

**BRADY CANAL HYDROLOGIC RESTORATION (TE-01)
DNR CONTRACT NO. 2503-12-23
2012 MAINTENANCE REPORT**



PROJECT COMPLETION REPORT



Prepared By:

**Providence/GSE Associates, LLC
991 Grand Caillou Road
Houma, Louisiana 70363**

October 2013

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Project Completion Report

PROJECT NAME Brady Canal Hydrologic Restoration
CWPPRA/STATE PROJECT NO. Project (TE-28), Terrebonne Parish

Report Date: May 20, 2013

By: Natural Resources Conservative Service

I. Project Managers/Contracting Officer:

CPRA Project Manager	Adam Ledet	Telephone	985-449-5105
CPRA Construction Manager	Adam Ledet	Telephone	985-449-5105
Providence/GSE Project Manager	Phil Schexnayder	Telephone	985-876-6380
Providence/GSE Inspector	Jimmy Theriot	Telephone	985-856-0474
Southern Delta Construction, LLC - Field Superintendent	Aaron Mayeaux	Telephone	985-872-9405
Southern Delta Construction, LLC - Back-Up Field Superintendent	Mike Mayeaux	Telephone	985-209-9884

II. Location and Description of Projects as Approved for Construction by Task Force:

Scope: The Brady Canal Hydrologic Restoration, 2012 Maintenance Project (TE-28) is located in Terrebonne Parish with the Lake Penchant Watershed and is bounded by Bayou Penchant, Brady Canal and Little Carencro Bayou to the north, Bayou Decade and Turtle Bayou to the south, Superior Canal to the east and Little Carencro Bayou and Voss Canal to the west.

The Brady Canal Hydrologic Restoration, 2012 Maintenance Project (TE-28), consists of 14,235 linear feet of earthen levee for refurbishment of Jug Lake rim, 17,704 tons of 130 lb. rip-rap stone adjacent to Structure No. 23, Structure No. 21 and Structure No. 24, 5,437 square yards of woven geotextile fabric, three permanent warning signs, one dolphin repair and 16.3 acres of seeding and fertilizer.

The Contractor shall furnish all labor and materials and perform all of the work required to build, construct and complete in a thorough and workmanlike manner for the Brady Canal Hydrologic Restoration, 2012 Maintenance Project (TE-28), for the Office of Coastal Protection and Restoration in Terrebonne Parish, Louisiana, in accordance with the Contract Documents prepared by the agency. Quantity calculations, layouts, shop drawings and construction sequencing of these items shall be provided in the Work Plan. The major tasks associated with the Work are described as follows:

1. Mobilization and Demobilization: The Contractor shall provide all labor and equipment costs necessary to move personnel, equipment, supplies and incidentals to and from the Project Site, establish offices, buildings and other facilities necessary for the Work, obtain bonds, required insurance and any other pre-construction expenses necessary to perform the Work.
2. Clearing and Grubbing: This work consists of required clearing and grubbing, removing and disposing of vegetation and debris within the project area, except items that are designated to remain by the Engineer. This work consists of cutting trees, logs, brush, stumps and debris, excavating and removing stumps, roots, submerged logs, snags and other vegetative material.
3. Surveys: The Contractor shall furnish all of the materials, labor and equipment necessary to perform preconstruction, process and as-built surveys of the baseline, transects, embankments and access and floatation channels as shown in the plans. Magnetometer and as-built surveys shall be performed by personnel who are approved by the Engineer under the direct supervision of a professional land surveyor licensed in the State of Louisiana. All other surveys may be performed by the Contractor's personnel. Survey data shall reference the North American Datum of 1983 (NAD 83), Louisiana South Zone, U.S. Survey Feet for horizontal controls and the North American Vertical Datum of 1988 (NAVD 88), U.S. Survey Feet for vertical control.

Pre-Construction Survey: The baseline transects, and benchmarks shown on the Plans shall be resurveyed and staked by the Contractor after the Pre-Construction Conference and prior to construction. This survey shall be used to verify the alignment of the various project features and to make modifications or adjustments as deemed necessary by the Engineer. Drawings of the plan views and cross sections and calculations of the project quantities of materials shall be developed from this survey by the Contractor.

Magnetometer Survey: A magnetometer survey shall be performed along the centerline of the access route(s) to the Project Site, access channels, floatation channels, pipelines and submerged portions of the rock dikes, where possible. Perpendicular track lines shall be run at features, where possible. All pipelines shall also be probed and appropriately marked throughout construction according to the United States Coast Guard Standards. The magnetometer survey shall show all track lines, coordinates, amplitudes, signature types and signature widths of all hits. The survey shall also show the coordinates, top elevation and ground cover for all pipelines.

Process Surveys: The embankments shall be surveyed during construction as follows:

Embankment: The earthen embankment sections shall be surveyed 30 days after the first lift has been placed on each of the reaches shown on the plans. The total earth embankment sections shall be surveyed after the final lift has been placed on each of the reaches shown on the plans. The crown limits and

both toes of the embankments shall be surveyed at 500-foot intervals along the baseline as shown on the plans and at points of inflection along the alignment. The centerline of embankment shall be surveyed at 25-foot intervals, at all survey transects, and at point of inflection. The Engineer shall determine if the lift on each Reach is to be accepted or modified based on these surveys. Those portions of embankments which are modified must also be resurveyed.

As-Built Surveys: The access and flotation channels, and earthen embankments, shall be surveyed by the Contractor after construction is complete. Final payment will not be received until the As-Built Survey and Work have been accepted by the Engineer.

Access and Flotation Channels: The centerline of all access and flotation channels shall be surveyed at 500-foot intervals along the baseline as shown in the plans and at points of inflection along the alignment after the channel has been properly backfilled. The survey shall also extend 25-feet beyond the outside edge of the access and flotation channels and any temporary spoils area.

Embankment: The final process surveys for embankment on those Reaches that are accepted by the Engineer shall be incorporated into the As-Built Survey.

4. Access and Flotation Channels: The Contractor shall furnish all materials, labor and equipment necessary to construct the access and flotation channels through removal and placement of spoil material. The limits of work shall conform to the lines and grades shown on the project plans. The channels shall be maintained in a useable configuration throughout the duration of the Work at the expense of the Contractor.

Flotation Channels: The excavation material from flotation channels shall be permanently deposited on the earth embankment on the perimeter of Jug Lake. The excavation spoil placement shall conform to the elevations, grades and lines specified in the plans. Spoil material shall not be deposited outside of the limits shown on the plans without written approval from the Engineer. No spoil shall be placed beyond the limits of the embankment or on existing vegetated marshes. Any material that is deposited in areas other than indicated on the plans or authorized by the Engineer shall be removed and deposited in an approved location at the expense of the Contractor. Unauthorized spoil placement areas shall be restored to pre-construction conditions at the expense of the Contractor.

Temporary Spoil Placement: The dredge material shall be temporarily deposited lake ward of the access and floatation channels within the envelope shown on the plans. Spoil material shall not be deposited outside of the limits shown on the Plans without written approval from the Owner. Upon completion of the work, the spoil material shall be backfilled into the floatation channel using the same equipment and methods as cited in the previously approved Work Plan. The temporary disposal area shall be reworked to within 6" of the original bottom. Any material that is deposited in areas other than the approved access and flotation channels shall be removed and deposited in an approved

location at the expense of the Contractor. Unauthorized disposal area shall be restored to pre-construction conditions at the expense of the Contractor.

5. Fertilizing and Seeding: The work shall consist of preparing the area for treatment, furnishing and placing seed, sprigs, mulch, fertilizer, inoculants, lime and other soil amendments and anchoring mulch in designated areas as specified.
6. Woven Geotextile Fabric: The work provided herein consist of furnishing all labor, material, equipment and performance of all operations required for furnishing, hauling, placing, completing and maintaining the woven geotextile fabric until placement of the stone cover is completed and accepted, as specified herein and on the plans.
7. 130 Lb. Class Rock: The Contractor shall furnish all of the materials, labor and equipment necessary to repair the levee breaches in conformity to the lines, grades and thicknesses provided on the plans and in the specifications, or as directed by the Engineer. See the construction plans for locations of levee breaches and rock armored earth embankments.
8. Earthen Embankment: The work shall consist of constructing, shaping and dressing the embankment to the lines and grades shown on the drawings.

Placement: The embankment material shall be deposited in approximate 12" horizontal layers and compacted to the final grade. Compaction will be as specification in Section 5 of the specifications.

The finished embankment shall conform to the typical sections shown on the drawing. After placement, the surfaces within the entire work limits shall be dressed to uniform slopes and lines, with no abrupt rises or depressions in the surface.

9. Temporary and Permanent Warning Signs: This work consists of furnishing and assembling the materials needed to construct and install warning signs in accordance with the specifications and project plans or as directed by the Engineer.

Materials: Each of the warning signs shall be fabricated from 3/4" thick sign grade plywood or approved equal, and bolted to one (1) 12" dia. (nominal end) x 40' long timber piling after it is driven to the proper depth, as shown in the plans. All timber piling shall conform to LA DOTD 2000 Standard Specification Sections 812 and 1014. All piling shall be treated with Creosote or Chromated Cooper Arsenate (CCA). All Creosote treatment shall meet American Wood Preservers Association (AWPA) P2 with a minimum retention of 20 Lb./Cu. Ft. All creosote treated pilings shall be steam flushed for a minimum of one (1) hour at 240°F (116°C) after treatment. All CCA treated piles shall conform to AWPA C2 with a minimum retention of 2.5 Lb./Cu. Ft. of CCA oxides in the outer 0.60 inches. Retention shall be determined by assay performed and certified by the treating company. The Contractor has the option of using a 40' x 4" dia. Schedule 80 galvanized steel pipe or other approved

material. Each sign shall have a reflective face. The sign and face lettering shall be fabricated as shown on the project plans.

Installation: The warning signs shall be installed at the temporary access channel as shown on the plans or as directed by the Engineer. The top of the pile shall be at an elevation of 12.0 (±0.5') feet NAVD 88.

Removal: All pilings or pipes shall be removed to depth at least 10' below existing ground. All material not incorporated into the permanent signs shall become property of the Contractor and shall be removed from the site prior to demobilization.

10. Dolphin Repair: The work shall consist of furnishing and installing the specified kinds and types of piles at the locations shown on the drawings.

III. Final, As-Built Features, Boundaries and Resulting Acreage:

See attached plans and C.D. of As-Built Survey (Attachment "E").

IV. Key Project Cost Elements:

	CWPPRA Project Cost Estimates** (TOTAL PROJECT)	Cost Incurred as of Construction Completion (TOTAL PROJECT)
Construction	\$1,351,000.00	\$1,353,636.25
Surveys	60,303.00	60,303.00
E & D	99,958.76	99,958.76
Construction Admin. and Inspection	179,386.38	179,386.38
Total	1,690,648.14	1,693,284.39

**Most recent estimate from CWPPRA Project Estimates report produced by USACOE.

V. Items of Work:

**PROJECT: DNR Contract No. 2503-12-23
 Brady Canal Hydrologic Restoration Project (TE-28)
 2012 Maintenance Project
 Terrebonne Parish, Louisiana
 May 21, 2013**

ITEM NO.	WORK	ESTIMATED QUANTITY	UNIT	ESTIMATED UNIT PRICE	ESTIMATED AMOUNT	BID QUANTITY	BID UNIT PRICE	BID AMOUNT	AS BUILT QUANTITY	AS BUILT AMOUNT
Base Bid										
1	Mobilization and Demobilization	1	L.S.	\$70,000.00	\$70,000.00	1	\$70,000.00	\$70,000.00	1	\$70,000.00
2	Clearing and Grubbing	1	L.S.	\$75,000.00	\$75,000.00	1	\$75,000.00	\$75,000.00	1	\$75,000.00
3	Magnometer Survey	1	L.S.	\$20,000.00	\$20,000.00	1	\$20,000.00	\$20,000.00	1	\$20,000.00
4	130 Lb. Class Rock Breach #6	100	Tons	\$181.50	\$18,150.00	100	\$181.50	\$18,150.00	136	\$24,684.00
5	130 Lb. Class Rock Structure #23	1,900	Tons	\$107.00	\$203,300.00	1,900	\$107.00	\$203,300.00	2,218	\$237,326.00
6	Dolphin Repair	1	L.S.	\$25,000.00	\$25,000.00	1	\$25,000.00	\$25,000.00	1	\$25,000.00
7	Woven Geotextile Fabric	1,800	S.Y.	\$11.25	\$20,250.00	1,800	\$11.25	\$20,250.00	2,041	\$22,961.25
8	Fertilizer and Seeding	20	Acres	\$1,500.00	\$30,000.00	20	\$1,500.00	\$30,000.00	16.3	\$24,450.00
9	Earthen Embankment	13,900	Lft.	\$37.00	\$514,300.00	13,900	\$37.00	\$514,300.00	14,235	\$526,695.00
10	Temporary Warning Signs	4	Ea.	\$1,500.00	\$6,000.00	4	\$1,500.00	\$6,000.00	0	\$0.00
11	Permanent Warning Signs	3	Ea.	\$1,500.00	\$4,500.00	3	\$1,500.00	\$4,500.00	3	\$4,500.00
12	Temporary Spoil Placement	1	L.S.	\$1,000.00	\$1,000.00	1	\$1,000.00	\$1,000.00	1	\$1,000.00
DNR Estimated Amount:					\$987,503.00	Original Base bid Amount:		\$987,500.00	As-Built Amount:	\$1,031,616.25
Alternate No. 1										
4a	130 Lb. Class Rock Structure #21	1,900	Tons	\$85.00	\$161,500.00	1,900	\$85.00	\$161,500.00	1,467	\$124,695.00
7	Woven Geotextile Fabric	1,800	S.Y.	\$11.25	\$20,250.00	1,800	\$11.25	\$20,250.00	1,727	\$19,428.75
Alternate No. 2										
4b	130 Lb. Class Rock Structure #24	1,900	Tons	\$85.00	\$161,500.00	1,900	\$85.00	\$161,500.00	1,872	\$159,120.00
7	Woven Geotextile Fabric	1,800	S.Y.	\$11.25	\$20,250.00	1,800	\$11.25	\$20,250.00	1,669	\$18,776.25
DNR Additive Alternate Estimated Amount:					\$363,500.00	Original Additive Alternate Bid Amount:		\$363,500.00	As-Built Amount:	\$322,020.00
						Total Project Cost:				\$1,353,636.25

VI. Construction and Construction Oversight:

Item	
Prime Construction Contractor	Southern Delta Construction, LLC
Subcontractors	Frisco Construction Co. Bayou Country Surveyor Luhr Brothers
Original Construction Contract	\$1,351,000.00
Change Orders	\$2,636.25
Total Construction Contract Cost	\$1,353,636.25

VII. Major Equipment Used:

Load Site - 5 rock barges - Luhr Brothers (FMTA0902) (HD134) (HD142) (HD143) (BV102); Cat 329 excavator; 2 - 600 h.p. tug (Miss Tammy and Warren Jr.)

Travel Site - 600 h.p. tug (Louisiana Sunshine)

Construction Site - Manitowoc 4600 dragline on spud barge; Cat 336 excavator; 2 - 16' center console boats; 1 - 18' cabin boat; marsh buggy excavator; 2 - spud barges (CIT109 and Chief)

VIII. Discuss Construction Sequences and Activities, Problems Encountered, Solutions to Problems, Etc.:

1. Contract time commenced on October 18, 2012. Contractor mobilized on site and began clearing, station 303+62 to 237+90 and from 218+70 to 183+70 and from 173+35 to 137+45 and from 112+75 to 105+60.
2. The pre-construction survey and the magnometer survey were conducted.
 - a. Contractor failed to notify Owner or Engineer of start of work and beginning of survey.
3. Contractor dredged borrow and placed earthen embankment with Manitowoc 4600 dragline at station 303+62 to station 256+44, from station 255+23 to station 238+00, from station 184+00 to station 196+28, from station 197+35 to station 218+40, from station 173+00 to station 172+10, from station 171+50 to station 138+00, from station 171+50 to station 172+10, and from 107+00 to station 108+30.

As soon as first lift was completed Contractor released dredge.

 - a. Contractor failed to dredge enough material from approved borrow source.
4. Marsh buggy excavator dressed front slope and crown from station 303+62 to station 292+00, from station 287+70 to station 276+00, from station 271+25 to station 269+30, from station 254+14 to station 255+23, from station 269+30 to station 263+50, from station 238+00 to station 240+85, from station 261+00 to station

257+64, from station 198+00 to station 199+00, from station 198+00 to station 197+35, from station 194+00 to station 196+28, from station 254+14 to station 243+37, from station 184+00 to station 194+00, from station 199+00 to station 218+40, from station 172+00 to station 169+00, from station 173+00 to station 172+00 and from station 171+00 to station 138+00.

- a. Material used to dress the front slope was poor. The material is too soft to hold in place.
 - b. Marsh buggy excavator dressed back slope from station 303+62 to station 293+39, from station 288+20 to station 276+00, from station 270+25 to station 269+30, from station 254+14 to station 255+23, from station 256+44 to station 257+64, from station 269+30 to station 267+00, from station 238+00 to station 240+85, from station 263+70 to station 256+44, from station 254+14 to station 246.25, from station 184+00 to station 196+28, from station 197+55 to station 218+40 and from station 173+00 to station 138+00.
 - c. Marsh buggy excavator repaired levee from Structure No. 24 to station 269+00 from station 238+00 to station 240+35, from station 269+00 to station 275+00, from station 284+00 to station 292+69, from station 292+69 to station 301+00, from station 301+00 to station 303+62, from station 184+00 to station 192+00, from station 192+00 to station 195+78, from station 197+85 to station 202+00, from station 202+00 to station 207+00, from station 207+00 to station 211+00, from station 211+00 to station 216+00, from station 242+30 to station 246+00 and from station 246+00 to station 254+73.
5. Contractor repaired two (2) dolphins, pulled broken piles and drove new piles for warning signs.
 6. Contractor reworked structure No. 24, 21 and 23.
 - 7a. Contractor placed 1,727 s.y. of geotextile fabric and 1,467 tons of riprap at Structure No. 21.
 - 7b. Contractor placed 111 s.y. of geotextile fabric and 136 tons of riprap at Breach 6.
 - 7c. Contractor placed 1,467 s.y. of geotextile fabric and 1,727 tons of riprap at Structure No. 24.
 - 7d. Contractor placed 1,930 s.y. of geotextile fabric and 2,218 tons of riprap at Structure No. 23.
1. Due to poor earthen embankment material on the left side of Structure No. 23, the profile of the north side of the riprap levee and slopes were reduced by 10' from station 240+85 to station 240+75.

8. Contractor spread 16.3 acres of fertilizer and seeding from station 105+80 to station 112+60, from station 137+65 to station 173+00, from station 256+94 to station 303+62, from station 184+00 to station 195+78, from station 197+85 to station 218+40, from station 238+00 to station 240+35 and from station 242+30 to station 254+73.

IX. Construction Change Orders and Field Changes:

See Attachment "C".

X. Pipeline and Other Utility Crossings:

See Attached "H".

XI. Safety and Accidents:

None.

XII. Additional Comments Pertaining to Construction, Completed Project, Etc.:

XIII. Significant Construction Dates:

<u>Action</u>	<u>Construction Date</u>
Bid I.D. (Construction Vegetation, Etc.)	Construction
Bid Opening	July 24, 2012
Construction Contract Award	October 4, 2012
Pre-Construction Conference	October 17, 2012
Notice to Proceed	October 4, 2012
Mobilization	October 18, 2012
Construction Start	October 18, 2012
Construction Completion	March 26, 2013
Final Acceptance	June 24, 2013

XIV. Materials Submitted:

See Attachment "G".

XV. Lessons Learned:

ATTACHMENT “A”

Project Permits



DEPARTMENT OF THE ARMY

NEW ORLEANS DISTRICT, CORPS OF ENGINEERS

P. O. BOX 60267

NEW ORLEANS, LOUISIANA 70160-0267

REPLY TO
ATTENTION OF:

FEB 09 2012

RECEIVED

FEB 14 2012

BY: de

Operations Division
Western Evaluation Section

SUBJECT: MVN-1997-00150-WLL

Louisiana Office of Coastal Protection and Restoration
1440 Tiger Drive, Suite B
Thibodaux, Louisiana 70301

Gentlemen:

Enclosed is a permit dated this date, subject as above, authorizing work under the Department of the Army permit program.

You are again reminded that any work not in accordance with the approved plans is subject to removal regardless of the expense and the inconvenience that such removal may involve and regardless of the date when the discrepancy is discovered.

Your attention is directed to all the terms and conditions of the approval. In order to have the work approved in accordance with the issued permit, all terms and conditions of the permit and plans shown on the drawings attached thereto must be rigidly adhered to.

It is necessary that you notify the District Engineer, Attention: Western Evaluation Section, in writing, prior to commencement of work and also upon its completion. The notification must include the permittee's name, as shown on the permit, and the permit number. Please note the expiration date on the permit. Should the project not be completed by that date, you may request a permit time extension. Such requests must be received before, but no sooner than six months before, the permit expiration date and must show the work completed and the reason the project was not finished within the time period granted by the permit.

The New Orleans District Regulatory Branch is committed to providing quality and timely service to our customers. In an effort to improve customer service, please take a moment to complete the attached Customer Service Survey and return it in the envelope provided or go to the survey found on our web site at <http://per2.nwp.usace.army.mil/survey.html>.

A copy of Page 1 of the permit (ENG Form 1721) must be conspicuously displayed at the project site. Also, you must keep a copy of the signed permit at the project site until the work is completed.

Sincerely,

Ronnie W. Duke
Chief, Western Evaluation Section

Enclosure

DEPARTMENT OF THE ARMY PERMIT

Permittee: Louisiana Office of Coastal Protection and Restoration

Permit No. MVN-1997-00150-WLL

Issuing Office: New Orleans District

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

Project Description: Perform construction operations as required to upgrade and maintain infrastructure supporting the Brady Canal Hydrologic Restoration Area, in accordance with the drawings enclosed in fifteen sheets.

Project Location: The project is adjacent to Bayou Penchant, Brady Canal, Voss Canal, Superior Canal, Bayou DeCade, Turtle Bayou and Mauvais Bois Ridge all located in Terrebonne Parish, Louisiana.

Permit Conditions:

General Conditions:

1. The time limit for completing the work authorized ends on **December 31, 2016**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least 1 month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions: Pages 4-5.

Further Information:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

- Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).
- Section 404 of the Clean Water Act (33 U.S.C. 1344).
- Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).

2. Limits of this authorization.

- a. This permit does not obviate the need to obtain other Federal, State, or local authorizations required by law.
- b. This permit does not grant any property rights or exclusive privileges.
- c. This permit does not authorize any injury to the property or rights of others.
- d. This permit does not authorize interference with any existing or proposed Federal project.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

- a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
- b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
- c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
- d. Design or construction deficiencies associated with the permitted work.

e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

a. You fail to comply with the terms and conditions of this permit.

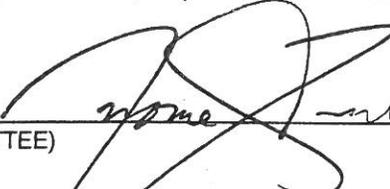
b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).

c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

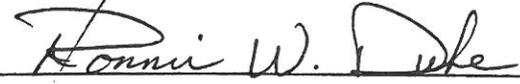
Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

X  (PERMITTEE) X 2/2/2012 (DATE)

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

 February 9, 2012 (DATE)

Ronnie R. Duke, Chief Western Evaluation Section
for Edward R. Fleming, District Commander

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

(TRANSFEREE) (DATE)

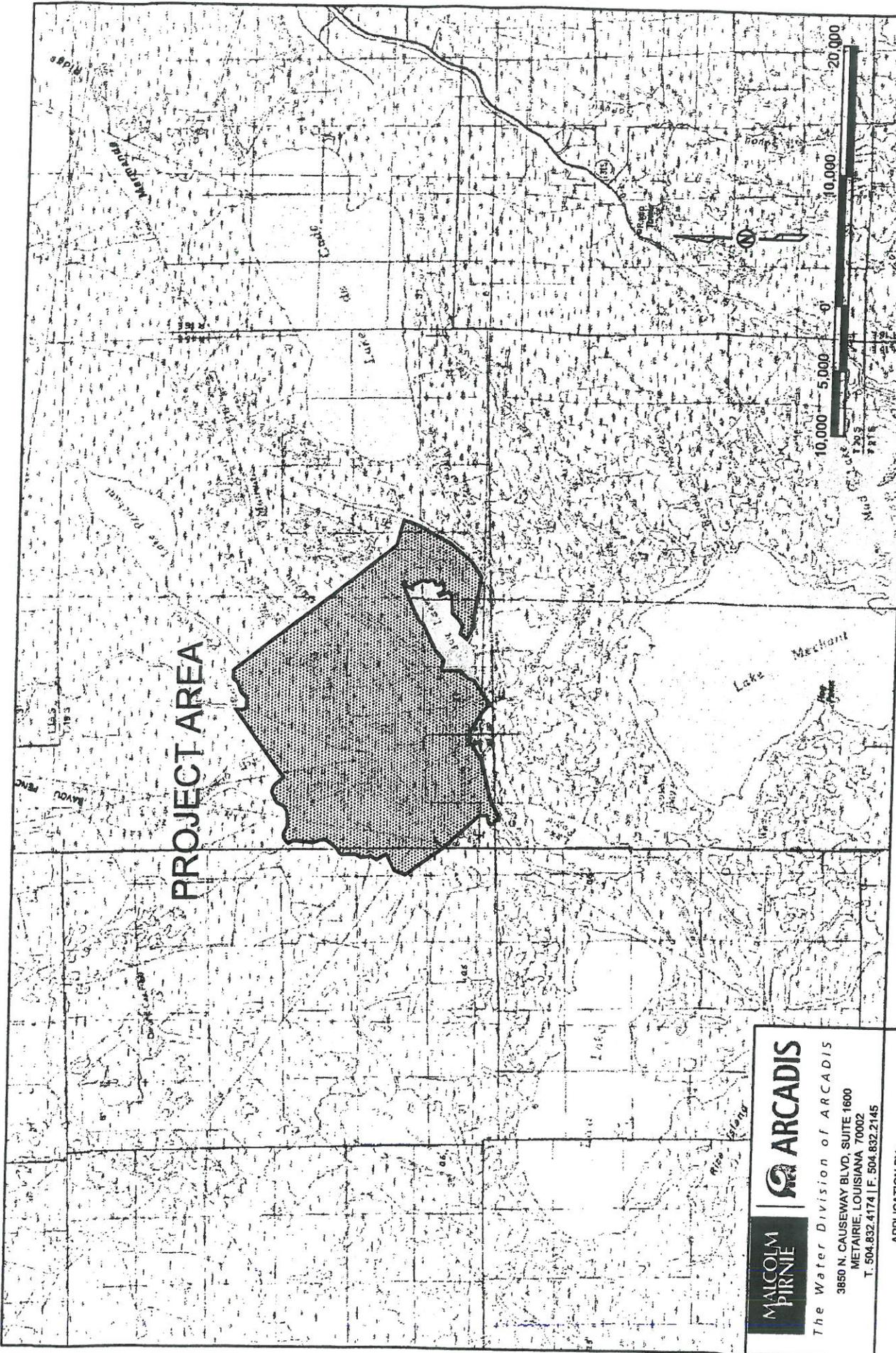
SPECIAL CONDITIONS: MVN-1997-00150-WLL

7. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.
8. Your use of the permitted activity must not interfere with the public's right to free navigation on all navigable waters of the United States.
9. You must install and maintain, at your expense, any safety lights, signs, and signals prescribed by the US Coast Guard, through regulations or otherwise, on your authorized facilities.
10. If archaeological materials and/or human remains are discovered during ground disturbing activities the permittee shall cease and desist all activities in the project area and contact the Corps of Engineers, New Orleans, District and Dr. Charles "Chip" McGimsey of the Louisiana Office of Cultural Development, Division of Archaeology at (225) 342-8160.
11. In the event of project abandonment, the permittee shall be required to remove or lock open all structures and discontinue levee maintenance activities.
12. The permittee shall monitor the project in accordance with the June 1, 1998, draft monitoring plan which is attached, in part, to this permit. Monitoring shall commence during the first year of project construction and shall continue throughout the project's operational life. In the event that federal participation or funding for this project is discontinued, the permittee shall remain responsible for monitoring but may request modifications to the monitoring plan, The Corps of Engineers will decide which modifications will be allowed after coordinating the proposed changes with the appropriate state and federal agencies.
13. The permittee shall provide this office with a report or letter describing all work performed each year beginning with the year of permit re-issuance (2012) and continuing until project construction is completed. These reports, along with annual monitoring data shall be submitted to this office December 31st of each year.
14. The time limit to perform dredging needed to maintain the navigability of the project channels and to obtain material needed to maintain the authorized levees expires 10 years from the effective date of this approval.
15. Many local governing bodies have instituted laws and/or ordinances in order to regulate dredge and/or fill activities in floodplains to assure maintenance of floodwater storage capacity and avoid disruption of drainage patterns that may affect surrounding properties. Your project involves dredging and/or placement of fill; therefore, you must contact the local municipal and/or parish governing body regarding potential impacts to floodplains and compliance of your proposed activities with local floodplain ordinances, regulations or permits.

SPECIAL CONDITIONS: MVN-1997-00150-WLL

16. The Chitimacha Tribe of Louisiana has stated that the project area is part of the aboriginal Chitimacha homelands. If during the course of work at the site, prehistoric and/or historic aboriginal cultural materials are discovered, the applicant will contact the Chitimacha Tribe of Louisiana at Post Office Box 661, Charenton, LA 70523, and the Army Corps of Engineers, New Orleans District (CEMVN) Regulatory Branch. CEMVN will initiate the required Federal, State, and Tribal coordination to determine the significance of the cultural materials and the need, if applicable, for additional cultural resource investigations.

17. If the proposed project requires any additional work within waters of the US not expressly permitted herein, the permittee must obtain an amendment to this authorization prior to commencement of work.



PROJECT AREA

MALCOLM PIRNIE
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APPLICATION BY:
 OFFICE OF COASTAL PROTECTION AND RESTORATION
 1440 TIGER DRIVE, SUITE B
 THIBODAUX, LOUISIANA 70081

**OFFICE OF COASTAL PROTECTION & RESTORATION
 ENGINEERING BRANCH**
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70801

**BRADY CANAL HYDROLOGIC RESTORATION
 TERREBONNE PARISH, LA**

**OVERALL MAINTENANCE PLAN
 PROJECT AREA**

DRAWN BY: CAK

DESIGNED BY: EAC

APPROVED BY: DLF

STATE PROJECT NUMBER: 2503-10-32

FEDERAL PROJECT NUMBER:

DATE: FEBRUARY 11, 2011

SHEET 1 OF 15

- BRADY CANAL
HYDROLOGIC RESTORATION
(PTE-26B)**
- 1 BULKHEAD W/ BOAT BAY AND FLAPGATE STOPLOG SECTION
 - 2 FIXED CREST WEIR W/VARIABLE CREST SECTION(S)
 - 3 FIXED CREST WEIR
 - 4 FIXED CREST WEIR W/BARGE BAY
 - 5 ROCK PLUG
 - 6 STABILIZED CHANNEL CROSS-SECTION
 - 7 EXISTING WEIR
 - 8 OVERFLOW BANK
 - 9 EMBANKMENT CONSTRUCTION
 - 10 XXXXXX- SHORELINE MAINTENANCE
 - 11 EVALUATION SITE #
 - 12 CTU BOUNDARY
- See Drawings for Sections A-A, B-B, and C-C.

**MALCOLM
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APPROVED BY: DLF

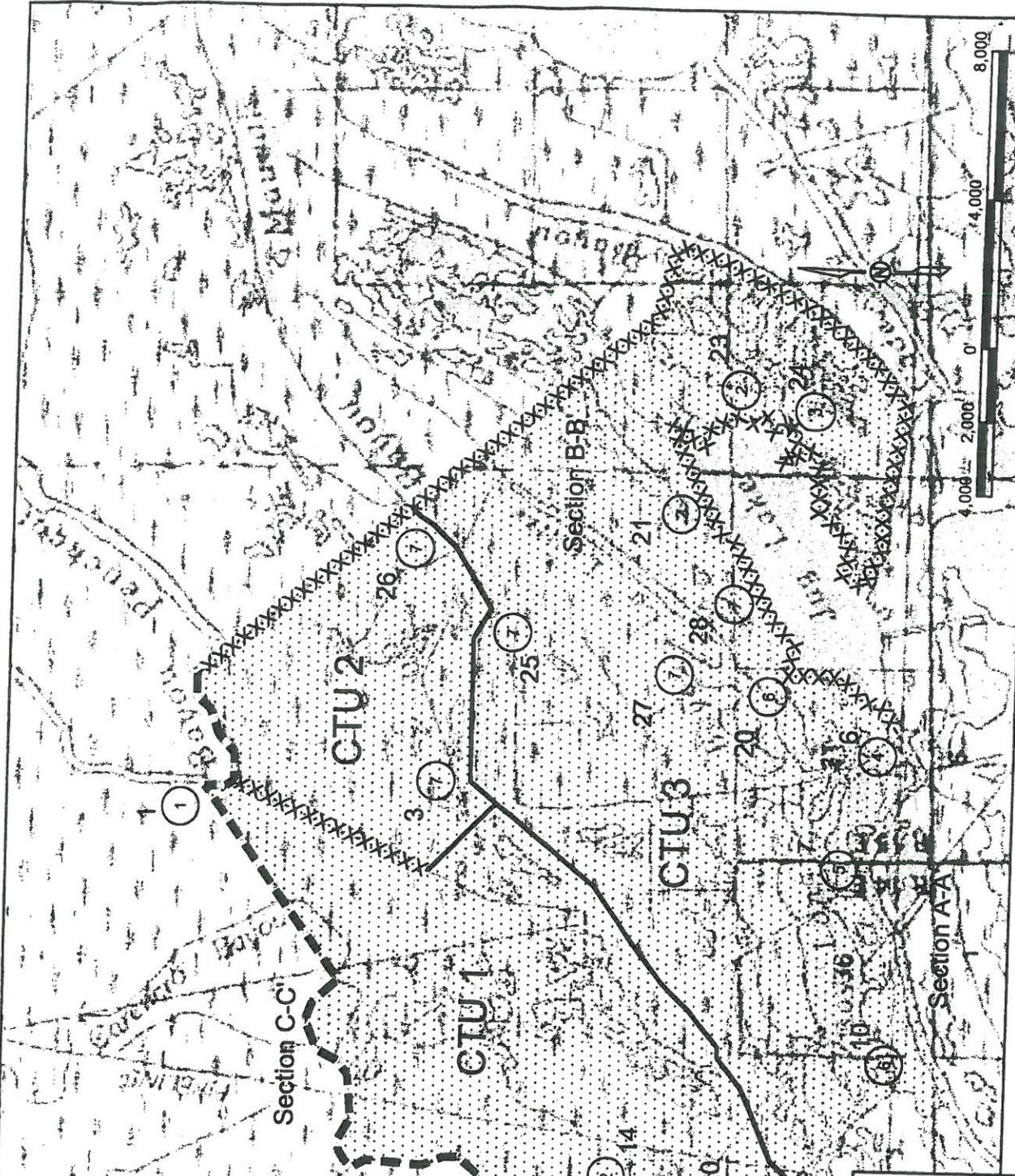
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BRADY CANAL HYDROLOGIC RESTORATION
TERREBONNE PARISH, LA

STATE PROJECT NUMBER: 2503-10-32
FEDERAL PROJECT NUMBER:

OVERALL MAINTENANCE PLAN
PROJECT LAYOUT

DATE: FEBRUARY 11, 2011
SHEET 2 OF 15



Evaluation Site	Channel		Pre-Construction Features		As-Built Features			
	Width (ft)	Depth (ft)	Type	Crest Elevation (ft BML)	Crest Width (ft)	Type	Crest Elevation (ft BML)	Crest Width (ft)
1	112	20	Timber Bulkhead	0.5	60	Bulkhead	0.5	120
			Boat Bay	-5.0	9	Boat Bay	-5.0	10
3			Var. Crest Weir	From 0 - 1.4	12	Flap Gates/Stop log	From 0.5 to -5.0	12
6	285	8.4				Fixed Crest Weir	-0.5	145
7	315	8				Barge Bay	-8.0*	70
10	225	10.9				Rock Plug		
14	40	7.8	Fixed Crest Weir	-1.0	33	Channel Armor		
20	160	9				Fixed Crest Wire	-1.0	30
						Var. Crest Section	From -1.0 to -6.0	6
21			Fixed Crest Weir	-1.0	48	Channel Armor		
22			Earthen Plug			Fixed Crest Weir	-1.0	30
						Var. Crest Section	From -1.0 to -6.0	18
23			Fixed Crest Weir	-1.0	40	Fixed Crest Weir	-1.0	46
			Var. Crest Section		16	Var. Crest Section	From -1.0 to -6.0	12
24			Fixed Crest Weir			Fixed Crest Weir		
			Section 1	-1.0	30	Section 1	-1.0	30
			Section 2	-2.5	50	Section 2	-2.5	50
25			60" Pipe					
			Sluice Gate					
			Flap Gate					
26			Fixed Crest Weir	-0.5	16			
27			42" Pipe					
			V. Crest Weir Inlet	From 0 to 3.5	6			
			Flap Gate					
28			42" Pipe					
			V. Crest Weir Inlet	From 0 to -3.5	6			
			Flap Gate					

* Below mean low water.

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APPLICATION BY:
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DESIGNED BY: EAC
 APPROVED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 TERREBONNE PARISH, LA

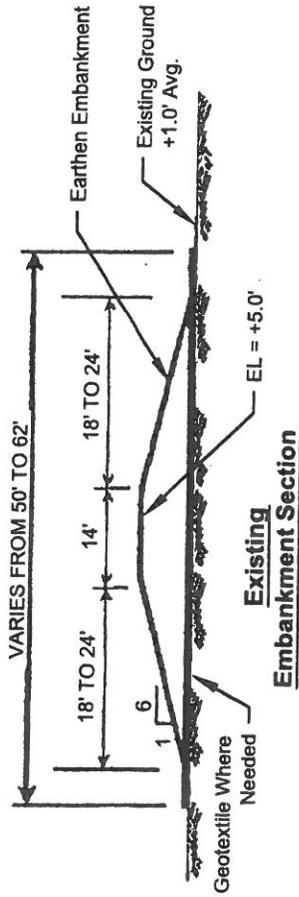
STATE PROJECT NUMBER: 2503-10-32
 FEDERAL PROJECT NUMBER:

DATE: FEBRUARY 11, 2011
 SHEET 3 OF 15

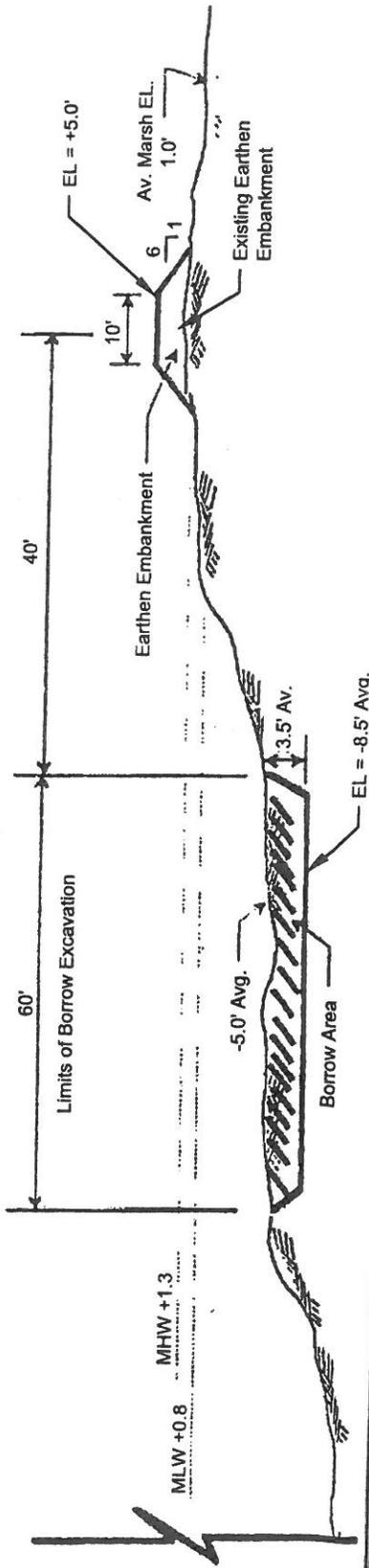
OVERALL MAINTENANCE PLAN
 PROJECT FEATURE TABLE

SPOIL BANK MAINTENANCE SECTION A - A'

NOT TO SCALE



NOT TO SCALE



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Typical Section A - A'

- Notes:
1. All Elevations Shown in N.A.V.D. 88.
 2. Total Length of Earthen Embankment - 15,000 Feet.
 3. Estimated Annual Volume of Maintenance Earthen Fill - 3,643 cubic yards.
 4. Borrow Material to be Taken from Bayou Decade and Voss Canal.

APPLICATION BY:

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BRADY CANAL HYDROLOGIC RESTORATION
TERREBONNE PARISH, LA

OVERALL MAINTENANCE PLAN
EARTHEN EMBANKMENT
SECTION A - A'

DRAWN BY: CAK

DESIGNED BY: EAC

APPROVED BY: DLF

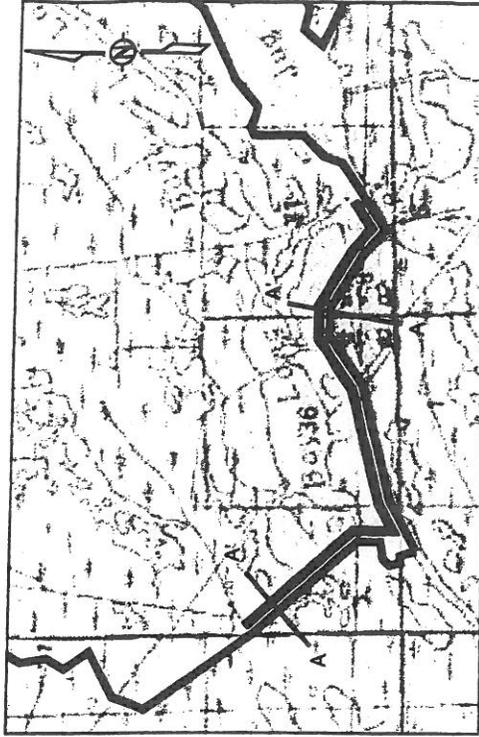
STATE PROJECT NUMBER: 2503-10-32

FEDERAL PROJECT NUMBER:

DATE: FEBRUARY 11, 2011

SHEET 4 OF 15

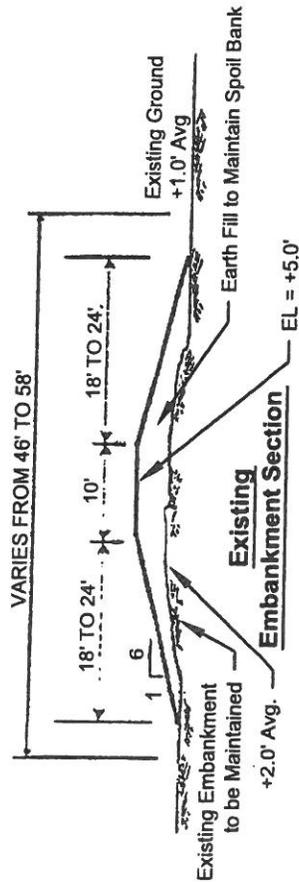
LOCATION MAP



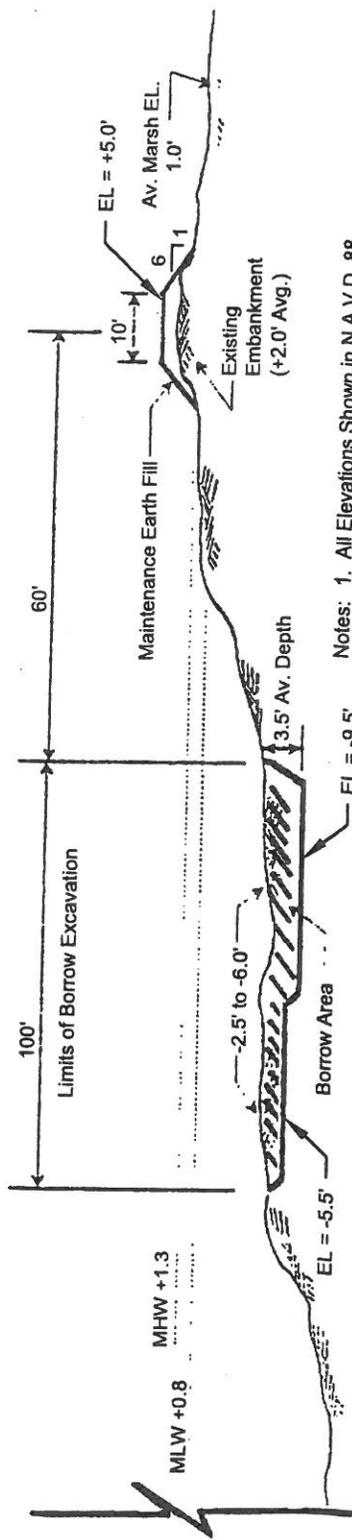
Existing Earthen Embankment for approximately 15,000 LF along the north side of Bayou DeCade and northeast side of Voss Canal.
Section A - A' depicts this existing measure.

SPOIL BANK MAINTENANCE SECTION B - B'

NOT TO SCALE



NOT TO SCALE



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BRADY CANAL HYDROLOGIC RESTORATION
TERREBONNE PARISH, LA

STATE PROJECT NUMBER: 2503-10-32

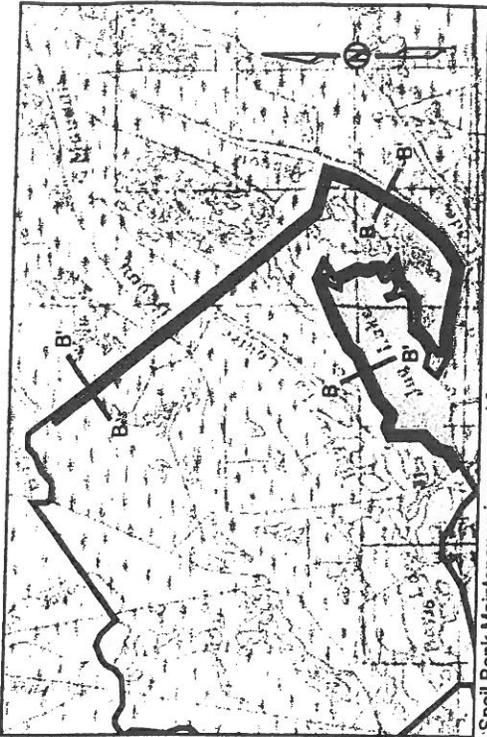
FEDERAL PROJECT NUMBER:

DATE: FEBRUARY 11, 2011

SHEET 5 OF 15

OVERALL MAINTENANCE PLAN
SPOIL BANK MAINTENANCE
SECTION B - B'

LOCATION MAP



Spoil Bank Maintenance is proposed for approximately 63,000 LF along Superior Canal, Turtle Bayou, Bayou DeCade, and Jug Lake. Section B - B' depicts this proposed measure.

Notes: 1. All Elevations Shown in N.A.V.D. 88.

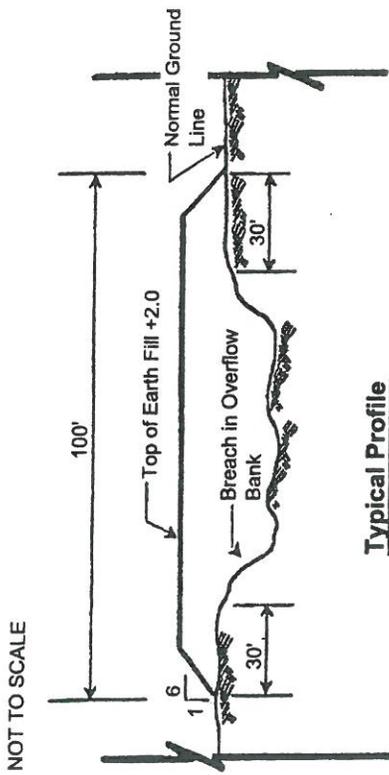
2. Total Length of Earthen Embankment to be Maintained - 44,000 Feet. This Length Does Not Include Lake Shore of Jug Lake. With Jug Lake Shoreline - Total Length Approximately 63,000 Feet.

3. Estimated Annual Volume of Maintenance Earth Fill - 15,300 Cubic Yards.

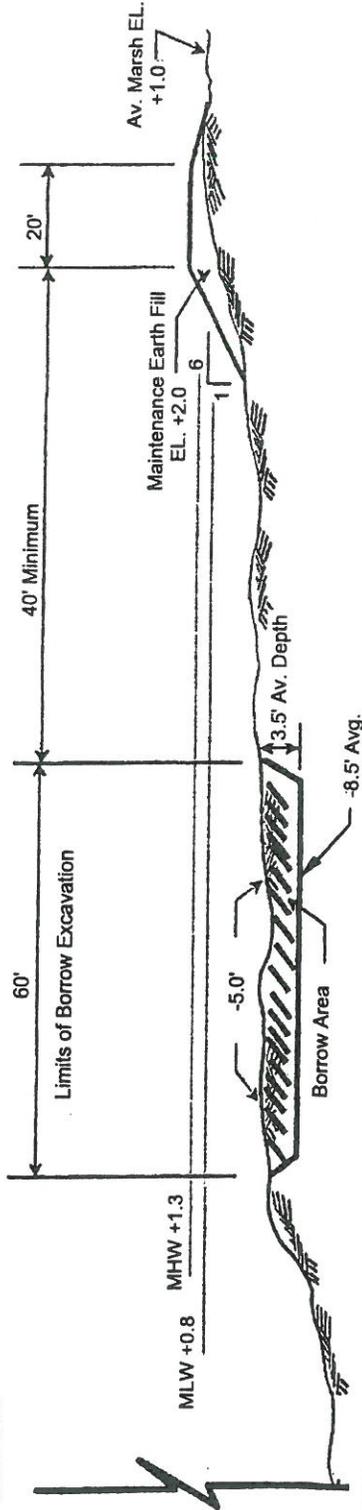
4. Borrow Material to be Taken from Superior Canal, Bayou Decade, Turtle Bayou, Jug Lake and Voss Canal.

Typical Section B - B'

OVERFLOW BANK MAINTENANCE SECTION C - C'



NOT TO SCALE

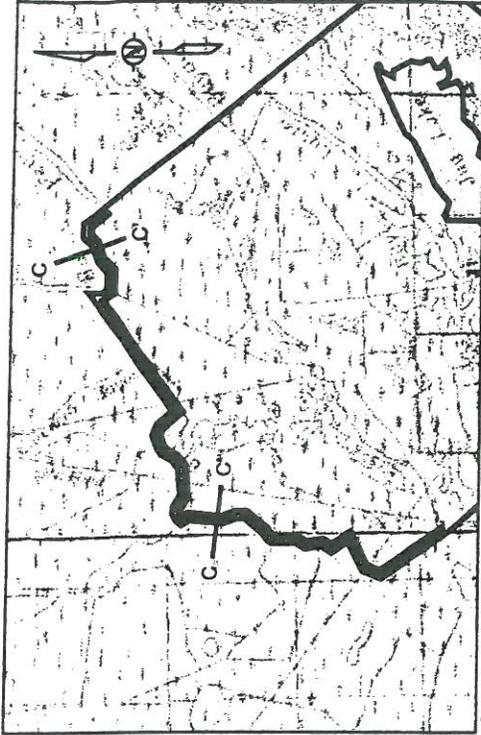


NOT TO SCALE

Typical Section C - C'

Notes: 1. All Elevations Shown in N.A.V.D. 88.
2. Total Length of Earthen Embankment to be Maintained - Approx. 29,600 Feet.
3. Along Bayou Carencro, Little Bayou Carencro, Brady Canal, and Bayou Penchant.
4. Estimated Annual Volume of Maintenance Earth Fill For Overflow Banks - 1590 Cubic Yards Base on Repairing 300' of Bank per Year.
5. Borrow Material to be Taken from Adjacent Canal or Bayou.

LOCATION MAP



Overflow Bank Maintenance is proposed for approximately 29,600 LF along Bayou Carencro, L. Bayou Carencro, Brady Canal, and Bayou Penchant. Section C - C' depicts this proposed measure.

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BRADY CANAL HYDROLOGIC RESTORATION
TERREBONNE PARISH, LA

OVERALL MAINTENANCE PLAN
OVERFLOW BANK MAINTENANCE
SECTION C - C'

DRAWN BY: CAK

DESIGNED BY: EAC

APPROVED BY: DLF

STATE PROJECT NUMBER: 2503-10-32

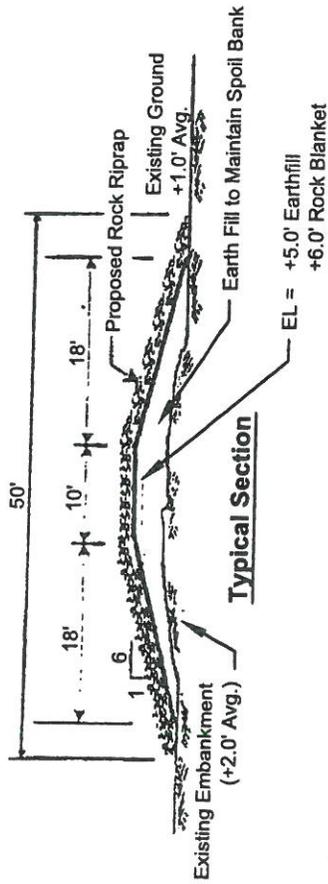
FEDERAL PROJECT NUMBER:

DATE: FEBRUARY 11, 2011

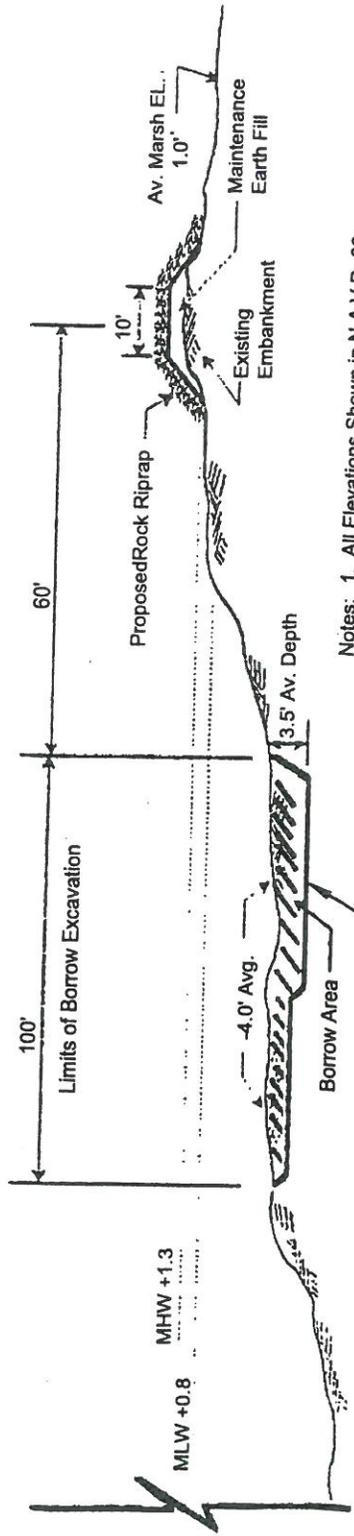
SHEET 6 OF 15

ROCK RIPRAP ARMORING SECTION R - R'

NOT TO SCALE



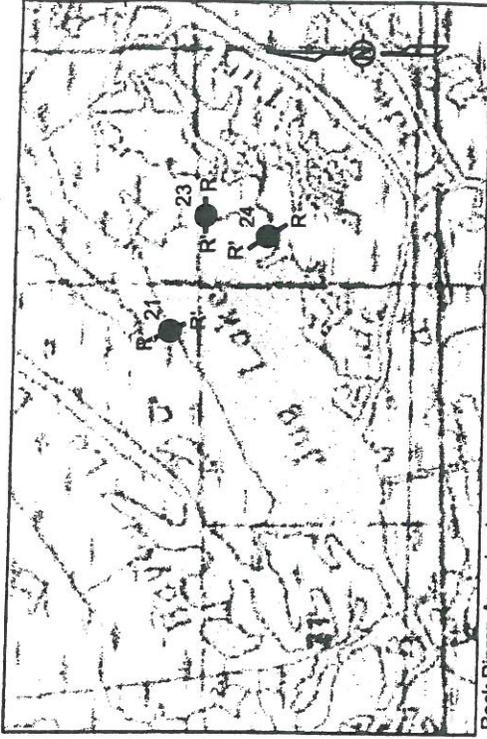
NOT TO SCALE



Typical Profile

- Notes:
1. All Elevations Shown in N.A.V.D. 88.
 2. Proposed Volume of Rock Riprap Armoring at all three (3) sites - 5,300 Cubic Yards

LOCATION MAP



Rock Riprap Armoring is proposed for 100' on both sides of Existing Structures 21, 23, and 24.
Section R - R' depicts this proposed measure.

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BRADY CANAL HYDROLOGIC RESTORATION
TERREBONNE PARISH, LA

OVERALL MAINTENANCE PLAN
ROCK RIPRAP ARMORING
SECTION R - R'

DRAWN BY: CAK

DESIGNED BY: EAC

APPROVED BY: DLF

STATE PROJECT NUMBER: 2503-10-32

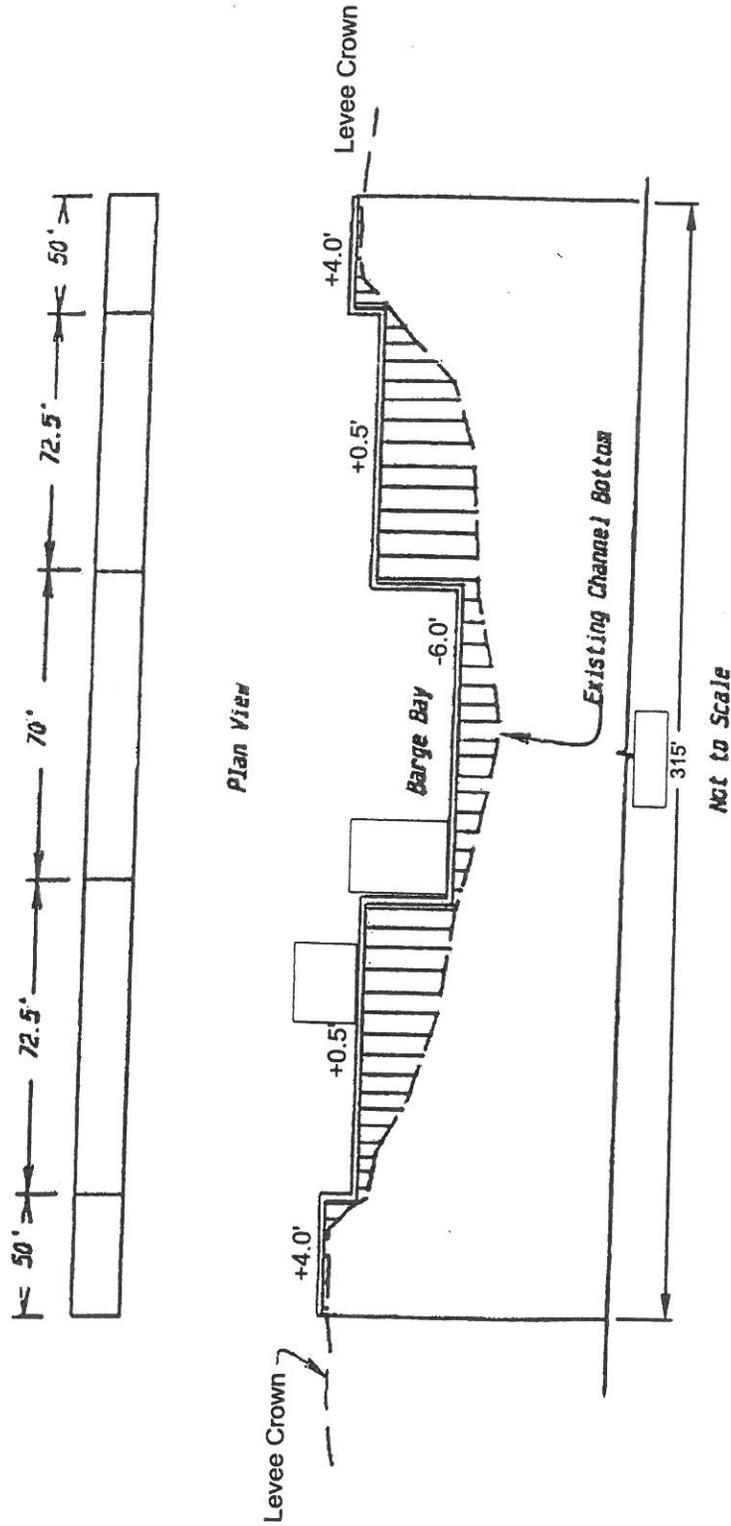
FEDERAL PROJECT NUMBER:

DATE: FEBRUARY 11, 2011

SHEET 8 OF 15

TYPICAL DRAWING

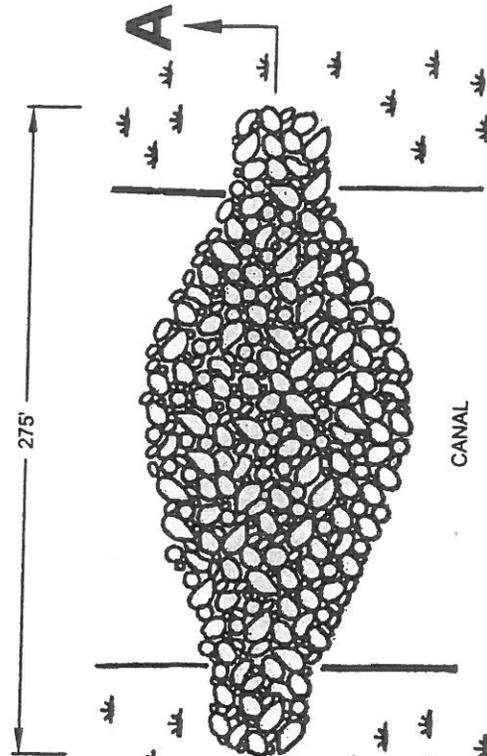
EXISTING FIXED CREST WEIR WITH BARGE BAY



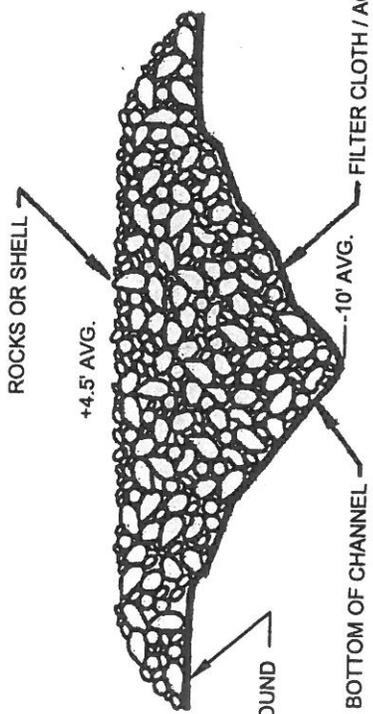
MALCOLM PIRNIE The Water Division of ARCADIS 3850 N. CAUSEWAY BLVD, SUITE 1600 METAIRIE, LOUISIANA 70002 T. 504.832.4174 F. 504.832.2145	OFFICE OF COASTAL PROTECTION AND RESTORATION 1440 TIGER DRIVE, SUITE B THIBODAUX, LOUISIANA 70301	OFFICE OF COASTAL PROTECTION & RESTORATION ENGINEERING BRANCH 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	BRADY CANAL HYDROLOGIC RESTORATION TERREBONNE PARISH, LA	OVERALL MAINTENANCE PLAN EXISTING FIXED CREST WEIR W/BARGE BAY (STRUCTURE 6)
	APPLICATION BY: OFFICE OF COASTAL PROTECTION AND RESTORATION 1440 TIGER DRIVE, SUITE B THIBODAUX, LOUISIANA 70301	DESIGNED BY: EAC	APPROVED BY: DLF	STATE PROJECT NUMBER: 2503-10-32 FEDERAL PROJECT NUMBER:

DRAWN BY: CAK

TYPICAL DRAWING EXISTING ROCK PLUG



PLAN VIEW
NOT TO SCALE



SECTION A-A
NOT TO SCALE

**MALCOLM
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APPLICATION BY:
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DRAWN BY: CAK

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DESIGNED BY: EAC

APPROVED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
TERREBONNE PARISH, LA

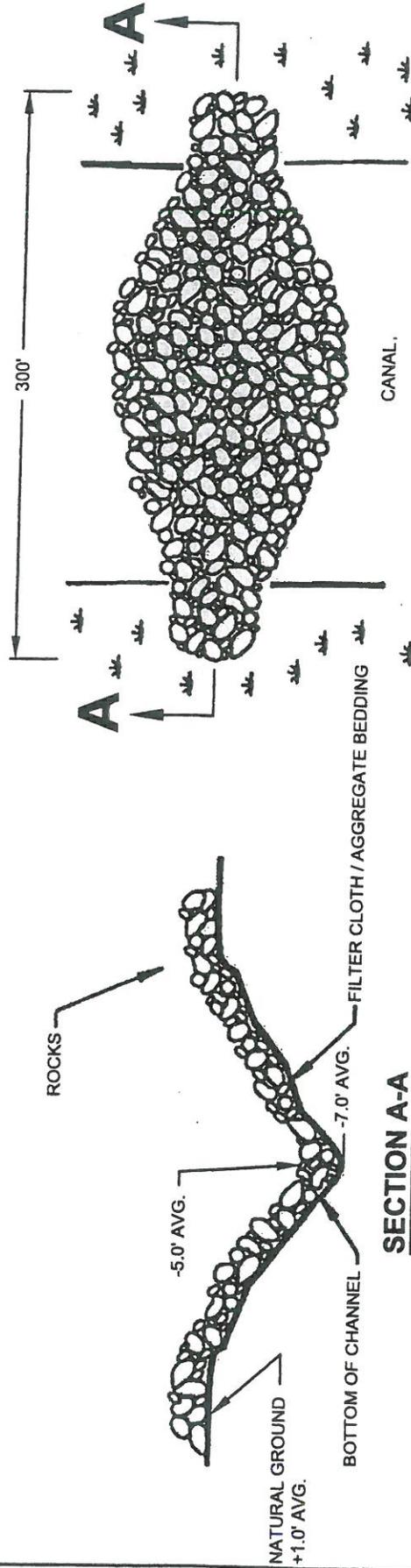
STATE PROJECT NUMBER: 2503-10-32
FEDERAL PROJECT NUMBER:

OVERALL MAINTENANCE PLAN
EXISTING ROCK RIPRAP PLUG
(STRUCTURE 7)

DATE: FEBRUARY 11, 2011
SHEET 10 OF 15

TYPICAL DRAWING

EXISTING ROCK CHANNEL LINER



PLAN VIEW
NOT TO SCALE

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BRADY CANAL HYDROLOGIC RESTORATION
 TERREBONNE PARISH, LA

DESIGNED BY: EAC

APPROVED BY: DLF

OVERALL MAINTENANCE PLAN
 EXISTING ROCK CHANNEL LINER
 (STRUCTURES 10 & 20)

STATE PROJECT NUMBER: 2503-10-32

FEDERAL PROJECT NUMBER:

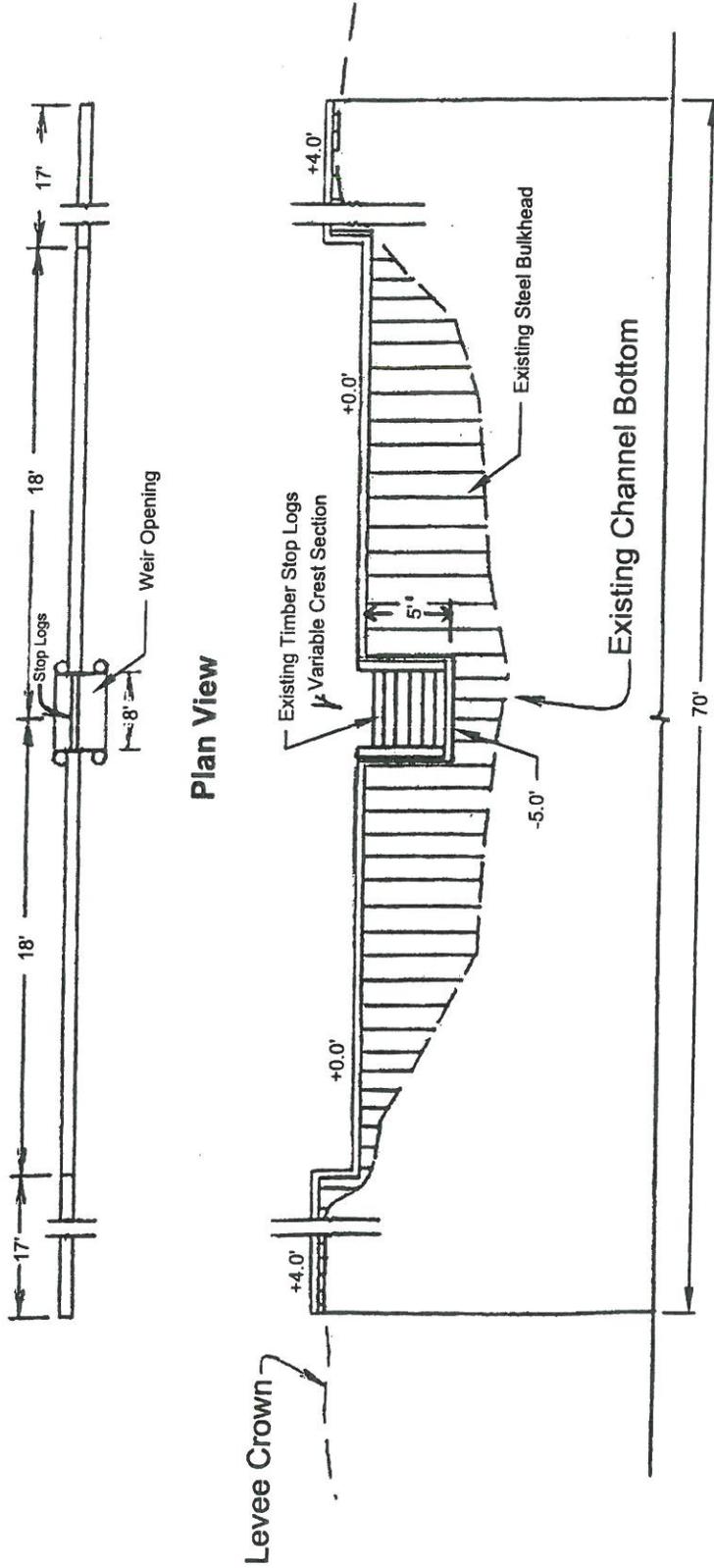
DATE: FEBRUARY 11, 2011

SHEET 11 OF 15

DRAWN BY: CAK

TYPICAL DRAWING

EXISTING WEIR W/VARIABLE CREST SECTION



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BRADY CANAL HYDROLOGIC RESTORATION
 TERREBONNE PARISH, LA

STATE PROJECT NUMBER: 2503-10-32
 FEDERAL PROJECT NUMBER:

OVERALL MAINTENANCE PLAN
 EXISTING WEIR W/VARIABLE
 CREST SECTIONS (STRUCTURE 14)

DATE: FEBRUARY 11, 2011
 SHEET 12 OF 15

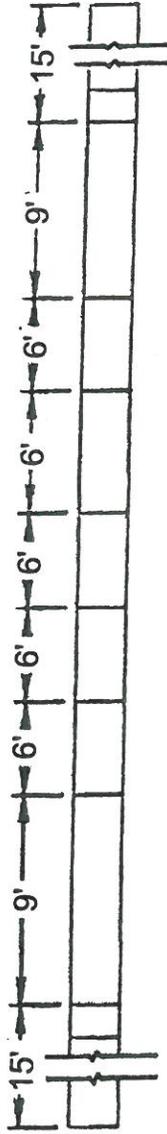
DRAWN BY: CAK

DESIGNED BY: EAC

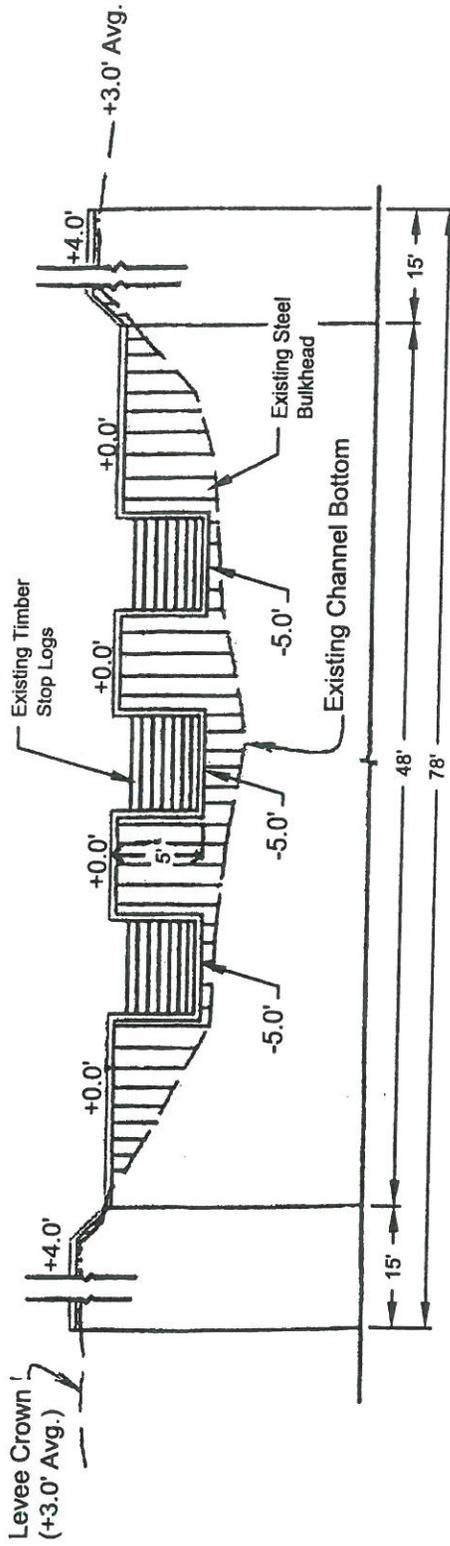
APPROVED BY: DLF

TYPICAL DRAWING

EXISTING WEIR WITH VARIABLE CREST SECTIONS



Plan View



Not to Scale

MALCOLM PIRNIE
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BRADY CANAL HYDROLOGIC RESTORATION
 TERREBONNE PARISH, LA

STATE PROJECT NUMBER: 2503-10-32
 FEDERAL PROJECT NUMBER:

OVERALL MAINTENANCE PLAN
 EXISTING WEIR W/VARIABLE
 CREST SECTIONS (STRUCTURE 21)

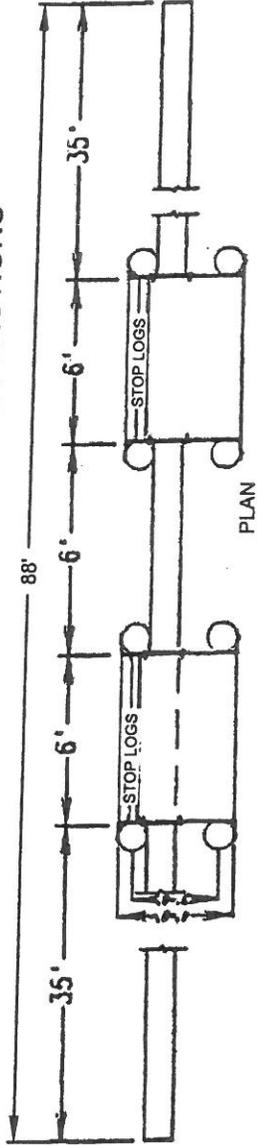
DESIGNED BY: EAC
 APPROVED BY: DLF

DATE: FEBRUARY 11, 2011
 SHEET 13 OF 15

DRAWN BY: CAK

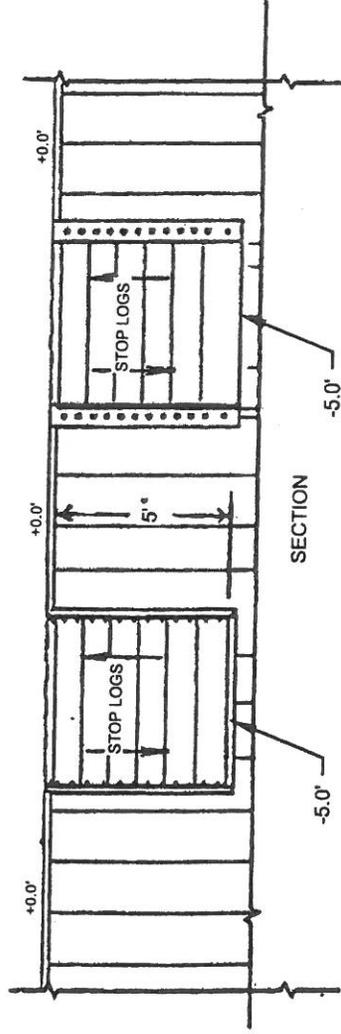
TYPICAL DRAWING

EXISTING WEIR W/VARIABLE CREST SECTIONS



PLAN

Variable Crest Sections



SECTION

NOT TO SCALE

MALCOLM PIRNIE
ARCADIS
 The Water Division of ARCADIS
 3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

APPLICATION BY:
 OFFICE OF COASTAL PROTECTION AND RESTORATION
 1440 TIGER DRIVE, SUITE B
 THIBODAUX, LOUISIANA 70301

**OFFICE OF COASTAL PROTECTION & RESTORATION
 ENGINEERING BRANCH**
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70801

BRADY CANAL HYDROLOGIC RESTORATION
 TERREBONNE PARISH, LA

OVERALL MAINTENANCE PLAN
 EXISTING WEIR W/VARIABLE
 CREST SECTIONS (STRUCTURE 23)

DRAWN BY: CAK

DESIGNED BY: EAC

APPROVED BY: DLF

STATE PROJECT NUMBER: 2503-10-32

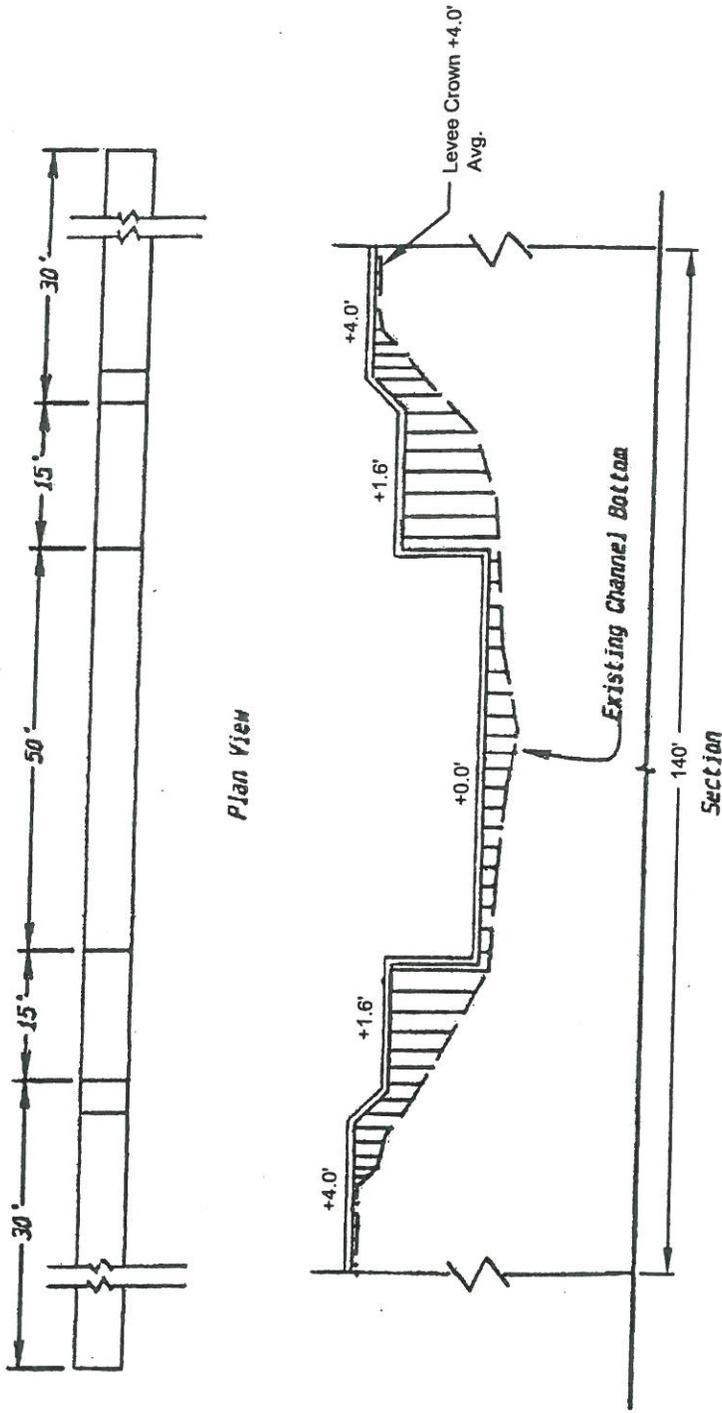
FEDERAL PROJECT NUMBER:

DATE: FEBRUARY 11, 2011

SHEET 14 OF 15

TYPICAL DRAWING

EXISTING FIXED CREST WEIR



MALCOLM PIRNIE | **ARCADIS**
 The Water Division of ARCADIS
 3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

APPLICATION BY:
 OFFICE OF COASTAL PROTECTION AND RESTORATION
 1440 TIGER DRIVE, SUITE B
 THIBODAUX, LOUISIANA 70301

**OFFICE OF COASTAL PROTECTION & RESTORATION
 ENGINEERING BRANCH**
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70801

DESIGNED BY: EAC APPROVED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 TERREBONNE PARISH, LA

STATE PROJECT NUMBER: 2503-10-32
 FEDERAL PROJECT NUMBER:

OVERALL MAINTENANCE PLAN
 EXISTING FIXED CREST WEIR
 (STRUCTURE 24)

DATE: FEBRUARY 11, 2011
 SHEET 15 OF 15

DRAWN BY: CAK

BOBBY JINDAL
GOVERNOR



SCOTT A. ANGELLE
SECRETARY

State of Louisiana
DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

May 13, 2011

Brian Babin
Operation & Maintenance Manager
Office of Coastal Protection and Restoration
1440 Tiger Drive, Suite B
Thibodaux, Louisiana 70301

RE: **C19960231 Mod 7**
Natural Resources Conservation Service
Direct Federal Action
Brady Canal Hydrologic Restoration CWPPRA Project (TE-28), modification for maintenance and installation of a rock riprap apron on each side of three water control structures located in Jug Lake, **Terrebonne Parish, Louisiana**

Dear Mr. Babin:

The above referenced project modification has been reviewed for consistency with the approved Louisiana Coastal Resource Program (LCRP) as required by Section 307 of the Coastal Zone Management Act of 1972, as amended. The modification, as proposed in the application, is consistent with the LCRP. If you have any questions concerning this determination please contact Brian Marcks of the Consistency Section at (225)342-7939 or 1-800-267-4019.

Sincerely,

Gregory J. DuCote
Administrator
Interagency Affairs/Field Services Division

DWF/JDH/bgm

cc: Ron Ventola, NOD-COE
Britt Paul, NRCS, Alexandria
Dave Butler, LDWF
Rod Pierce, CMD/FI
James Miller, Terrebonne Parish

RECEIVED

MAY 17 2011

BY:

Post Office Box 44487 • Baton Rouge, Louisiana 70804-4487
617 North Third Street • 10th Floor • Suite 1078 • Baton Rouge, Louisiana 70802
(225) 342-7591 • Fax (225) 342-9439 • <http://www.dnr.louisiana.gov>

An Equal Opportunity Employer

ATTACHMENT “B”

Pre-Construction Conference Report & Meeting Notes

PRE-CONSTRUCTION CONFERENCE REPORT

DNR CONTRACT NO. 2503-12-23
BRADY CANAL HYDROLOGIC RESTORATION (TE-28)
2012 MAINTENANCE PROJECT
TERREBONNE PARISH, LOUISIANA
GSE PROJECT NO. 621-006-GSE

Wednesday, October 17, 2012
9:00 a.m.

1. INTRODUCTION

- A. All parties in attendance were introduced. The attendance sheet is attached to this report.
- B. The scope of the project was briefly reviewed.

2. OWNER Office of Coastal Protection and Restoration Authority

	<u>NAME</u>	<u>PHONE #</u>	<u>CELL #</u>
PROJECT MANAGER	<u>Adam Ledet</u>	<u>(985) 449-5105</u>	<u>(985) 859-5259</u>
FIELD REP.	<u>Adam Ledet</u>	<u>(985) 449-5105</u>	<u>(985) 859-5259</u>

3. ENGINEER Providence/GSE, GSE Associates, LLC, 991 Grand Caillou Road, Houma, LA 70363

	<u>NAME</u>	<u>PHONE #</u>	<u>CELL #</u>
PROJECT MANAGER	<u>Phil Schexnayder</u>	<u>985-876-6380</u>	<u>985-803-6039</u>
FIELD ENGINEER	<u>Robert Williams, Jr.</u>	<u>985-876-6380</u>	<u>850-832-3837</u>
CONST. ADMIN.	<u>Phil Schexnayder</u>	<u>985-876-6380</u>	<u>985-803-6039</u>
PROJECT REP.	<u>Jimmy Theriot</u>	<u>985-876-6380</u>	<u>985-856-0474</u>

4. CONTRACTOR Southern Delta Construction, LLC; P.O. Box 309, Bourg, LA 70343

	<u>NAME</u>	<u>PHONE #</u>	<u>CELL #</u>
PROJECT MANAGER	<u>Aaron Mayeux</u>	<u>(985) 872-9405</u>	<u>225-252-8268</u>
PROJECT SUPERINT.	<u>Aaron Mayeux</u>	<u>(985) 872-9405</u>	<u>225-252-8268</u>
BACK-UP SUPERINT.	<u>Mike Mayeux</u>	<u>(985) 872-9405</u>	<u>985-209-9884</u>
SAFETY OFFICER	<u>Aaron Mayeux</u>	<u>(985) 872-9405</u>	<u>225-252-8268</u>

5. CONSTRUCTION AGREEMENT

- A. Executed and Recorded Yes No
- B. Copies Distributed Yes No
- C. Payment and Performance Bonds Yes No

6. INSURANCE

- A. Contractual Liability - Certificate Received Yes No
- B. Builder's Risk - Certificate Received Yes No
- C. Owner's/Engineer's Protective Liability - Certificate Received Yes No

Remarks: _____

7. SUBCONTRACTORS

- Applicable to this project Not Applicable to this project
- A. Subcontractors List Received Yes No
- B. List Approved Yes No
- C. MBE's Approved Yes No
- D. Contracts Received Yes No

Remarks: Frisco Construction Company and Bayou Country Surveyor, and
Supplier - Luhr Bros, Inc.

8. PAYROLLS AND LABOR STANDARDS

- Applicable to this project Not Applicable to this project
- A. Certifications Reviewed Yes No
- B. Wage Rates and Rosters Distributed Yes No
- C. Payrolls to be submitted to: Melanie Caillouet Yes No
Name _____
- D. Will job interviews be required Yes No

Remarks: Turn all paperwork in to Melanie Caillouet.

9. **PROGRESS SCHEDULES**

- A. Time to complete project _____ 156 calendar days
B. Amount of liquidated damages _____ \$1,350.00/day
C. Bar Chart Received _____
D. CPM Received Yes No
If not received C and/or D will be submitted by: Yes No
E. Does Contractor expect any unavoidable delays _____
in completing the project on time
If yes, explain: _____ Yes No
Remarks: _____

10. **SHOP DRAWINGS**

- A. Schedule of Submittals Received _____ Yes No
If not, date due: ASAP
B. Distribution of Copies: Contractor will submit 5 copies for review. Submittals will be distributed as follows:
Owner _____ 1 (# of Copies)
Engineer _____ 2 (# of Copies)
Contractor _____ 2 (# of Copies)
C. Has Contractor been informed he must certify submittals before submission:
Failure to comply will result in rejection of submittal. Yes No
Remarks: _____

11. **QUALITY CONTROL**

- A. Quality Control Person: Name Aaron Mayeux
Phone # 225-252-8268
B. Field Superintendent: Name Aaron Mayeux
Phone # 225-252-8268
24 Hr. # _____
C. Authorized to Execute Change Orders and Modifications: Name Mike Mayeux
D. Contractors informed will be responsible for record drawings Yes No
E. Daily Quality Control Form and Report reviewed: Yes No
Remarks: _____

12. ENVIRONMENTAL PROTECTION PLAN
(Burning, Dust Control, Sanitary Facilities, etc.)

Received

If not, date due:

____ Yes No

Remarks: Contractor will provide all environmental protection required.

13. PROJECT SIGN

A. Required by contract

B. Location

____ Yes No

Remarks: _____

14. PERMITS AND APPROVALS OBTAINED

(e.g., Building, COE, DNR, DHH, DOTD, DEQ, Fire Marshal)

Yes ____ No

15. NOTICE TO PROCEED

A. Issued at Meeting

B. Date

C. Construction Start Date

D. Construction Completion Date

Yes ____ No

October 4, 2012

October 18, 2012

March 23, 2013

Remarks: Magnatometer Survey - Monday.

16. MONTHLY PAYMENT REQUESTS

A. Has Schedule of Values been submitted

If not, due date

____ Yes No

B. Has Schedule of Values been approved

C. Pay request ending date will be

Yes ____ No

End of Month

(Day of Month)

D. Time anticipated for review

A. Engineer 4 Days

B. Owner 2 Days

Remarks: Use AIA Payment Documents. Submit pre-app for verification of quantities.

17. A review of the technical plans and specifications was made.
Comments _____

GP-8: Work Plan. Need shop drawings, test results, and sample submittals.

GP-9: Progress Schedule. Work order issued from LA One Call and telephone log.

GP-13: Progress Meetings and Reports (p15). Contractor record details of each meeting.

GP-21: Accident Prevention, Investigations, and Reporting in Work Plan.

GP-24: Land Rights - Contractor to Notify Land Owners.

GP-25: Utilities - Contractor to Notify Utilities.

GP-26: Permits - COE, DNR.

GP-54: As-Built Drawings.

SP-3: Bid Items, Contract Dates and Deliverables.

SP-4: Deliverables.

SP-8: Transportation.

SP-10: Office for Owner. Office on dredge.

SP-11: Landowner and Pipeline Requirements.

TS-201: Surveys.

TS-701: 130 Lb. Class Rock. Tolerances $\pm \frac{1}{2}$ foot barge displacement table.

701.11: Placement of Riprap.

TS-770: Embankment - Measurement of completed embankment.

May not dredge for entire floatation channel. If not, then no warning signs needed.

Tug boat is Caillou Island Towing. Will resubmit updated schedule.

SIGNED:

OWNER _____

DATE _____


CONTRACTOR _____

DATE _____

ENGINEER _____

DATE _____

OTHER _____

DATE _____

PRE-CONSTRUCTION ATTENDANCE LIST

DNR CONTRACT NO. 2503-12-23
 BRADY CANAL HYDROLOGIC RESTORATION (TE-28)
 2012 MAINTENANCE PROJECT
 TERREBONNE PARISH, LOUISIANA

Wednesday, October 17, 2012
 9:00 a.m.

<u>Name</u>	<u>Title</u>	<u>Representing</u>	<u>Contact Information</u>
<u>Robert Williams, Jr., P.E.</u>	<u>Engineer</u>	<u>Providence/GSE</u>	(p) <u>985-876-6380</u> (c) <u>850-832-3837</u> (e) <u>robertwilliams@providenceeng.com</u>
<u>Phil Schexnayder</u>	<u>Project Manager</u>	<u>Providence/GSE</u>	(p) <u>985-876-6380</u> (c) <u>985-803-6039</u> (e) <u>philschexnayder@providenceeng.com</u>
<u>Jimmy Theriot</u>	<u>Project Rep.</u>	<u>Providence/GSE</u>	(p) <u>985-876-6380</u> (c) <u>985-856-0474</u> (e) <u>dw02@rocketmail.com</u>
<u>Melanie Caillouet, P.E.</u>	<u>Project Engineer</u>	<u>Providence/GSE</u>	(p) <u>985-876-6380</u> (c) <u>985-226-4655</u> (e) <u>melaniecaillouet@providenceeng.com</u>
<u>Glen Feigler</u>	<u>Project Rep.</u>	<u>Providence/GSE</u>	(p) <u>985-876-6380</u> (c) <u>985-855-7018</u> (e) _____
<u>Brian Babin</u>	<u>Proj. Mng.</u>	<u>CPRA</u>	(p) <u>985-447-0956</u> (c) <u>985-414-0993</u> (e) _____
<u>FRANCIS FIELDS</u>	<u>SUPERVISOR / LANDOWNER</u>	<u>APPONIA LA MONTEGAS</u>	(p) <u>985-879-3528 Ext 8730</u> (c) <u>985-804-8143</u> (e) <u>francis.fields@apachecolor.com</u>
<u>Michael Mameux</u>	<u>V.P.</u>	<u>Southern Delta Const.</u>	(p) <u>985 872-9405</u> (c) <u>985 872 9884</u> (e) <u>mike@SDCONVIA.COM</u>

State of Louisiana
Office of Coastal Protection & Restoration
Brady Canal Hydrologic Restoration
Jug Lake Area
2012 MAINTENANCE PROJECT
PROJECT (TE-28)

Bi-Weekly Progress Meeting Minutes

Date: Thursday, January 03, 2013

Time: 9:00 AM (Central Time)

Location: Boat Landing

1. Request for Interpretations (Slope to fit) - At structures make the slope fit so as not to block the bottom opening.
2. Field Adjustment Reports (F.A.R.) N/A
3. Change Orders N/A
4. Surveys 100%
5. Breach Closures
6. Pre-Construction Surveys 100%
7. Mobilization/Demobilization 60%
8. Floation Channel N/A
9. Payment Requests - Application No. 1 has been paid
10. Construction Methodology - Rip Rap has been ordered. Will take about three (3) weeks to deliver.
11. Construction Schedule - The low water in the Mississippi River may be the cause of a delivery problem.
12. Other Items – Washouts at the toe of the levee must be brought back to the templet section before final acceptance. Levee at Structure No. 23 is sliding. Will monitor.

State of Louisiana
Office of Coastal Protection & Restoration
Brady Canal Hydrologic Restoration
Jug Lake Area
2012 MAINTENANCE PROJECT
PROJECT (TE-28)

Bi-Weekly Progress Meeting Minutes

Date: Thursday, January 17, 2013

Time: 9:00 AM (Central Time)

Location: Boat Landing

1. Request for Interpretations; Q) How much of the levee to seed. A) Seed to water's edge.
Q) Will washouts on toe of levee be acceptable prior to seeding. A) No, repair prior to seeding.
2. Field Adjustment Reports (F.A.R.); N/A
3. Change Orders; N/A
4. Surveys; Contractor will survey Structures 23 & 24 and submit for approval, for placement of rip Rap.
5. Breach Closures; View Breach Closure No. 6, does not require a 4' crown. (Fill hole)
6. Pre-Construction Surveys; N/A
%
7. Mobilization/Demobilization; N/A
%
8. Floation Channel; N/A
9. Payment Requests; N/A
10. Construction Methodology - Visit Structure No. 21 (197+04 to 197+95 is complete)
Discuss problem with Structures No. 23 & 24
Try adding more material to the structures. Past attempts seem to be gaining ground.

11. Construction Schedule; N/A

12. Other Items; Q) Does piles have pile caps? A) No. page 52, 940.15, a. (3) Tops of all cut creosote timber piling shall be painted with creosote conforming to Louisiana Standard Specifications for Roads and Bridges 1014.03.

State of Louisiana
Office of Coastal Protection & Restoration
Brady Canal Hydrologic Restoration
Jug Lake Area
2012 MAINTENANCE PROJECT
PROJECT (TE-28)

Bi-Weekly Progress Meeting Minutes

Date: Wednesday, January 30, 2013

Time: 8:00 AM (Central Time)

Location: Boat Landing

1. Request for Interpretations
2. Field Adjustment Reports (F.A.R.)
3. Change Orders
4. Surveys – 100%
5. Breach Closures – 136 tons of rip-rap used
6. Post-Construction Surveys: On an as completed basis.
%
7. Mobilization/Demobilization
%
8. Floation Channel
9. Payment Requests
10. Construction Methodology – Rip rap has been delivered and Contractor started placement.
11. Construction Schedule – Contractor requesting the off-loading of the remaining rock barges.
Contractor to submit submittal for off-loading
12. Other Items – Structure No. 23, right side, fabric sliding. Left side, borrow material still settling.

State of Louisiana
Office of Coastal Protection & Restoration
Brady Canal Hydrologic Restoration
Jug Lake Area
2012 MAINTENANCE PROJECT
PROJECT (TE-28)

Bi-Weekly Progress Meeting Minutes

Date: Thursday, February 14, 2013

Time: 9:00 AM (Central Time)

Location: Boat Landing

1. Request for Interpretations
2. Field Adjustment Reports (F.A.R.)
3. Change Orders
4. Surveys – 100%
5. Breach Closures – Breach closed
6. Post-Construction Surveys: On an as completed basis.
%
7. Mobilization/Demobilization
%
8. Floation Channel
9. Payment Requests
10. Construction Methodology –
11. Construction Schedule – Still need submittal on off-loading of the remaining rock barges.
12. Other Items – Structure No. 23, discussion of solution. # 24, discussion on solution. Written solutions are forthcoming.

State of Louisiana
Office of Coastal Protection & Restoration
Brady Canal Hydrologic Restoration
Jug Lake Area
2012 MAINTENANCE PROJECT
PROJECT (TE-28)

Bi-Weekly Progress Meeting Agenda

Date: Thursday, February 28, 2013

Time: 9:00 AM (Central Time)

Location: Boat Landing

1. Request for Interpretations
2. Field Adjustment Reports (F.A.R.)
3. Change Orders - Field Change No. 1 to modify Structure No. 23 left side.
4. Surveys – 100%
5. Breach Closures – Breach closed
6. Post-Construction Surveys: On an as completed basis.
%
7. Mobilization/Demobilization
%
8. Floation Channel
9. Payment Requests - No. 2 is being processed.
10. Construction Methodology – Update on Structure No. 23 left side. Structure No. 23 left side is approved for rip rap placement and No 24 right side is being re-looked at for rip rap placement.
11. Construction Schedule – Completion date is 03-23-13. 23 days remaining. Report on completion schedule. Will be close to completion date. Wants to suspend 14 day on application of fertilizer from time frame.

12. Other Items – Levee acceptance, station by station. Will prepare field change.

State of Louisiana
Office of Coastal Protection & Restoration
Brady Canal Hydrologic Restoration
Jug Lake Area
2012 MAINTENANCE PROJECT
PROJECT (TE-28)

Bi-Weekly Progress Meeting Minutes

Date: Thursday, March 14, 2013
Time: 9:00 AM (Central Time)
Location: Falgout Canal Boat Landing

1. Request for Interpretations; *None*
2. Field Adjustment Reports (F.A.R.) Outstanding Field Change No. 1; *Will sign after response to correspondence of February 27, 2013.*
3. Change Orders - Discussion of Claims; *Willing to add 30 additional days to contract time. Not increase contract price.*
4. Surveys – Complete Final set of Survey as per specifications; *Include Auto Cad Files, Point Files, and Quantity Calculations.*
5. Breach Closures – Breach closed
6. Post-Construction Surveys: On an as completed basis. Complete Final set of Survey as per specifications.
7. Mobilization/Demobilization
 %
8. Floation Channel N/A
9. Payment Requests - *No. 2 is being processed.*
10. Construction Methodology – Update on Structure No. 23 left side and No 24 right side and levee repair; *Structures No. 23 & 24 are approved for placement of rip-rap.*

11. Construction Schedule – Completion date is 03-23-13. 10 days remaining.

Report on completion schedule. *Additional contract time will be added to contract time, provided Contractor repairs levee as per Change Order No. 1.*

12. Other Items – Levee acceptance and Seeding & Fertilizing. *Levee will be accepted at approval of Project Representative. Seeding and Fertilizing can be applied at the same time.*

State of Louisiana
Office of Coastal Protection & Restoration
Brady Canal Hydrologic Restoration
Jug Lake Area
2012 MAINTENANCE PROJECT
PROJECT (TE-28)

Bi-Weekly Progress Meeting Agenda

Date: Thursday, November 08, 2012

Time: 9:00 AM (Central Time)

Location: Boat Landing

1. Request for Interpretations (There is a conflict in warning sign material. Paragraph 810.2-plywood. Paragraph 810.3-"As shown on plans (sheet 48 of 48)" "3/16" Plate Aluminum".) Sheet 48 of 48 calls for 12" x 50' pile on warning sign, paragraph 810.2 calls for 40' long timber pile. OCPR will check with Arcadis about correct length.
2. Field Adjustment Reports (F.A.R.) (*Report on work around pipe lines*) In contact with Apache Pipeline.
3. Change Orders: N/A
4. Surveys: Mag survey – probing last line. Preconstruction survey 100% complete.
5. Breach Closures: Rip Rap will be placed between station 150+00 and 200+00.
6. Pre-Construction Surveys:
100% - Mag survey 95%
7. Mobilization/Demobilization
60%
8. Floatation Channel: N/A
9. Payment Requests: Application for Payment No. 1 will be submitted this week.
10. Construction Methodology: No change. Fresco will start work the week after Thanksgiving. Pipeline at station 146+00 may be in conflict.

11. Construction Schedule: On schedule

12. Other Items: If there are two (2) shifts working, a daily report for each shift will have to be submitted. Contractor requested a partial payment be made on dredging embankment. According to paragraph 770.4, Measurement and Payment, payment will be made by measurement of the completed embankment along the centerline.

State of Louisiana
Office of Coastal Protection & Restoration
Brady Canal Hydrologic Restoration
Jug Lake Area
2012 MAINTENANCE PROJECT
PROJECT (TE-28)

Bi-Weekly Progress Meeting Agenda Minutes

Date: Thursday, November 29, 2012

Time: 9:00 AM (Central Time)

Location: Boat Landing

1. Request for Interpretations – Signs shall be of aluminum and piles 50' long.
2. Field Adjustment Reports (F.A.R.) Conflict with pipelines at station 146+00. Pipelines were removed by owner.
3. Change Orders N/A
4. Surveys Mag survey is 100%
5. Breach Closures: The camp will be removed to avoid conflict with breach repair.
6. Pre-Construction Surveys
100%
7. Mobilization/Demobilization
60%
8. Floation Channel: N/A
9. Payment Requests: Application for Payment No. 1 has been processed.
10. Construction Methodology: Fresco to start Monday on dolphin
11. Construction Schedule: Dolphin work to start Monday (12-03-12). Rip rap to be ordered 30 days after dressing
12. Other Items

State of Louisiana
Office of Coastal Protection & Restoration
Brady Canal Hydrologic Restoration
Jug Lake Area
2012 MAINTENANCE PROJECT
PROJECT (TE-28)

Bi-Weekly Progress Meeting Agenda

Date: Thursday, December 13, 2012

Time: 9:00 AM (Central Time)

Location: Boat Landing

1. Request for Interpretations; Increase fabric overlap at structures. Realign crown of earthen embankment to match structures.
2. Field Adjustment Reports (F.A.R.); N/A
3. Change Orders; N/A
4. Surveys; 100%
5. Breach Closures; The camp that was in conflict has been moved.
6. Pre-Construction Surveys; 100%
7. Mobilization/Demobilization; 60%
8. Floation Channel; N/A
9. Payment Requests; Partial Payment No. 1 has been sent to State Purchasing. Contractor has not received payment thus far.
10. Construction Methodology; Fresco has finished replacing the two (2) dolphins on the west side.
11. Construction Schedule; 50% of the embankment placed has been setting for 30 days. Contractor is near ordering rock.

12. Other Items; Contractor questioned whether to order quantity of rock bid or quantity calculated. In letter attached, Contractor informed to order contract quantity. Seed & Fertilize will be the last item performed. It will require hand work.

ATTACHMENT “C”

Change Orders & Field Change



PROVIDENCE/GSE
GSE ASSOCIATES, LLC

GSE Project No. 621-006-000

June 17, 2013

Mr. Adam Ledet
Operation/Maintenance Manager
Louisiana Department of Natural Resources
Coastal Protection and Restoration Authority
1440 Tiger Drive, Suite B
Thibodaux, LA 70301

Re: DNR Contract No. 2503-12-23
Brady Canal Hydrologic Restoration (TE-28)
2012 Maintenance Project
Terrebonne Parish, Louisiana

Dear Mr. Ledet:

Attached please find Change Order No. 1 (Balancing) for your review and approval. Upon approval, please sign all copies of the change order in the space provided and return two (2) copies to me.

Should you have any questions or require additional information, please contact me at 991 Grand Caillou Road, Houma, Louisiana, 70363, phone number (985) 876-6380, fax number (985) 876-0621.

Sincerely,

Providence/GSE Associates, LLC

Richard L. Lottinger

RLL/md

Attachment

CHANGE ORDER

Dated May 21, 2013

OWNER's Project No. 2503-12-23 ENGINEER's Project No. 621-006-000

Brady Canal Hydrologic Restoration (TE-28)
 2012 Maintenance Project
 Project: Terrebonne Parish, Louisiana

CONTRACTOR Southern Delta Construction, LLC

Contract For Levee Restoration Contract Date October 4, 2012

To: Southern Delta Construction, LLC

CONTRACTOR

You are directed to make the changes noted below in the subject Contract:

State of Louisiana - Office of Coastal Protection
 and Restoration Authority
 OWNER

By

Dated _____, 2013

Nature of the Changes:

- 1) Adjustment of estimated contract item quantities.

Enclosures:

Balance Sheet.

These changes result in the following adjustment of Contract Price and Contract Time:

Contract Price Prior to This Change Order	\$ 1,351,000.00
Net (Increase) (Decrease) Resulting from this Change Order	\$ 2,636.25
Current Contract Price Including This Change Order	\$ 1,353,636.25

Contract Time Prior to This Change Order 156 days - March 23, 2013
(Days or Date)
Net (Increase) (~~Decrease~~) Resulting from This Change Order 3 days
(Days)
Current Contract Time Including This Change Order 159 days - March 26, 2013
(Days or Date)

The Above Changes Are Approved:

Providence/GSE Associates, LLC
ENGINEER

By *Robert E. Wall, Jr.*

Dated *6/18*, 2013

Contractor acknowledges that the values set forth in this change order include any and all claims for additional compensation due to equitable adjustment resulting from any addition, deletion or revision in the Work, or changes in contract time.

The Above Changes Are Accepted:

Southern Delta Construction, LLC
CONTRACTOR

By *Will Ryan*

Dated *June 13,*, 2013



PROVIDENCE/GSE
GSE ASSOCIATES, LLC

GSE Project No. 621-006-GSE

February 15, 2013

Mr. Michael Mayeux, President
Southern Delta Construction, LLC
P. O. Box 309
Bourg, LA 70343

Re: DNR Contract No. 2503-12-23
Brady Canal Hydrologic Restoration (TE-28)
2012 Maintenance Project
Terrebonne Parish, Louisiana

Dear Mr. Mayeux:

Attached please find Field Change No. 1 for your review and approval. Upon approval, please sign all copies of the field change in the space provided and return to me for further processing.

Should you have any questions or require additional information, please contact me at 991 Grand Caillou Road, Houma, Louisiana, 70363, phone number (985) 876-6380, fax number (985) 876-0621.

Sincerely,

Providence/GSE
GSE Associates, LLC

Richard L. Loftinger

RLL/dbp

Attachment

cc: Mr. Adam Ledet - OCPR Task Manager w/attachment

FIELD CHANGE NO. 1

February 14, 2013

DNR CONTRACT NO. 2503-12-23
BRADY CANAL HYDROLOGIC RESTORATION (TE-28)
2012 MAINTENANCE PROJECT
TERREBONNE PARISH, LOUISIANA
GSE PROJECT NO. 621-006-GSE

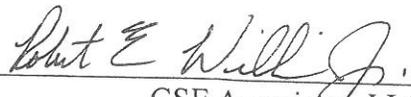
FIELD CHANGE:

1. Plan Sheet 26 of 48, Structure No. 23:

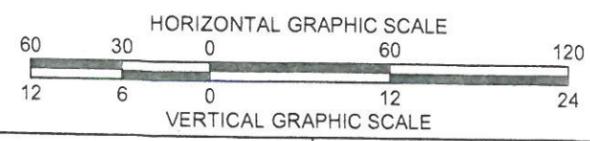
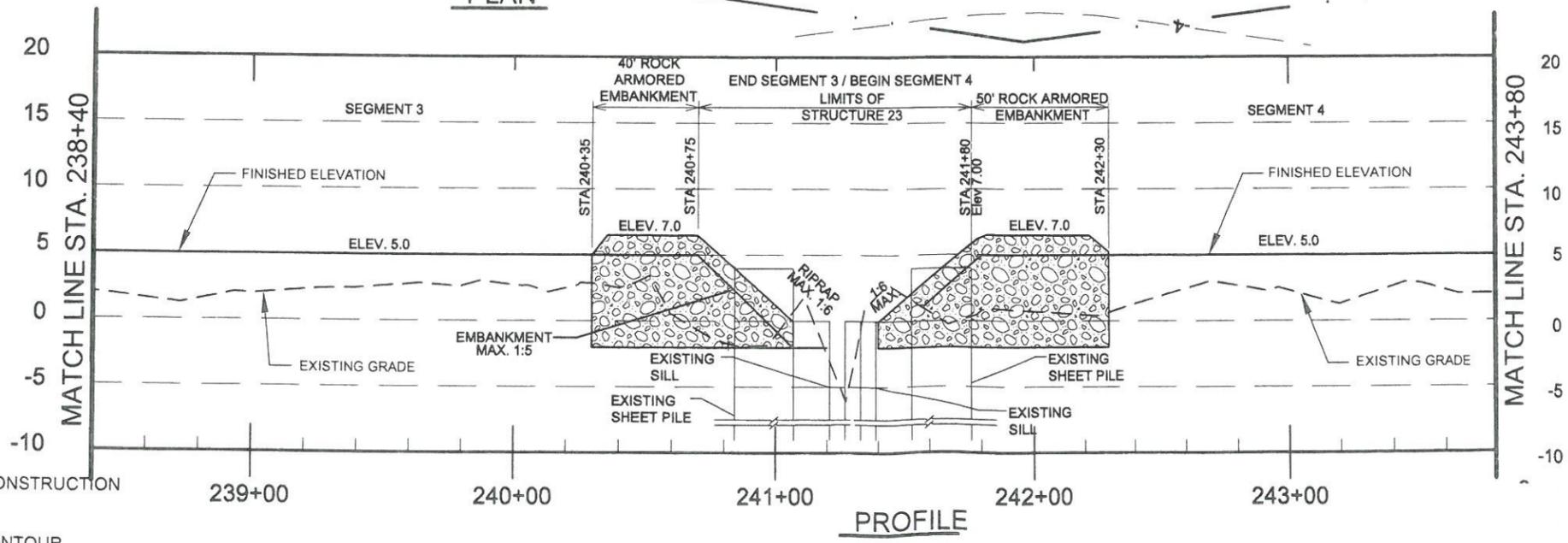
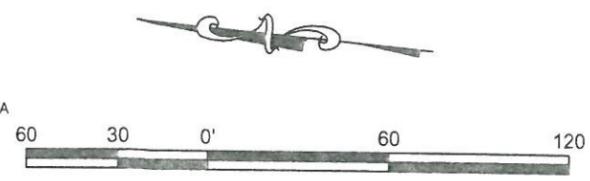
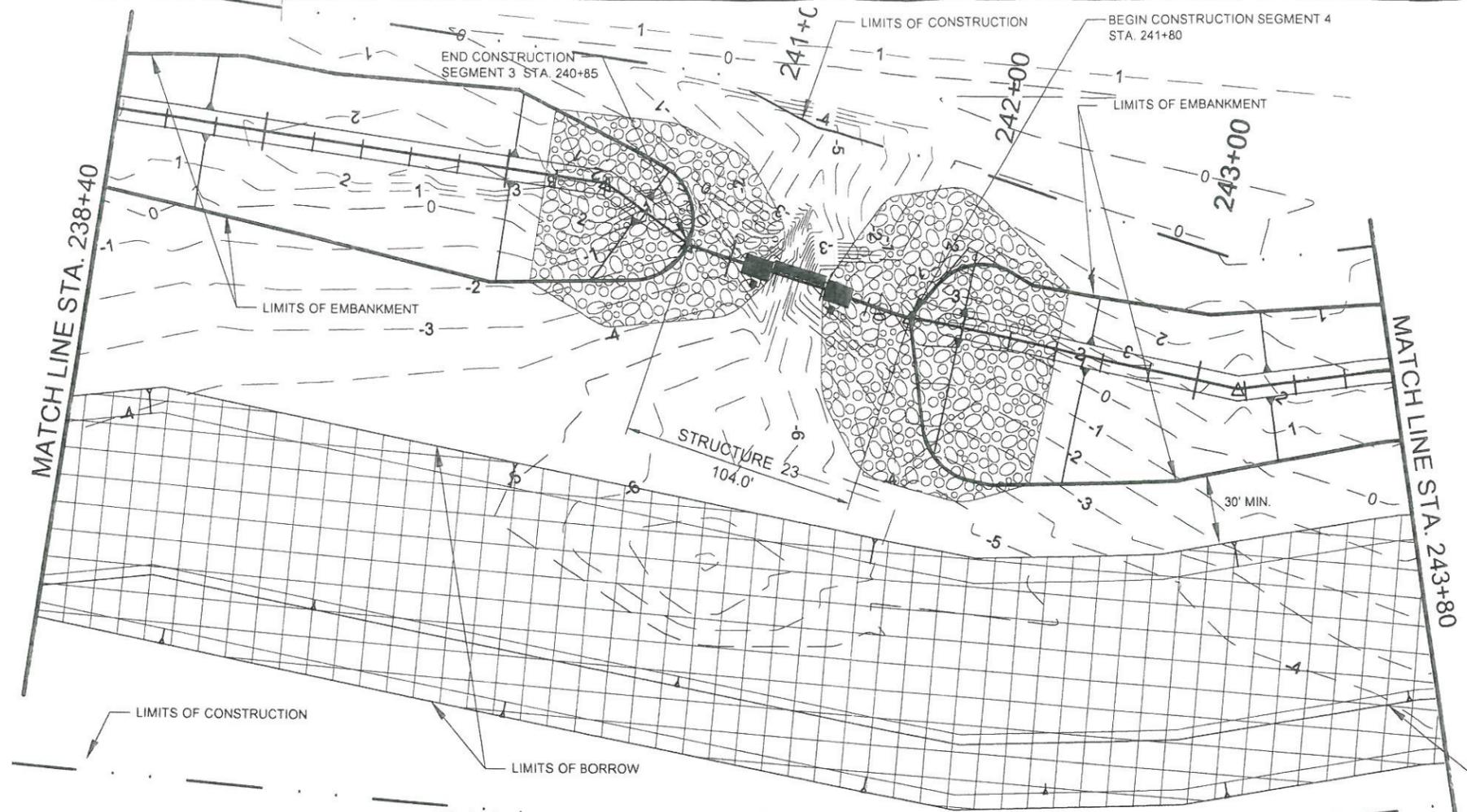
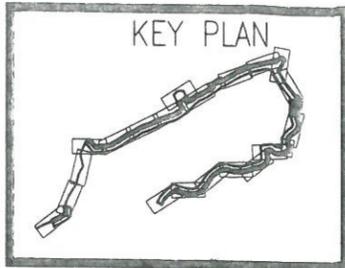
Revise profile of north side of riprap levee and slope as per attached sheet.

Note: This field change will not require any additional compensation or additional contract time.

Southern Delta Construction, LLC


GSE Associates, LLC

State of Louisiana
Office of Coastal Protection and Restoration Authority



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28

FEDERAL PROJECT NUMBER: TE-28

APPROVED BY: DE

PLAN AND PROFILE
 STRUCTURE NO. 23

DATE: APRIL 16, 2012

SHEET 26 OF 48

ATTACHMENT “D”

Notice of Acceptance



PROVIDENCE/GSE

GSE Project No. 621-006-000

June 24, 2013

Mr. Adam Ledet
Coastal Protection and Restoration
Authority of Louisiana (CPRA)
1440 Tiger Drive, Suite B
Thibodaux, LA 70301

Re: DNR Contract No. 2503-12-23
Brady Canal Hydrologic Restoration (TE-28)
2012 Maintenance Project
Terrebonne Parish, Louisiana

Dear Mr. Ledet:

The above referenced project appears to have been constructed in substantial compliance with the plans and specifications and we have received the Final Balancing Change Order signed by Mr. Mike Mayeux of Southern Delta Construction (a copy of which has been forwarded to you under separate cover). It is our recommendation that CPRA accept the project as constructed.

Should you have any questions or require additional information, please contact me at 991 Grand Caillou Road, Houma, Louisiana, 70363, phone number (985) 876-6380, fax number (985) 876-0621.

Sincerely,

Providence/GSE Associates, LLC

Robert E. Williams, Jr.
Robert E. Williams, Jr., P.E.

REWjr/jho

Attachment

cc: Mr. Brian Babin, P.E. - O CPR Operation/Maintenance Manager
Mr. Phil Schexnayder - GSE Associates, LLC
Mr. Mike Mayeux - Southern Delta Construction

ATTACHMENT “E”

As-Built Drawings

This record drawing has been prepared, based upon information and changes noted during construction from a variety of sources including that information furnished by contractor and subcontractor. While this information is believed to be reliable, Providence/GSE assumes no responsibility for any inaccuracies, errors or omissions which may have been incorporated into it as a result of incorrect information provided to us. Those relying on this record document are advised to obtain independent verification of the actual conditions that exist.

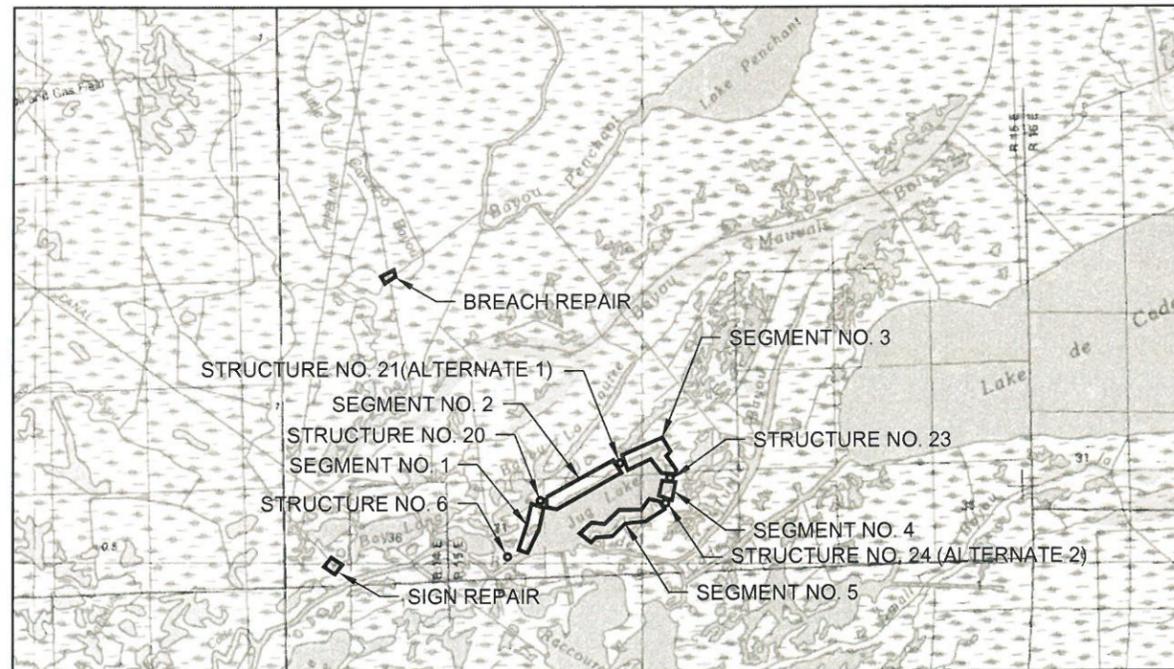
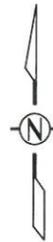
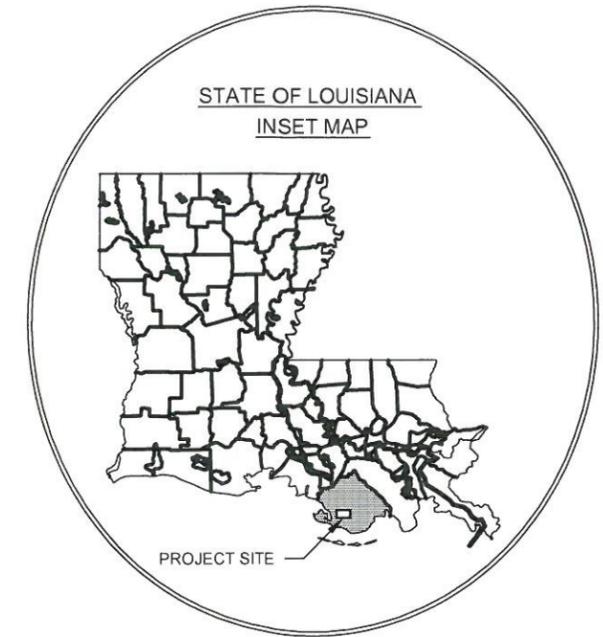
AS-BUILT DRAWING

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SUMMARY OF ESTIMATED QUANTITIES & GENERAL NOTES
3	TYPICAL SECTIONS
4	OVERALL PROJECT MAP
5	SURVEY BENCHMARKS AND COORDINATE TABLES
6	ALIGNMENT PLAN - JUG LAKE SEGMENT NO. 1
7	ALIGNMENT PLAN - JUG LAKE SEGMENT NO. 2
8	ALIGNMENT PLAN - JUG LAKE SEGMENT NO. 3
9	ALIGNMENT PLAN - JUG LAKE SEGMENT NO. 4
10	ALIGNMENT PLAN - JUG LAKE SEGMENT NO. 5
11	ALIGNMENT PLAN - BREACH NO. 6
12 - 14	PLAN AND PROFILE - JUG LAKE SEGMENT NO. 1
15	PLAN AND PROFILE - STRUCTURE NO. 20
16 - 20	PLAN AND PROFILE - JUG LAKE SEGMENT NO. 2
21	PLAN AND PROFILE - STRUCTURE NO. 21
22 - 25	PLAN AND PROFILE - JUG LAKE SEGMENT NO. 3
26	PLAN AND PROFILE - STRUCTURE NO. 23
27	PLAN AND PROFILE - JUG LAKE SEGMENT NO. 4
28	PLAN AND PROFILE - STRUCTURE NO. 24
29 - 34	PLAN AND PROFILE - JUG LAKE SEGMENT NO. 5
35	PLAN AND PROFILE - BREACH NO. 6
36	CROSS SECTIONS - JUG LAKE SEGMENT NO. 1
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42 - 43	CROSS SECTIONS - JUG LAKE SEGMENT NO. 4
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47 - 48	DETAILS
49	LEVEE QUANTITY TABLE
50	BORROW QUANTITY TABLE

STATE OF LOUISIANA
OFFICE OF COASTAL PROTECTION & RESTORATION

BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT
(TE-28)
TERREBONNE PARISH, LOUISIANA



RESTORATION ENGINEERING CHIEF

ENGINEER MANAGER

PROJECT ENGINEER



LICENSURE CLASSIFICATION REQUIREMENTS
HEAVY CONSTRUCTION

REV.	DATE	DESCRIPTION	BY

MALCOLM PIRNIE | **ARCADIS**
The Water Division of ARCADIS
3850 N. CAUSEWAY BLVD, SUITE 1600
METAIRIE, LOUISIANA 70002
T. 504.832.4174 | F. 504.832.2145

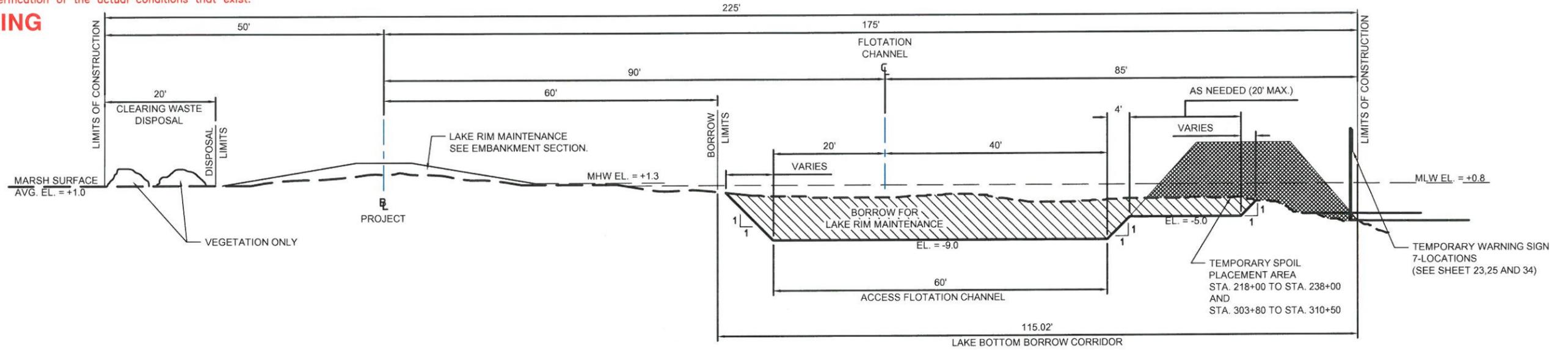
OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70804
DRAWN BY: MQJ | DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT
STATE PROJECT NUMBER: TE-28
FEDERAL PROJECT NUMBER: TE-28
APPROVED BY: DLF

TITLE SHEET
DATE: APRIL 16, 2012
SHEET 1 OF 50

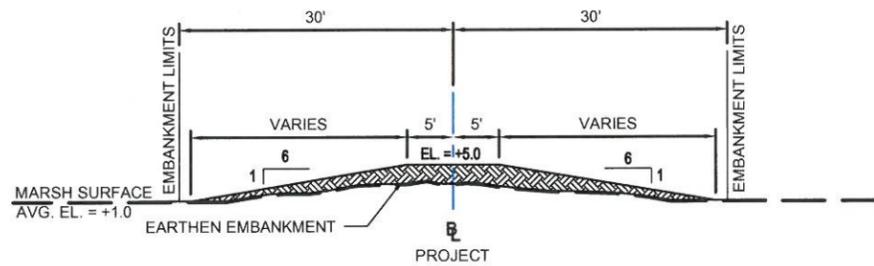
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AS-BUILT DRAWING



BORROW AND FLOTATION CHANNEL

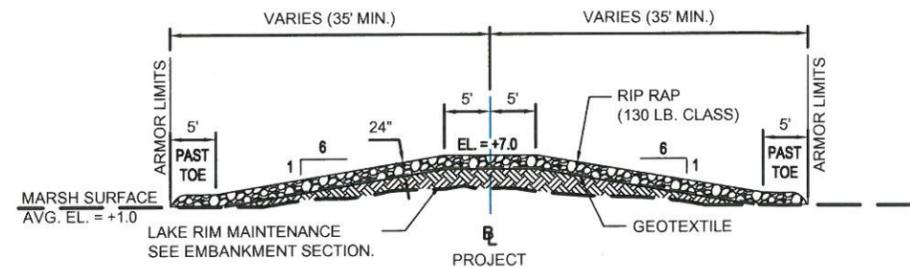
N.T.S.



EARTH EMBANKMENT

N.T.S.

- STA. 105+80 TO STA. 112+60
- STA. 137+65 TO STA. 173+00
- STA. 184+00 TO STA. 196+28
- STA. 197+35 TO STA. 218+40
- STA. 238+00 TO STA. 240+85
- STA. 241+80 TO STA. 255+23
- STA. 256+44 TO STA. 303+62



ROCK ARMORED EARTH EMBANKMENT

N.T.S.

- STA. 195+28 TO STA. 198+35 ALT. 1
- STA. 240+35 TO STA. 242+30 BASE BID
- STA. 254+23 TO STA. 257+45 ALT. 2

REV.	DATE	DESCRIPTION	BY

MALCOLM PIRNIE | **ARCADIS**
The Water Division of ARCADIS
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OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ

DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28

FEDERAL PROJECT NUMBER: TE-28

APPROVED BY: DE

TYPICAL SECTIONS

DATE: APRIL 16, 2012

SHEET 3 OF 50

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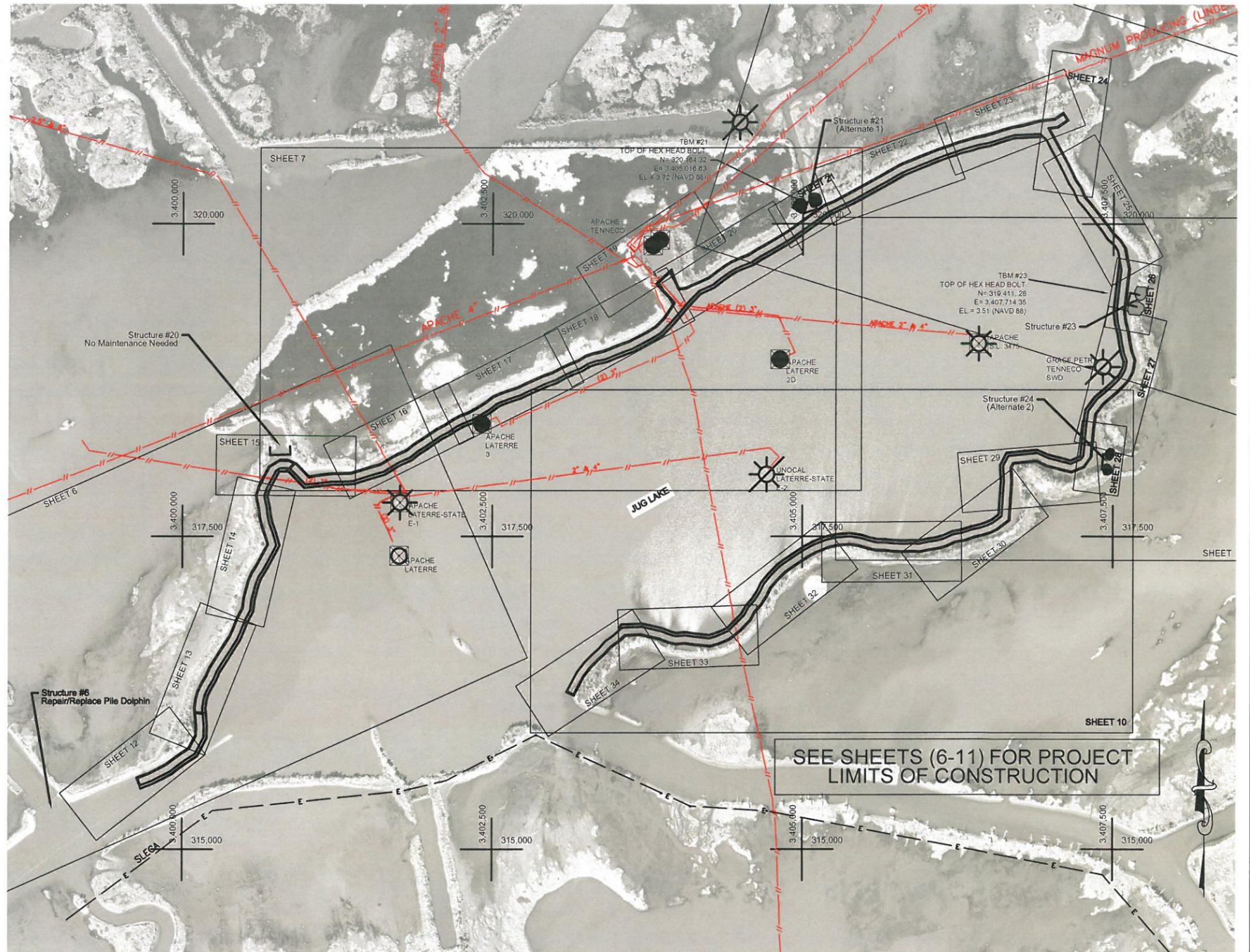
AS-BUILT DRAWING



BREACH REPAIR NO. 6



SIGN REPAIRS AT STRUCTURE #10



LAKE RIM EMBANKMENT AT JUG LAKE



SEE SHEETS (6-11) FOR PROJECT LIMITS OF CONSTRUCTION

REV.	DATE	DESCRIPTION	BY

MALCOLM PIRNIE | **ARCADIS**
The Water Division of ARCADIS
 3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

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DRAWN BY: MQJ

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BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

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APPROVED BY: DE

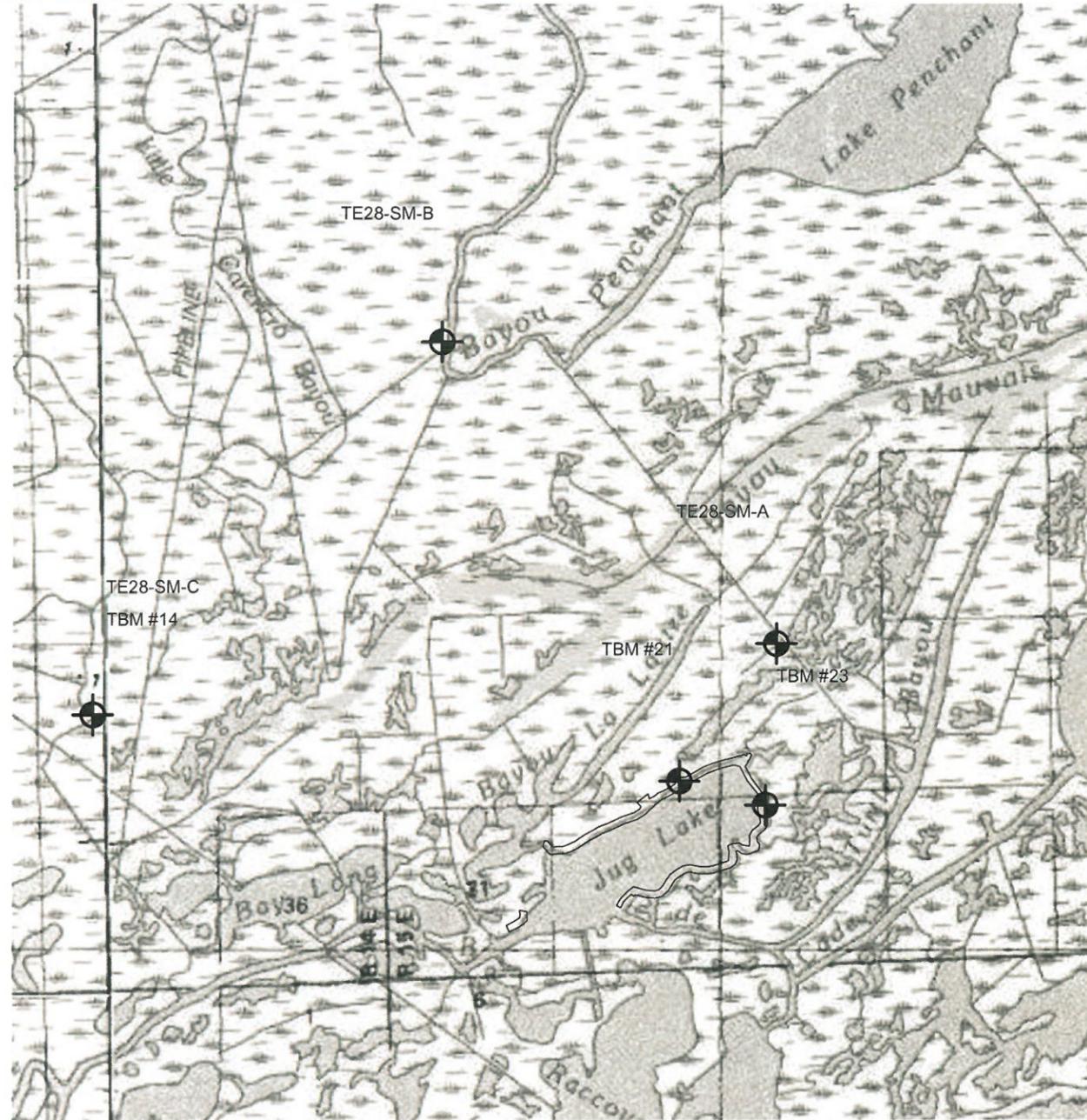
OVERALL PROJECT MAP

DATE: APRIL 16, 2012

SHEET 4 OF 50

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AS-BUILT DRAWING



BRADY CANAL HYDROLOGIC RESTORATION
SURVEY BENCHMARKS

TE28-SM-A
NGS STYLE FLOATING SLEEVE MONUMENT
SUPERIOR CANAL, PRIVATE CAMP FRONT YARD
N: 324,457.87
E: 3,408,054.77
EL: 2.52'

TE28-SM-B
NGS STYLE FLOATING SLEEVE MONUMENT
BAYOU PENCHANT, CASTEX LATERRRE CAMP
N: 333,906.27
E: 3,397,496.74
EL: 1.89'

TE28-SM-C
NGS STYLE FLOATING SLEEVE MONUMENT
CARENCRO BAYOU, CONTROL STRUCTURE #14
N: 322,262.24
E: 3,386,557.63
EL: 3.80'

TBM #14
TOP OF HEX HEAD BOLT
CARENCRO BAYOU, CONTROL STRUCTURE #14
N: 322,246.13
E: 3,386,562.02
EL: 3.57'

TBM #21
TOP OF HEX HEAD BOLT
JUG LAKE, CONTROL STRUCTURE #21
N: 320,164.32
E: 3,405,016.63
EL: 3.72'

TBM #23
TOP OF HEX HEAD BOLT
JUG LAKE, CONTROL STRUCTURE #23
N: 319,411.28
E: 3,407,714.35
EL: 3.51'

JUG LAKE SEGMENT NO. 1

ID	STATION	EASTING	NORTHING
1	100+00.00	3399109.78	315393.49
2	102+22.09	3399306.95	315495.72
3	104+46.53	3399511.86	315587.28
4	105+86.20	3399641.43	315639.44
5	107+98.50	3399831.90	315733.19
6	110+60.00	3400052.77	315873.19
7	112+10.97	3400055.56	316024.14
8	112+97.55	3400040.07	316109.33
9	114+41.96	3400059.09	316252.48
10	116+56.64	3400151.15	316446.41
11	120+13.91	3400343.33	316747.59
12	122+22.19	3400418.03	316942.01
13	124+54.42	3400476.57	317166.75
14	125+82.64	3400527.60	317284.37
15	127+49.76	3400623.66	317421.11
16	129+57.42	3400566.72	317620.82
17	131+74.62	3400520.39	317833.02
18	133+26.27	3400578.94	317972.90
19	136+00.52	3400703.51	318217.23

JUG LAKE SEGMENT NO. 3

ID	STATION	EASTING	NORTHING
47	197+39.47	3405087.18	320189.00
48	198+95.27	3405232.24	320245.85
49	205+42.67	3405800.35	320556.30
50	208+90.56	3406125.10	320681.06
51	211+46.75	3406370.30	320755.30
52	214+66.55	3406679.94	320835.24
53	218+49.54	3407049.83	320934.56
54	219+82.00	3407127.01	321042.20
55	220+98.14	3407230.60	321094.73
56	221+83.22	3407305.42	321054.22
57	222+67.09	3407348.30	320982.14
58	223+26.23	3407327.45	320926.80
59	227+00.40	3407128.85	320609.68
60	230+73.28	3407308.06	320282.69
61	237+85.76	3407748.10	319722.35
62	240+40.39	3407733.89	319468.11

JUG LAKE SEGMENT NO. 4

ID	STATION	EASTING	NORTHING
64	241+78.06	3407691.85	319338.62
65	243+17.19	3407674.22	319200.60
66	246+00.92	3407733.05	318923.04
67	247+21.94	3407730.55	318802.05
68	248+64.09	3407657.57	318680.06
69	250+24.48	3407534.34	318557.38
70	251+33.00	3407451.43	318507.38
71	252+41.81	3407400.39	318411.28
72	254+13.74	3407419.77	318240.45
73	254+71.90	3407461.62	318200.06
74	255+17.98	3407473.73	318155.59

JUG LAKE SEGMENT NO. 2

ID	STATION	EASTING	NORTHING
20	137+63.36	3400866.20	318224.31
21	139+99.24	3401026.75	318051.49
22	141+75.96	3401202.49	318070.01
23	143+36.57	3401363.10	318069.00
24	145+11.13	3401529.71	318121.06
25	147+57.17	3401749.62	318231.41
26	151+13.30	3402045.64	318429.41
27	154+25.97	3402322.83	318574.06
28	156+33.05	3402499.45	318682.18
29	159+43.14	3402788.89	318793.42
30	164+38.35	3403238.20	319001.64
31	168+26.82	3403606.70	319124.62
32	170+80.13	3403818.60	319263.42
33	172+09.53	3403878.64	319378.04
34	174+85.41	3403690.06	319579.41
35	176+96.52	3403598.73	319769.74
36	178+41.62	3403685.93	319885.72
37	179+78.18	3403817.17	319923.47
38	181+04.64	3403941.86	319902.38
39	182+71.57	3403988.89	319742.21
40	184+78.83	3404031.46	319539.37
41	186+84.52	3404216.67	319628.97
42	188+77.53	3404370.78	319745.09
43	190+08.33	3404490.97	319796.69
44	192+13.42	3404674.48	319888.24
45	194+91.70	3404908.92	320038.17
46	196+31.62	3404984.54	320155.90

BRADY CANAL BREACH NO. 6

ID	STATION	EASTING	NORTHING
102	1+00.00	3392457.72	329935.17
103	1+51.76	3392474.64	329984.08
104	1+72.79	3392486.35	330001.55
105	2+26.10	3392486.35	330054.87
106	2+48.43	3392507.17	330062.93
107	2+69.97	3392522.62	330047.92
108	3+23.99	3392576.13	330040.53

JUG LAKE SEGMENT NO. 5

ID	STATION	EASTING	NORTHING
75	256+40.43	3407463.35	318033.59
76	257+63.64	3407345.97	317996.14
77	258+83.47	3407239.21	317941.72
78	259+92.06	3407131.99	317924.56
79	261+23.75	3407001.62	317943.15
80	262+86.10	3406871.67	318040.47
81	264+15.37	3406746.23	318009.22
82	265+77.03	3406778.25	317850.77
83	267+15.88	3406786.93	317712.19
84	268+41.48	3406733.40	317598.57
85	270+23.00	3406588.80	317488.83
86	275+41.08	3406092.96	317338.67
87	277+05.51	3405930.85	317311.14
88	279+81.76	3405654.66	317317.15
89	282+84.71	3405356.83	317372.58
90	284+52.76	3405191.22	317344.05
91	286+85.56	3404991.96	317223.68
92	288+58.78	3404852.31	317121.20
93	290+39.16	3404750.79	316972.10
94	292+69.25	3404631.84	316775.14
95	295+22.06	3404442.11	316608.06
96	297+18.90	3404252.72	316554.39
97	300+28.86	3403943.70	316578.43
98	303+61.72	3403624.13	316671.55
99	307+10.56	3403364.22	316438.87
100	308+12.82	3403297.03	316361.79
101	310+01.67	3403208.19	316195.15

REV	DATE	DESCRIPTION	BY

MALCOLM PIRNIE | **ARCADIS**
The Water Division of ARCADIS
3850 N. CAUSEWAY BLVD, SUITE 1600
METAIRIE, LOUISIANA 70002
T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET
BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ

DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28

FEDERAL PROJECT NUMBER: TE-28

APPROVED BY: DE

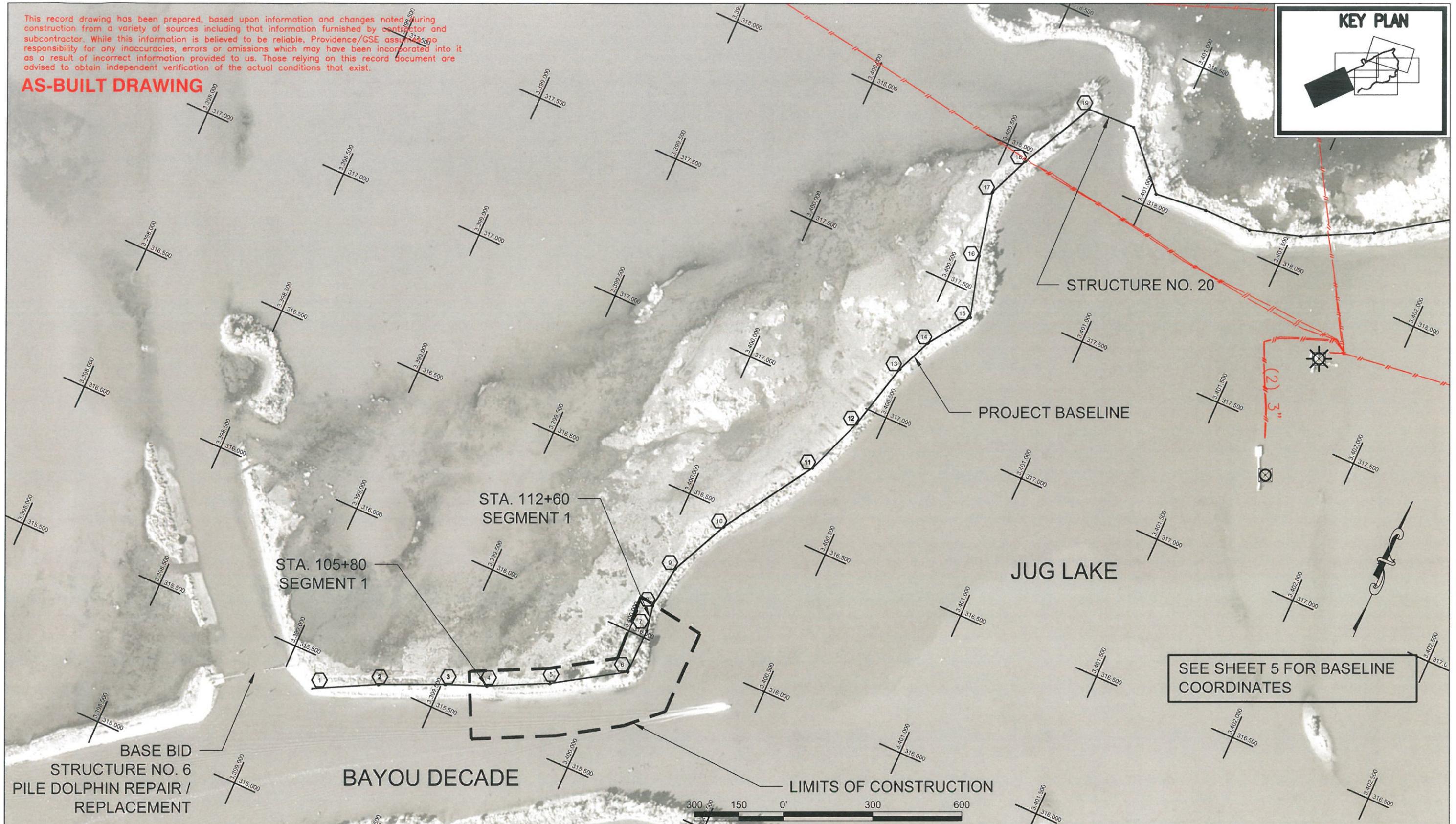
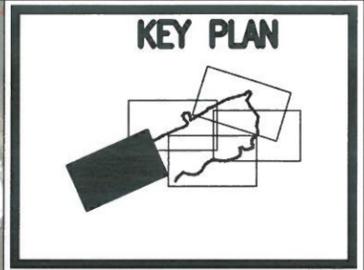
SURVEY BENCHMARKS AND
COORDINATE TABLES

DATE: APRIL 16, 2012

SHEET 5 OF 50

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AS-BUILT DRAWING



REV.	DATE	DESCRIPTION	BY

MALCOLM PIRNIE | **ARCADIS**
The Water Division of ARCADIS
 3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ | DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
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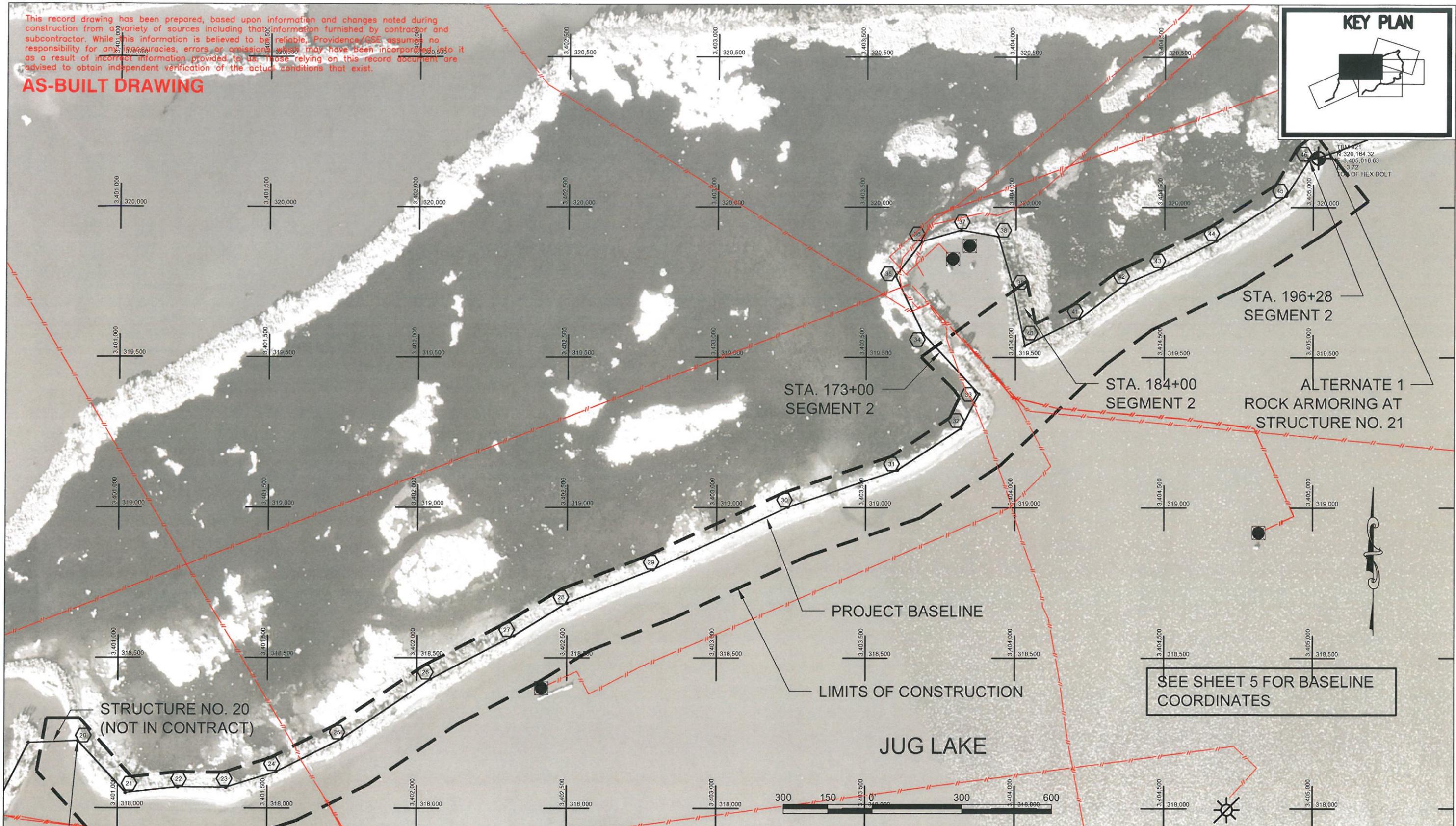
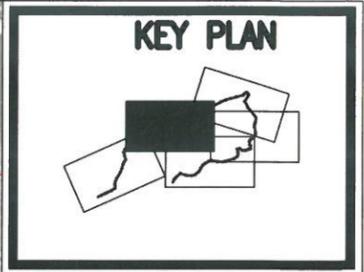
APPROVED BY: DE

ALIGNMENT PLAN
 JUG LAKE SEGMENT NO. 1

DATE: APRIL 16, 2012
 SHEET 6 OF 50

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AS-BUILT DRAWING



REV.	DATE	DESCRIPTION	BY

MALCOLM PIRNIE **ARCADIS**
The Water Division of ARCADIS
 3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

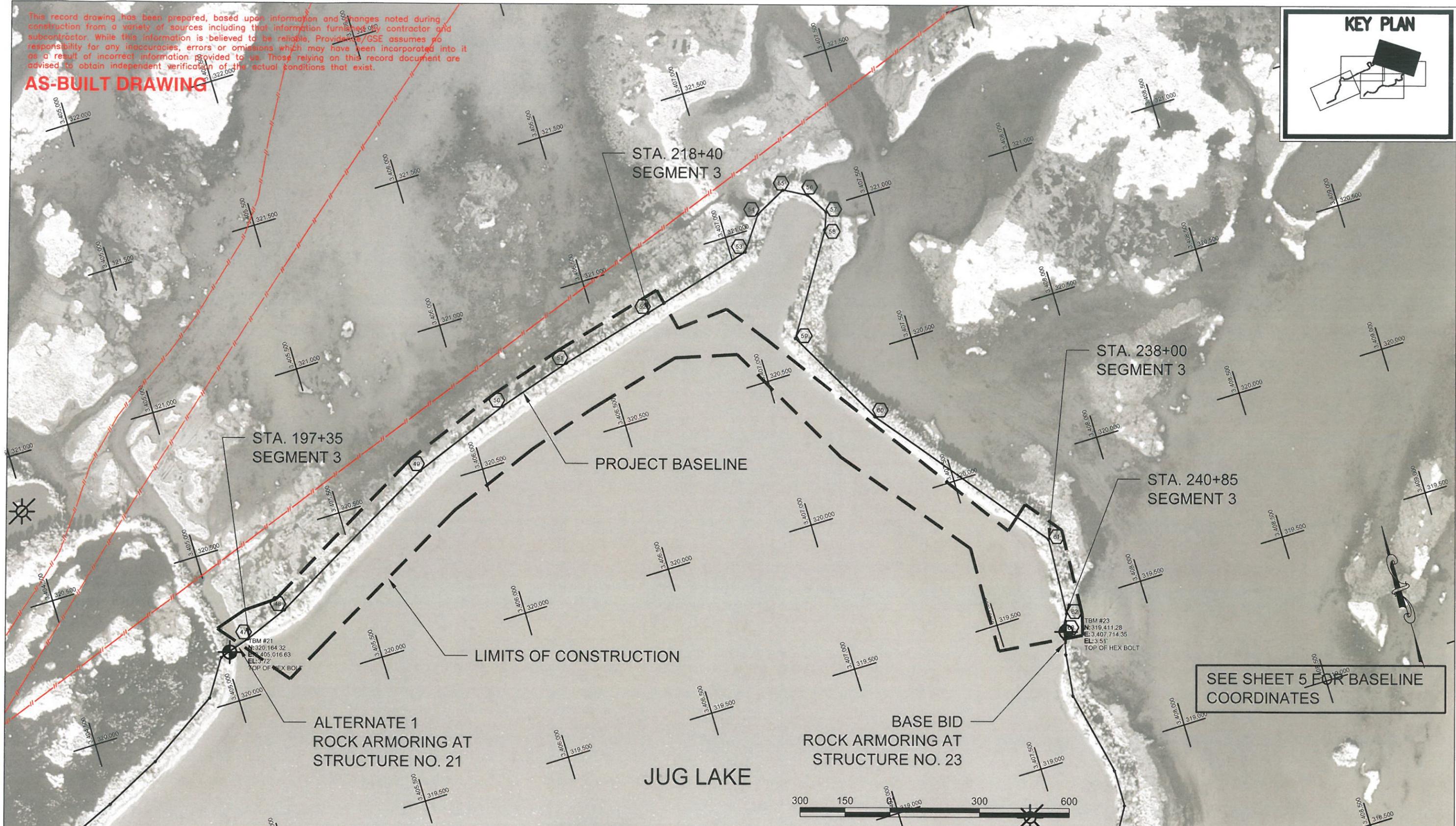
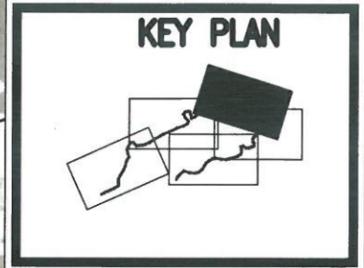
OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804
 DRAWN BY: MQJ DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

ALIGNMENT PLAN
 JUG LAKE SEGMENT NO. 2
 DATE: APRIL 16, 2012
 SHEET 7 OF 50

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AS-BUILT DRAWING



SEE SHEET 5 FOR BASELINE COORDINATES

REV.	DATE	DESCRIPTION	BY

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BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
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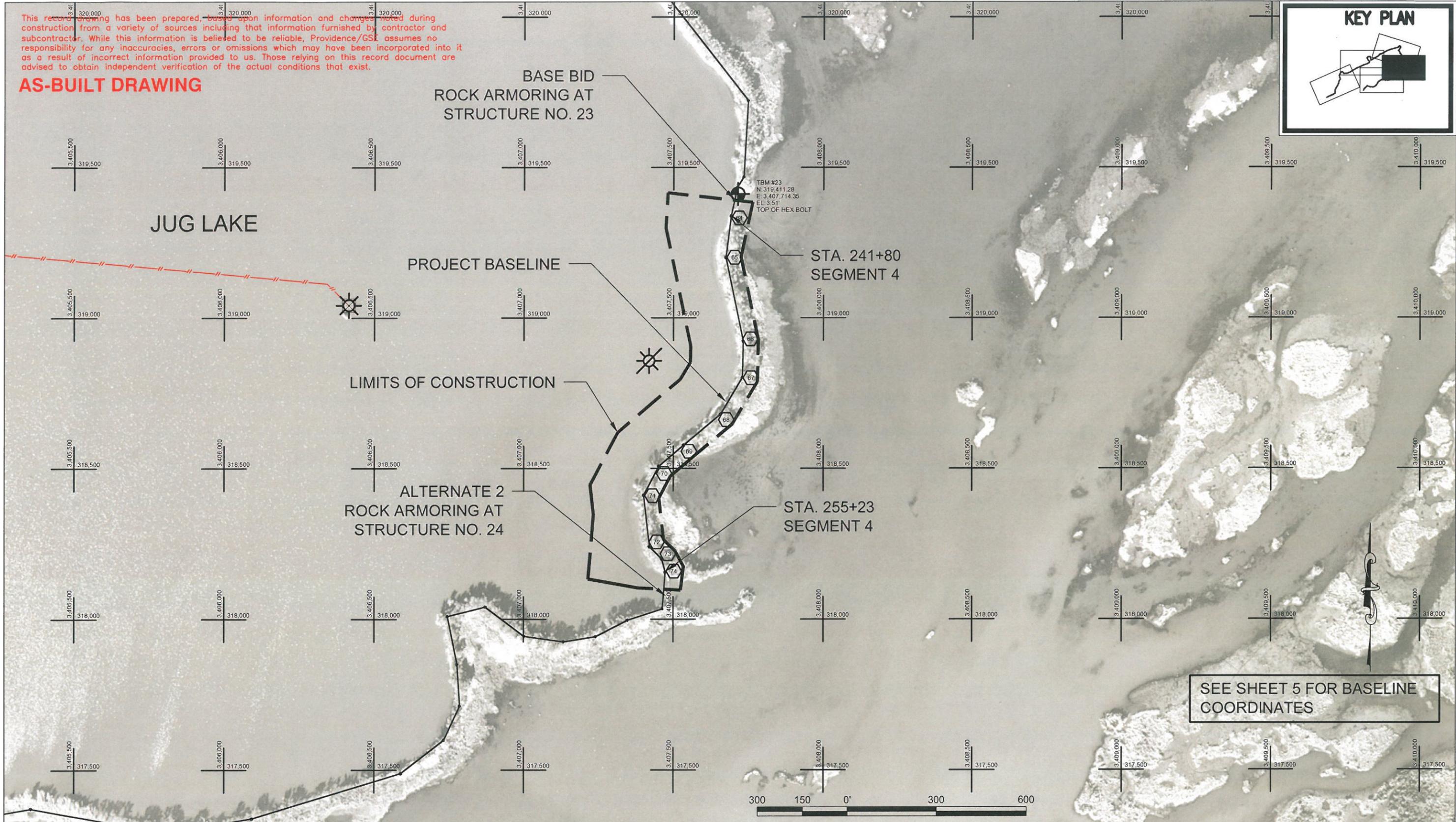
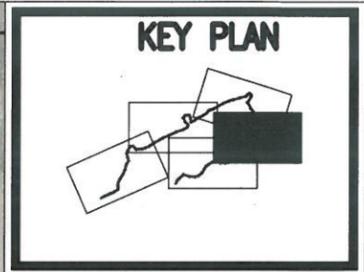
APPROVED BY: DE

ALIGNMENT PLAN
 JUG LAKE SEGMENT NO. 3

DATE: APRIL 16, 2012
 SHEET 8 OF 50

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SEE SHEET 5 FOR BASELINE COORDINATES

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 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
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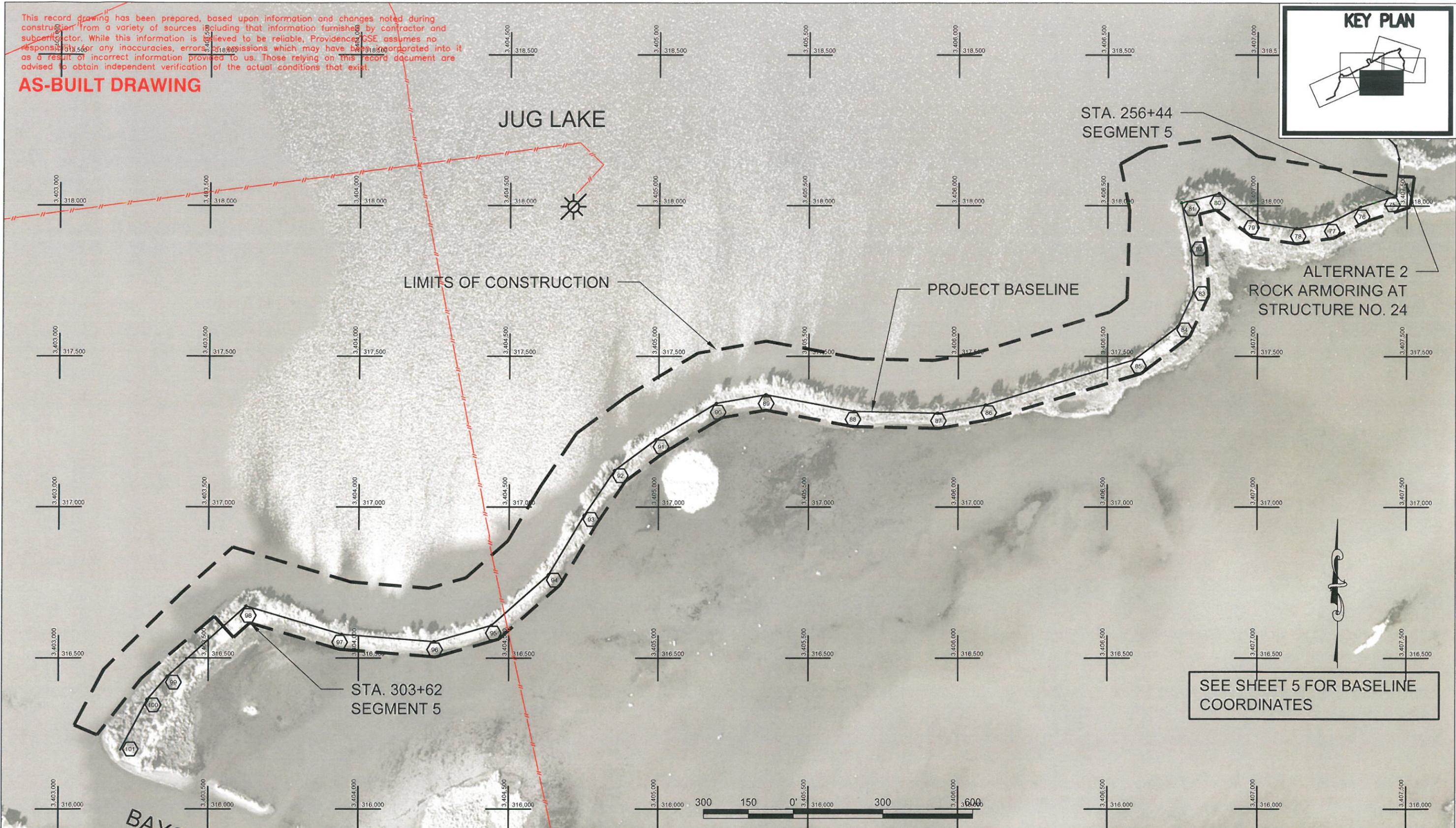
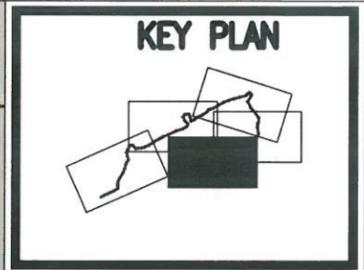
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ALIGNMENT PLAN
 JUG LAKE SEGMENT NO. 4

DATE: APRIL 16, 2012
 SHEET 9 OF 50

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 2012 MAINTENANCE PROJECT

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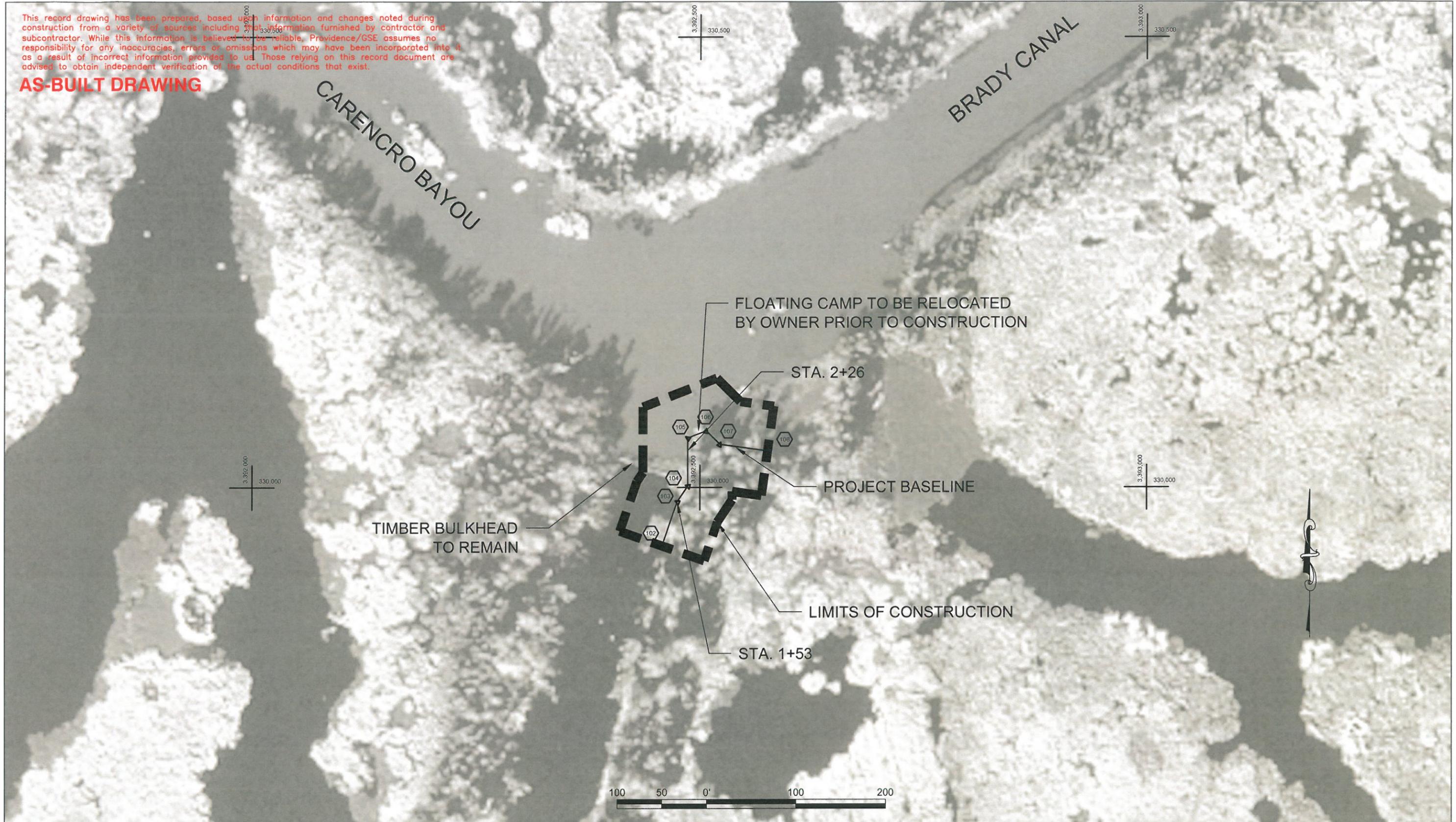
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ALIGNMENT PLAN
 JUG LAKE SEGMENT NO. 5

DATE: APRIL 16, 2012
 SHEET 10 OF 50

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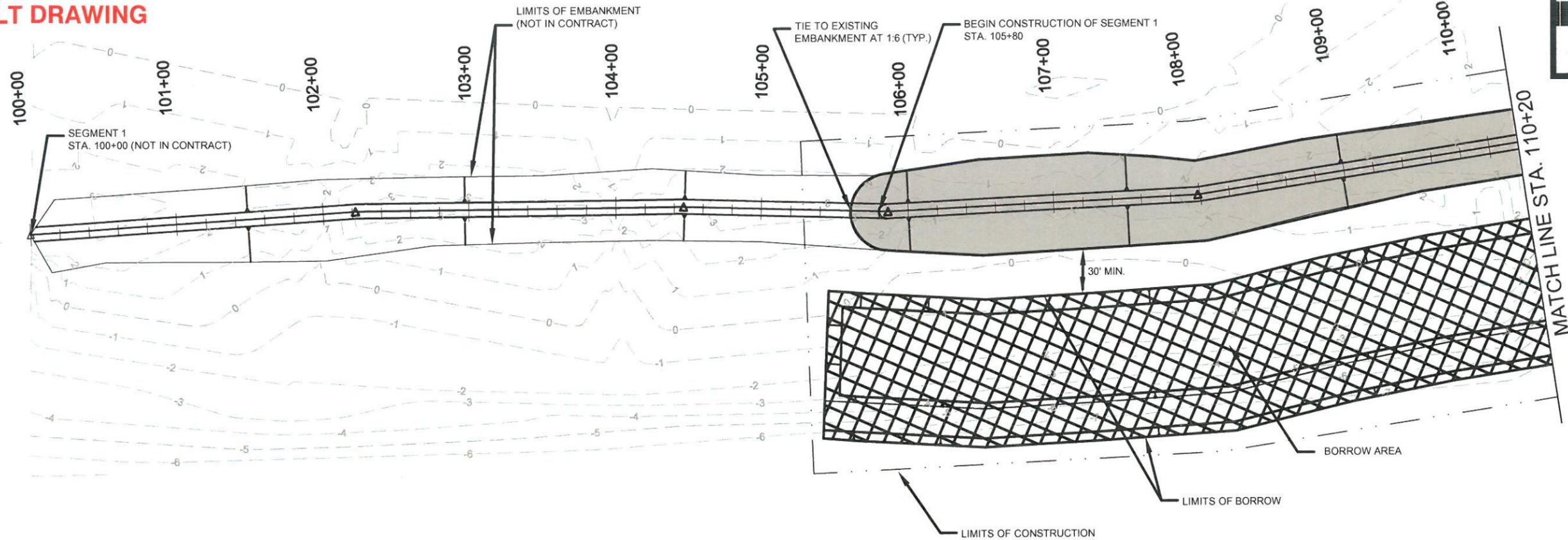
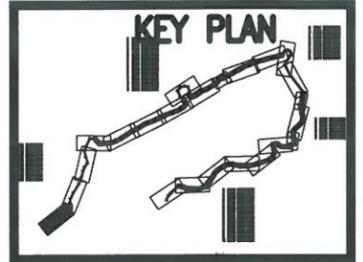
OFFICE OF COASTAL PROTECTION & RESTORATION
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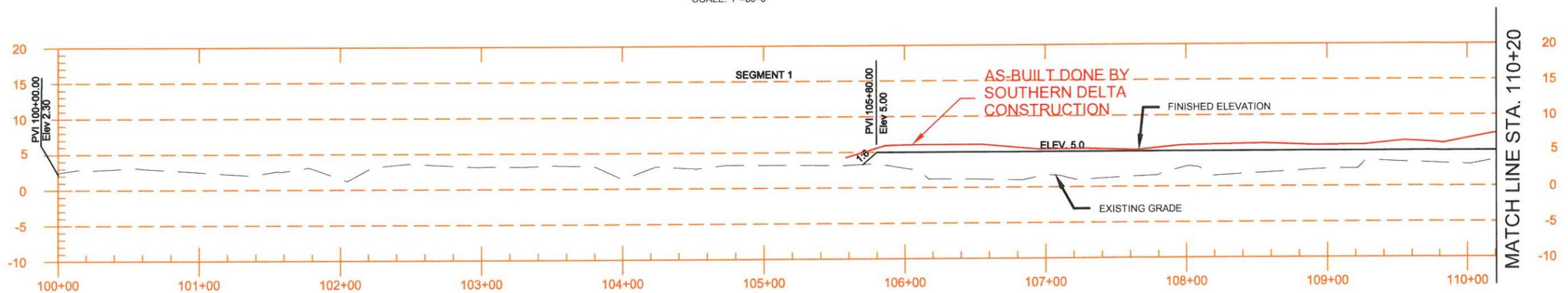
ALIGNMENT PLAN
 BRADY CANAL BREACH
 DATE: APRIL 16, 2012
 SHEET 11 OF 50

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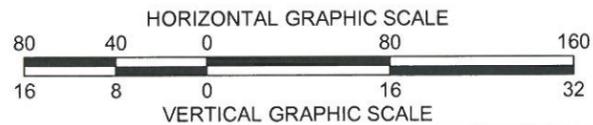
AS-BUILT DRAWING



PLAN
SCALE: 1"=80'-0"



PROFILE



- EXISTING CONTOUR
- BORROW PLACEMENT
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

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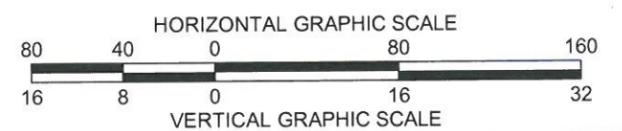
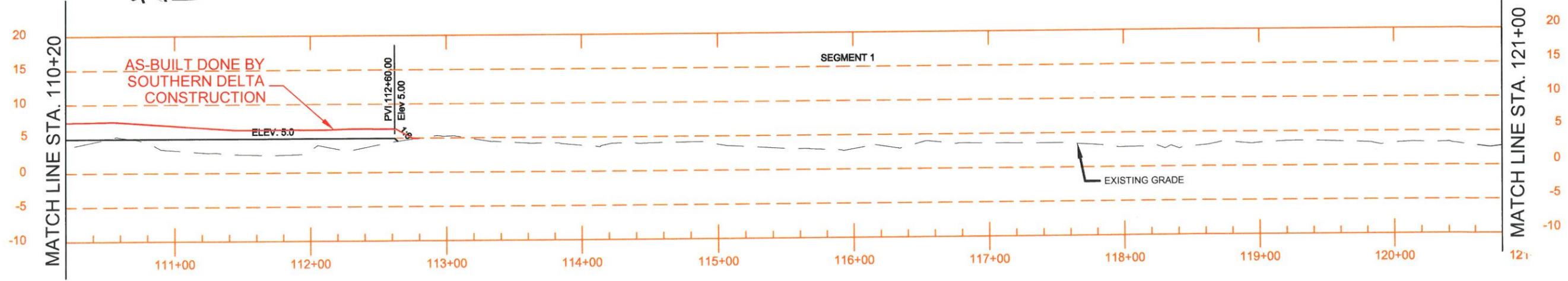
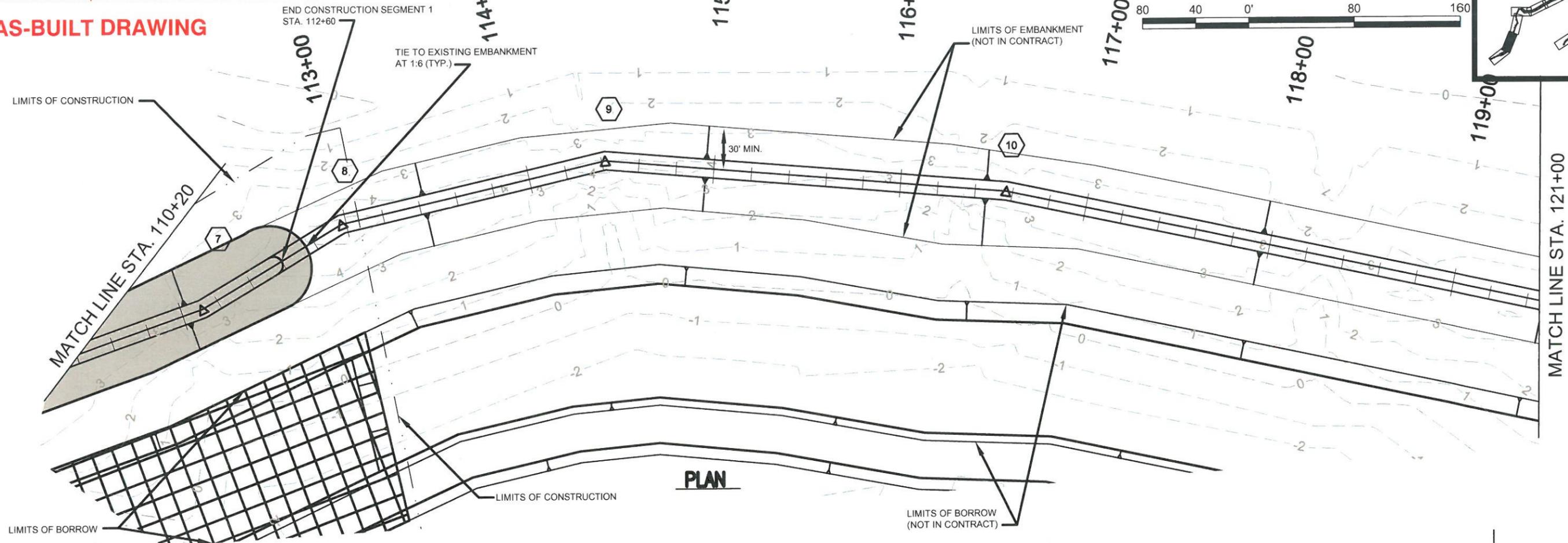
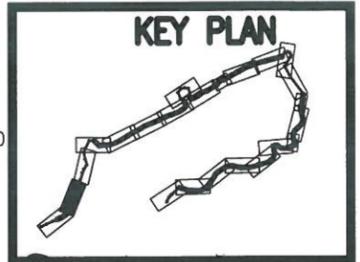
OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70801
 DRAWN BY: CAK | DESIGNED BY: EAC

BRADY CANAL HYDROLOGIC RESTORATION
 2011 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DLF

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 1
 DATE: APRIL 16, 2011
 SHEET 12 OF 50

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AS-BUILT DRAWING



- EXISTING CONTOUR
- BORROW PLACEMENT
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

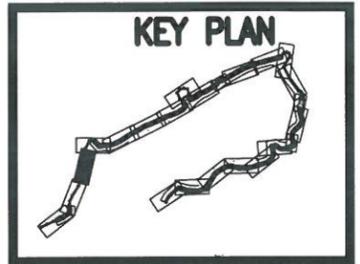
MALCOLM PIRNIE | **ARCADIS**
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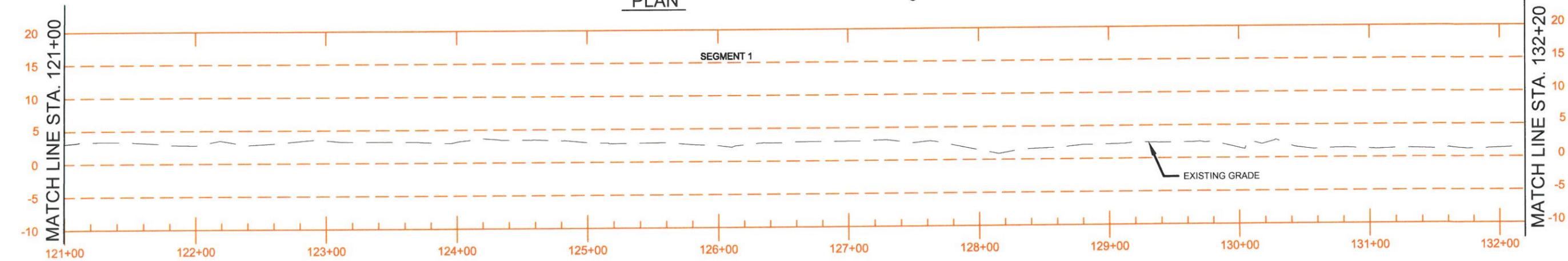
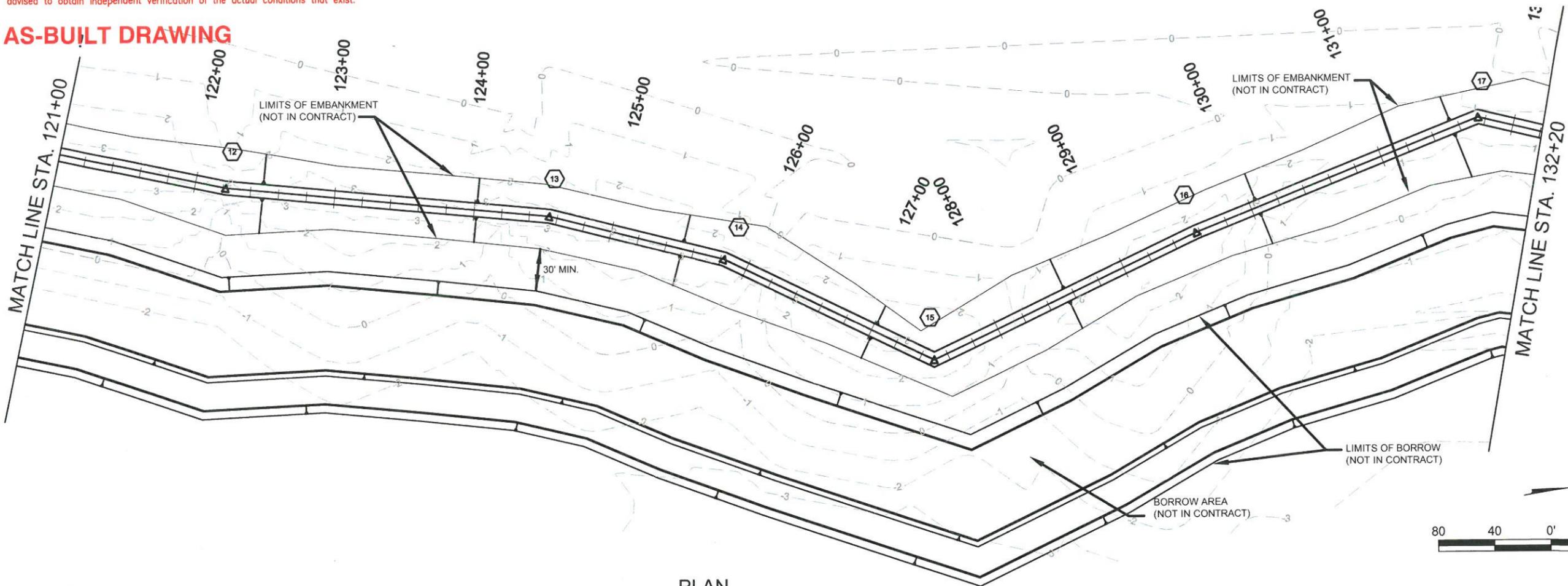
BRADY CANAL HYDROLOGIC RESTORATION
 2011 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DLF

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 1
 DATE: APRIL 16, 2011
 SHEET 13 OF 50

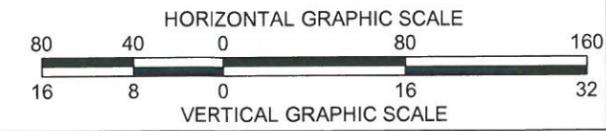
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AS-BUILT DRAWING



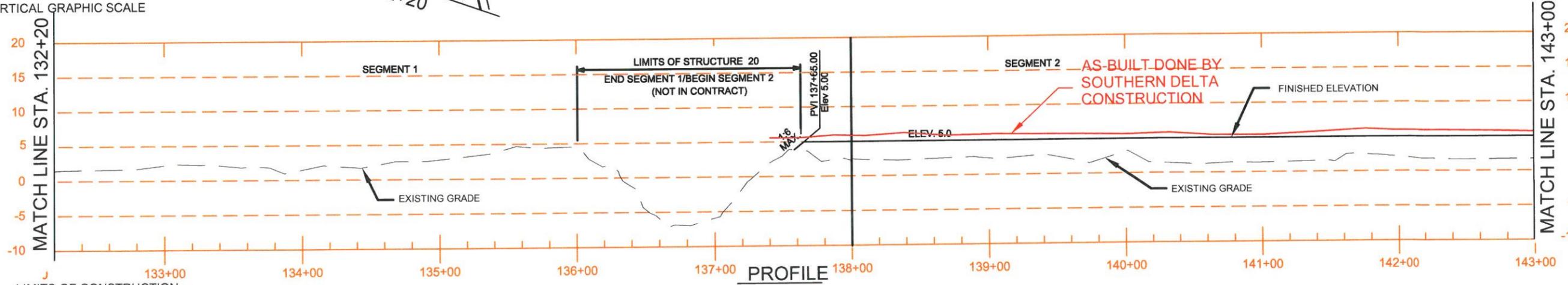
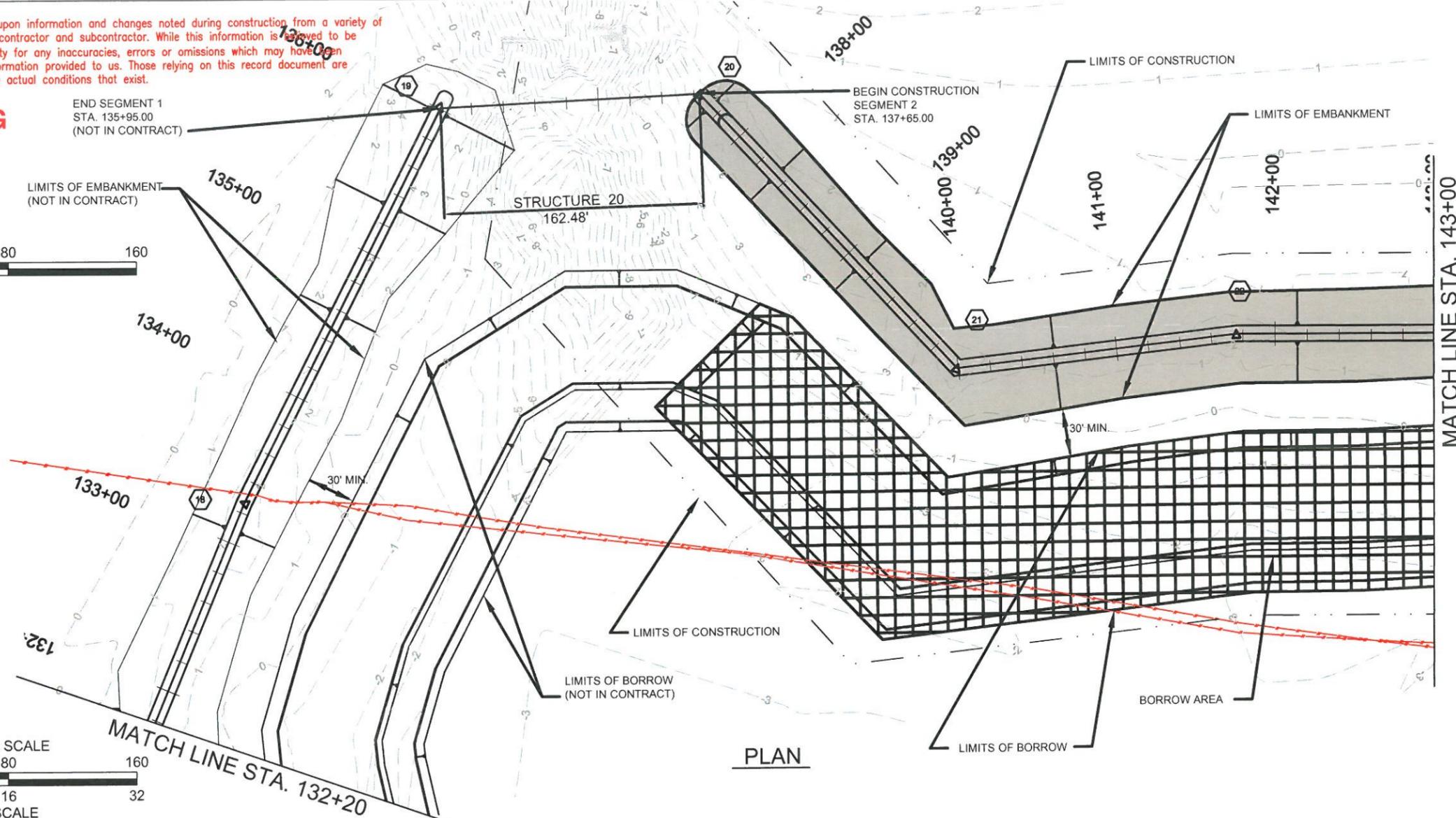
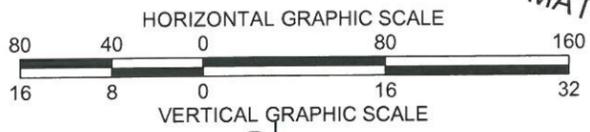
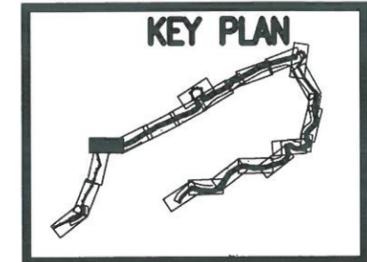
- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL



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REV.	DATE	DESCRIPTION	BY	DRAWN BY: MQJ	DESIGNED BY: DLF			

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 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

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BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

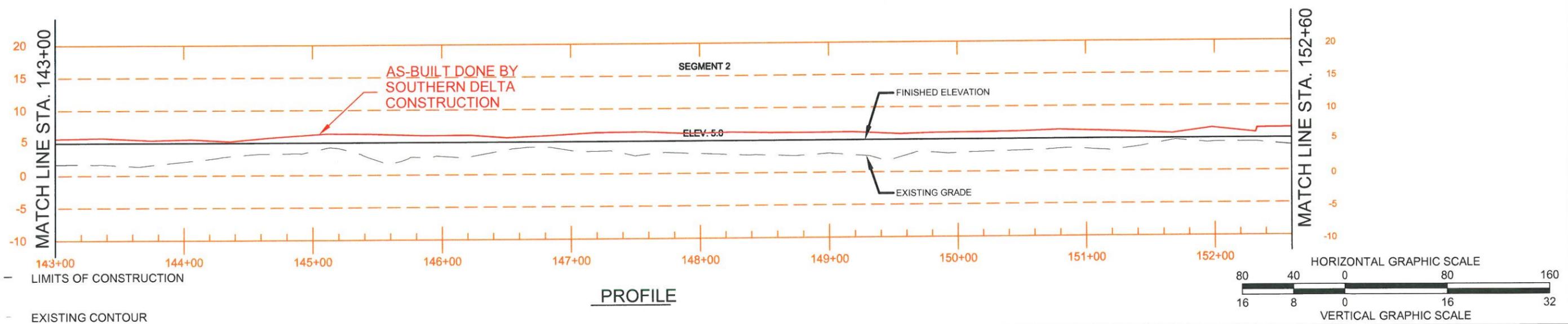
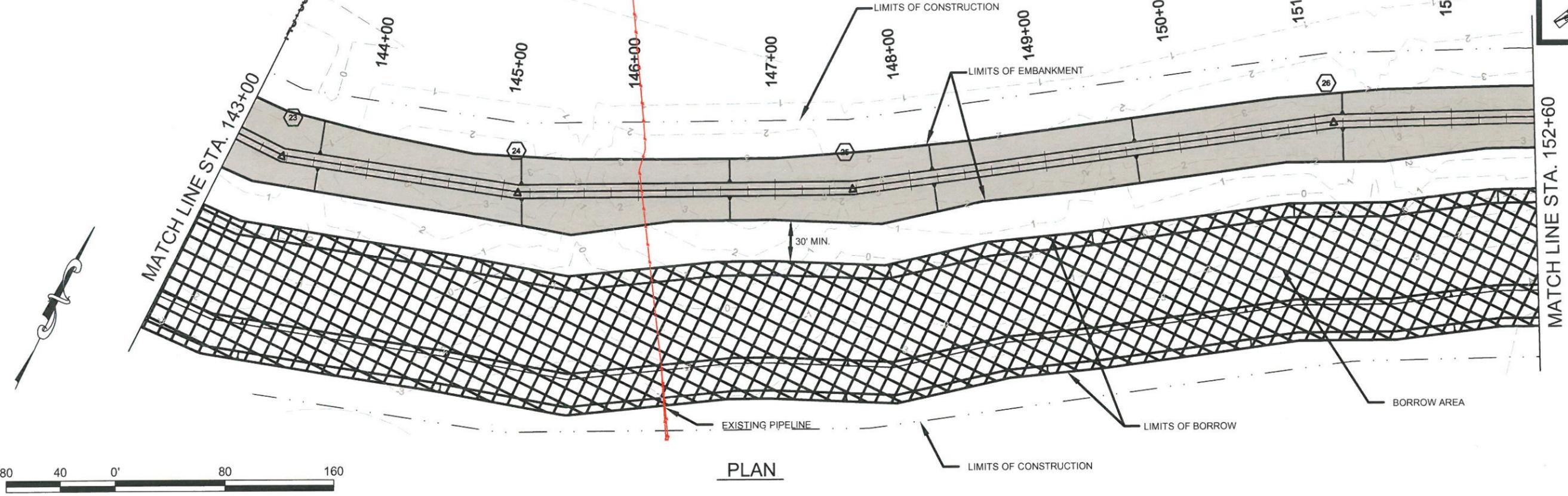
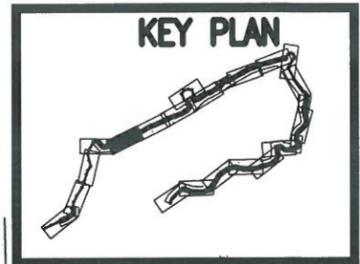
STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

PLAN AND PROFILE
 STRUCTURE NO. 20

DATE: APRIL 16, 2012
 SHEET 15 OF 50

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AS-BUILT DRAWING



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BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

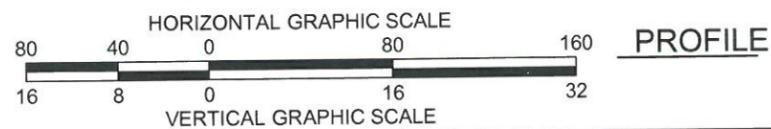
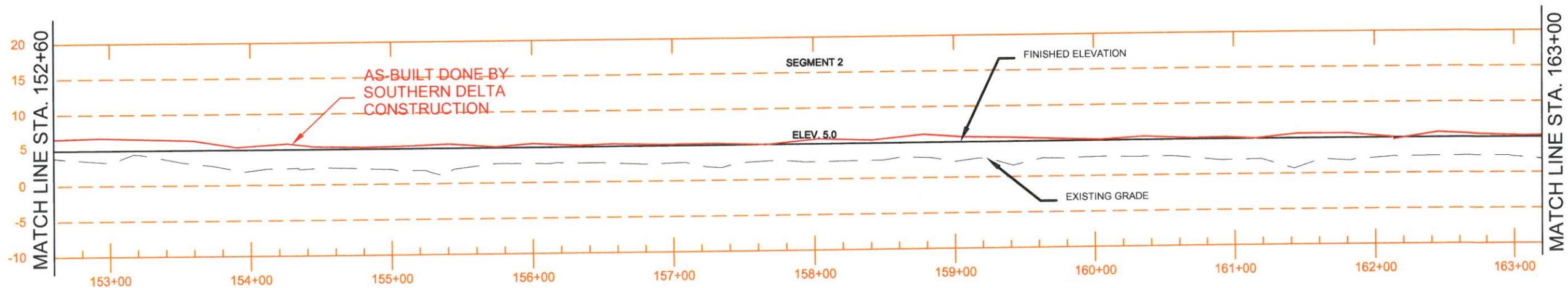
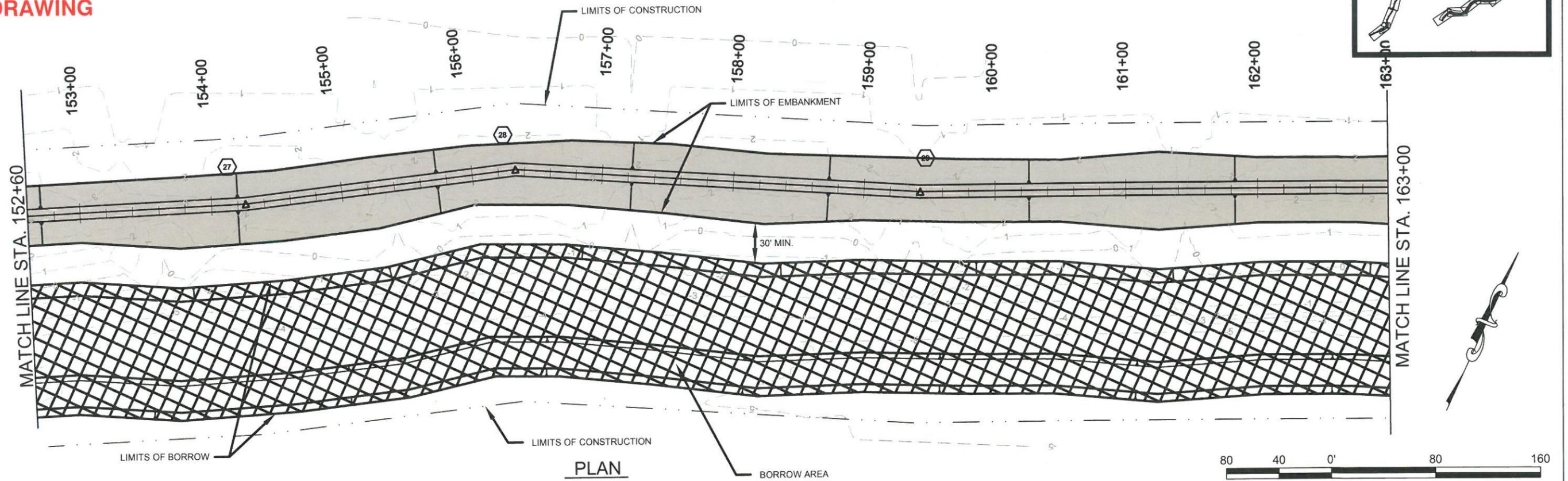
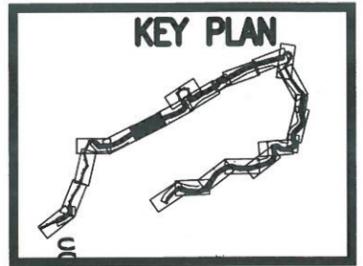
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PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 2

DATE: APRIL 16, 2012
 SHEET 16 OF 50

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AS-BUILT DRAWING



- LIMITS OF CONSTRUCTION
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**BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT**
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PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 2

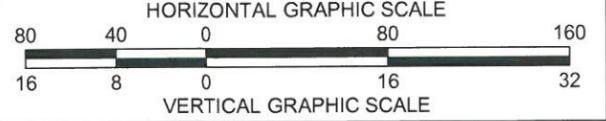
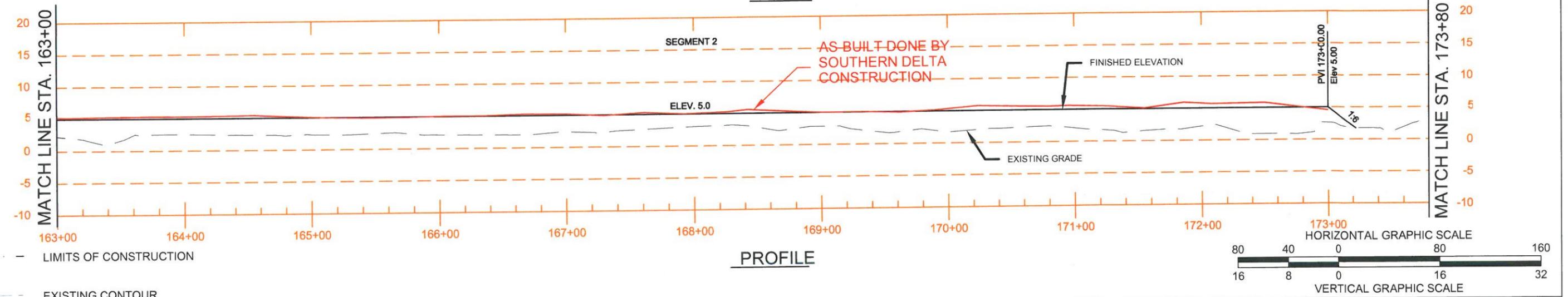
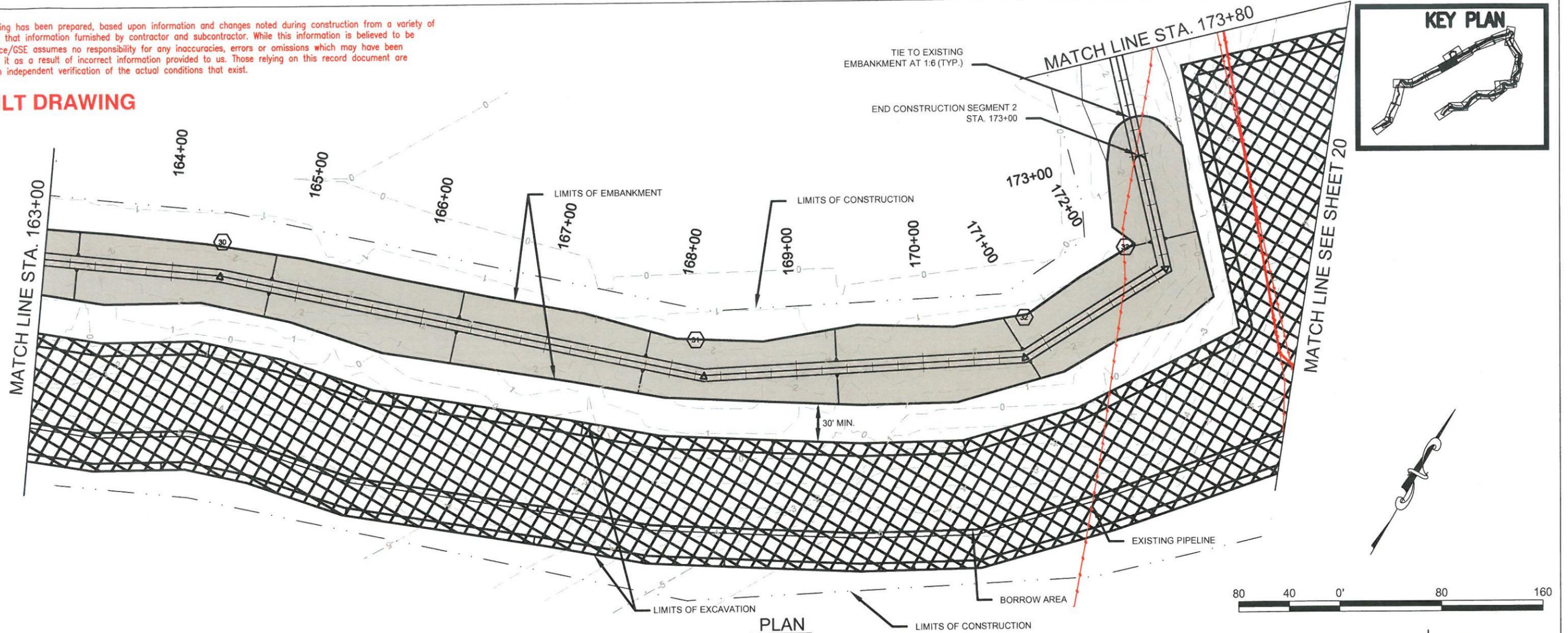
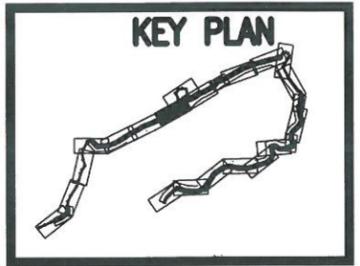
DATE: APRIL 16, 2012

SHEET 17 OF 50

DRAWN BY: MQJ | DESIGNED BY: DLF

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- LIMITS OF CONSTRUCTION
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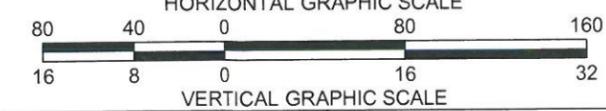
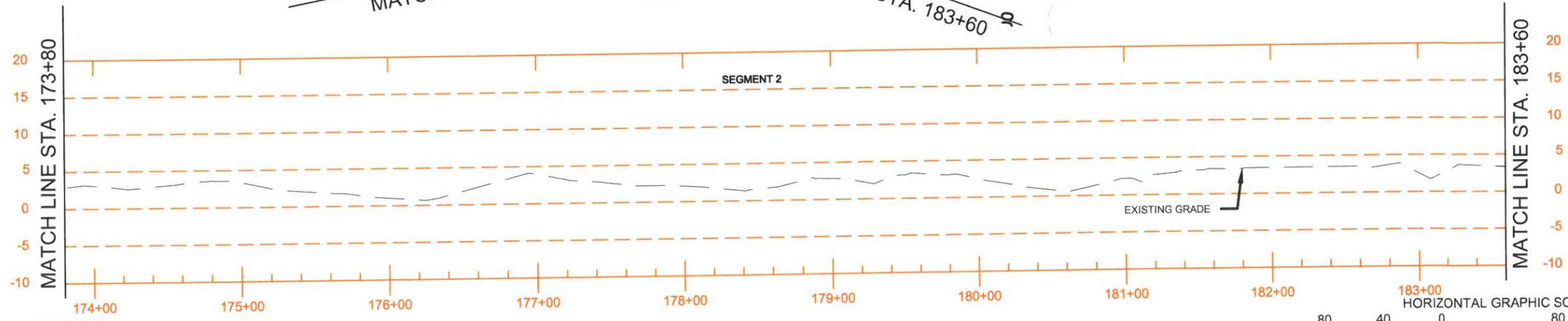
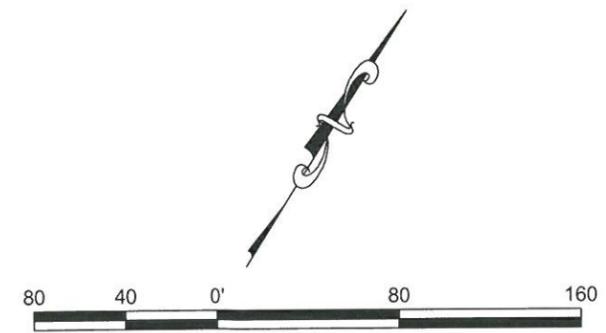
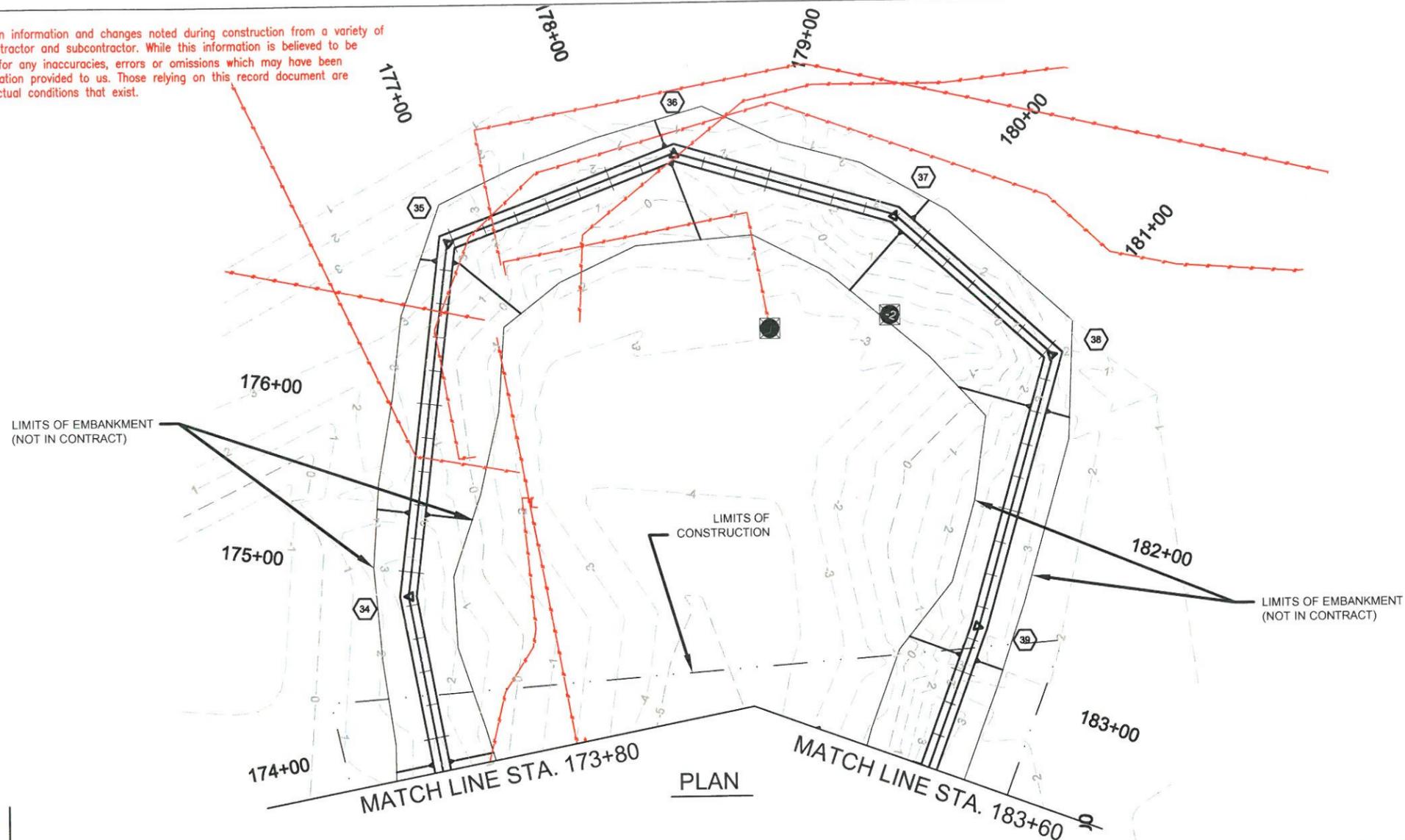
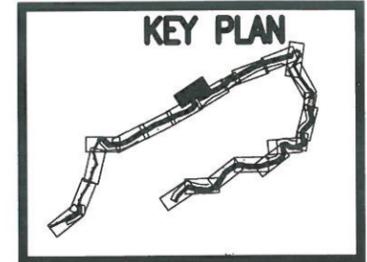
BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
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PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 2
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 SHEET 18 OF 50

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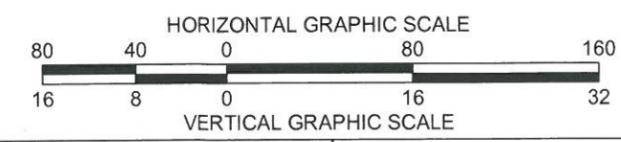
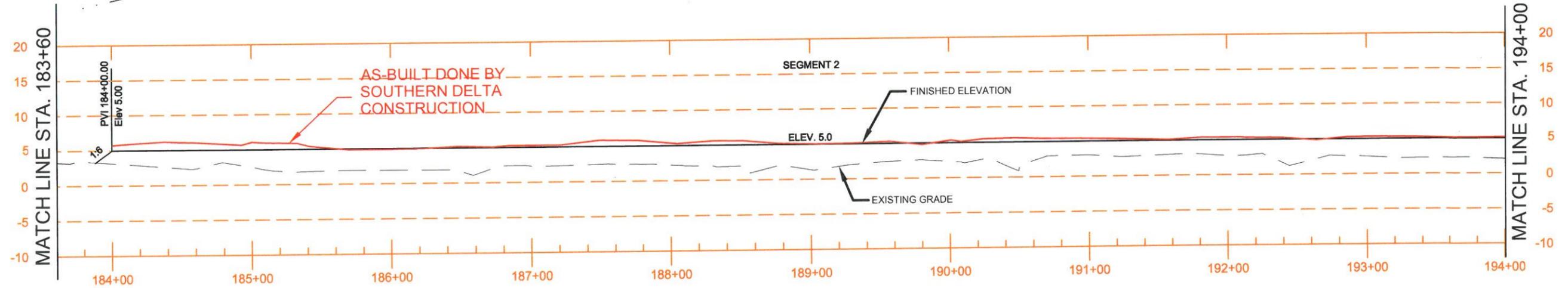
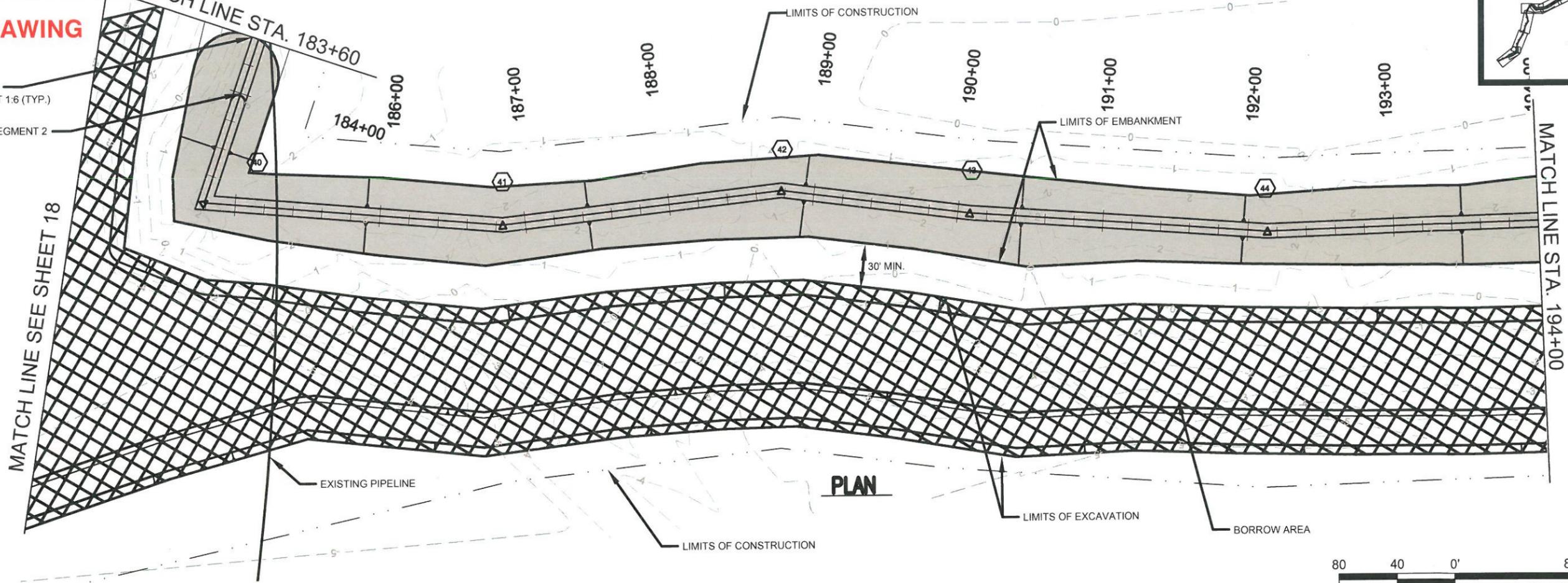
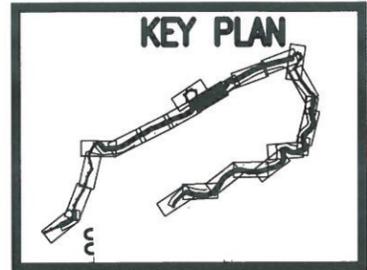
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 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 2
 DATE: APRIL 16, 2012
 SHEET 19 OF 50

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AS-BUILT DRAWING



- LIMITS OF CONSTRUCTION
- - - EXISTING CONTOUR
- [Solid Line] NEW EMBANKMENT CONST. LIMITS
- [Cross-hatched Area] BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

MALCOLM PIRNIE | **ARCADIS**
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 3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ | DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28

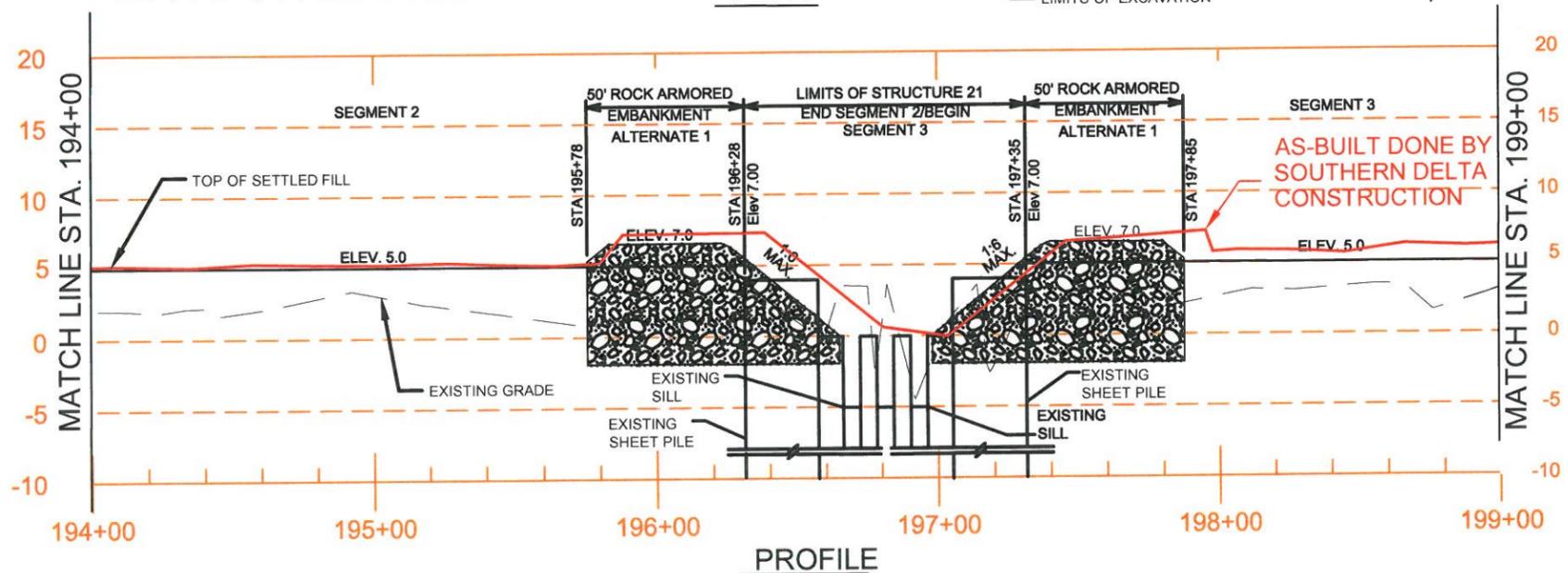
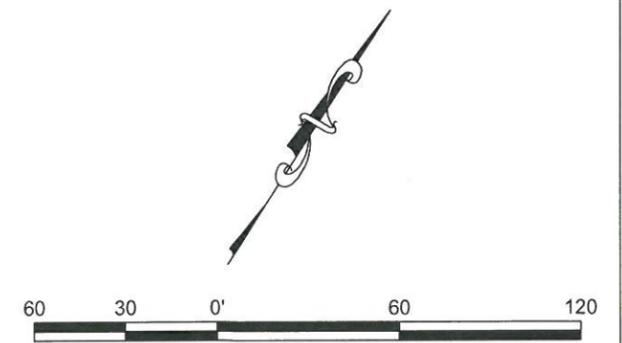
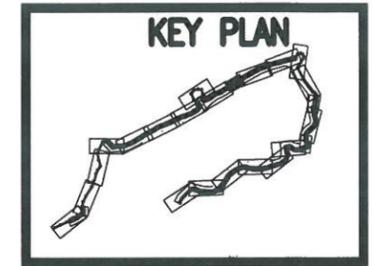
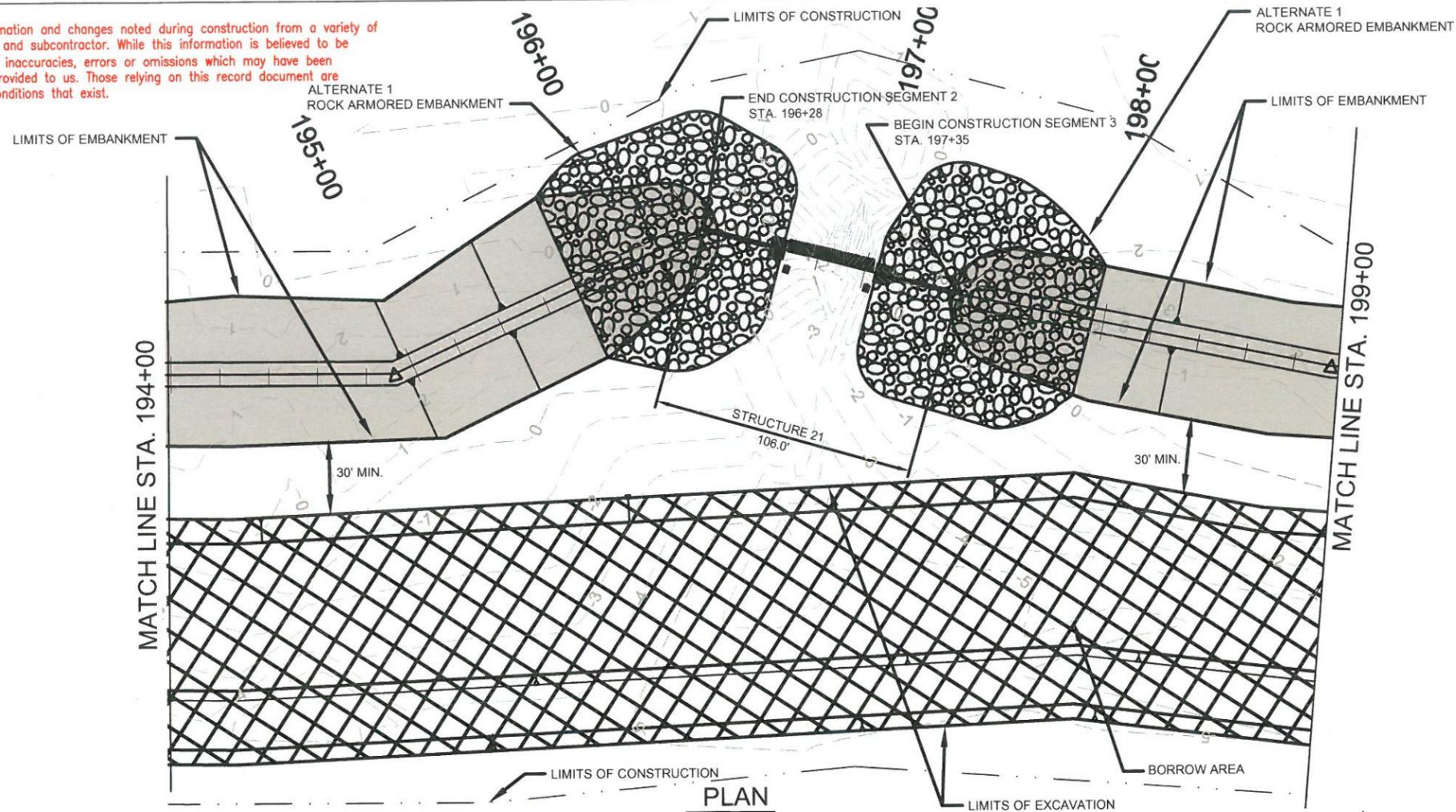
APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 2

DATE: APRIL 16, 2012
 SHEET 20 OF 50

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AS-BUILT DRAWING



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

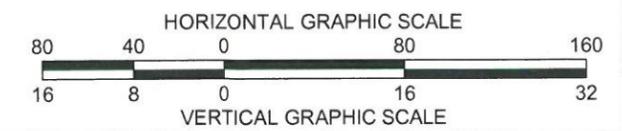
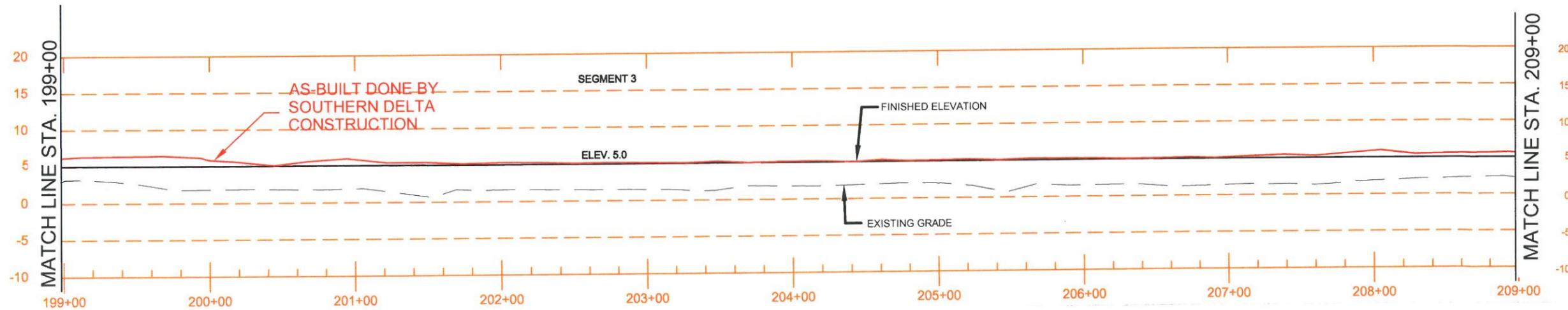
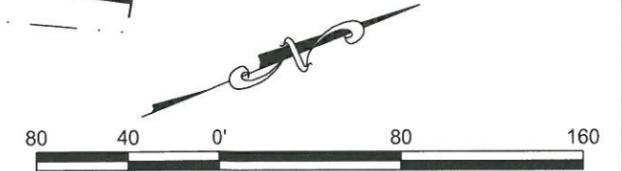
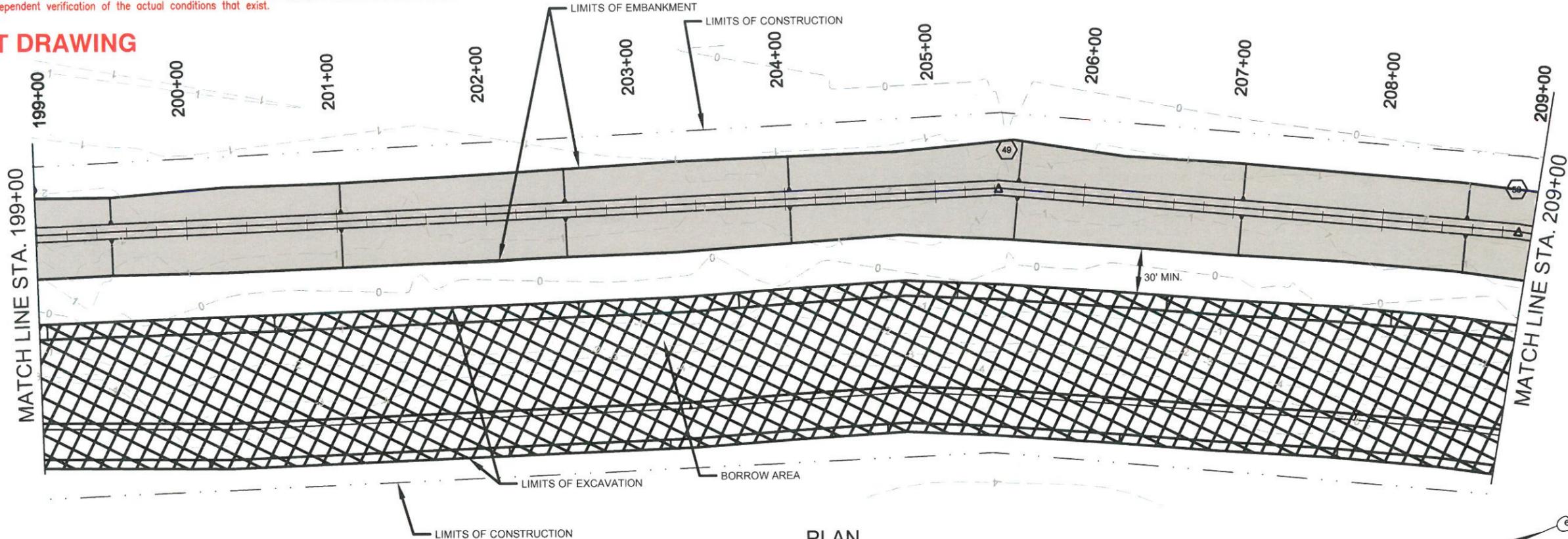
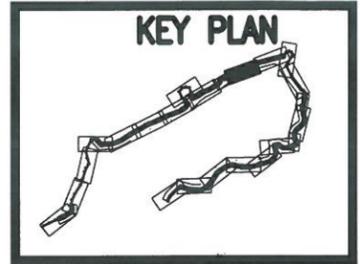
MALCOLM PIRNIE | **ARCADIS**
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 BATON ROUGE, LOUISIANA 70804
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BRADY CANAL HYDROLOGIC RESTORATION 2012 MAINTENANCE PROJECT		PLAN AND PROFILE STRUCTURE NO. 21
STATE PROJECT NUMBER: TE-28		
FEDERAL PROJECT NUMBER: TE-28		DATE: APRIL 16, 2012
APPROVED BY: DE		SHEET 21 OF 50

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AS-BUILT DRAWING



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

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DRAWN BY: MQJ DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

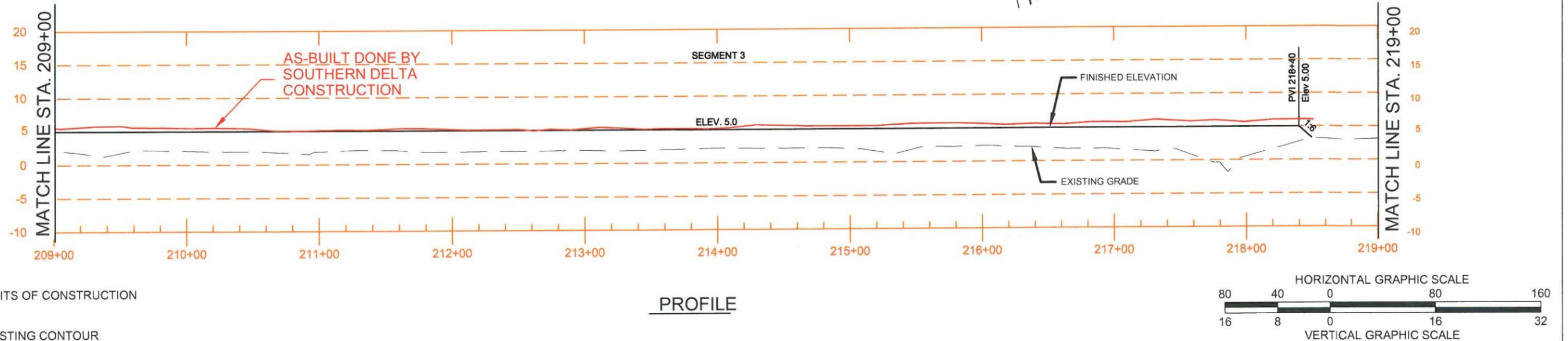
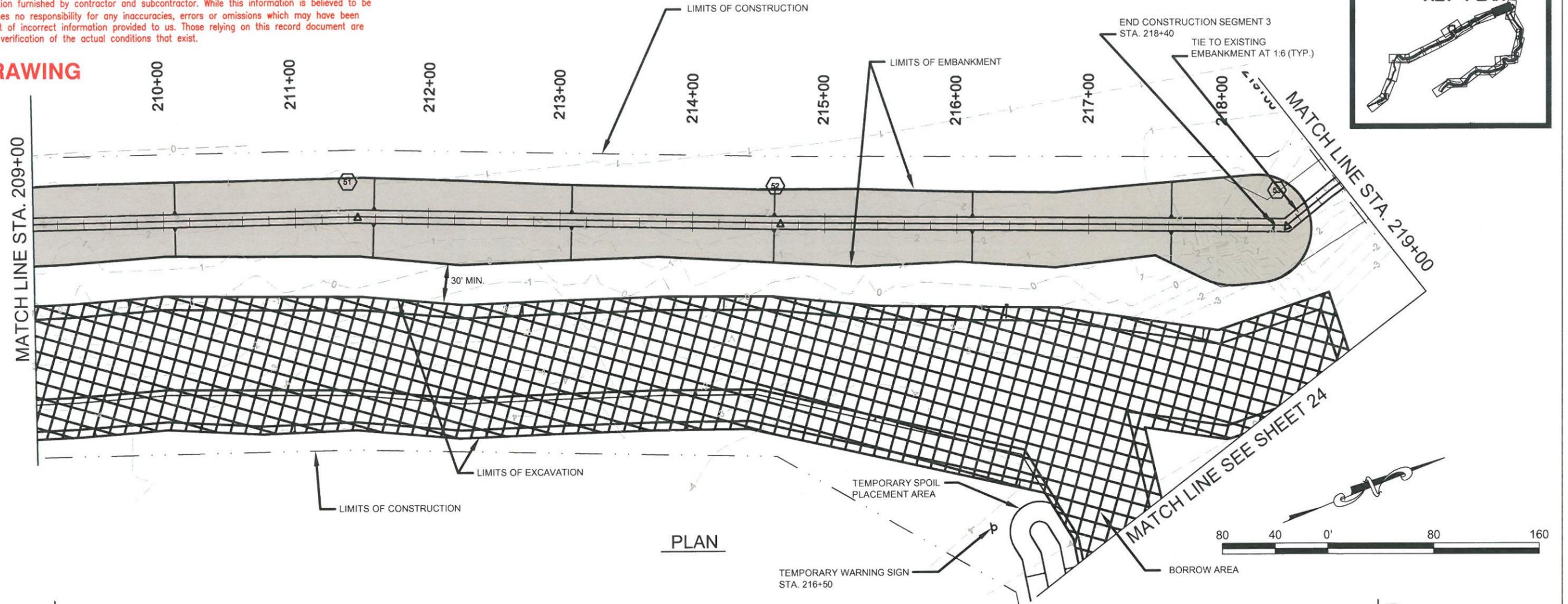
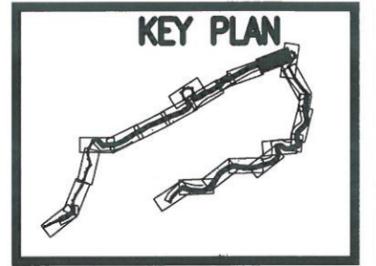
PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 3

DATE: MARCH 20, 2012

SHEET 22 OF 50

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AS-BUILT DRAWING



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

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OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ DESIGNED BY: DLF

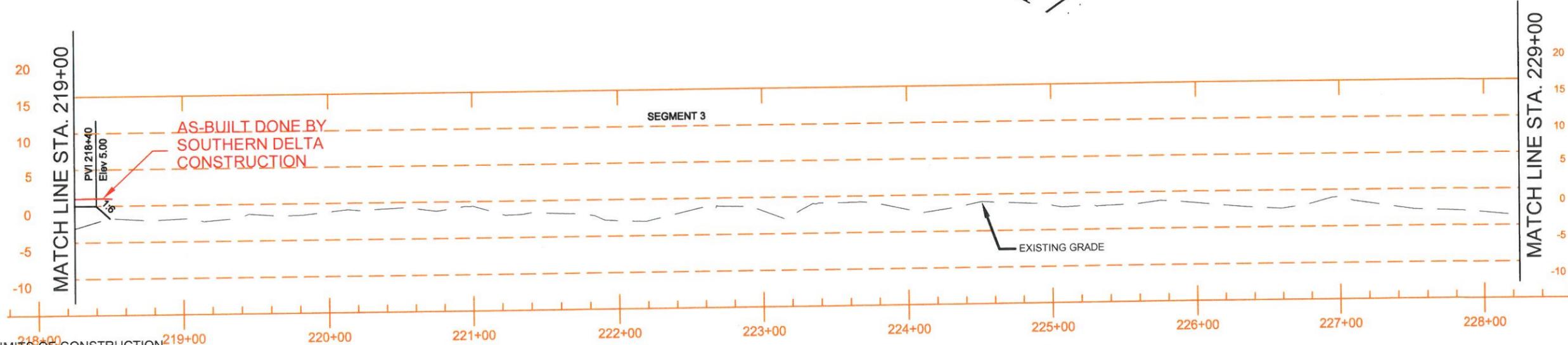
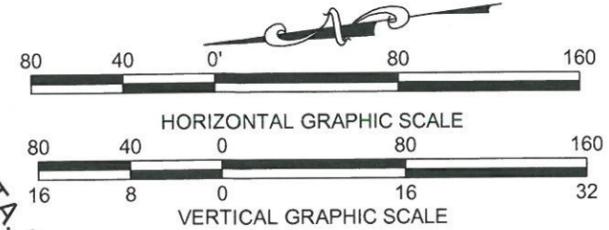
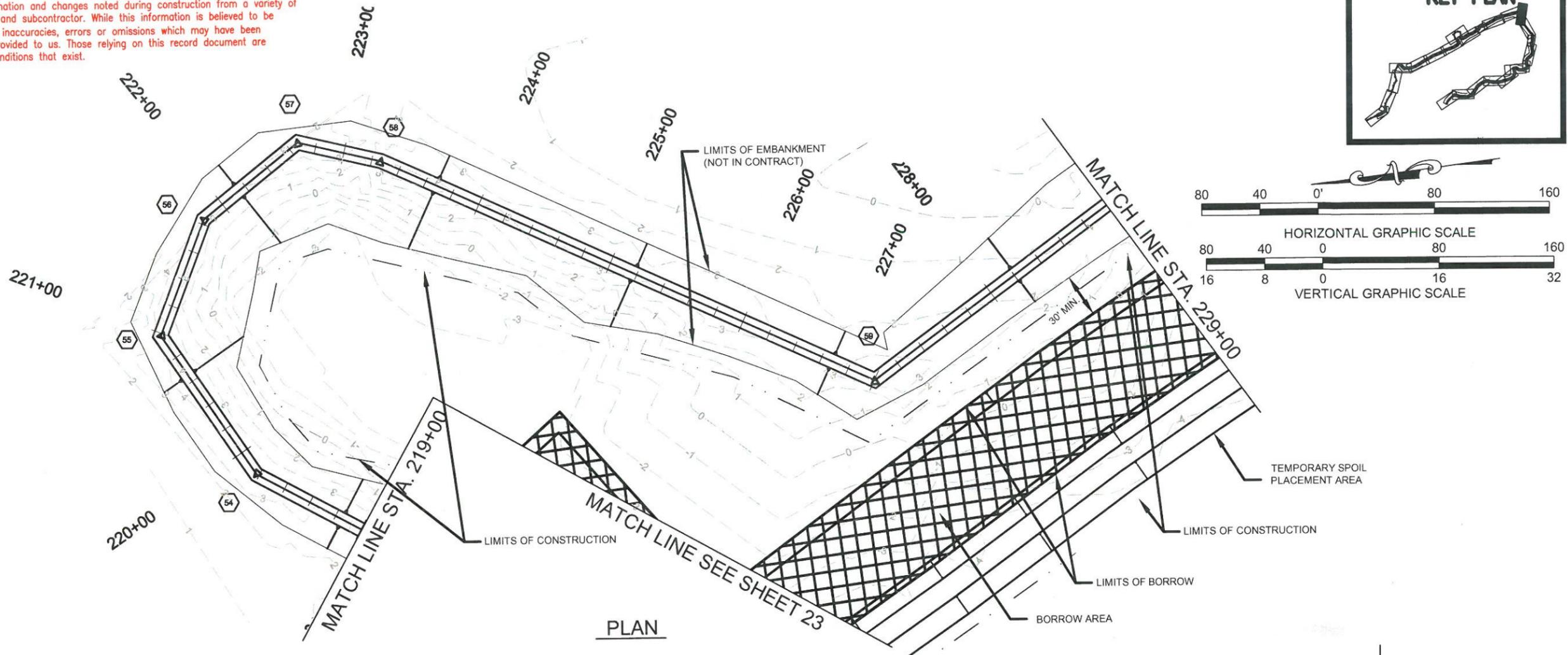
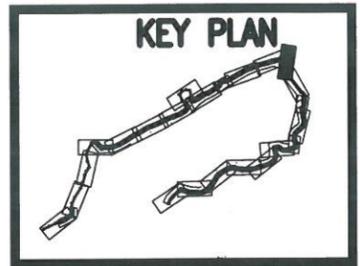
BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 3
 DATE: APRIL 16, 2012
 SHEET 23 OF 50

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AS-BUILT DRAWING



- LIMITS OF CONSTRUCTION
- - - EXISTING CONTOUR
- [Symbol] NEW EMBANKMENT CONST. LIMITS
- [Symbol] BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

MALCOLM PIRNIE
ARCADIS
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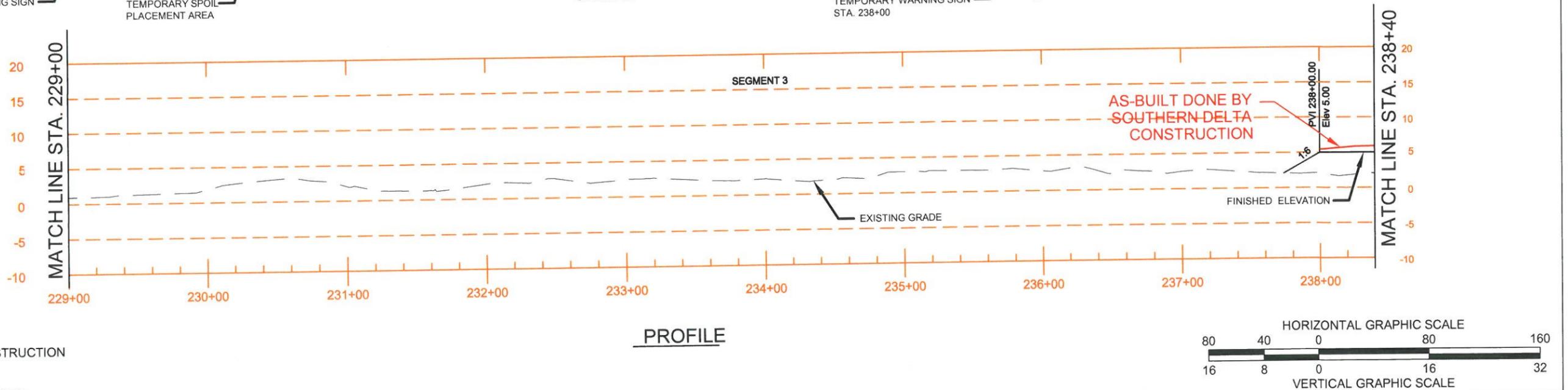
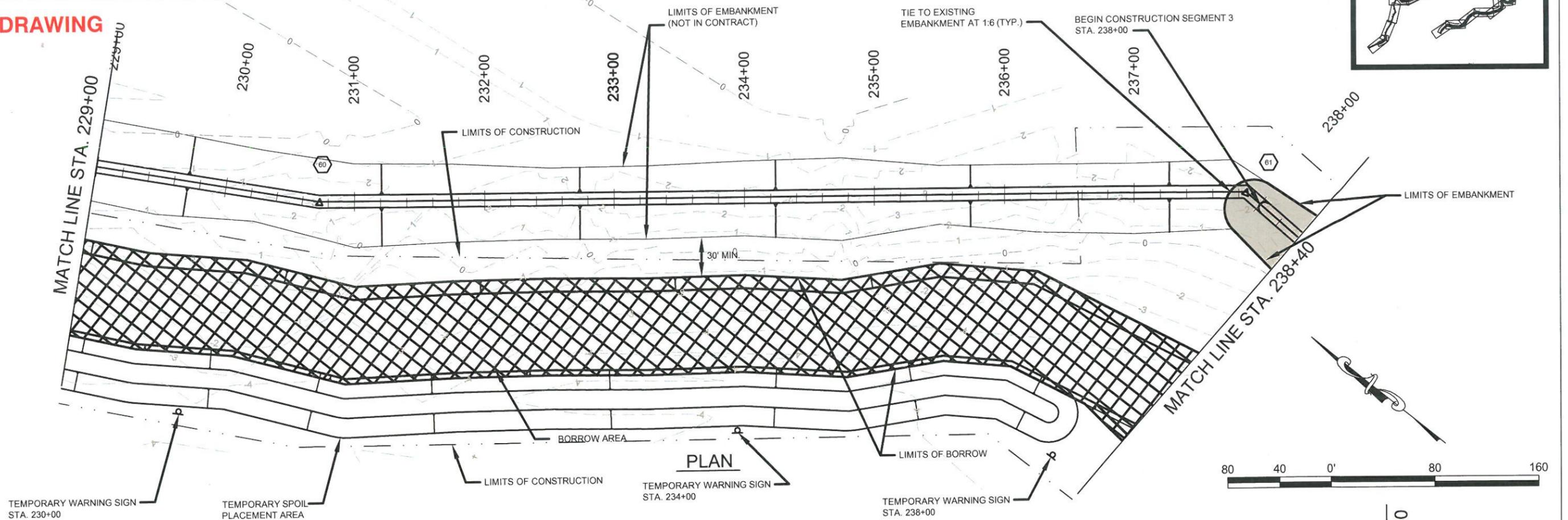
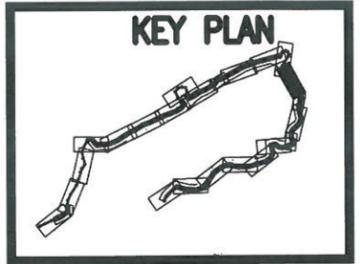
OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804
 DRAWN BY: MQJ DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 3
 DATE: APRIL 16, 2012
 SHEET 24 OF 50

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AS-BUILT DRAWING



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

MALCOLM PIRNIE | **ARCADIS**
The Water Division of ARCADIS
 3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
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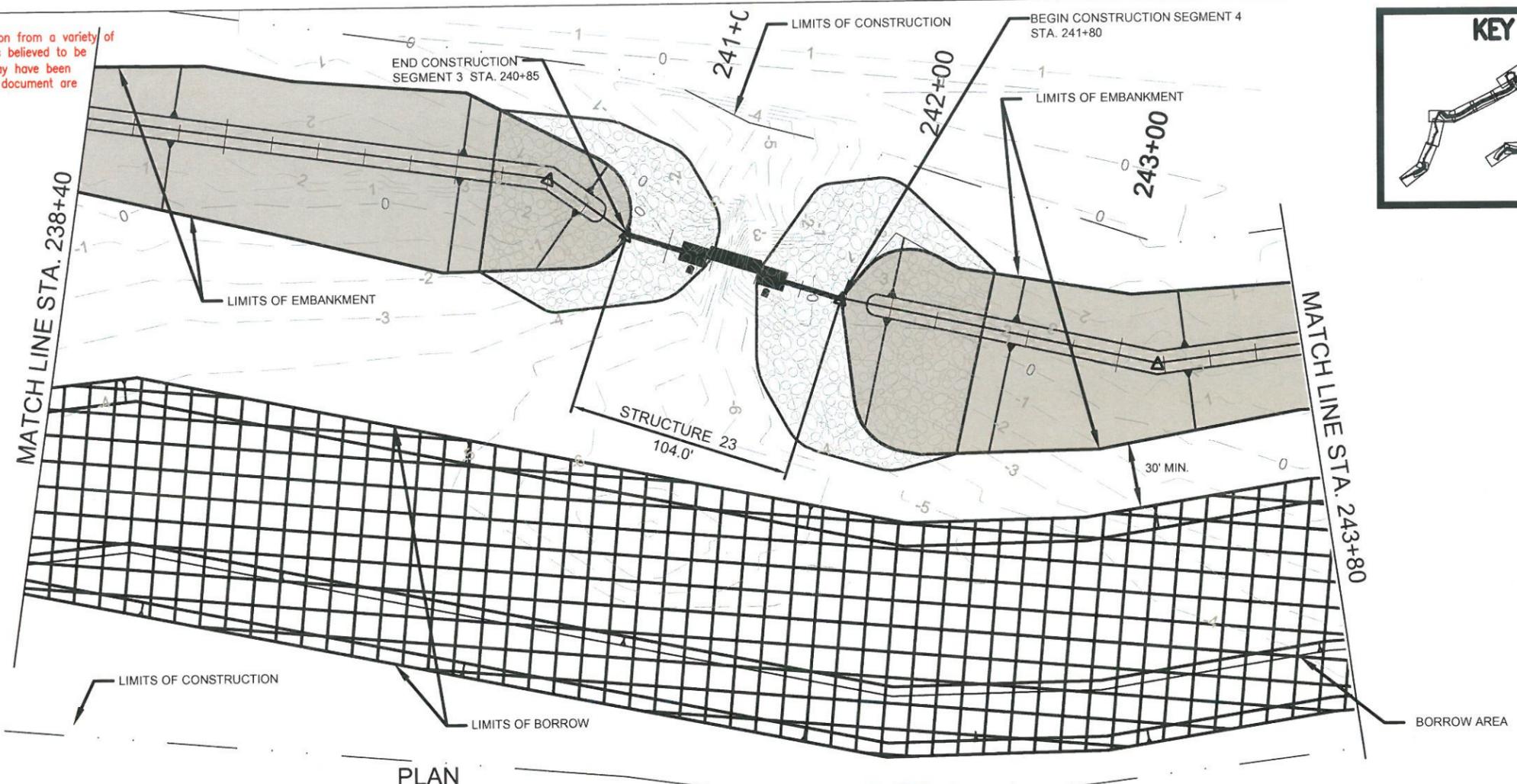
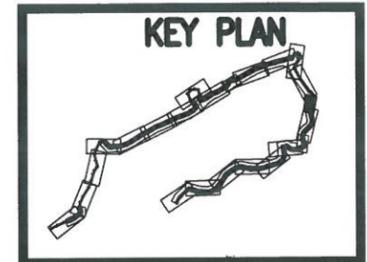
OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804
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BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
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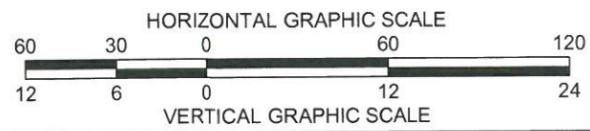
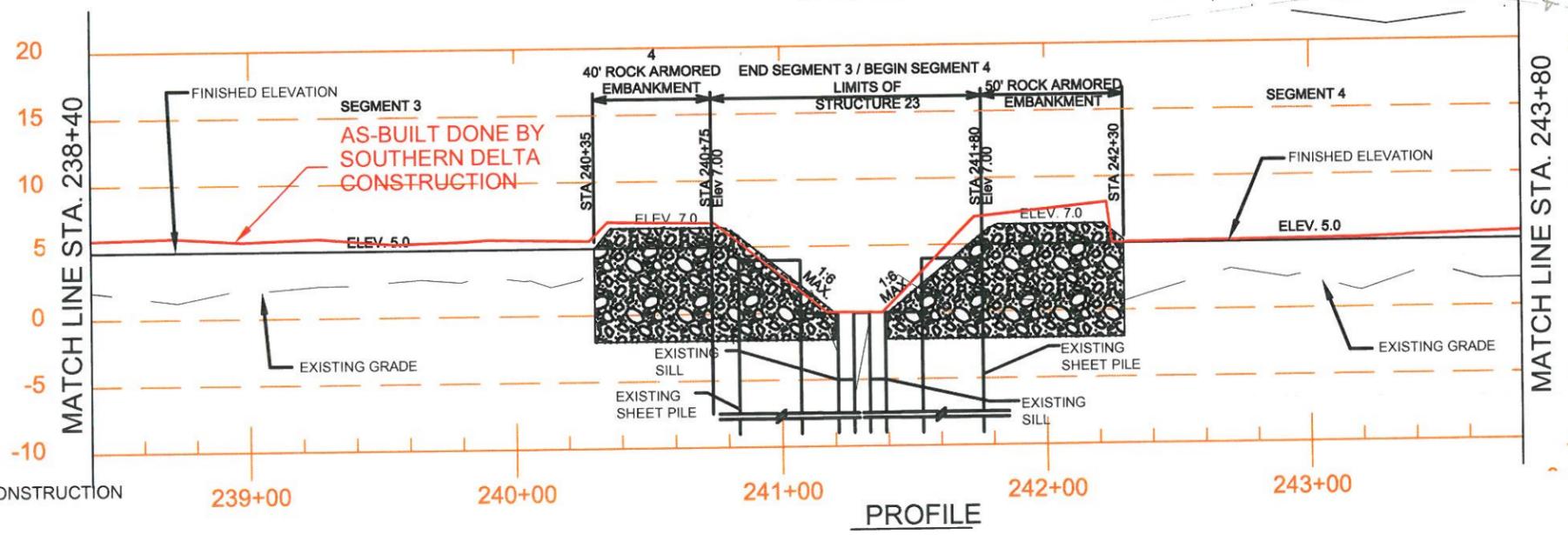
PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 3
 DATE: MARCH 20, 2012
 SHEET 25 OF 50

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AS-BUILT DRAWING



PLAN



PROFILE

- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

MALCOLM PIRNIE | **ARCADIS**
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OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ | DESIGNED BY: DLF

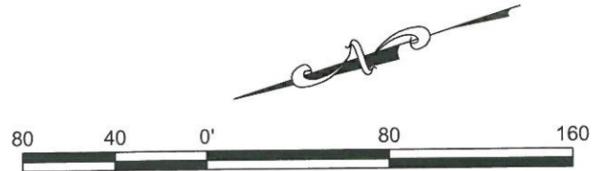
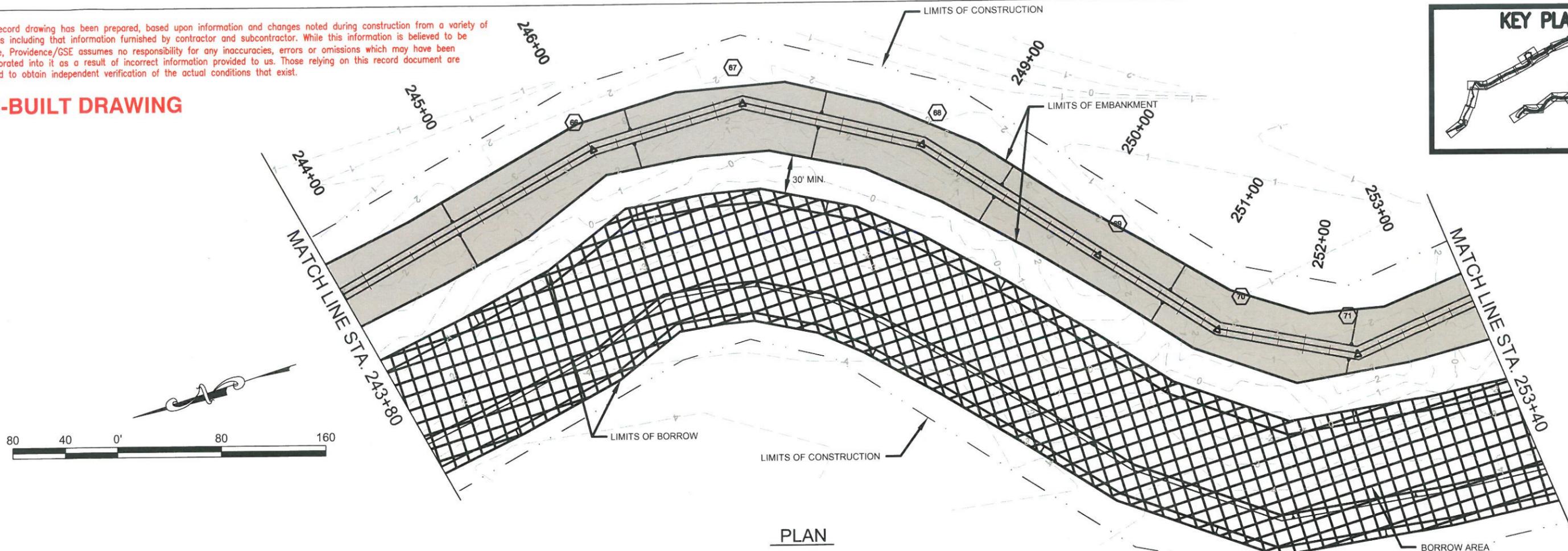
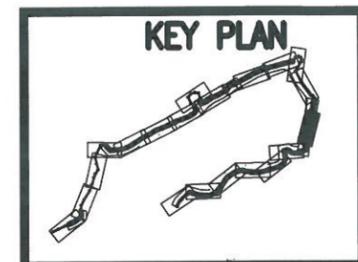
BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

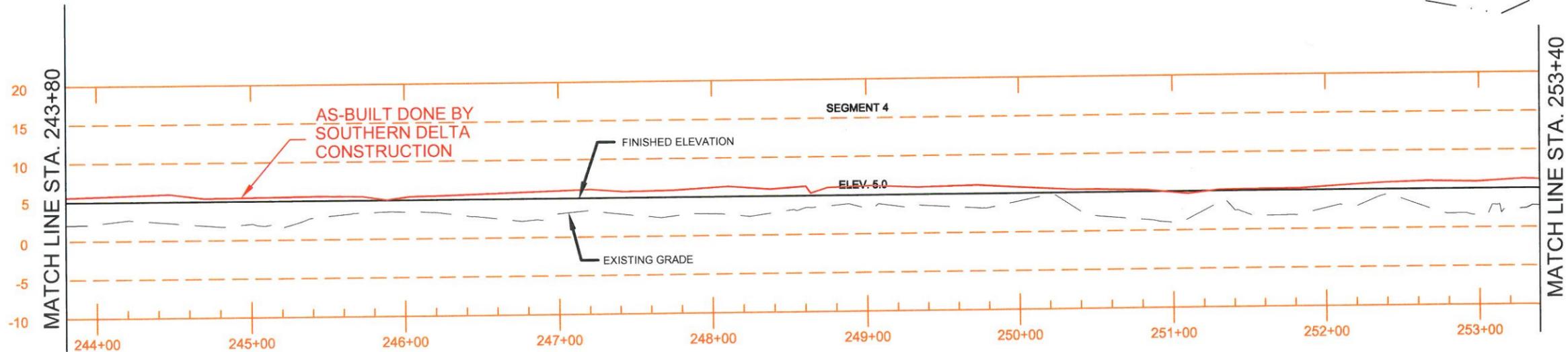
PLAN AND PROFILE
 STRUCTURE NO. 23
 DATE: APRIL 16, 2012
 SHEET 26 OF 50

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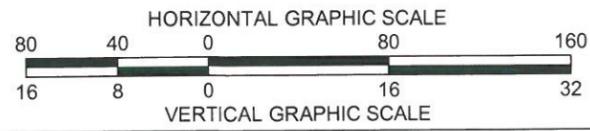
AS-BUILT DRAWING



PLAN



PROFILE



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

MALCOLM PIRNIE | **ARCADIS**
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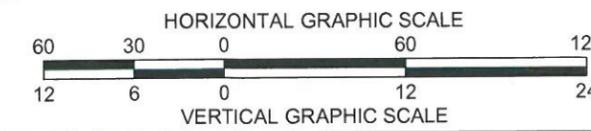
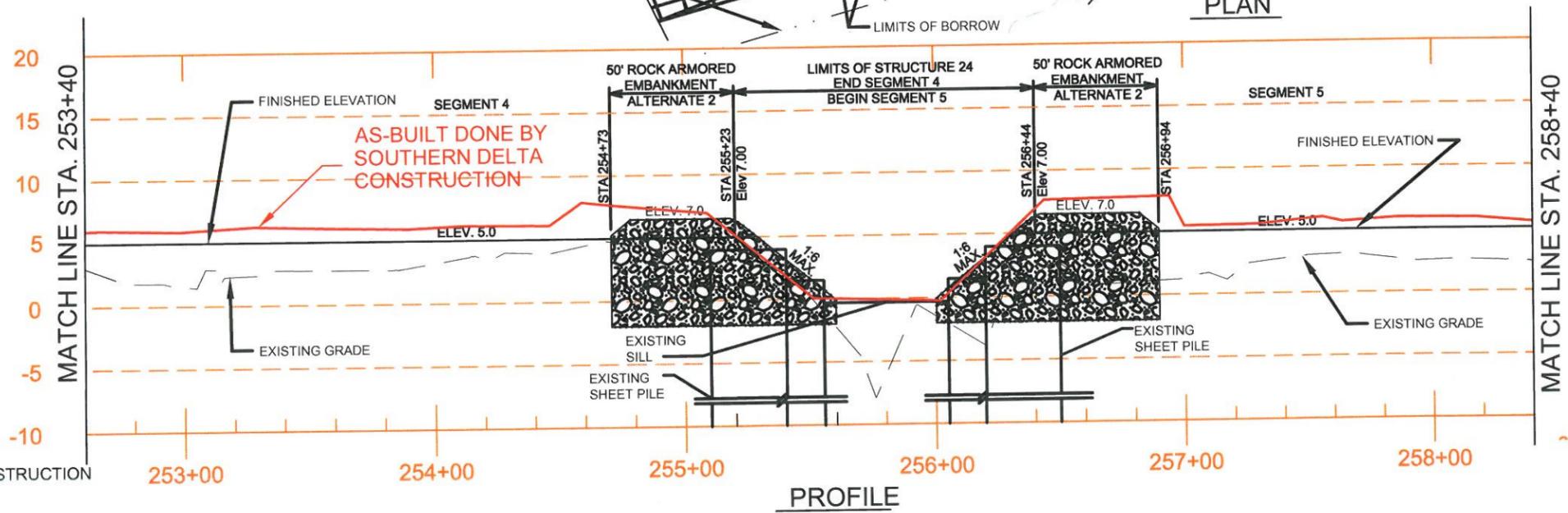
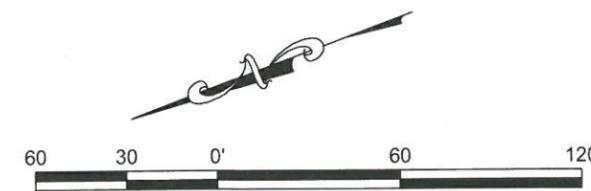
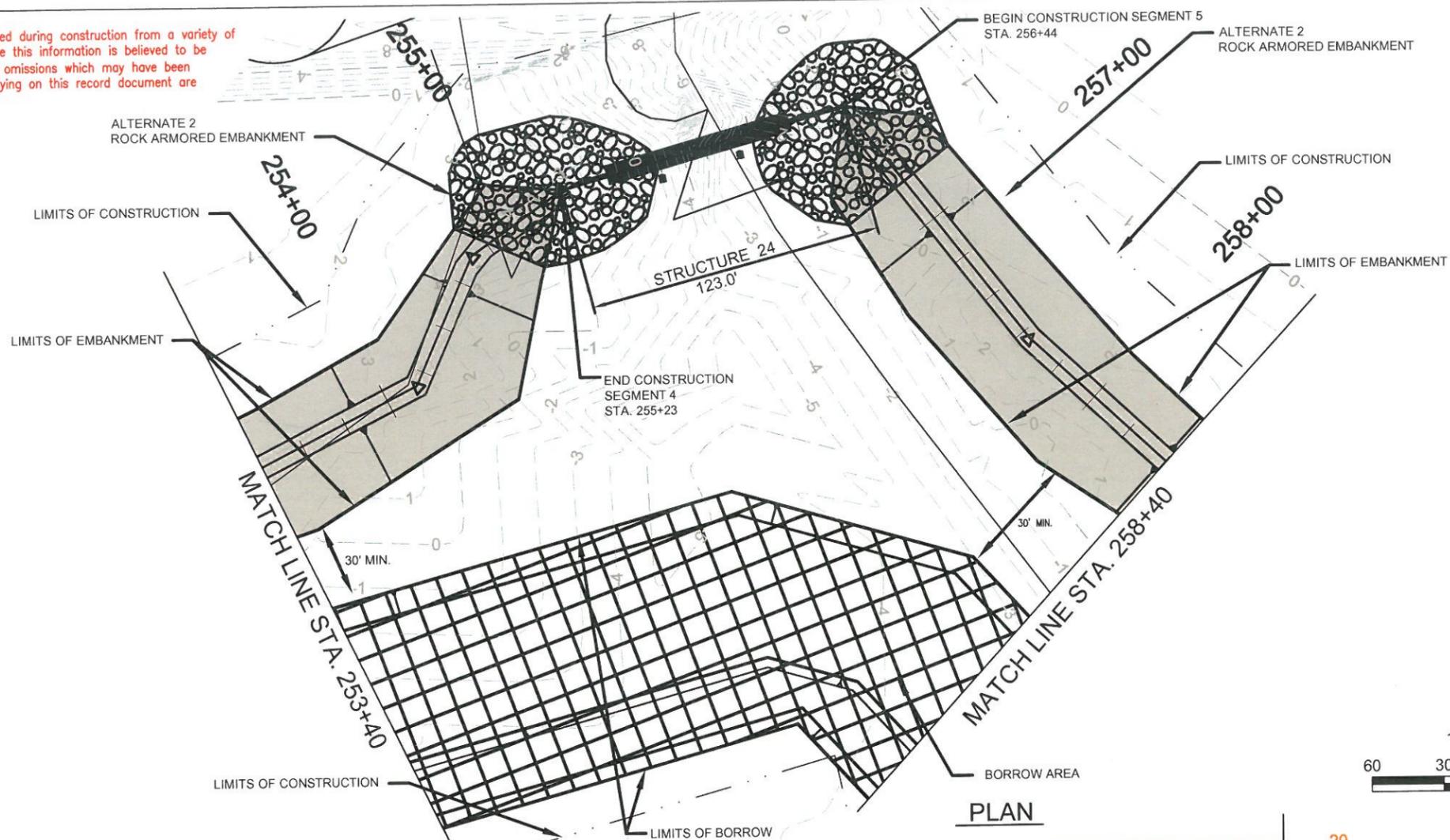
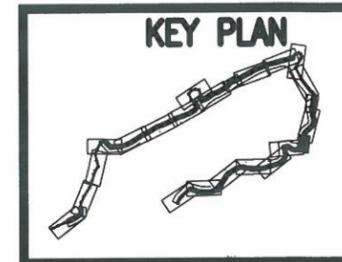
OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804
 DRAWN BY: MQJ | DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 4
 DATE: APRIL 16, 2012
 SHEET 27 OF 50

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AS-BUILT DRAWING



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- BORROW PLACEMENT
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

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ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: CAK | DESIGNED BY: EAC

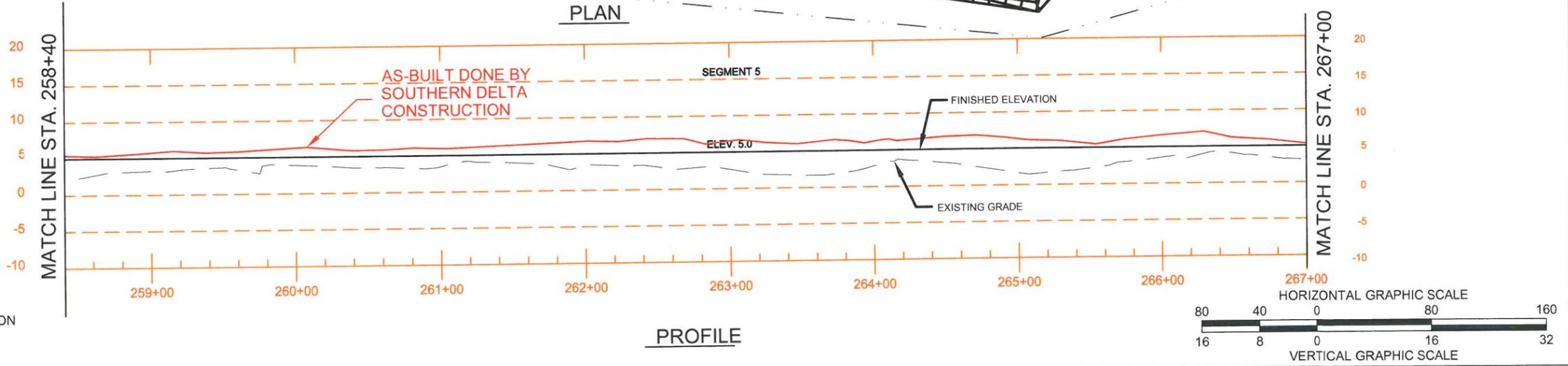
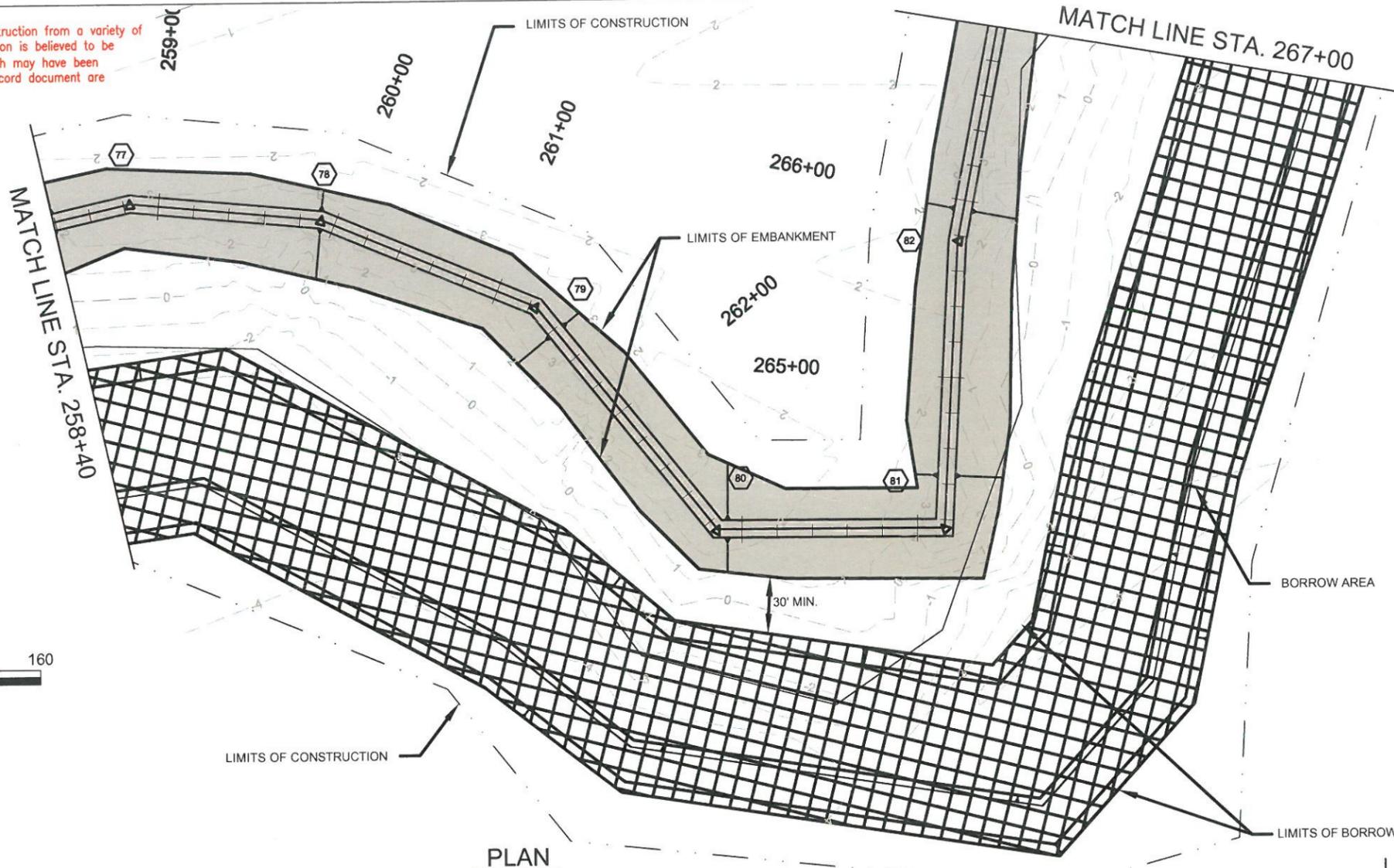
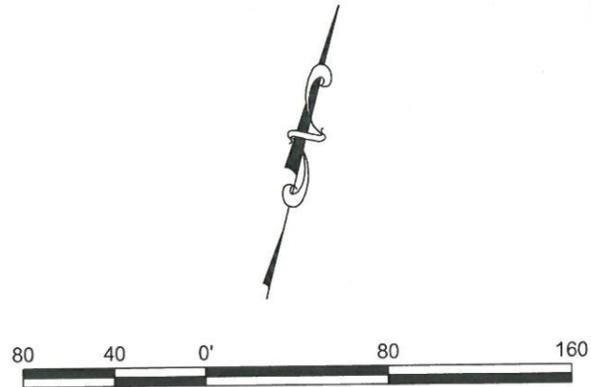
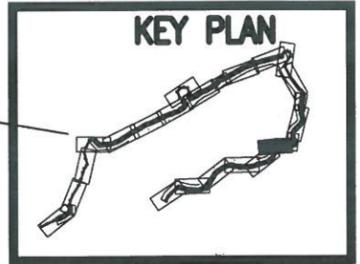
BRADY CANAL HYDROLOGIC RESTORATION
 2011 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DLF

PLAN AND PROFILE
 STRUCTURE NO. 24
 DATE: APRIL 16, 2012
 SHEET 28 OF 50

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AS-BUILT DRAWING



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

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 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ | DESIGNED BY: DLF

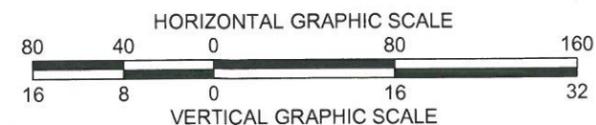
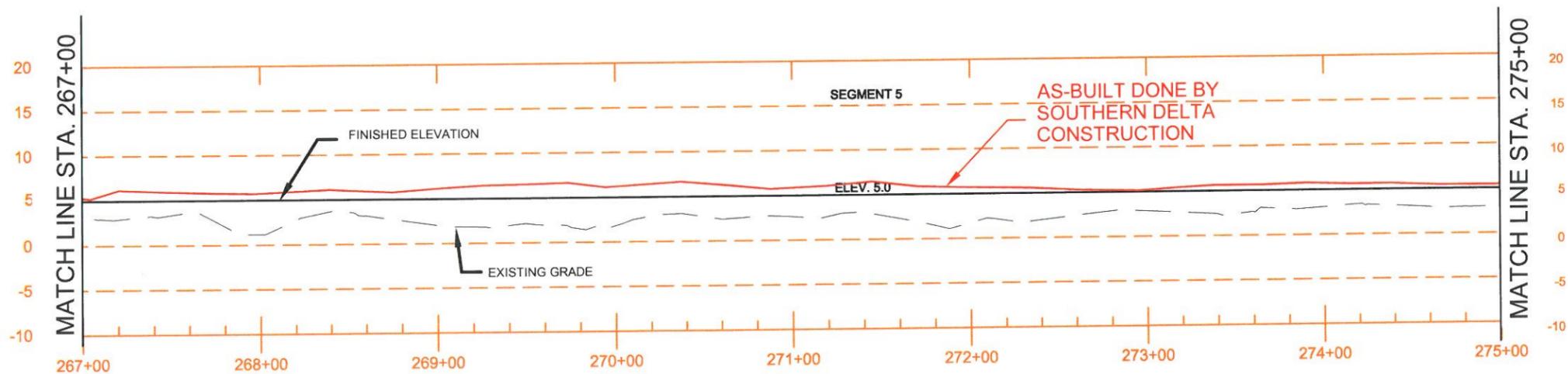
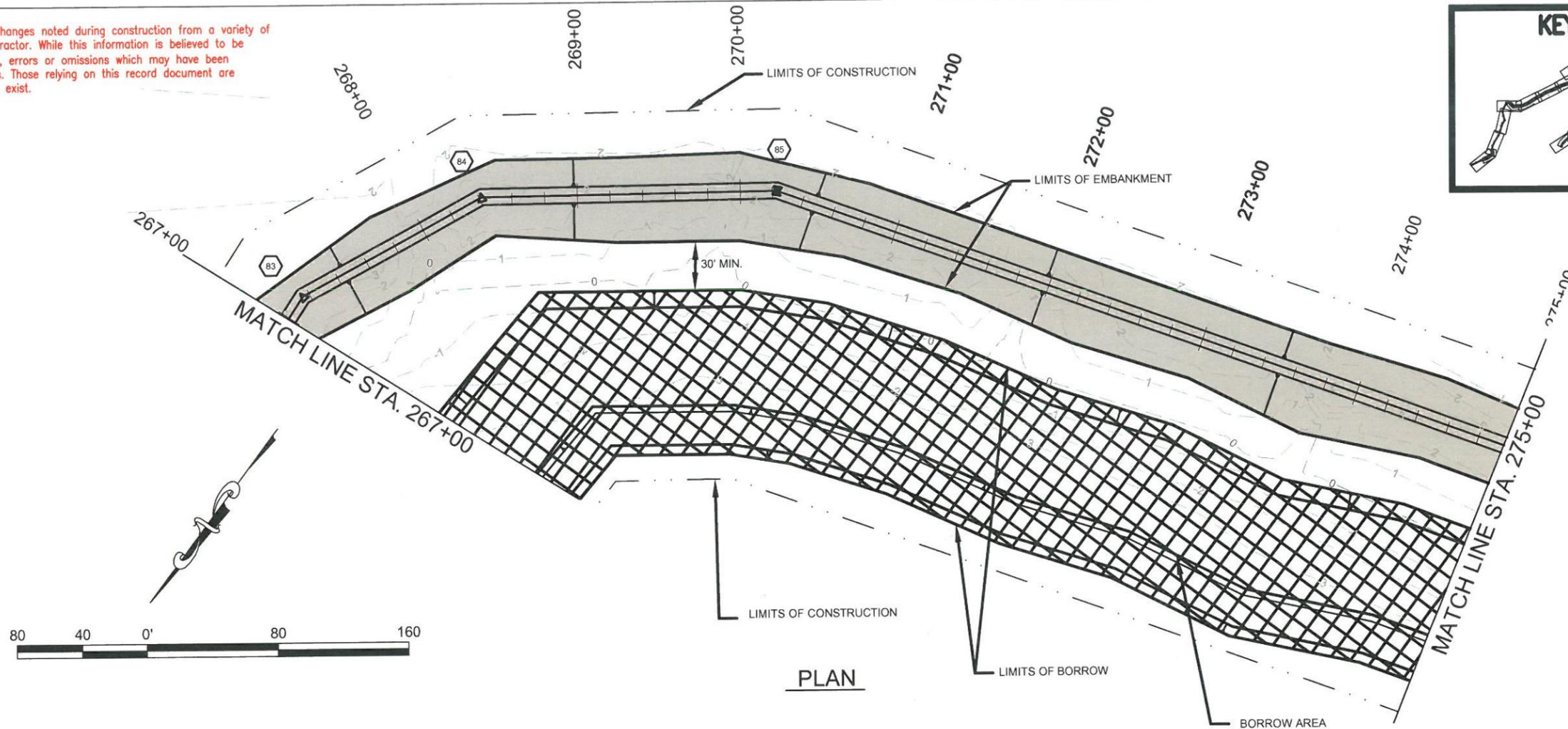
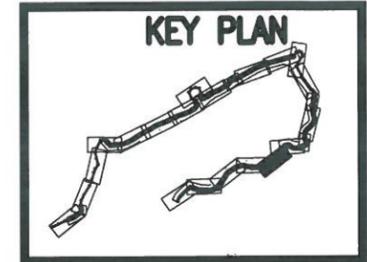
BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 5
 DATE: APRIL 16, 2012
 SHEET 29 OF 50

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AS-BUILT DRAWING



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

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ENGINEERING BRANCH
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 BATON ROUGE, LOUISIANA 70804

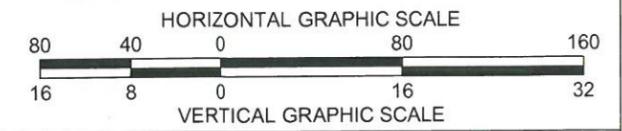
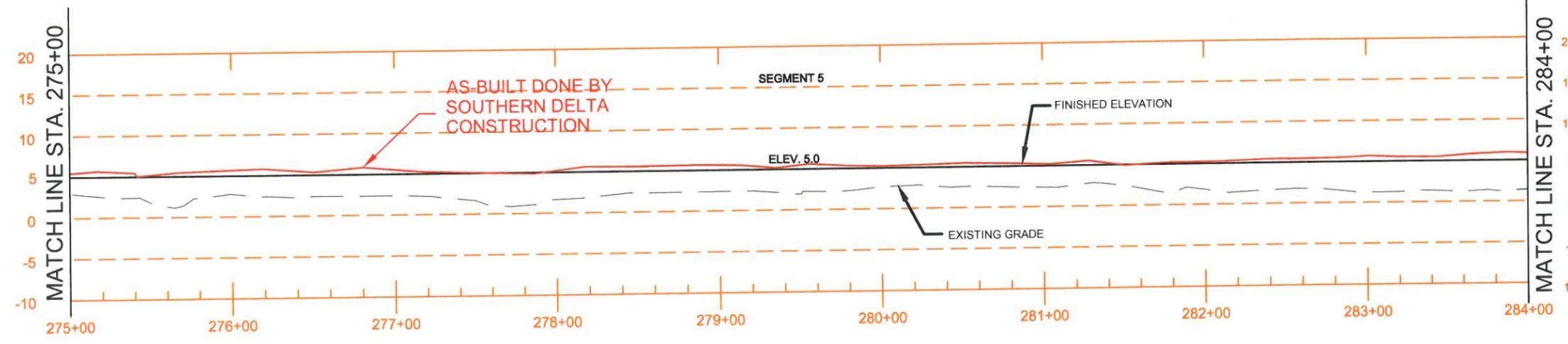
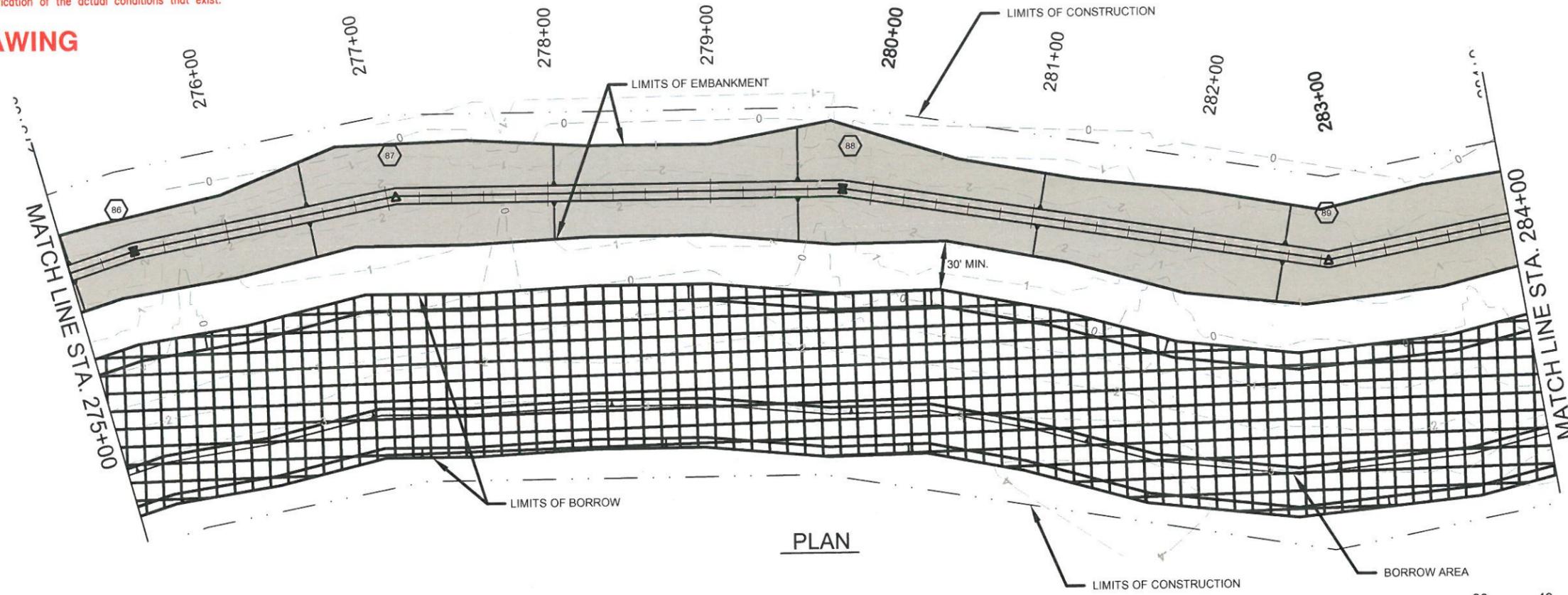
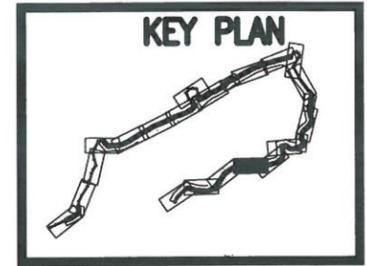
DRAWN BY: MQJ | DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2011 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 5
 DATE: APRIL 16, 2012
 SHEET 30 OF 50

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AS-BUILT DRAWING



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

MALCOLM PIRNIE | **ARCADIS**
The Water Division of ARCADIS
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 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ | DESIGNED BY: DLF

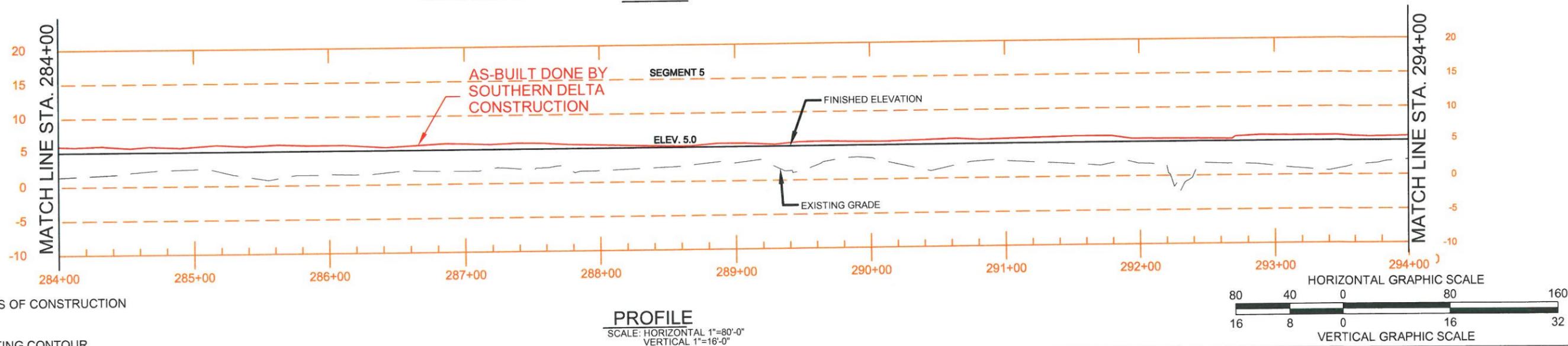
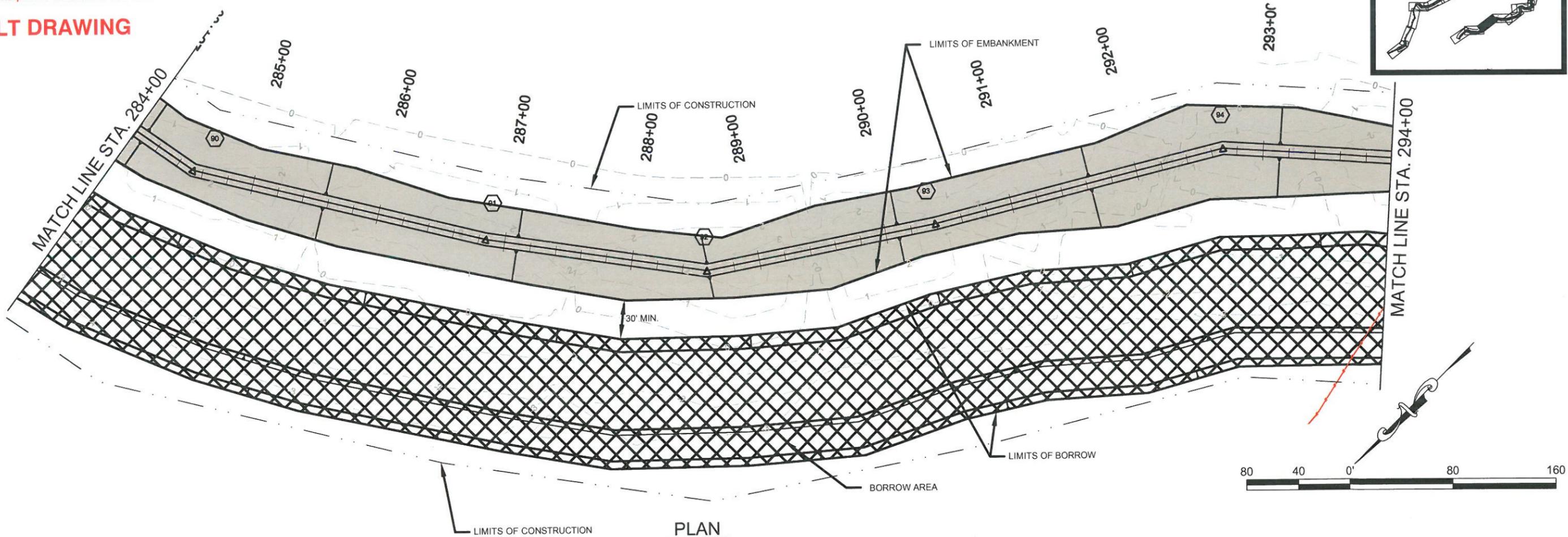
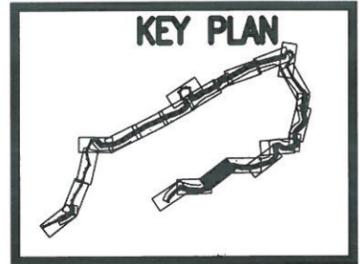
BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 5
 DATE: APRIL 16, 2012
 SHEET 31 OF 50

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AS-BUILT DRAWING



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

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The Water Division of ARCADIS
 3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

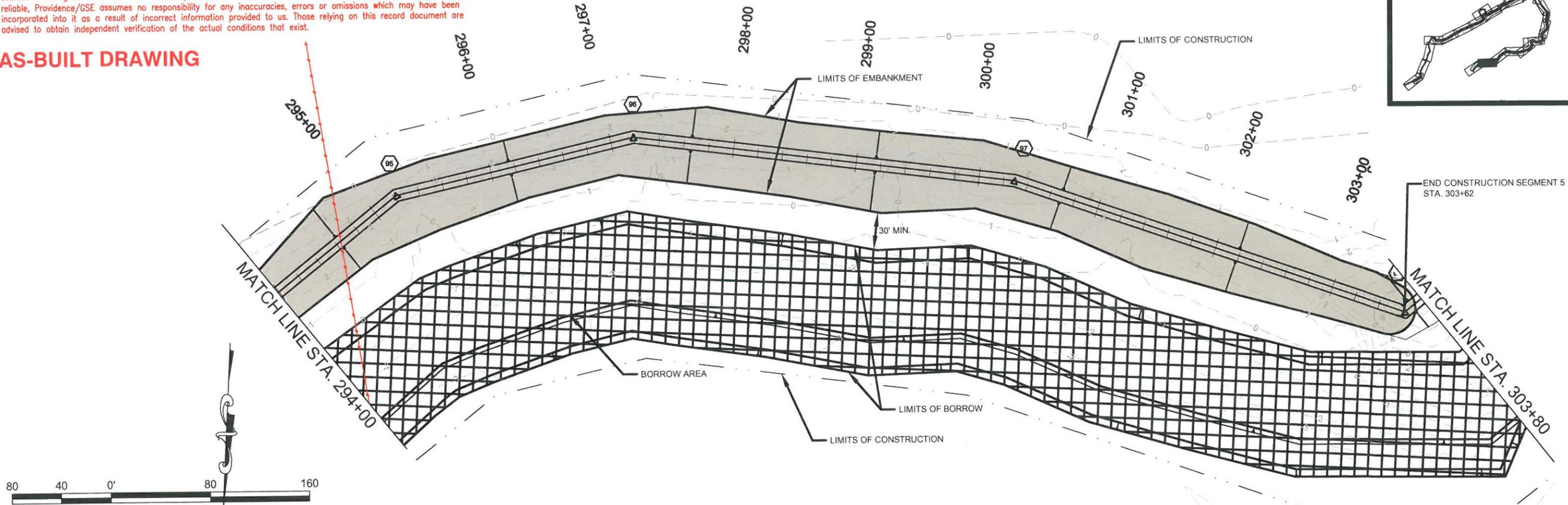
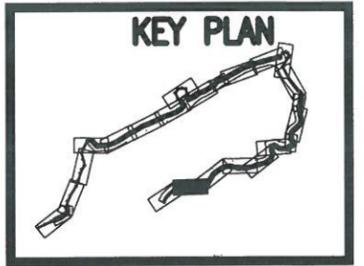
OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ | DESIGNED BY: DLF

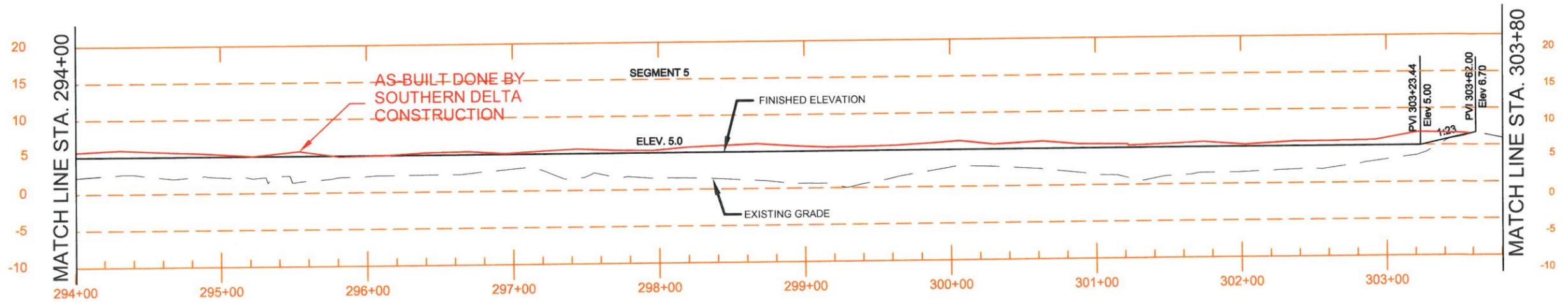
BRADY CANAL HYDROLOGIC RESTORATION 2012 MAINTENANCE PROJECT		PLAN AND PROFILE JUG LAKE SEGMENT NO. 5
STATE PROJECT NUMBER: TE-28		DATE: APRIL 16, 2012
FEDERAL PROJECT NUMBER: TE-28		SHEET 32 OF 50
APPROVED BY: DE		

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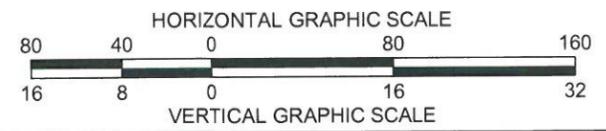
AS-BUILT DRAWING



PLAN



PROFILE



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

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 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

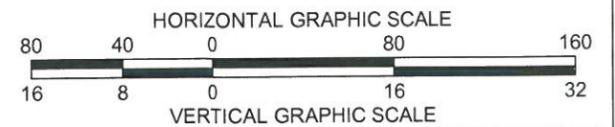
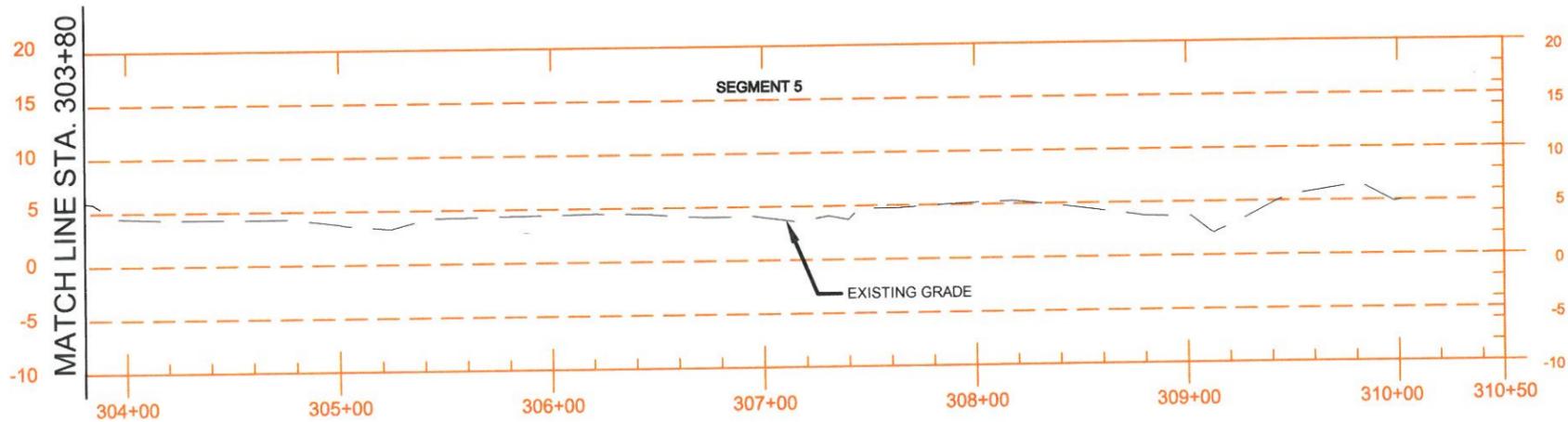
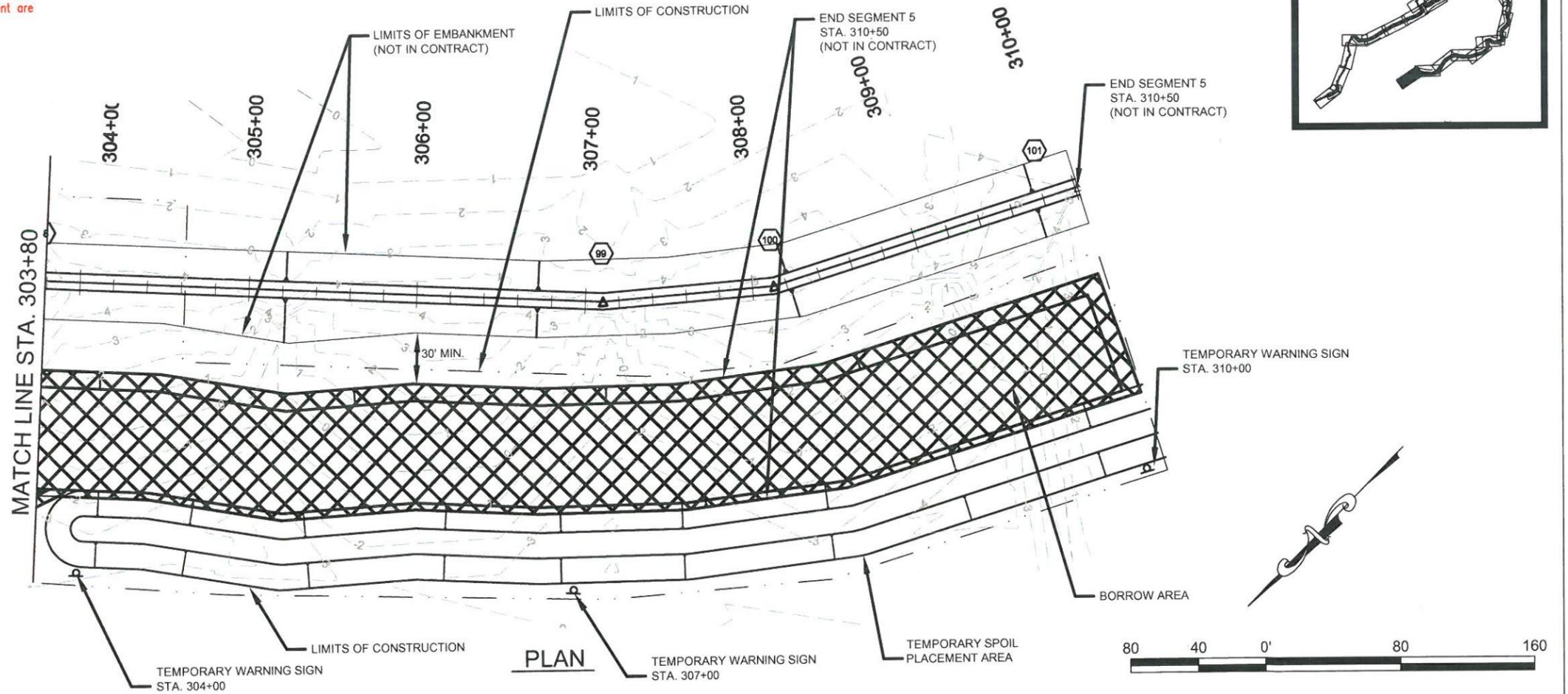
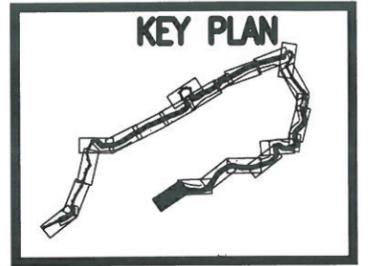
OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804
 DRAWN BY: MQJ | DESIGNED BY: DLF

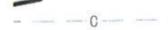
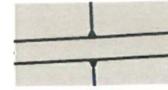
BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 5
 DATE: APRIL 16, 2012
 SHEET 33 OF 50

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AS-BUILT DRAWING



-  LIMITS OF CONSTRUCTION
-  EXISTING CONTOUR
-  NEW EMBANKMENT CONST. LIMITS
-  BORROW DREDGE/FLOTATION CHANNEL

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OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

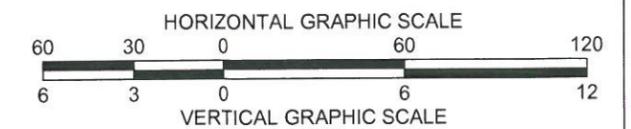
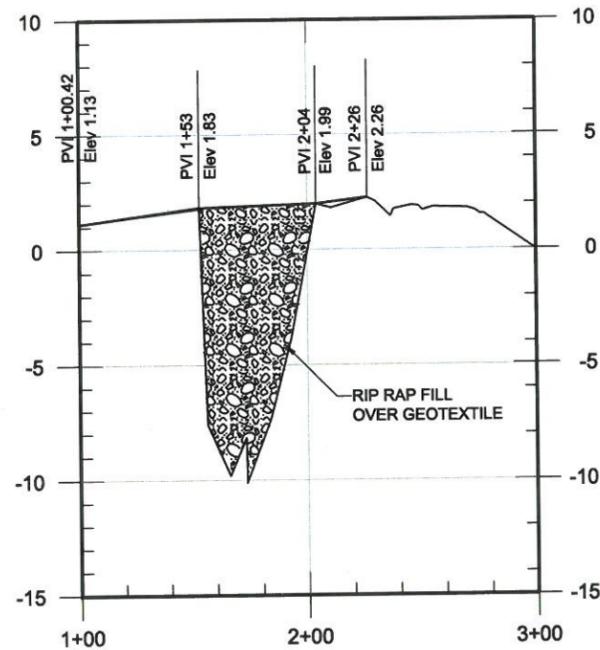
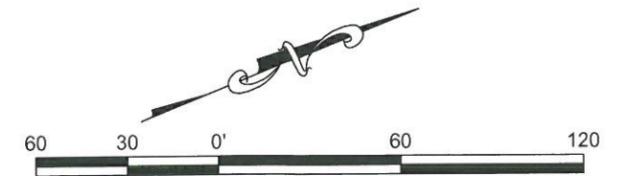
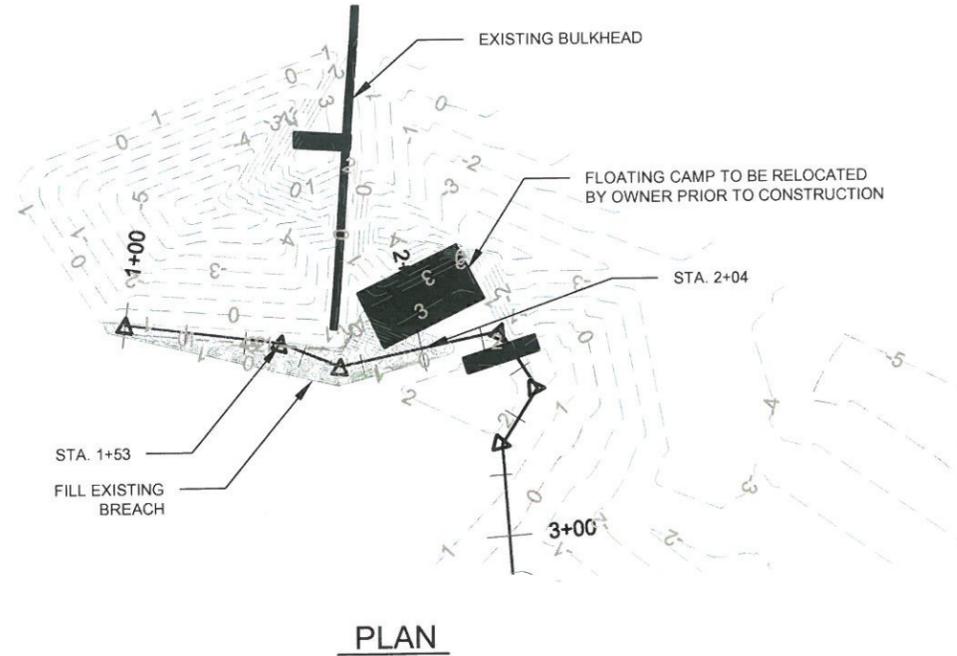
DRAWN BY: MQJ | DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
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PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 5
 DATE: APRIL 16, 2012
 SHEET 34 OF 50

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OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70801

DRAWN BY: MQJ

DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28

FEDERAL PROJECT NUMBER: TE-28

APPROVED BY: DE

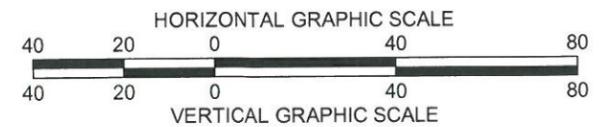
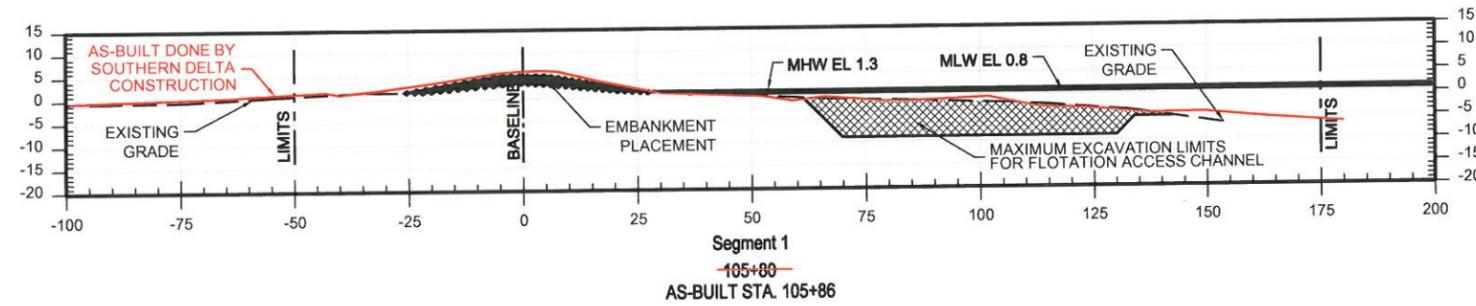
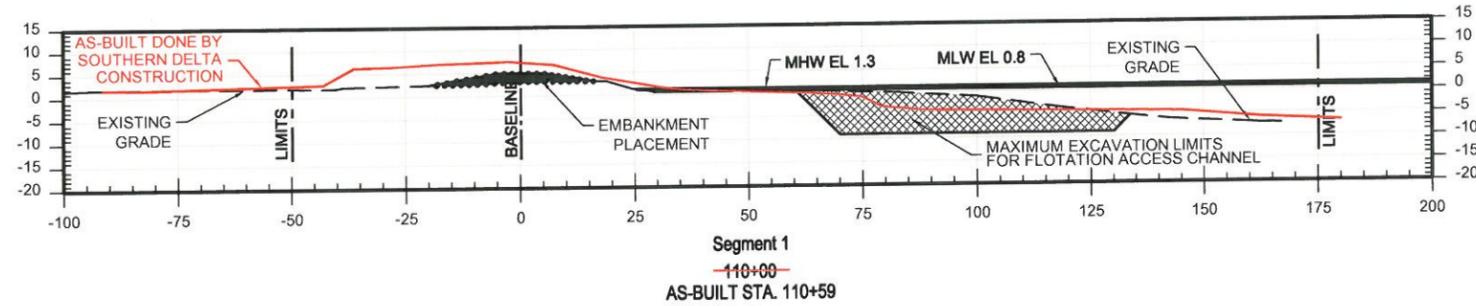
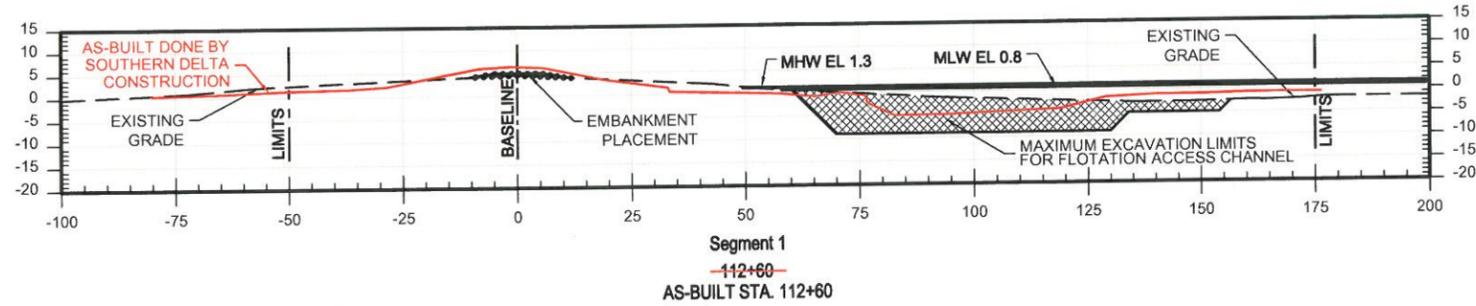
PLAN AND PROFILE
 BRADY CANAL BREACH

DATE: APRIL 16, 2012

SHEET 35 OF 50

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ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ

DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28

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APPROVED BY: DE

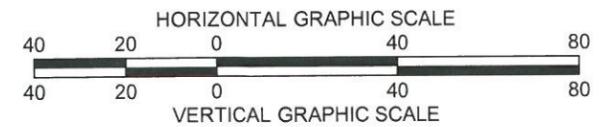
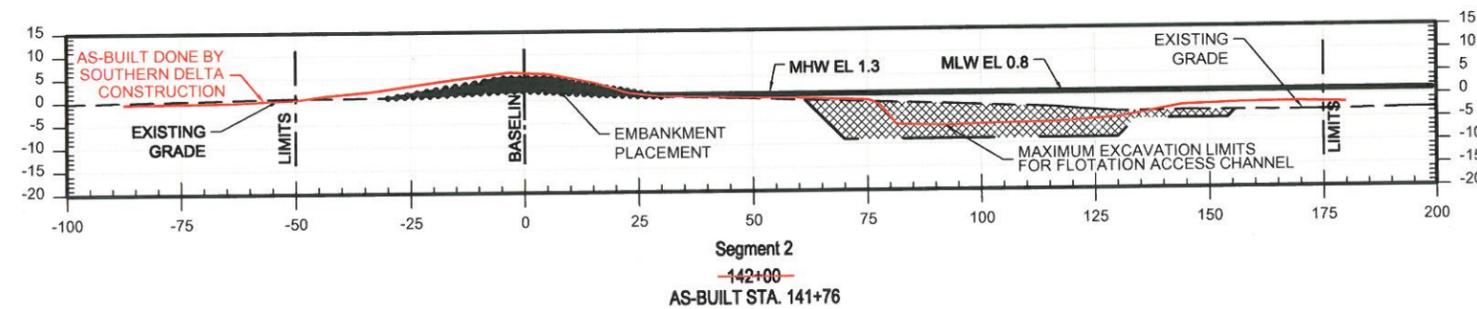
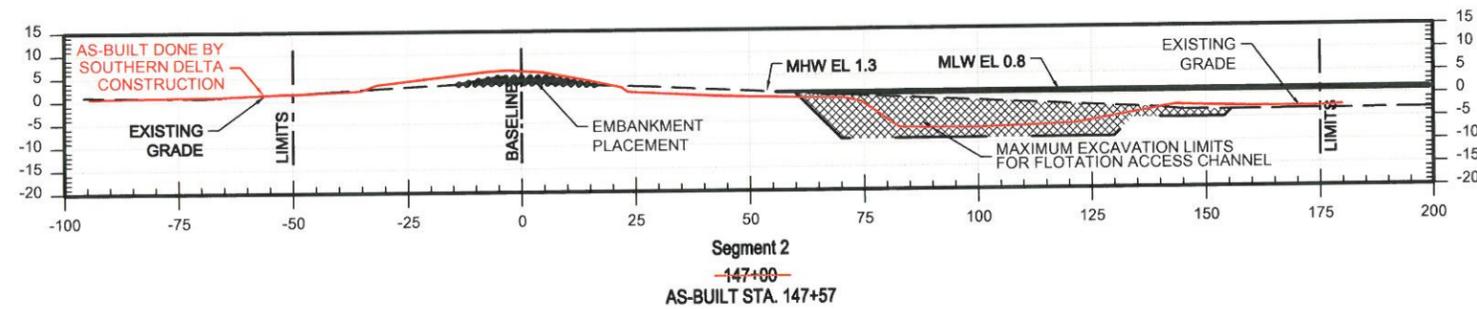
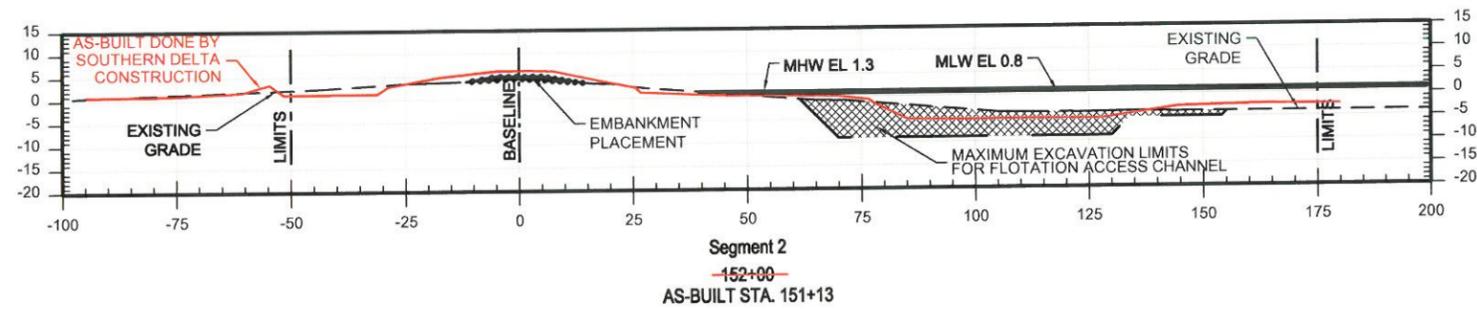
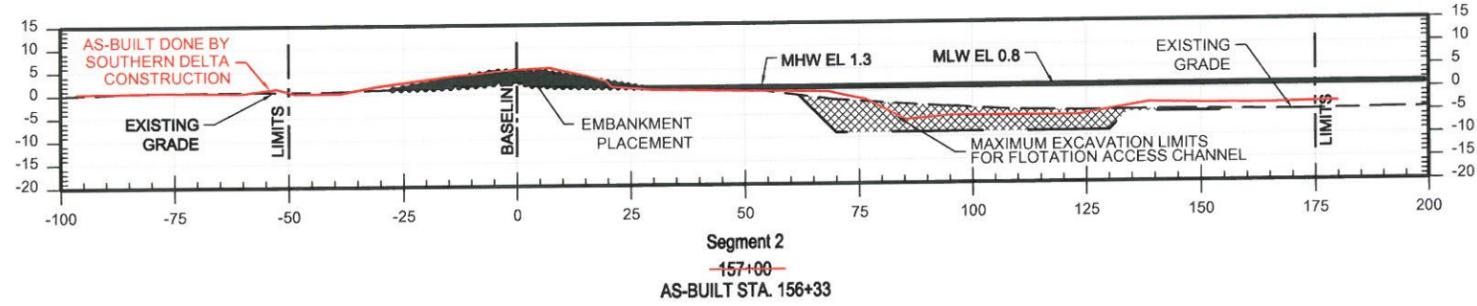
CROSS SECTIONS
 JUG LAKE SEGMENT NO. 1

DATE: APRIL 16, 2012

SHEET 36 OF 50

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 3850 N. CAUSEWAY BLVD, SUITE 1600
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 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

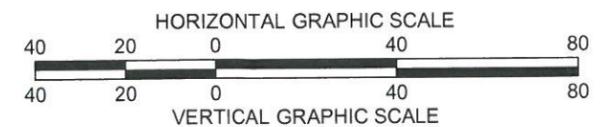
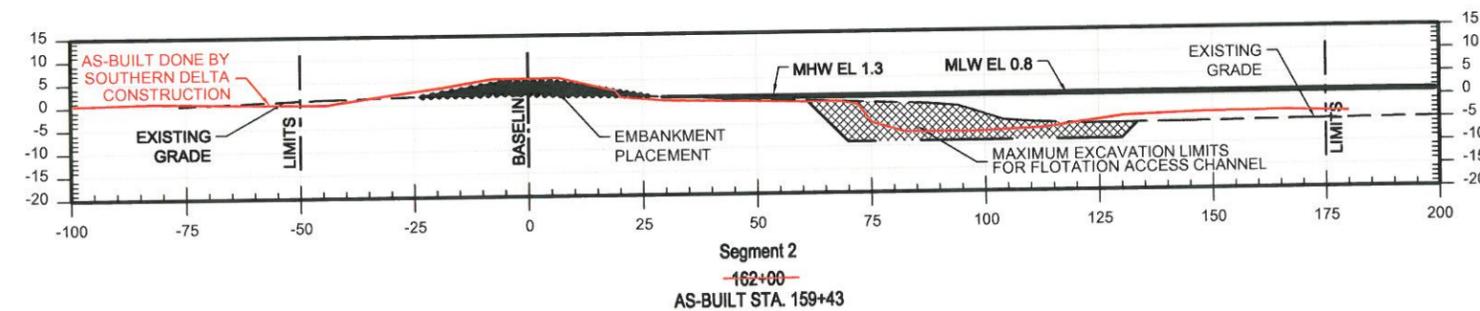
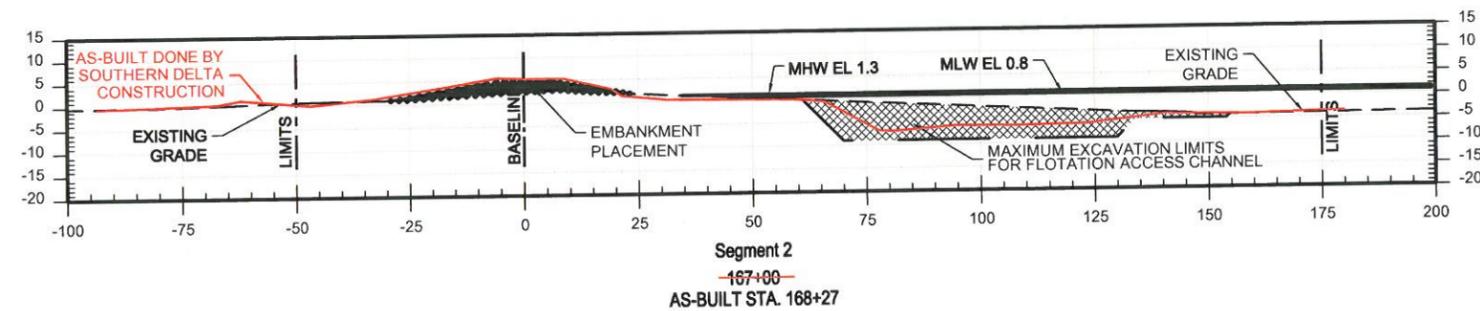
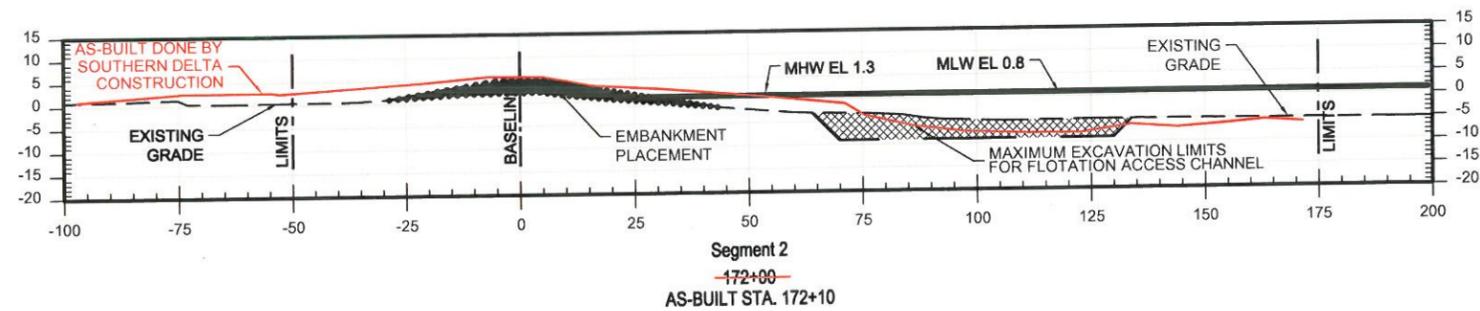
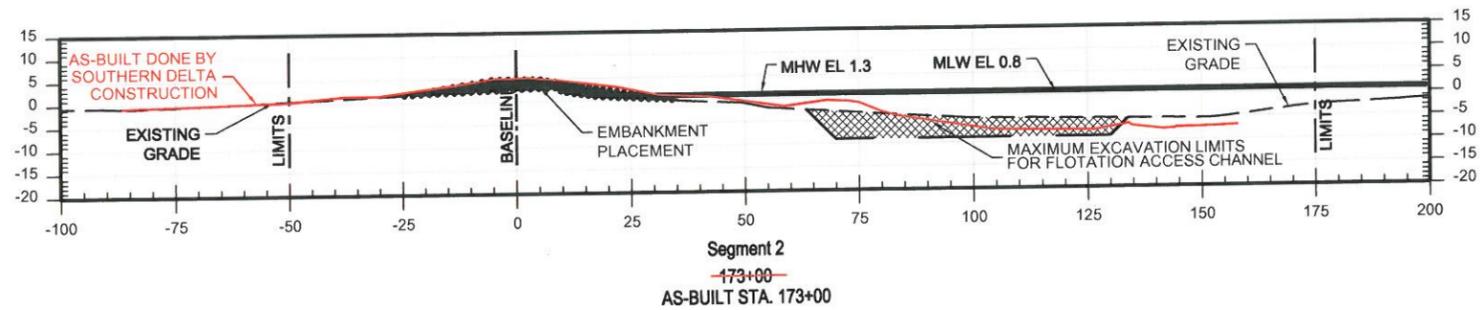
DRAWN BY: MQJ | DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

CROSS SECTIONS
 JUG LAKE SEGMENT NO. 2
 DATE: APRIL 16, 2012
 SHEET 37 OF 50

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OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ

DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28

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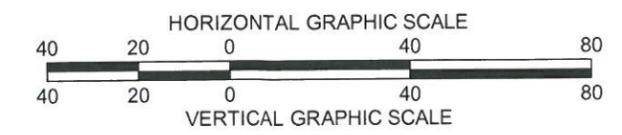
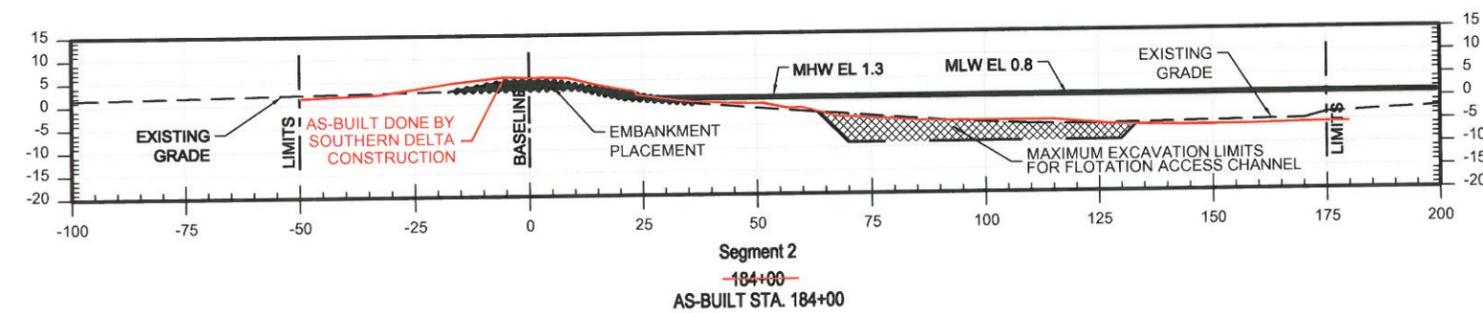
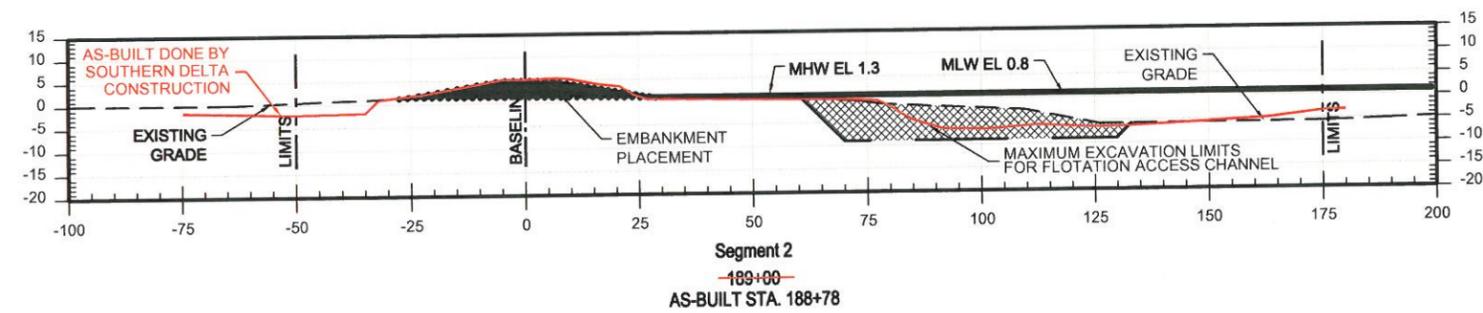
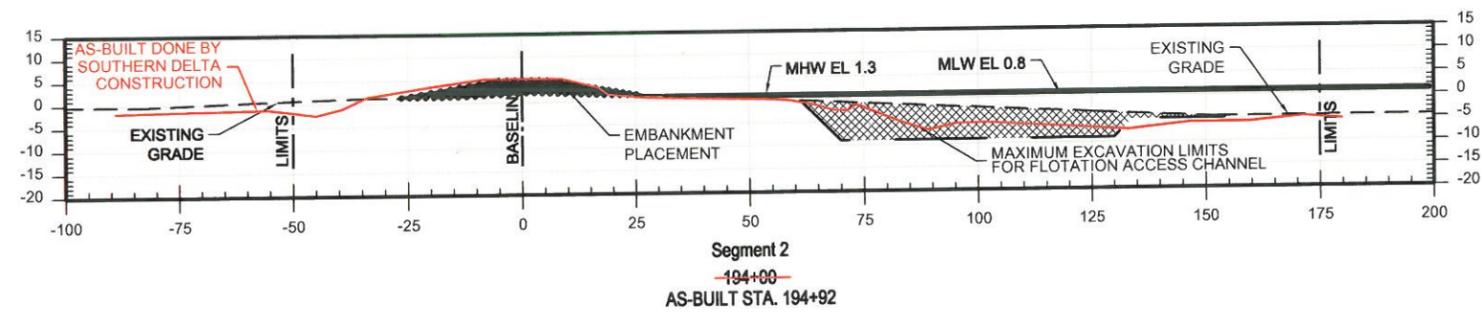
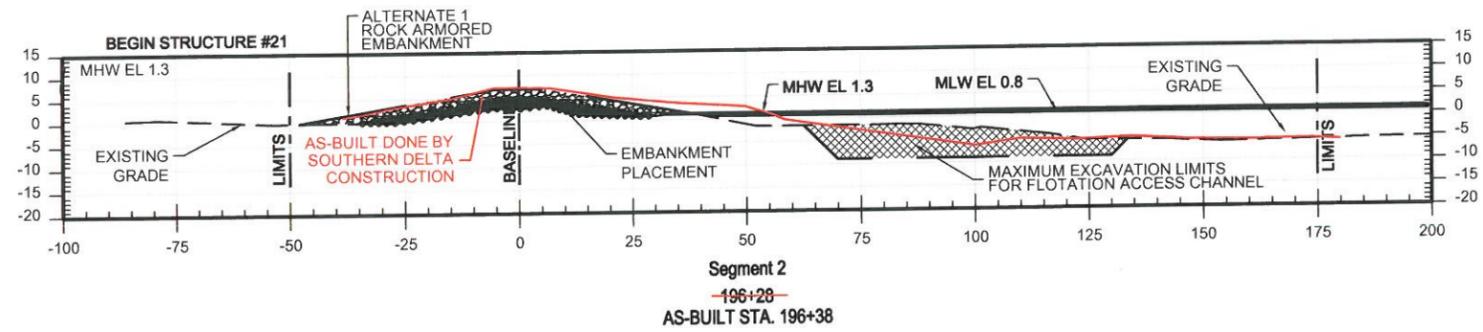
CROSS SECTIONS
 JUG LAKE SEGMENT NO. 2

DATE: APRIL 16, 2012

SHEET 38 OF 50

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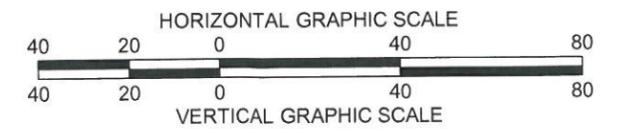
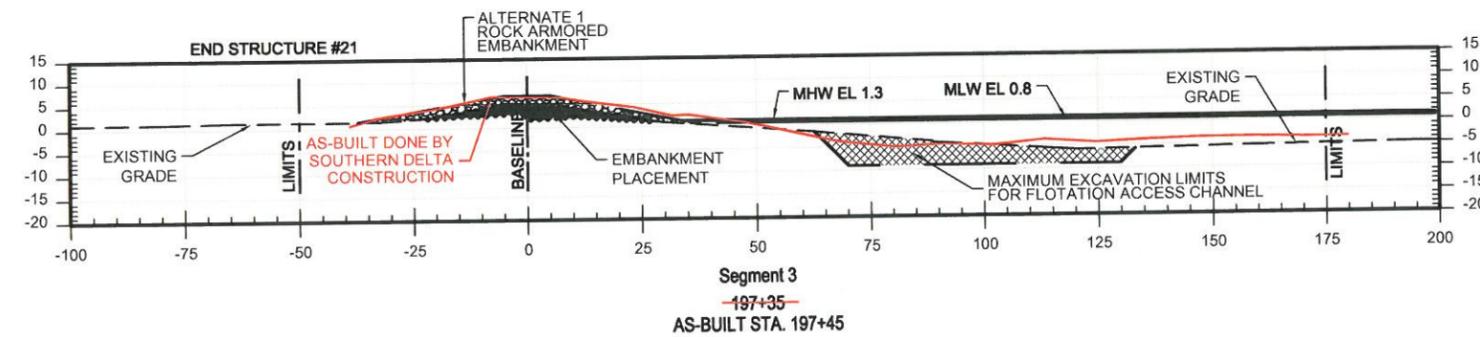
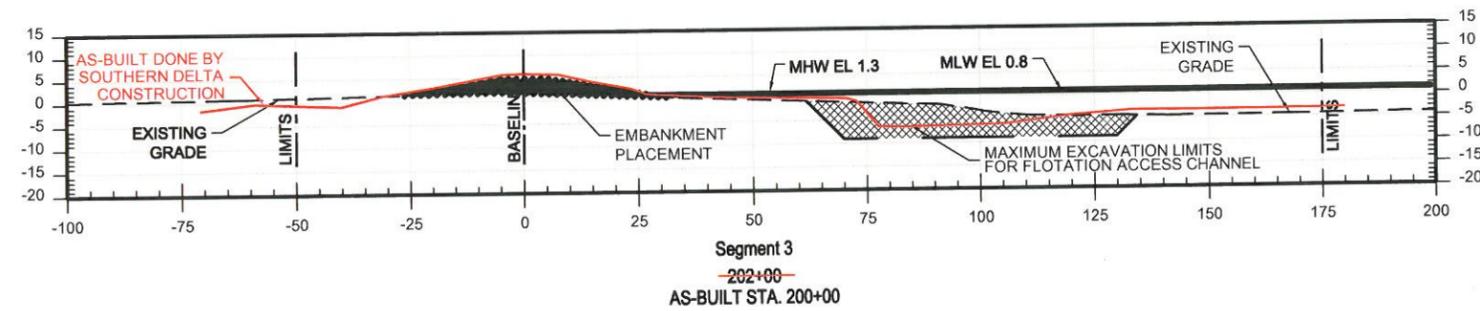
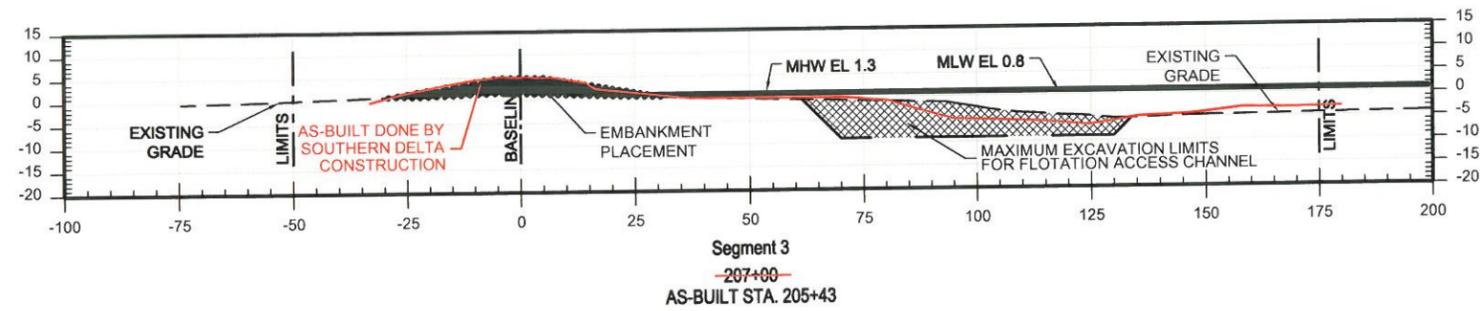
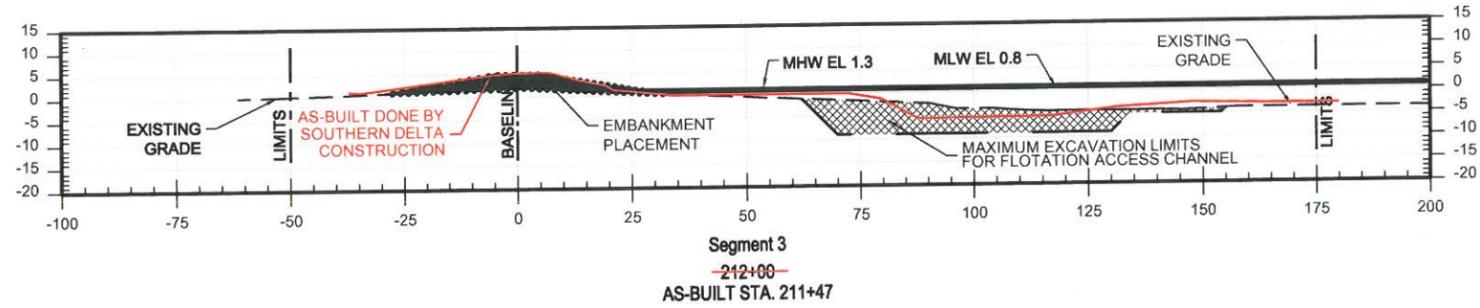
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				<p>The Water Division of ARCADIS</p> <p>3850 N. CAUSEWAY BLVD, SUITE 1600 METAIRIE, LOUISIANA 70002 T. 504.832.4174 F. 504.832.2145</p>	OFFICE OF COASTAL PROTECTION & RESTORATION ENGINEERING BRANCH 450 LAUREL STREET BATON ROUGE, LOUISIANA 70804		BRADY CANAL HYDROLOGIC RESTORATION 2012 MAINTENANCE PROJECT		CROSS SECTIONS JUG LAKE SEGMENT NO. 2	
							STATE PROJECT NUMBER: TE-28		DATE: APRIL 16, 2012	
				DRAWN BY: MQJ		DESIGNED BY: DLF		FEDERAL PROJECT NUMBER: TE-28		
						APPROVED BY: DE		SHEET 39 OF 50		
REV.	DATE	DESCRIPTION	BY							

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OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET
BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ

DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28

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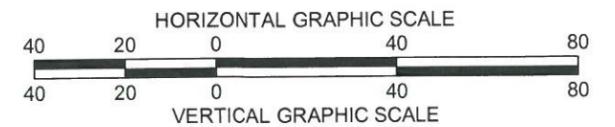
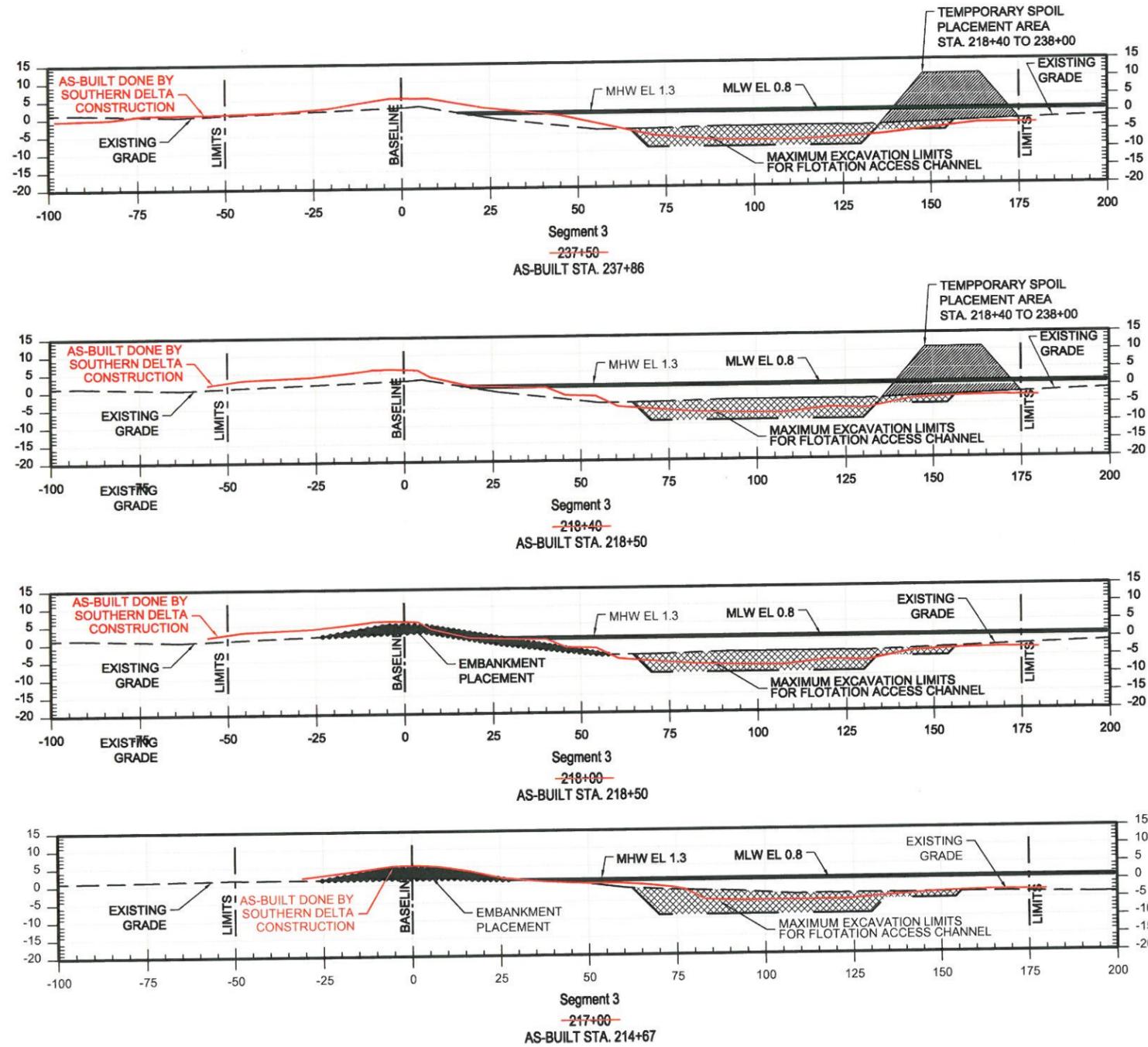
CROSS SECTIONS
JUG LAKE SEGMENT NO. 3

DATE: APRIL 16, 2012

SHEET 40 OF 50

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BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT

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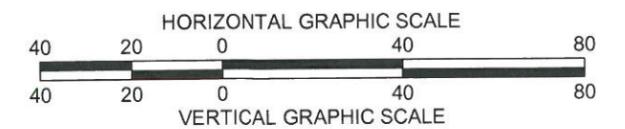
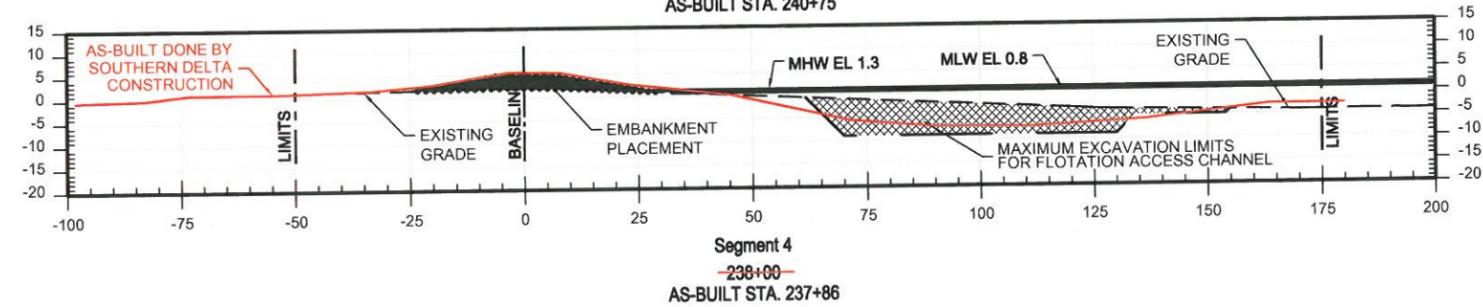
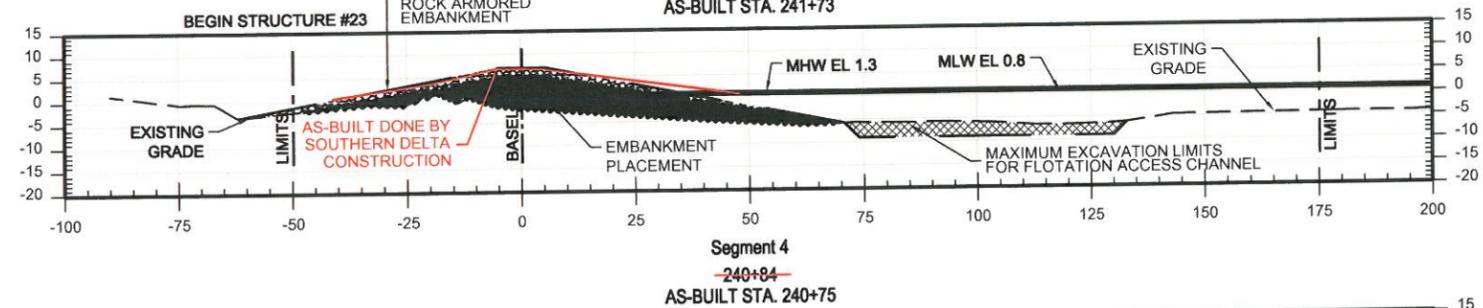
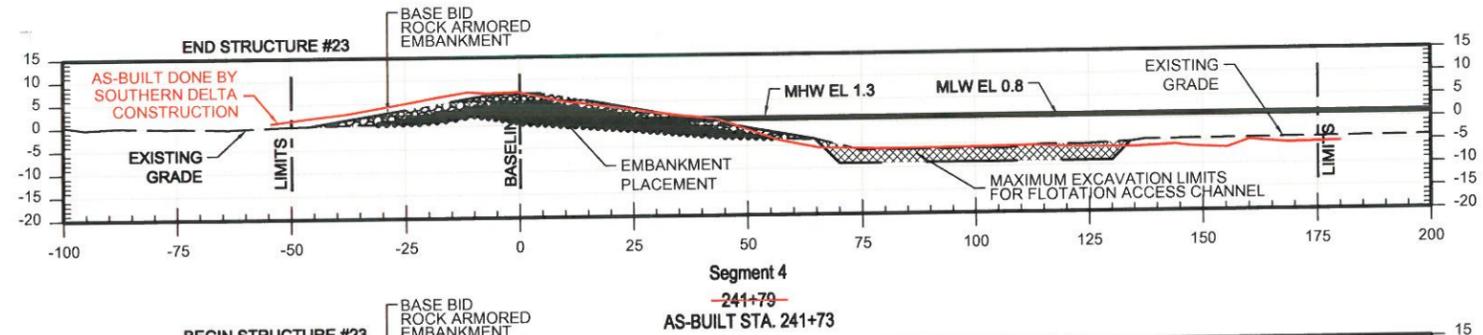
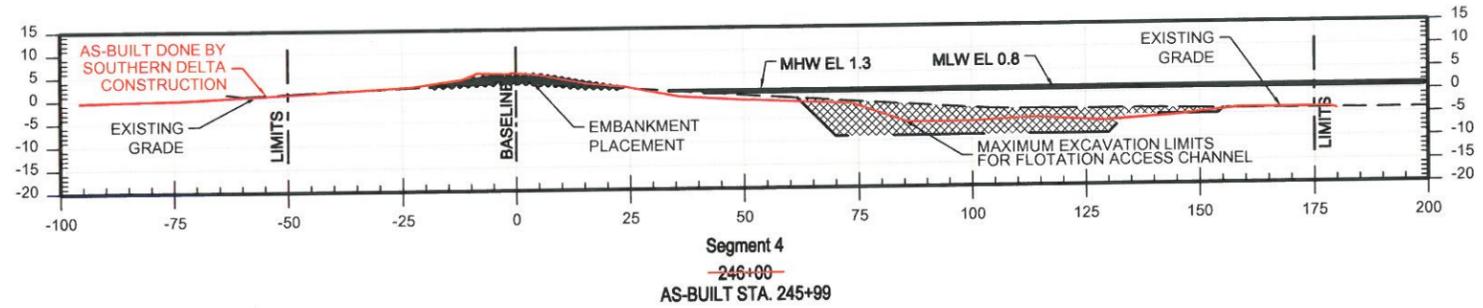
CROSS SECTIONS
JUG LAKE SEGMENT NO. 3

DATE: APRIL 16, 2012

SHEET 41 OF 50

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ENGINEERING BRANCH
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BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
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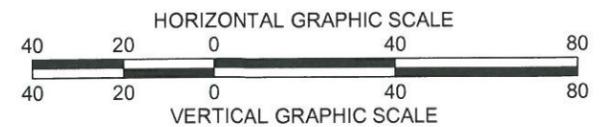
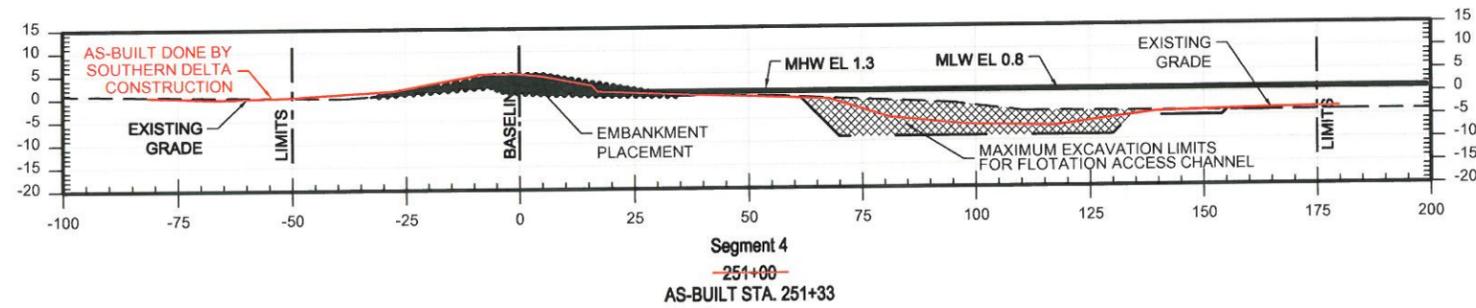
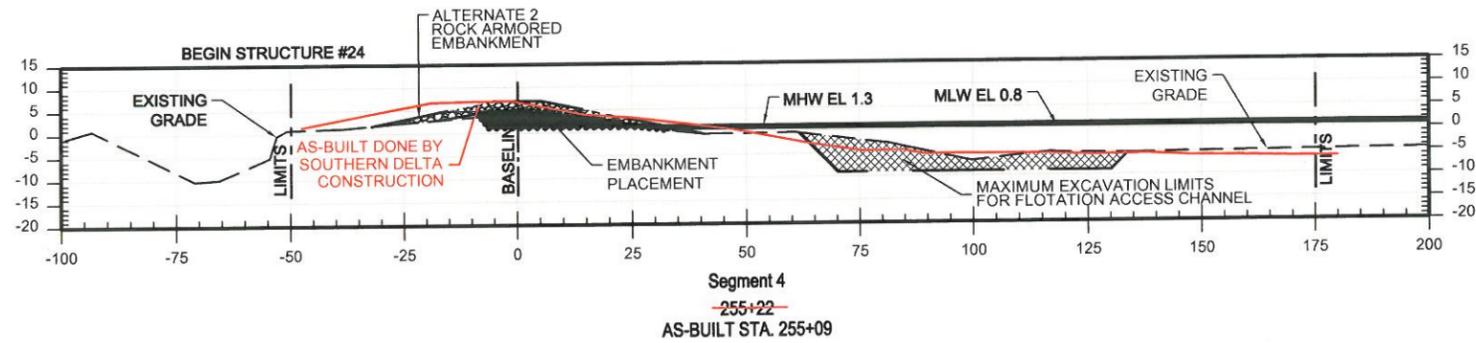
CROSS SECTIONS
 JUG LAKE SEGMENT NO. 4

DATE: APRIL 16, 2012

SHEET 42 OF 50

This record drawing has been prepared, based upon information and changes noted during construction from a variety of sources including that information furnished by contractor and subcontractor. While this information is believed to be reliable, Providence/CSE assumes no responsibility for any inaccuracies, errors or omissions which may have been incorporated into it as a result of incorrect information provided to us. Those relying on this record document are advised to obtain independent verification of the actual conditions that exist.

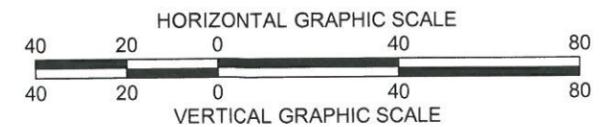
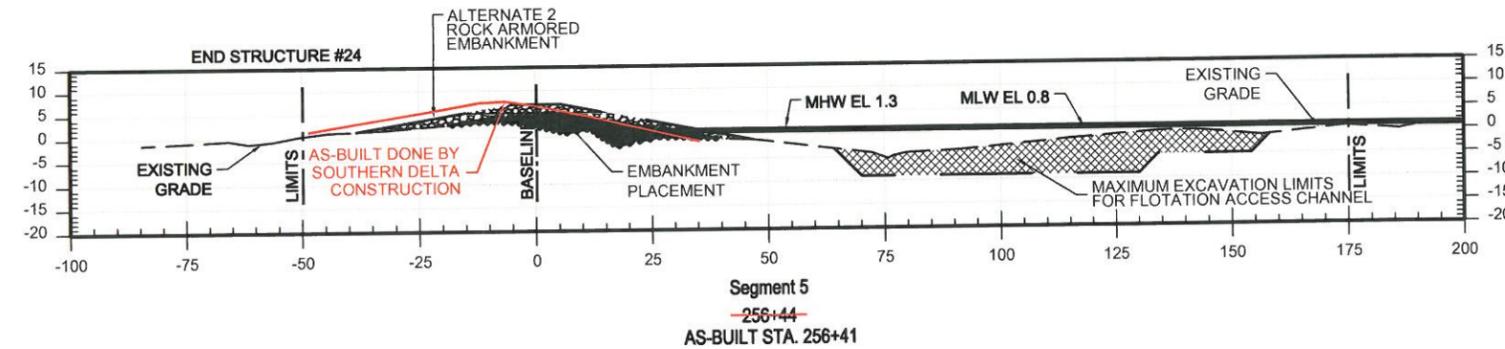
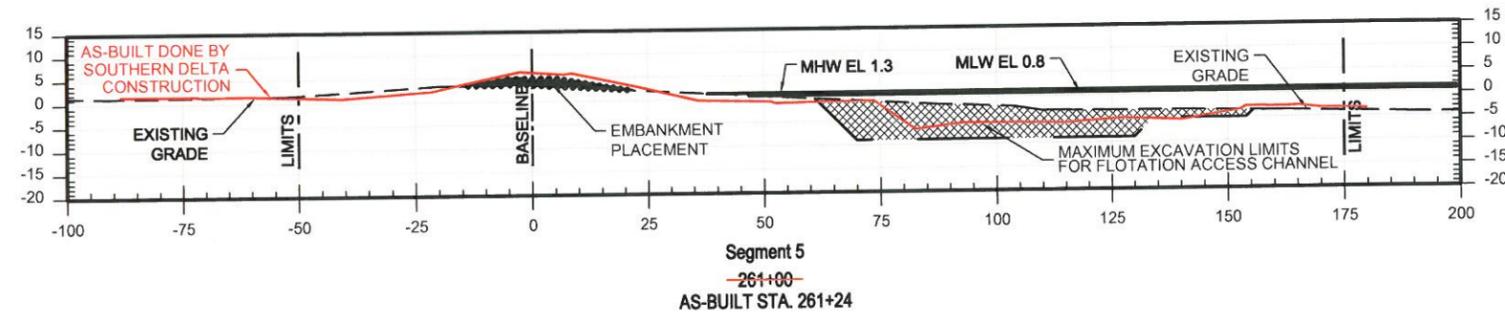
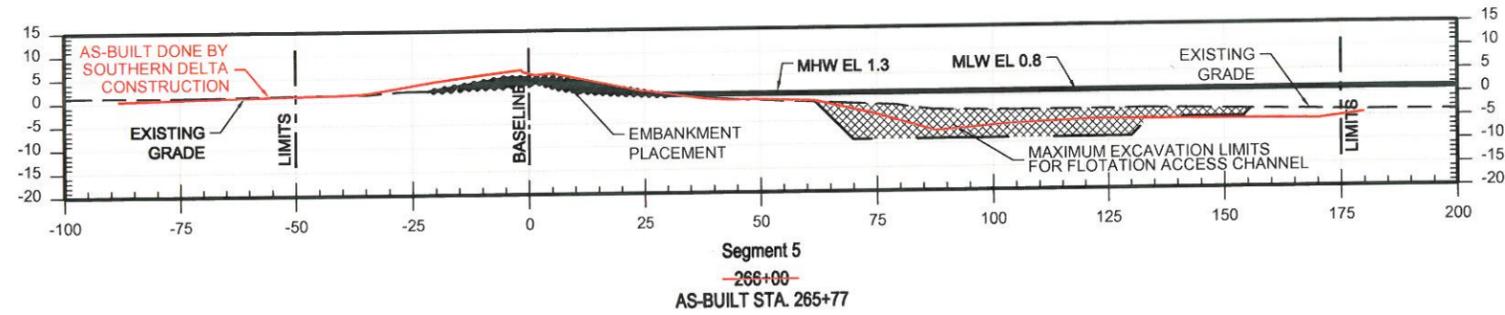
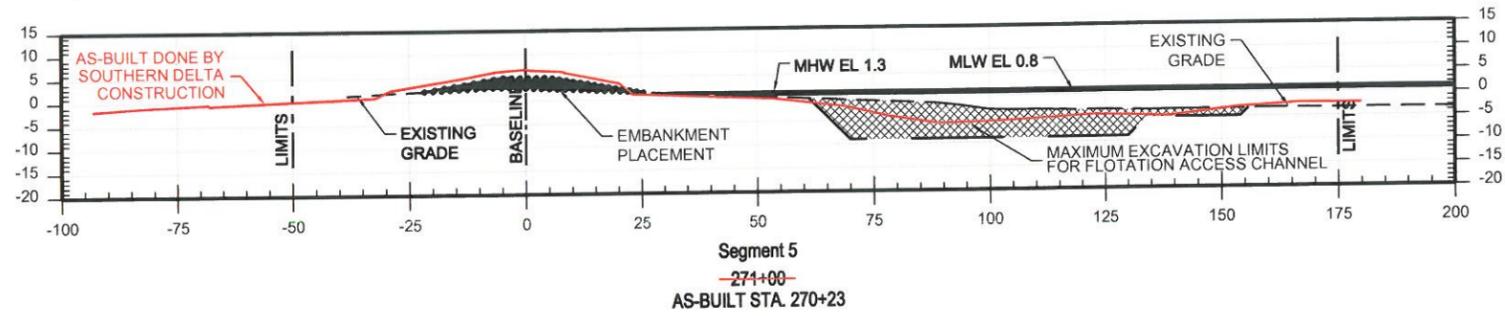
AS-BUILT DRAWING



				OFFICE OF COASTAL PROTECTION & RESTORATION ENGINEERING BRANCH 450 LAUREL STREET BATON ROUGE, LOUISIANA 70804		BRADY CANAL HYDROLOGIC RESTORATION 2012 MAINTENANCE PROJECT		CROSS SECTIONS JUG LAKE SEGMENT NO. 4	
		<i>The Water Division of ARCADIS</i> 3850 N. CAUSEWAY BLVD, SUITE 1600 METAIRIE, LOUISIANA 70002 T. 504.832.4174 F. 504.832.2145		DRAWN BY: MQJ		DESIGNED BY: DLF		STATE PROJECT NUMBER: TE-28	
						FEDERAL PROJECT NUMBER: TE-28		DATE: APRIL 16, 2012	
						APPROVED BY: DE		SHEET 43 OF 50	
REV.	DATE	DESCRIPTION	BY						

This record drawing has been prepared, based upon information and changes noted during construction from a variety of sources including that information furnished by contractor and subcontractor. While this information is believed to be reliable, Providence/GSE assumes no responsibility for any inaccuracies, errors or omissions which may have been incorporated into it as a result of incorrect information provided to us. Those relying on this record document are advised to obtain independent verification of the actual conditions that exist.

AS-BUILT DRAWING



REV.	DATE	DESCRIPTION	BY

MALCOLM PIRNIE | **ARCADIS**
The Water Division of ARCADIS

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ | DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28

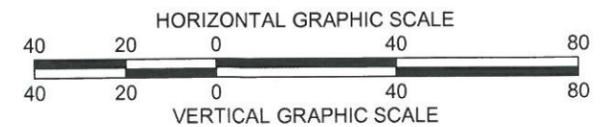
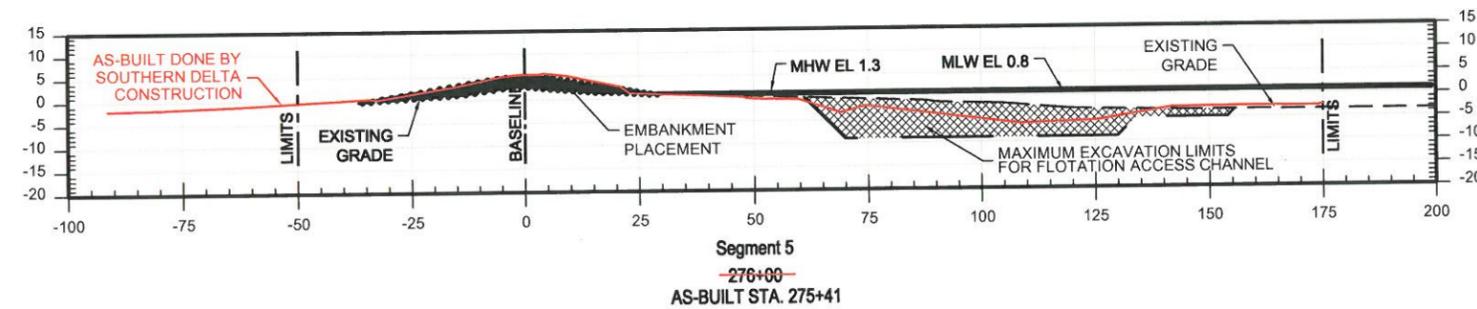
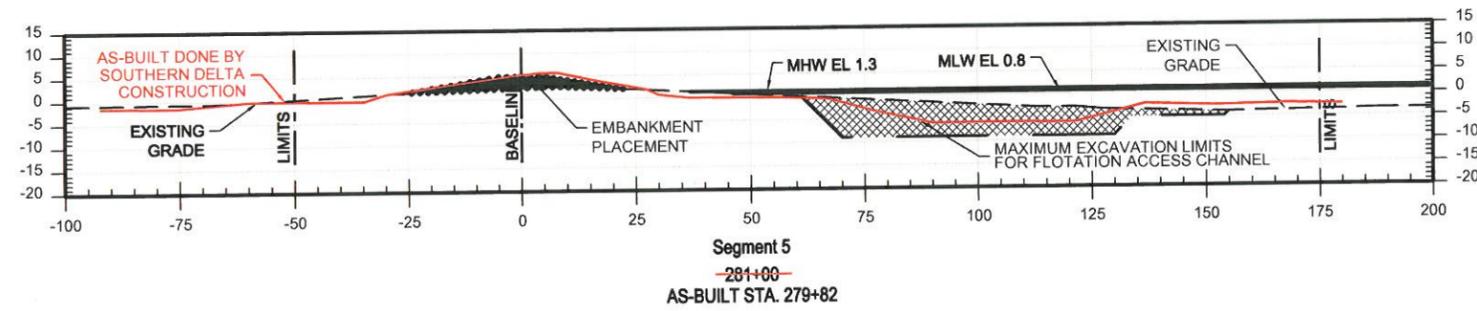
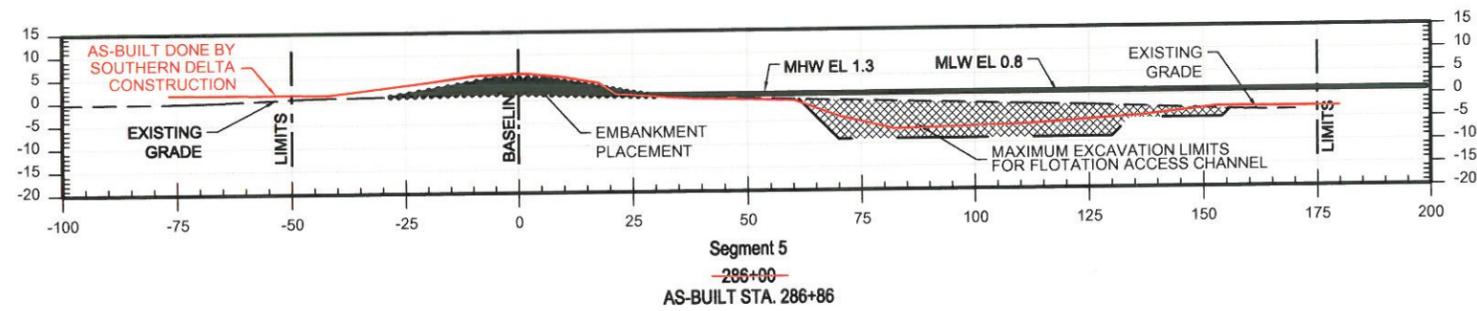
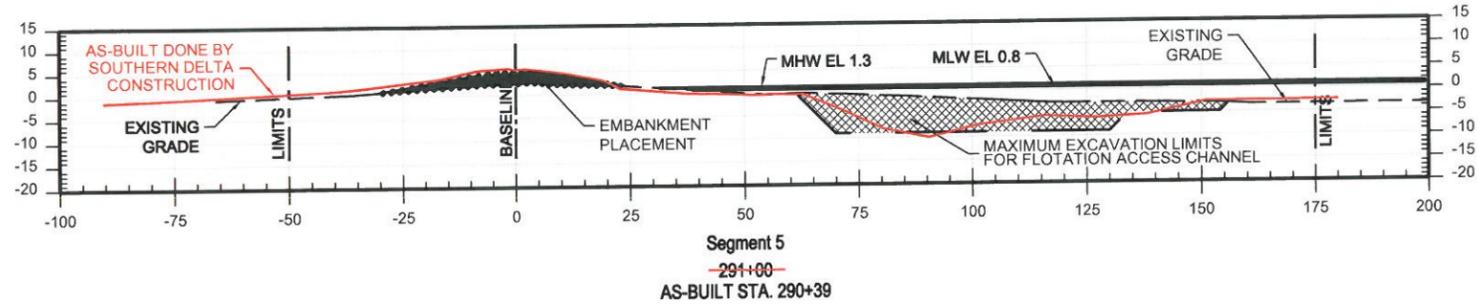
APPROVED BY: DE

CROSS SECTIONS
 JUG LAKE SEGMENT NO. 5

DATE: APRIL 16, 2012
 SHEET 44 OF 50

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AS-BUILT DRAWING



REV.	DATE	DESCRIPTION	BY

MALCOLM PIRNIE | **ARCADIS**
The Water Division of ARCADIS
 3850 N. CAUSEWAY BLVD, SUITE 1600
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 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
 ENGINEERING BRANCH

450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ

DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28

FEDERAL PROJECT NUMBER: TE-28

APPROVED BY: DE

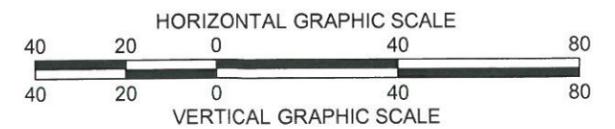
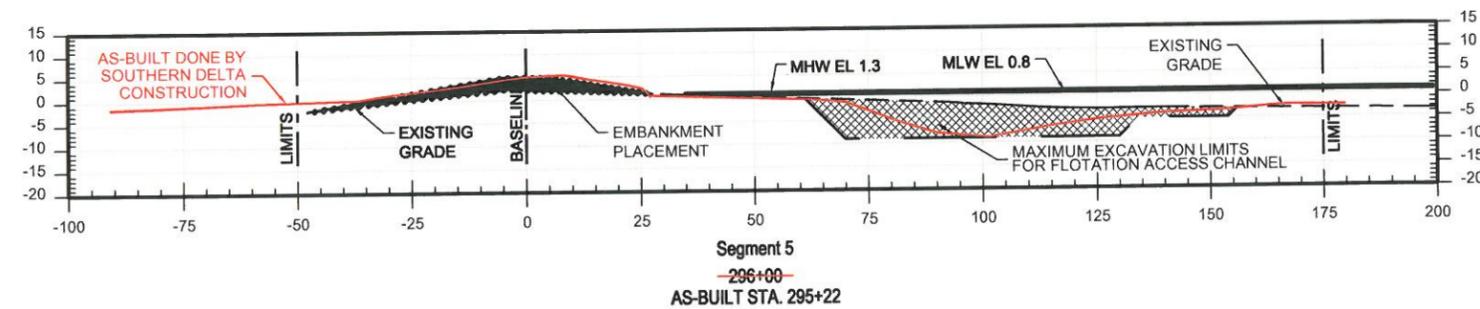
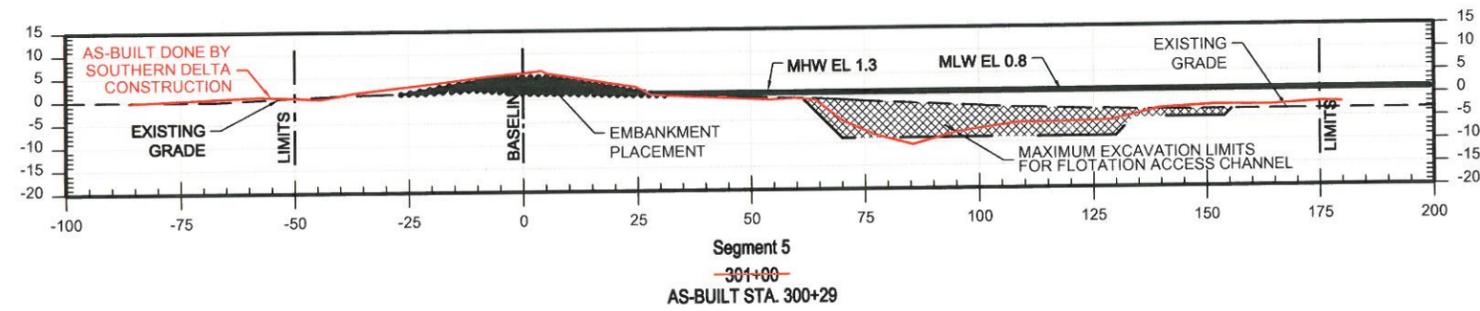
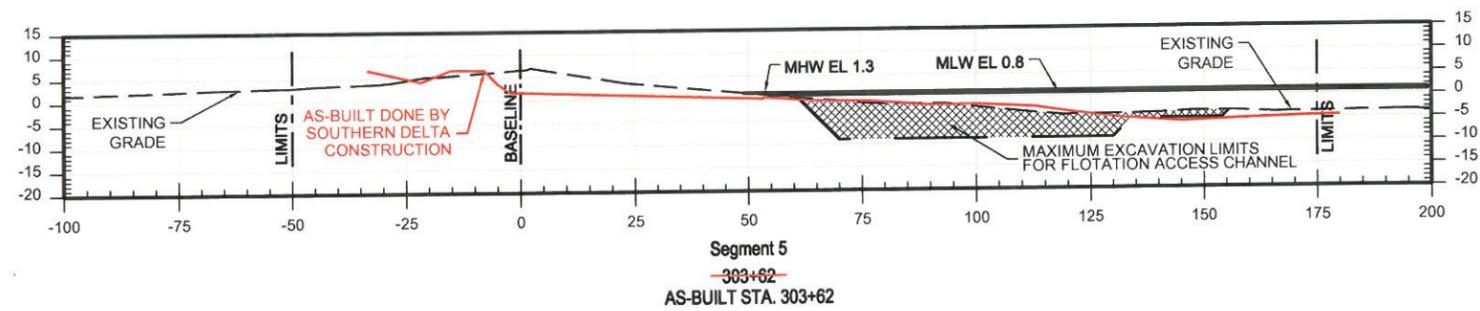
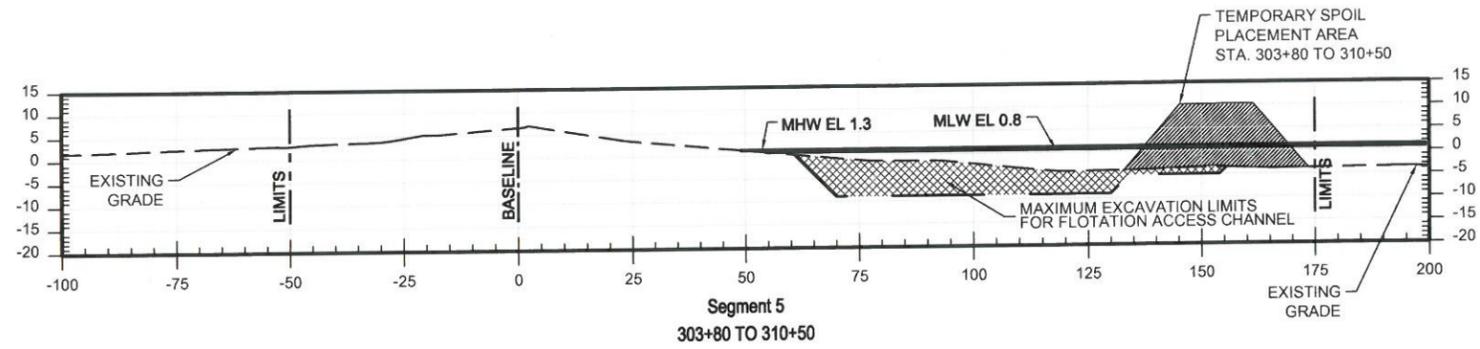
CROSS SECTIONS
 JUG LAKE SEGMENT NO. 5

DATE: APRIL 16, 2012

SHEET 45 OF 50

This record drawing has been prepared, based upon information and changes noted during construction from a variety of sources including that information furnished by contractor and subcontractor. While this information is believed to be reliable, Providence/GSE assumes no responsibility for any inaccuracies, errors or omissions which may have been incorporated into it as a result of incorrect information provided to us. Those relying on this record document are advised to obtain independent verification of the actual conditions that exist.

AS-BUILT DRAWING



REV.	DATE	DESCRIPTION	BY

MALCOLM PIRNIE | **ARCADIS**
The Water Division of ARCADIS
 3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

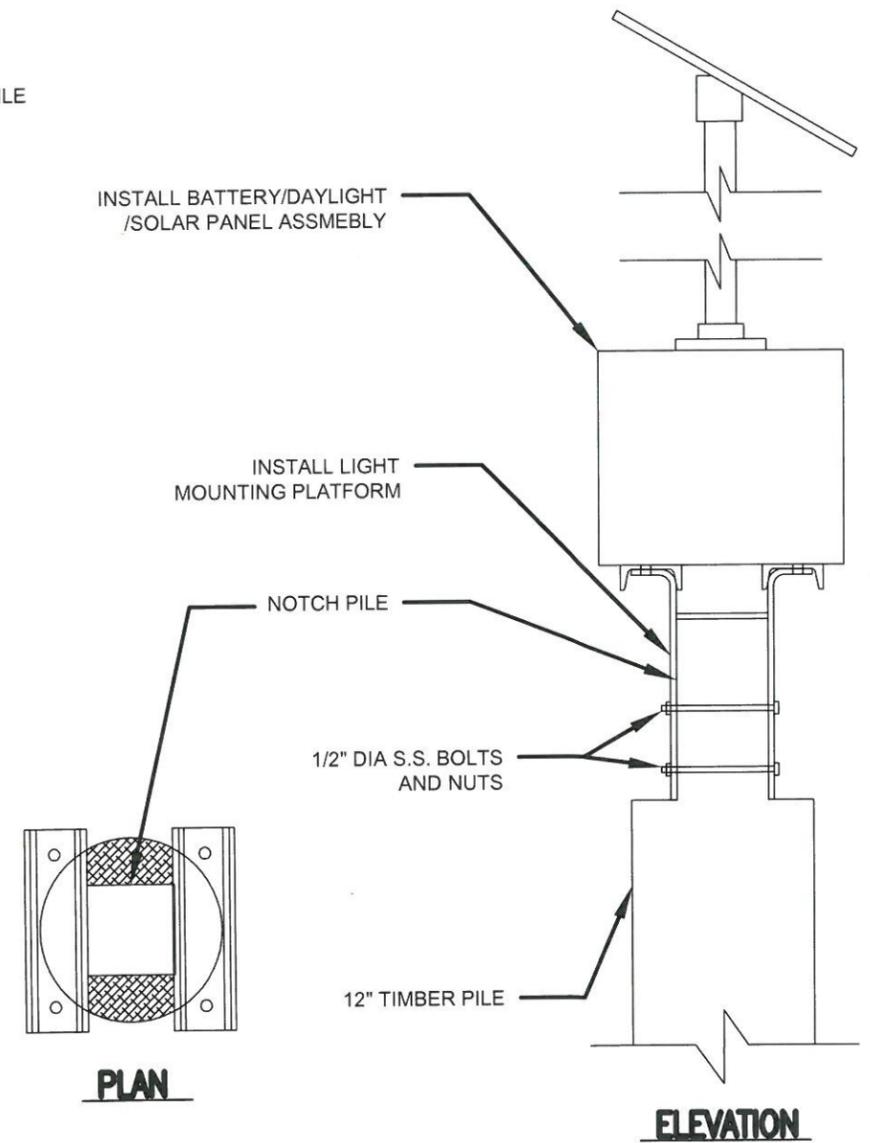
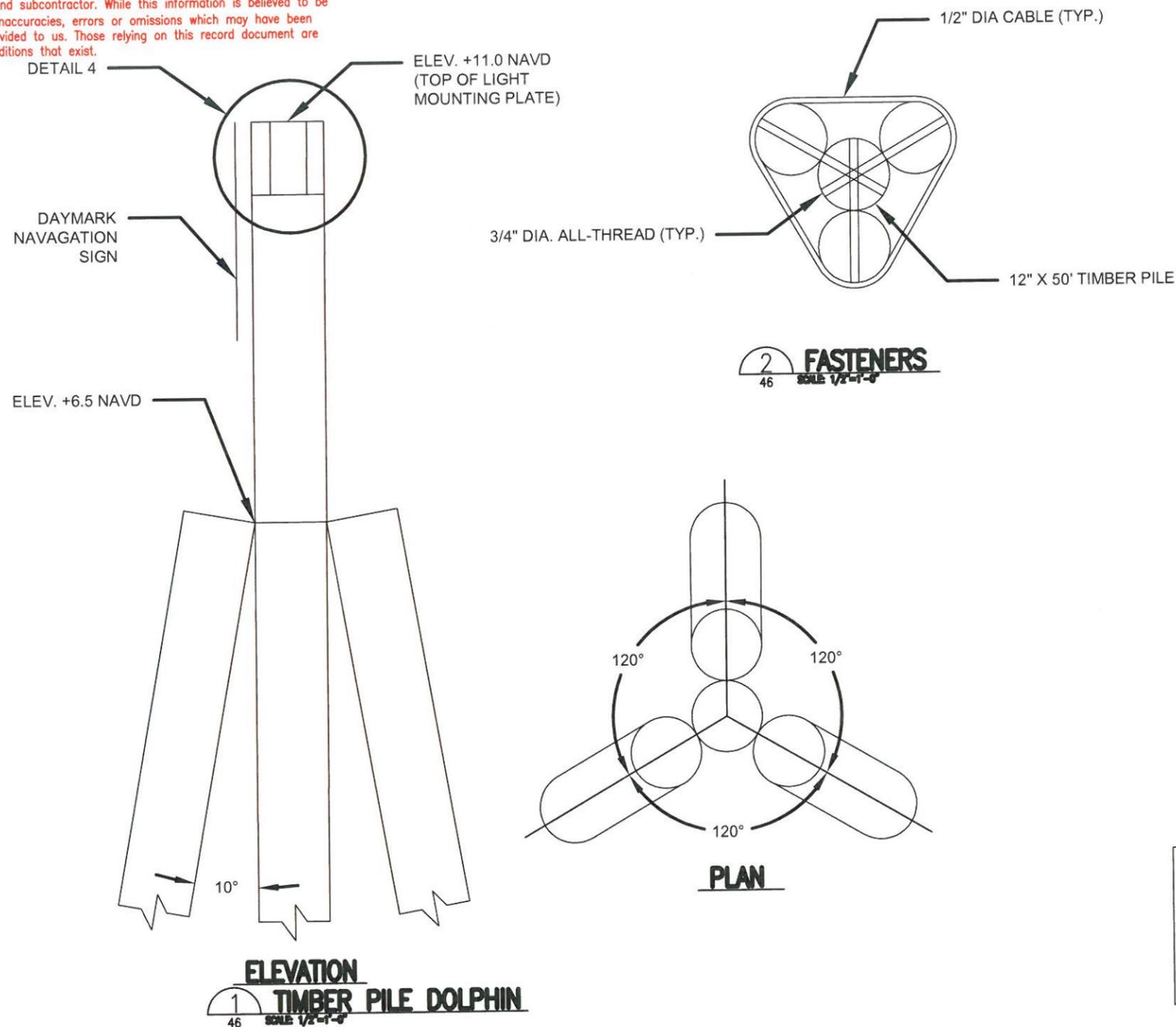
DRAWN BY: MQJ | DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

CROSS SECTIONS
 JUG LAKE SEGMENT NO. 5
 DATE: APRIL 16, 2012
 SHEET 46 OF 50

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AS-BUILT DRAWING



NOTES:

1. ALL 3/4" DIAMETER ALL-THREAD TIE RODS (ASTM A-615, GRADE 60 GALVANIZED) SHALL BE SECURED BY NOTCHED IN PLACE OGEE WASHERS AND TACK WELDED NUTS.
2. 8 WRAPS OF 1/2" DIAMETER STAINLESS STEEL CABLE BETWEEN 3 3/4" DIAMETER ALL-THREAD TIE RODS.
3. THE 1/2" DIAMETER CABLE SHALL BE SECURED USING 3 STAINLESS STEEL CLAMPS.
4. THE 3/4" DIAMETER ALL-THREAD TIE RODS SHALL BE A MIN. OF 6" BELOW TOP OF BATTER PILES AND 3" VERTICAL CLEARANCE FROM ADJACENT TIE ROD.
5. TIMBER PILE FOR FOUR PILE NAVIGATION AID DOLPHIN SHALL BE 12" X 50'.
6. SIGN SHALL BE REINSTALLED ON NEW TIMBER PILE DOLPHIN WITH 3-5/8" X 8" STAINLESS STEEL LAG SCREWS WITH 1 3/8" O.D. S.S. WASHER.
7. DOLPHIN REPAIR WORK SHOULD BE INCLUDED AS PART OF BASE BID, ITEM NO. 2, DOLPHIN REPAIR.

REV.	DATE	DESCRIPTION	BY

MALCOLM PIRNIE | **ARCADIS**
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 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ | DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28

APPROVED BY: DE

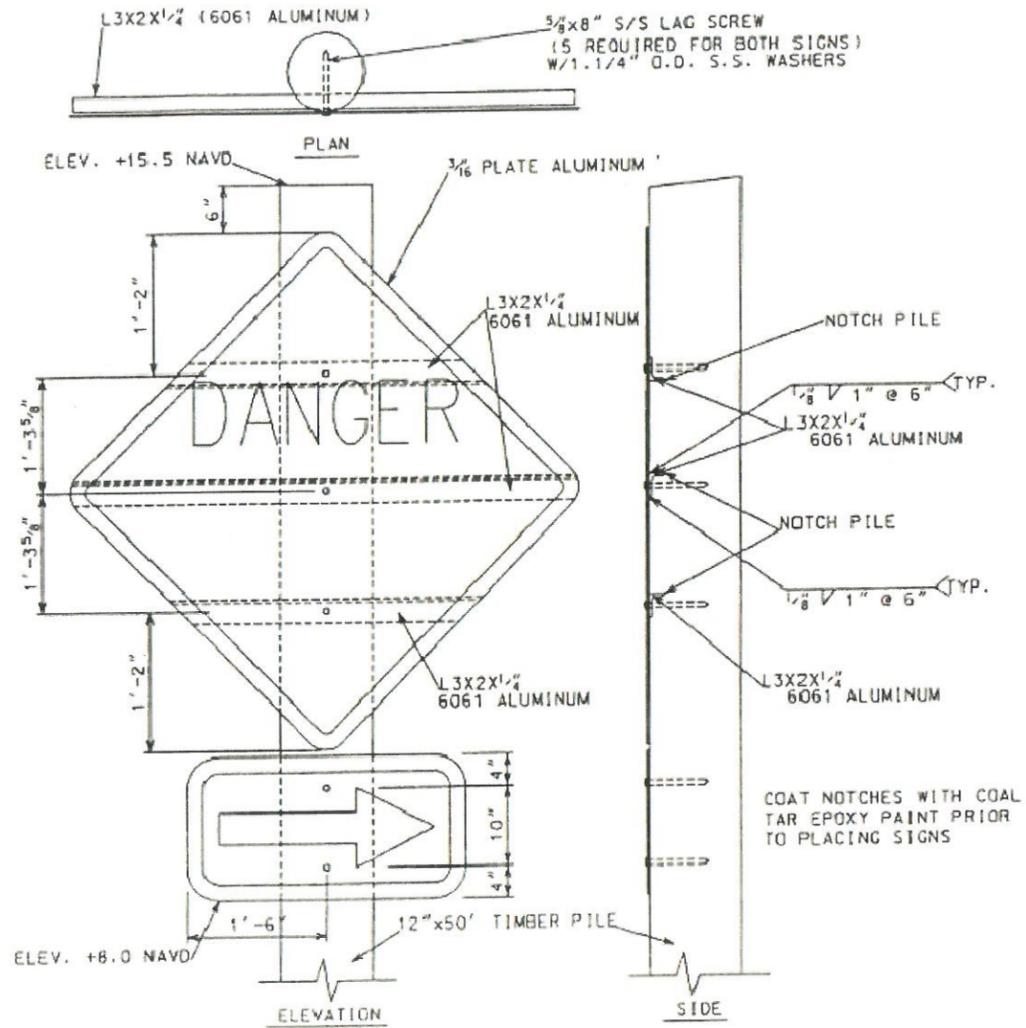
DETAILS

DATE: APRIL 16, 2012
 SHEET 47 OF 50

4 MOUNTING DETAILS-DAYLIGHT ASSEMBLY
 SCALE 1"=1'-0" (CERTAIN MATERIALS AND EQUIPMENT TO BE FURNISHED)

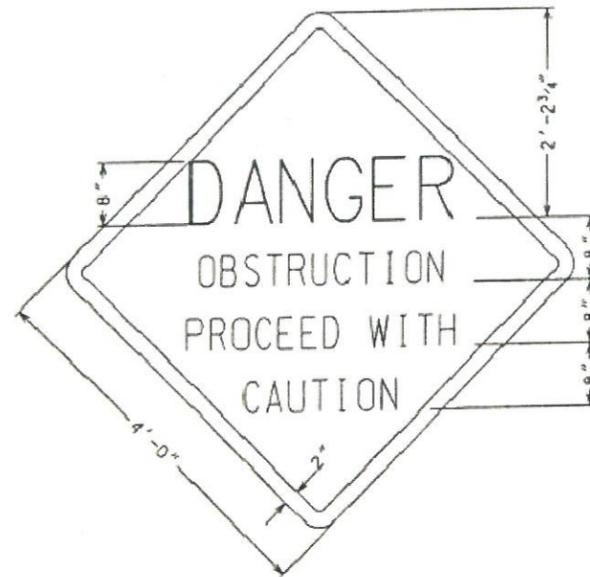
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AS-BUILT DRAWING

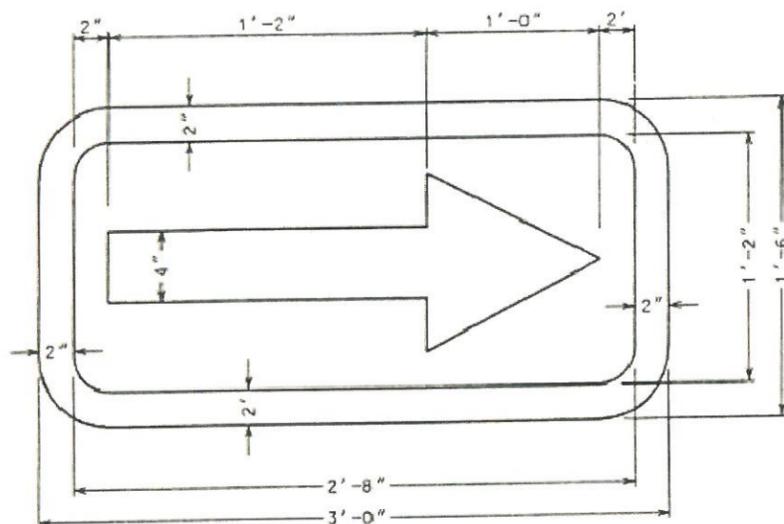


1 SIGN TYPE A - DETAILS
47

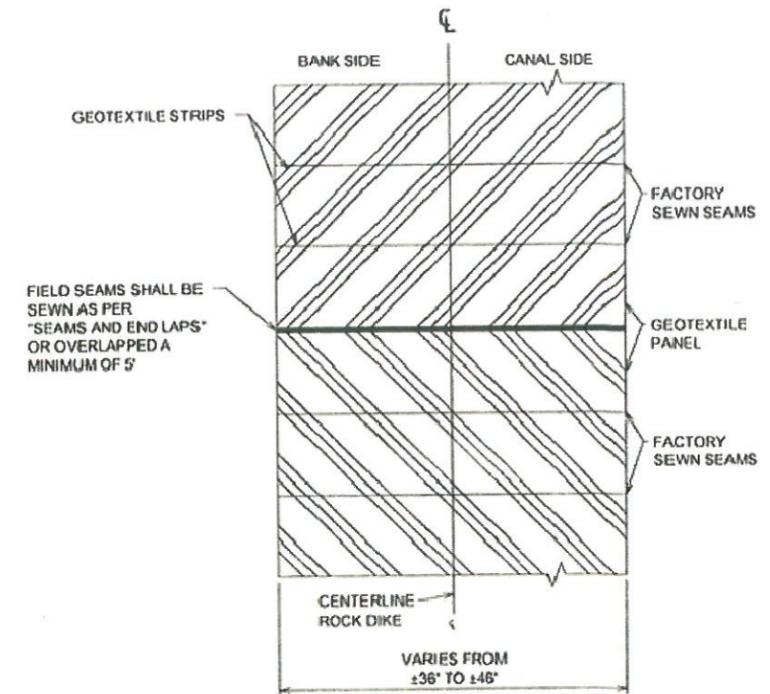
- NOTES:**
- SIGNS SHALL BE CONSTRUCTED USING 3/16" PLATE 6061 ALUMINUM.
 - THE 2" BORDER SHALL BE A RETRO-REFLECTIVE MATERIAL OF ORANGE COLOR
 - THE LETTERING AND ARROW FIELD SHALL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR
 - THE LETTERING AND ARROWS FOR THE SIGNS SHALL BE BLACK.



2 WARNING SIGN DETAILS
47



3 DIRECTIONAL SIGN DETAILS
47



4 WOVEN GEOTEXTILE LAYOUT
47

NOTES:

- THE WOVEN GEOTEXTILE FABRIC SHALL OVERLAP ROCK DIKE EDGE BY A MINIMUM OF 3' ON EACH SIDE. ANY SEAM PARALLEL TO ROCK DIKE CENTERLINE SHALL BE SEWN. THE MINIMUM OVERLAP AT THE ROLL/GEOTEXTILE PANEL ENDS, PERPENDICULAR TO ROCK DIKE CENTERLINE, SHALL BE FIVE (5) FEET UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- THE GEOTEXTILE WIDTH SHOWN INCLUDES A 3' EXTENSION ON EACH SIDE OF THE ROCK DIKE. SEE "WOVEN GEOTEXTILE FABRIC" FOR ADDITIONAL REQUIREMENTS.

REV.	DATE	DESCRIPTION	BY

MALCOLM PIRNIE | **ARCADIS**
The Water Division of ARCADIS
3850 N. CAUSEWAY BLVD, SUITE 1600
METAIRIE, LOUISIANA 70002
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OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT
STATE PROJECT NUMBER: TE-28
FEDERAL PROJECT NUMBER: TE-28
APPROVED BY: DE

DETAILS
DATE: APRIL 16, 2012
SHEET 48 OF 50

DRAWN BY: MQJ | DESIGNED BY: DLF

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AS-BUILT DRAWING

SOUTHERN DELTA CONSTRUCTION BRADY CANAL HYDROLOGIC RESTORATION LEVEE QUANTITY STA. 105+86 - 303+62		
STATION No.	SQ. FT.	C. Y.
105+86	115.30	
107+98	117.10	912.39
110+59	1.30	572.27
112+11	94.20	268.81
112+98	18.40	181.41
137+63	93.30	
139+99	173.60	1166.45
141+76	161.20	1097.40
143+37	175.10	1002.67
145+11	98.90	882.89
147+57	119.60	995.39
151+13	127.90	1631.67
154+26	154.80	1638.61
156+33	176.90	1271.52
159+43	180.10	2049.44
164+38	181.70	3316.50
168+27	201.40	2759.74
170+80	217.70	1963.56
172+10	97.60	759.06
173+00	202.30	499.83
184+00	160.00	

184+70	146.40	397.19
184+79	149.10	49.25
185+00	139.20	112.12
186+85	204.10	1176.12
188+78	189.40	1406.40
190+08	203.70	946.35
192+13	166.70	1406.15
194+92	165.50	1716.37
195+88	187.30	627.20
196+28	157.80	255.63
196+32	163.90	23.83
196+70	23.70	127.72
196+93	23.70	20.19
197+35	187.50	164.27
197+39	175.30	26.87
197+85	161.50	286.90
198+95	133.00	599.91
200+00	164.90	579.25
205+43	143.80	3104.15
208+91	144.90	1860.51
211+47	119.20	1252.03
214+67	111.90	1369.48
218+50	491.10	4276.83
237+86	120.00	
240+35	242.70	1672.45
240+40	244.30	45.09
240+85	324.00	473.58
241+27	61.50	299.83

241+38	42.80	21.25
241+77	301.90	248.95
241+86	237.40	89.88
242+30	154.10	319.00
243+16	172.30	519.82
245+99	164.70	1766.13
247+20	83.60	556.38
248+63	236.20	846.88
250+36	220.60	1463.45
251+33	164.20	691.21
252+42	143.60	621.30
254+14	239.80	1221.20
254+72	131.50	398.80
254+73	134.00	4.92
255+18	260.60	328.83
255+23	271.90	49.31
255+65	165.10	339.89
256+02	61.90	155.54
256+41	275.80	243.89
256+44	286.80	31.26
256+94	186.60	438.33
257+64	128.10	407.94
258+84	111.30	532.00
259+92	93.30	409.20
261+24	133.70	554.89
262+86	126.40	780.30
264+00	150.10	583.72
264+16	177.40	90.01
264+50	196.30	235.29

265+77	135.10	779.40
267+16	161.60	763.73
268+42	167.20	767.20
270+23	201.90	1237.17
275+00	296.60	4403.42
275+41	147.00	336.81
277+06	214.60	1104.89
279+82	197.60	2106.80
282+85	160.80	2011.02
284+53	175.50	1046.27
286+86	218.10	1698.31
288+59	233.20	1445.83
290+39	182.20	1384.67
292+70	243.40	1820.62
295+22	201.80	2077.60
297+19	198.50	1460.35
300+29	168.60	2107.43
303+50	24.30	1146.68
303+62	0.00	5.40
307+11	0.00	0.00
308+13	0.00	0.00
310+02	0.00	0.00
TOTALS	15,994.50	88,898.45

REV.	DATE	DESCRIPTION	BY




The Water Division of ARCADIS

 3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
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OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ

DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28

FEDERAL PROJECT NUMBER: TE-28

APPROVED BY: DE

CROSS SECTIONS
JUG LAKE SEGMENT NO. 5

DATE: APRIL 16, 2012

SHEET 49 OF 50

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AS-BUILT DRAWING

SOUTHERN DELTA CONSTRUCTION BRADY CANAL HYDROLOGIC RESTORATION BORROW QUANTITY STA. 105+86 - 303+62		
STATION No.	SQ. FT.	C. Y.
105+86	25.90	
107+98	147.80	681.93
110+59	148.10	1430.18
112+11	151.60	843.60
112+98	129.40	452.72
137+63	139.20	
139+99	258.50	1738.10
141+76	226.90	1591.03
143+37	232.30	1369.10
145+11	170.90	1299.20
147+57	260.10	1963.44
151+13	183.60	2925.13
154+26	196.80	2204.91
156+33	167.80	1397.63
159+43	200.70	2115.46
164+38	278.20	4389.92
168+27	187.90	3357.65
170+80	112.90	1409.30
172+10	150.30	633.63
173+00	109.00	432.17
184+00	82.30	

184+70	173.80	331.98
184+79	425.30	99.85
185+00	418.50	328.14
186+85	214.60	2168.95
188+78	255.00	1678.39
190+08	197.90	1090.31
192+13	152.20	1329.08
194+92	167.80	2170.00
195+88	177.70	792.00
196+38	273.40	417.69
196+80	209.30	375.43
197+03	120.80	140.60
197+45	79.30	155.63
197+95	145.10	207.78
198+95	194.40	628.70
200+00	195.00	757.17
205+43	252.20	4496.84
208+91	142.00	2540.40
211+47	171.70	1487.17
214+67	348.90	3085.04
218+50	171.70	3692.40
237+86	269.00	
240+35	0.00	1240.39
240+75	0.00	0.00
241+17	0.00	0.00
241+38	141.40	54.99
241+73	245.90	251.03
241+86	364.50	146.95

242+23	195.20	383.50
242+30	118.00	62.55
243+16	193.50	496.09
245+99	201.70	2071.14
247+20	208.20	918.48
248+63	214.90	1120.43
250+36	206.90	1351.32
251+33	158.90	657.09
252+42	189.70	703.66
254+14	179.40	1175.65
254+59	200.80	316.83
254+72	204.00	92.30
255+09	204.60	279.97
255+51	61.30	206.81
255+99	0.00	54.49
256+41	0.00	0.00
256+90	0.00	0.000
256+94	0.00	.00
257+64	215.60	279.48
258+84	199.90	923.33
259+92	269.00	937.80
261+24	229.70	1219.04
262+86	197.80	1282.50
264+00	235.10	913.90
264+16	262.20	136.30
264+50	307.90	358.95
265+77	247.20	1305.51
267+16	226.40	1219.08
268+42	260.20	1135.40

270+23	221.70	1615.26
275+00	239.50	4073.93
275+41	188.30	324.81
277+06	290.20	1462.08
279+82	217.00	2592.36
282+85	260.30	2678.18
284+53	283.20	1690.89
286+86	290.30	2474.55
288+59	249.60	1729.68
290+39	336.20	1952.67
292+70	180.60	2210.76
295+22	320.30	2337.53
297+19	300.40	2264.41
300+29	361.50	3799.80
303+50	84.80	2653.01
303+62	3.00	19.51
TOTALS	18,082.60	113,383.04

REV.	DATE	DESCRIPTION	BY

MALCOLM PIRNIE | **ARCADIS**
The Water Division of ARCADIS
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 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ

DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28

FEDERAL PROJECT NUMBER: TE-28

APPROVED BY: DE

CROSS SECTIONS
 JUG LAKE SEGMENT NO. 5

DATE: APRIL 16, 2012

SHEET 50 OF 50

ATTACHMENT “F”

Construction Contract

BOBBY JINDAL
GOVERNOR



PAUL W. RAINWATER
COMMISSIONER OF ADMINISTRATION

State of Louisiana
Division of Administration
Office of State Purchasing

October 4, 2012

Mr. Michael Mayeux, President
Southern Delta Construction, LLC
P O Box 1101
Vicksburg MS 39181

Dear Mr. Mayeux:

RE: Brady Canal Hydrologic Restoration Project (TE-28) Terrebonne Parish
File Number T 28354 DL, Purchase Order Number 3854789

We are enclosing the original and two (2) copies of the contract and bond as referenced above.

The original contract and bond are to be recorded with the Clerk of Court in the parish in which the work is to be done and a Certificate of Recordation is to be forwarded to the Division of Administration, State Purchasing, Post Office Box 94095, Capitol Station, Baton Rouge, Louisiana 70804-9095. **No invoices will be processed by the contracting agency until this certificate is received.** The second copy is for your bonding company and the third copy is for your files and records.

Also enclosed, please find the formal purchase order and the "Notice to Proceed".

If there are any questions, in regards to this project, please contact Hilary Stephenson at 225-342-8022.

Sincerely,

Sandra G. Gillen

Sandra G. Gillen, CPPB
Director of State Purchasing

SGG:FMS:PEP:HS:jj *HS*

Enclosures

c: Mr. Jerome Zeringue
Office of Coastal Protection & Restoration

BOBBY JINDAL
GOVERNOR



PAUL W. RAINWATER
COMMISSIONER OF ADMINISTRATION

State of Louisiana
Division of Administration
Office of State Purchasing

October 4, 2012

NOTICE TO PROCEED

Mr. Michael Mayeux, President
Southern Delta Construction, LLC
P O Box 1101
Vicksburg MS 39181

Dear Mr. Mayeux:

RE: Brady Canal Hydrologic Restoration Project (TE-28) Terrebonne Parish
File Number: T 28354 DL, Purchase Order Number: 3854789
Amount of Contract: \$1,351,000.00

You are hereby notified to commence work on the referenced contract on or before **October 18, 2012**, and are to fully complete the work within **one hundred fifty-six (156)** consecutive calendar days thereafter. Your contract completion date is therefore **March 23, 2013**.

The contract provides for assessment of the sum of **\$1,350.00** per day as liquidated damages for each consecutive calendar day after the above established contract completion date that the work remains incomplete.

If there are any questions, in regards to this project, please contact Hilary Stephenson at 225-342-8022.

Sincerely,

Sandra G. Gillen

Sandra G. Gillen, CPPB
Director of State Purchasing

DML:FMS:PEP:HS:jj ^{HS}

c: Mr. Jerome Zerigue
Office of Coastal Protection and Restoration

REMINDER

NO INVOICE SHOULD BE PAID
UNTIL YOUR AGENCY RECEIVES
FROM THE OFFICE OF STATE
PURCHASING THIS FORM:

"NOTICE BY OWNER OF ACCEPTANCE OF WORK"

When the above form is received, your
agency can pay up to 95% and retain 5%
until your agency receives from the vendor a

"CLEAR LIEN CERTIFICATE"

If you have any questions, call
Hilary Stephenson, (225) 342-8022

RECEIVED
NATURAL RESOURCES
PURCHASES



STATE OF LOUISIANA
OFFICE OF STATE PURCHASING
STATE PURCHASE ORDER (FRM REQ)

COPY

2012 OCT -5 AM 8:27

DATE PRINTED 10/04/12	ORDER NUMBER 3854789
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VENDOR NAME, STREET, CITY, STATE, ZIP CODE SOUTHERN DELTA CONSTRUCTION LLC PO BOX 309 BOURG, LA 70343		ALL TERMS AND CONDITIONS IN THE SOLICITATION ARE PART OF THIS, ORDER AS IF FULLY REPRODUCED HEREIN.	
BILL TO: OFFICE OF COASTAL PROTECTION AND RE CPRA-ACCOUNTING POBOX 44027 DIANE RENEE MCKEE BATON ROUGE, LA 70804-4027		FILE NUMBER : T28354DL PURCHASING AGENCY NO. : 107001	FY: 13
		ADDRESS ALL INQUIRIES AND CORRESPONDENCE TO: HILARY STEPHENSON (225) 342-8022	
		SHIP FOB DESTINATION TO: (UNLESS SPECIFIED ELSEWHERE) OFFICE OF COASTAL PROTECTION AND RE CPRA-CONSTRUCTION PROJECT MANAGER PROJECT SITE, LA 00000	
		CONTACT FOR DELIVERY INSTRUCTIONS (NAME TELEPHONE) ADAM LEDET/ BRIAN BABIN/RENEE (985) 449-5105-0000	

VENDOR NO. 261592036-00	AWARD CODE 1	SOLIC CODE I	BUYER CODE D	COMPL CODE F	ISIS REQ NUMBER 1345496	AGENCY REQ NUMBER CED130002	SOLICIT NUMBER 2249211	CONTRACT NUMBER	REQ AGENCY: 109002 OFFICE OF COASTAL PROTECTION AND RE COASTAL PROTECTION AND RESTORATION
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PROMPT PAYMENT TERMS NONE	DELIVERY TERMS/FOB POINT AS SPECIFIED DESTINATION	VENDOR REFERENCE NUMBER	TOTAL AMOUNT OF ORDER \$ 1351000.00
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LINE NO.	COMMODITY/SERVICE DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
00001	COMMODITY CODE: 962-73-000000 DELIVERY TERMS: SEE HEADER PAGE FURNISH ALL MATERIAL, LABOR, SUPPLIES, TOOLS AND EQUIPMENT NECESSARY FOR BRADY CANAL HYDROLOGIC RESTORATION PROJECT (TE-28) 2012 MAINTENANCE PROJECT SCOPE: PROVIDE ALL LABOR, MATERIALS, & EQUIPMENT NECESSARY FOR THE DREDGE AND PLACEMENT OF FILL MATERIAL FOR THE REFUR-BISHMENT OF JUG LAKE, PLACEMENT OF GEOTEXTILE FABRIC AND RIP RAP STONE ADJACENT TO STRUCTURE NO. 23 AND TIMBER DOLPHIN AND PERMANENT SIGN REPLACEMENT. ALTERNATE NO. 1: LABOR, MATERIALS AND EQUIPMENT FOR THE PLACEMENT OF GEOTEXTILE FABRIC & RIP RAP STONE ADJACENT TO STRUCTURE NO. 21. ALTERNATE NO. 2: LABOR, MATERIALS AND EQUIPMENT FOR THE PLACEMENT OF GEOTEXTILE FABRIC AND RIP RAP STONE ADJACENT TO STRUCTURE NO. 24 AS PER BID DOCUMENT SPECIFICATIONS.	1.000	JOB	\$1351000.00	\$ 1351000.00

APPROVED: *Hilary Stephenson*
 SANDRA G. BILLYE
 DIRECTOR OF STATE PURCHASING

PRICE SHEET

STATE PURCHASE ORDER (FRM REQ)

NUMBER : 3854789
VENDOR NUMBER : 261592036-00

VENDOR: SOUTHERN DELTA
CONSTRUCTION LLC

PAGE
2

COMMODITY/SERVICE DESCRIPTION

QUANTITY

UNIT

UNIT PRICE

EXTENDED
AMOUNT

LOCATION: THE PROJECT IS LOCATED IN
TERREBONNE PARISH WITH THE LAKE
PENCHANT WATERSHED AND IS BOUNDED BY
BAYOU PENCHANT, BRADY CANAL, AND
LITTLE CARENCRO BAYOU TO THE NORTH,
BAYOU DECADE AND TURTLE BAYOU TO THE
SOUTH, SUPERIOR CANAL TO THE EAST, AND
LITTLE CARENCRO BAYOU AND VOSS CANAL
TO THE WEST.

FOR PAYMENT - MAIL INVOICE TO:
OFFICE OF COASTAL PROTECTION & RESTORATI
ATTN: ADAM LEDET
THIBODAUX FIELD OFFICE
1440 TIGER DRIVE, SUITE B
THIBODAUX, LA. 70301

STANDARD TERMS & CONDITIONS

STATE PURCHASE ORDER (FRM REQ)

NUMBER : 3854789
VENDOR NUMBER: 261592036-00VENDOR: SOUTHERN DELTA
CONSTRUCTION LLCPAGE
3

THE FOLLOWING CONDITIONS, UNLESS OTHERWISE STATED IN THE BID DOCUMENT, WILL APPLY TO ALL ORDERS:

PAYMENT TO VENDORS - PAYMENT FOR GOODS AND/OR SERVICES PURCHASED BY THE STATE WILL ONLY BE MADE IN ACCORDANCE WITH THE FOLLOWING CONDITIONS:

1. INVOICES MUST REFERENCE THE STATE'S PURCHASE ORDER NUMBER AND REFLECT THE QUANTITY BILLED BY PURCHASE ORDER LINE NUMBER.
2. BILLS OF LADING, PACKING SLIPS, AND/OR OTHER RELATED SHIPPING PAPERS MUST REFERENCE THE STATE'S PURCHASE ORDER NUMBER AND REFLECT THE QUANTITY SHIPPED BY PURCHASE ORDER LINE NUMBER.

THE STATE IS NOT RESPONSIBLE FOR GOODS DELIVERED OR WORK DONE WITHOUT A WRITTEN ORDER. NO ALLOWANCE FOR BOXING OR CRATING. UNAUTHORIZED QUANTITIES IN EXCESS OF THIS ORDER WILL BE RETURNED OR HELD SUBJECT TO SHIPPER'S ORDER, EXPENSE AND RISK.

CONTRACTOR WARRANTS THAT THE MERCHANDISE TO BE FURNISHED HEREUNDER WILL BE IN FULL CONFORMITY WITH THE SPECIFICATION, DRAWING OR SAMPLE AND AGREES THAT THIS WARRANTY SHALL SURVIVE ACCEPTANCE OF THE MERCHANDISE AND THAT CONTRACTOR WILL BEAR THE COST OF INSPECTING REJECTED MERCHANDISE.

ALL REJECTED GOODS WILL BE HELD AT CONTRACTOR'S RISK AND EXPENSE, SUBJECT TO CONTRACTOR'S PROMPT ADVICE AS TO DISPOSITION. UNLESS OTHERWISE ARRANGED, ALL REJECTED GOODS WILL BE RETURNED AT CONTRACTOR'S EXPENSE.

CONTRACTOR WILL, AT ITS EXPENSE, DEFEND THE STATE AGAINST ANY CLAIM THAT ANY MERCHANDISE TO BE FURNISHED HEREUNDER INFRINGES A PATENT OR COPYRIGHT IN THE UNITED STATES OR PUERTO RICO, AND WILL PAY ALL COST DAMAGES AND ATTORNEY'S FEES THAT A COURT FINALLY AWARDS AS A RESULT OF SUCH CLAIM.

COMPLIANCE WITH CIVIL RIGHTS LAWS.

THE CONTRACTOR AGREES TO ABIDE BY THE REQUIREMENTS OF THE FOLLOWING AS APPLICABLE: TITLE VI AND VII OF THE CIVIL RIGHTS ACT OF 1964, AS AMENDED BY THE EQUAL OPPORTUNITY ACT OF 1972, FEDERAL EXECUTIVE ORDER 11246, THE FEDERAL REHABILITATION ACT OF 1973, AS AMENDED, THE VIETNAM ERA VETERAN'S READJUSTMENT ASSISTANCE ACT OF 1974, TITLE IX OF THE EDUCATION AMENDMENTS OF 1972, THE AGE ACT OF 1975, AND CONTRACTOR AGREES TO ABIDE BY THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT OF 1990. CONTRACTOR AGREES NOT TO DISCRIMINATE IN ITS EMPLOYMENT PRACTICES, AND WILL RENDER SERVICES UNDER THIS AGREEMENT AND ANY CONTRACT ENTERED INTO AS A RESULT OF THIS AGREEMENT, WITHOUT REGARD TO RACE, COLOR, RELIGION, SEX, NATIONAL ORIGIN, VETERAN STATUS, POLITICAL AFFILIATION, OR DISABILITIES. ANY ACT OF DISCRIMINATION COMMITTED BY CONTRACTOR, OR FAILURE TO COMPLY WITH THESE STATUTORY OBLIGATIONS WHEN APPLICABLE, SHALL BE GROUNDS FOR TERMINATION OF THIS AGREEMENT AND ANY CONTRACT ENTERED INTO AS A RESULT OF THIS AGREEMENT.

STATE OF LOUISIANA
PARISH OF TERREBONNE

FILE NUMBER: T 28354 DL

P.O. NUMBER: 3854789

BOND NUMBER: 8925000

CONTRACT BETWEEN OWNER AND CONTRACTOR
AND PERFORMANCE AND PAYMENT BOND

This agreement entered into this 4th day of October, 2012, by Southern Delta Construction, LLC, represented by Mr. Michael Mayeux, Vice President, hereinafter called the "Contractor", whose business address is P O Box 1101, Vicksburg, Mississippi 39181, and the State of Louisiana, Office of Coastal Protection and Restoration, 617 North Third Street, 12th Floor, Room 1263, Baton Rouge, Louisiana 70802, herein represented by the contracting officer, executing this contract, Mr. Jerome Zeringue, Executive Director-109, hereinafter called the "Owner".

Witnesseth that the Contractor and the Owner, in consideration of premises and the mutual covenants; consideration and agreement herein contained, agree as follows:

Statement of Work: The contractor shall furnish all labor and materials and perform all of the work required to build, construct and complete in a thorough and workmanlike manner: For Brady Canal Hydrologic Restoration 2012 Maintenance Project (TE - 28) for the Office of Coastal Protection and Restoration in Terrebonne Parish, Louisiana in strict accordance with Contract Documents prepared by the agency.

It is recognized by the parties herein that said Contract Documents including by way of example and not of limitation, the Drawings and Specifications dated July 24, 2012, Addenda No. 1 dated July 11, 2012 and Addendum No. 2 dated July 17, 2012, the Instruction to Bidders, Bid Form, General Conditions, Supplementary Conditions, any Addenda thereto, impose duties and obligations upon the parties herein, and said parties thereby agree that they shall be bound by said duties and obligations. For these purposes, all of the provisions contained in the aforementioned Construction Documents are incorporated herein by reference with the same force and effect as though said Construction Documents were herein set out in full.

Time for Completion: The work shall be commenced on a date to be specified in a written order of the Owner and shall be completed within one fifty-six (156) consecutive calendar days from and after the said date.

Liquidated Damages: Contractor shall be assessed Liquidated Damages in the amount of \$1,350.00 per day for each consecutive calendar day which work is not complete beginning with the first day beyond the completion time.

Compensation to be paid to the Contractor: The Owner will pay and the Contractor will accept in full consideration for the performance of the contract the sum of Base Bid: Nine Hundred Eighty-Seven Thousand, Five Hundred and No/1.00 (987,500.00), Alternate #1: One Hundred Eighty-One Thousand, Seven hundred Fifty and No/1.00 (181,750.00) and Alternate #2: One Hundred, Eighty-One Thousand, Seven Hundred Fifty and No/1.00 (181,750.00) and the Grand Total of: One Million, Three Hundred Fifty-One Thousand and No/1.00 Dollars (\$1,351,000.00), which sum represents the Base Bid, Alternate #1 and Alternate #2.

Performance and Payment Bond: To these presents personally came and intervened Loren Richard Howell, Jr.
_____,
herein acting for Fidelity and Deposit Company of Maryland, a corporation organized and existing under the laws of the State of Maryland, and duly authorized to transact business in the State of Louisiana, as surety, who declared that having taken cognizance of this contract and of the Construction Documents mentioned herein, he hereby in his capacity as its Attorney in Fact obligates his said company, as Surety for the said Contractor, unto the said Owner, up to the sum of Base Bid: Nine Hundred Eighty- Seven Thousand, Five Hundred and No/1.00 (987,500.00), Alternate #1: One Hundred Eighty-One Thousand, Seven hundred Fifty and No/1.00 (181,750.00) and Alternate #2: One Hundred, Eighty-One Thousand, Seven Hundred Fifty and No/1.00 (181,750.00) and the Grand Total of: One Million, Three Hundred Fifty-One Thousand and No/1.00 Dollars (\$1,351,000.00), which sum represents the Base Bid, Alternate #1 and Alternate #2.

The condition of this performance and payment bond shall be that should the Contractor herein not perform the contract in accordance with the terms and conditions hereof, or should said

contractor not fully indemnify and save harmless the Owner, from all cost and damages which he may suffer by said Contractor's non-performance or should said Contractor not pay all persons who have and fulfill obligations to perform labor and/or furnish materials in the prosecution of the work provided for herein, including by way of example workmen, laborers, mechanics, and furnishers of materials, machinery, equipment and fixtures, then said Surety agrees and is bound to so perform the contract and make said payment(s).

Provided, that any alterations which may be made in the terms, of the contract or in the work to be done under it, or the giving by the Owner of any extensions of time for the performance of the contract, or any other forbearance on the part of either the Owner or the Contractor to the other shall not in any way release the Contractor or the Surety from their extensions or other forbearance being hereby waived.

In Witness whereof, the parties hereto on the day and year first above written have executed this agreement in eight (8) counterparts, each of which shall, without proof or accountancy for the other counterparts, be deemed an original thereof.

WITNESSES:

Patricia Paul
Cynthia D'Amico

Susan Hildes
Kathleen Barber

Darlene Landrey
Kathleen Scarborough
Tracy Summers
Delbra Denaway

Contract Approved:

This 4th day of October, 2012

DIVISION OF ADMINISTRATION

BY: Sandra G. Gillen
SANDRA G. GILLEN
DIRECTOR OF STATE PURCHASING

OFFICE OF COASTAL PROTECTION
AND RESTORATION
OWNER

BY: [Signature]
JEROME ZERIGUE
EXECUTIVE DIRECTOR-109

SOUTHERN DELTA CONSTRUCTION, LLC
CONTRACTOR

BY: [Signature]
MICHAEL MAYEUX
VICE PRESIDENT

FIDELITY AND DEPOSIT COMPANY OF MARYLAND
SURETY

BY: [Signature]

LOREN RICHARD HOWELL, JR.
ATTORNEY IN FACT
1400 AMERICAN LANE, TOWER I, 18TH FLOOR

SCHAUMBURG, IL 60196-1056
ADDRESS
(847) 605-6000
TELEPHONE NUMBER

Louisiana CounterSigning Agent:
[Signature]
Charles E. Reagin, III - License #232446
Wright & Percy Insurance
P. O. Box 3809, Baton Rouge, LA 70809

**Power of Attorney
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**

KNOW ALL MEN BY THESE PRESENTS: That the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, a corporation of the State of Maryland, by THEODORE G. MARTINEZ, Vice President, and GERALD F. HALEY, Assistant Secretary, in pursuance of authority granted by Article VI, Section 2, of the By-Laws of said Company, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, does hereby nominate, constitute and appoint **Jim E. BRASHIER, Troy WAGENER, Loren Richard HOWELL, JR, Norma J. MCMAHON, Andy RICE and Kathleen SCARBOROUGH, all of Biloxi, Mississippi, EACH its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: any and all bonds and undertakings, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Company, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the Company at its office in Baltimore, Md., in their own proper persons. This power of attorney revokes that issued on behalf of Jim E. BRASHIER, Troy WAGENER, Loren Richard HOWELL, JR, Norma J. MCMAHON, Jill EURE, Andy RICE, Kathleen SCARBOROUGH, dated January 28, 2008.**

The said Assistant Secretary does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article VI, Section 2, of the By-Laws of said Company, and is now in force.

IN WITNESS WHEREOF, the said Vice-President and Assistant Secretary have hereunto subscribed their names and affixed the Corporate Seal of the said FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 29th day of July, A.D. 2008.

ATTEST:

FIDELITY AND DEPOSIT COMPANY OF MARYLAND



Gerald F. Haley

Gerald F. Haley Assistant Secretary

Theodore G. Martinez

By: Theodore G. Martinez

State of Maryland }
City of Baltimore } ss:

On this 29th day of July, A.D. 2008, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, came THEODORE G. MARTINEZ, Vice President, and GERALD F. HALEY, Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and they each acknowledged the execution of the same, and being by me duly sworn, severally and each for himself depose and saith, that they are the said officers of the Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and that the said Corporate Seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.



Constance A. Dunn

Constance A. Dunn Notary Public
My Commission Expires: July 14, 2015

EXTRACT FROM BY-LAWS OF FIDELITY AND DEPOSIT COMPANY OF MARYLAND

"Article VI, Section 2. The Chairman of the Board, or the President, or any Executive Vice-President, or any of the Senior Vice-Presidents or Vice-Presidents specially authorized so to do by the Board of Directors or by the Executive Committee, shall have power, by and with the concurrence of the Secretary or any one of the Assistant Secretaries, to appoint Resident Vice-Presidents, Assistant Vice-Presidents and Attorneys-in-Fact as the business of the Company may require, or to authorize any person or persons to execute on behalf of the Company any bonds, undertakings, recognizances, stipulations, policies, contracts, agreements, deeds, and releases and assignments of judgements, decrees, mortgages and instruments in the nature of mortgages, ...and to affix the seal of the Company thereto."

CERTIFICATE

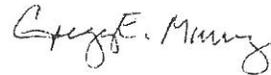
I, the undersigned, Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that the Vice-President who executed the said Power of Attorney was one of the additional Vice-Presidents specially authorized by the Board of Directors to appoint any Attorney-in-Fact as provided in Article VI, Section 2, of the By-Laws of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed."

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the said Company,

this _____ day of _____, _____.



Assistant Secretary



BOBBY JINDAL
GOVERNOR

PAUL W. RAINWATER
COMMISSIONER OF ADMINISTRATION

State of Louisiana
Division of Administration
Office of State Purchasing

FAX COVER SHEET
July 27, 2012

TO: Brian Babin
Judy LeBourgeois

FROM: Hilary Stephenson
State Purchasing Officer

Fax: 985-447-0997 or 242-3369

Phone: (225) 342-8022

Fax: (225) 342-8688

Phone:

E-mail hilary.stephenson@la.gov

Re: Solicitation 2249211 for Brady Canal Hydrological Restoration Project

Pages: including coversheet

Attached please find the bid from Southern Delta Constr.
for the above referenced project.

Sincerely, Hilary

SUBMISSION OF BIDS

BIDDERS ARE HEREBY ADVISED THAT THE U.S. POSTAL SERVICE DOES NOT MAKE DELIVERIES TO THE PHYSICAL LOCATION OF THE OFFICE OF STATE PURCHASING.

Bids may be mailed to: OFFICE OF STATE PURCHASING
P.O. BOX 94095
BATON ROUGE, LA 70804-8095

or delivered by hand or by courier to: OFFICE OF STATE PURCHASING
CLAIBORNE OFFICE BUILDING, 2ND FLOOR, SUITE 2-160
1201 NORTH THIRD STREET
BATON ROUGE, LA 70804

Bidder is solely responsible for ensuring that its courier service provider makes inside deliveries to our physical location. The Office of State Purchasing is not responsible for any delays caused by the bidder's chosen means of bid delivery.

Bidders should be aware of security requirements for the Claiborne Building and allow time to be photographed and presented with a temporary identification badge.

Bidder is solely responsible for the timely delivery of its bid. Failure to meet the bid opening date and time shall result in rejection of the bid.

The bid envelope shall be identified on the outside with the project name, solicitation number and file number, bid opening date and time, and the name, address, and license number of the Bidder. The envelope shall contain only one bid form and will be received until the time specified and at the place specified in the Notice to Bidders.

SIGNATURE AUTHORITY: R. S. 39:1594(C)(4) requires evidence of authority to sign and submit bids to the State of Louisiana. Please indicate which of the following applies to the signer of this proposal.

1. The signer of the proposal is either a corporate officer who is listed on the most current annual report on file with the secretary of state or a member of a partnership or partnership in commendam as reflected in the most current partnership records on file with the secretary of state. A copy of the annual report or partnership record must be submitted to the Office of State Purchasing before contract award.
2. The signer of the proposal is a representative of the proposer authorized to submit this proposal as evidenced by the corporate resolution or certification as to corporate principal. If this applies a copy of the resolution or certification must be attached hereto.
3. The proposer has filed with the secretary of state an affidavit or resolution or other acknowledged/authentic document indicating that the signer is authorized to submit proposals for public contracts. A copy of the applicable document must be submitted to the Office of State Purchasing before contract award.
4. The signer of the proposal has been designated by the proposer as authorized to submit proposals on the proposer's vendor registration on file with the Office of State Purchasing.

ADDENDA

Addenda shall not be issued within a period of seventy-two (72) hours prior to the advertised time for the opening of bids, excluding Saturdays, Sundays, and any other legal holidays, except an Addendum, if necessary, postponing the date of receipt of bids or canceling the request for bids.

Receipt of all Addenda issued should be acknowledged on the Bid Form and copies of the addenda should be returned with the Bid.

It is the Bidder's responsibility to check website link: <http://wwwword.doa.louisiana.gov/osp/lapac/pubmain.asp> frequently for any possible addenda that may be issued. The Office of State Purchasing is not responsible for a Bidder's failure to download any addenda documents required to complete an Invitation to Bid.

CONSIDERATION OF BIDS

The properly identified Bids received on time will be opened publicly and will be read aloud.

The Division of Administration reserves the right to reject any or all bids and in particular to reject a bid not accompanied by any required

bid security or data required by the Bidding Documents or a bid in any way incomplete or irregular.

The Division of Administration reserves the right to waive any informality or irregularity in any bid received, deemed to be in the best interest of the State of Louisiana.

WITHDRAWAL OF BID

The Bidder agrees that his/her bid shall be good and may not be withdrawn by the Bidder for a period of thirty (30) calendar days after the bid opening.

REJECTION OF BIDS: The Bidder understands that the State reserves the right to reject any or all bids for just cause.

PUBLICIZING OF AWARD

Unsuccessful bidders will be notified of the award in accordance with LAC 34:i.535 provided that they submit a self addressed, stamped envelope requesting this information.

ACCEPTANCE OF BID

It is the intent of the Division of Administration, if any alternates are accepted, to accept them in the order in which they are listed in the Bid Form. Determination of the Low Bidder shall be on the basis of the sum of the base bid and the alternates accepted. However, the Division of Administration shall reserve the right to accept or reject alternates in any order which does not affect determination of the Low Bidder. The low bid, including alternates, will be accepted if that bid is within the construction budget, otherwise the bid will be awarded on the basis of the base bid.

AFFIDAVIT

The successful Bidder shall be required to execute an affidavit attesting "THAT THIS PUBLIC CONTRACT WAS NOT SECURED THROUGH EMPLOYMENT OR PAYMENT OF A SOLICITOR".

NOTICE OF AWARD AND FORM OF CONTRACT

If the Bidder is notified of the acceptance of the above bid or bids, within thirty (30) days of the time set forth for the opening of bids, the Bidder agrees to execute a contract for the work accepted; in the standard contract form currently used by the Division of Administration within ten (10) days after notice from the Division of Administration.

PERFORMANCE BOND, LABOR AND MATERIAL PAYMENT BOND

The Bidder agrees, if awarded the contract, to execute and deliver to the Division of Administration at the time the contract documents are executed, a Performance Bond with Power of Attorney, on the forms provided, in an amount equal to the contract sum.

Any performance bond furnished shall be written by a surety or insurance company currently on the U.S. Department of the Treasury Financial Management Service list of approved bonding companies which is published annually in the *Federal Register*, or by a Louisiana domiciled insurance company with at least an A-rating in the latest printing of the A.M. Best's Key Rating Guide to write individual bonds up to ten percent (10%) of policyholders' surplus as shown in the A.M. Best's Key Rating Guide or by an insurance company that is either domiciled in Louisiana or owned by Louisiana residents and is licensed to write surety bonds.

No surety or insurance company shall write a performance bond which is in excess of the amount indicated as approved by the U.S. Department of Treasury Financial Management Service list or by a Louisiana domiciled insurance company with an A-rating by A.M. Best up to a limit of ten percent (10%) of policyholders' surplus as shown by A.M. Best; companies authorized by this Paragraph who are not on the treasury list shall not write a performance bond when the penalty exceeds fifteen percent (15%) of its capital and surplus, such capital and surplus being the amount by which the company's assets exceed its liabilities as reflected by the most recent financial statements filed by the company with the Department of Insurance.

In addition, any performance bond furnished shall be written by a surety or insurance company that is currently licensed to do business in the State of Louisiana. If a performance bond has been required, the requirement cannot be waived, unless otherwise allowed by Louisiana statutes.

A Labor and Materials Payment Bond in an amount equal to 100% of the contract amount must also be provided by the successful Bidder.

RECORDATION CERTIFICATE

Contractor upon receipt of executed contract, bond, purchase order and Notice to Proceed shall record the contract and bond with the Clerk of Court in the parish in which the work is to be performed, obtain a Certificate of Recordation from the Clerk of Court and forward this Certificate immediately to the Division of Administration. The contracting agency will process no invoices until receipt of the Certificate of Recordation.

PROGRESS PAYMENTS

The Schedule of Items submitted by the Bidder shall be incorporated in the Contract showing the estimated quantities and accepted unit prices therefore, the total of which comprises the Total Contract Amount. Progress payments will be made in accordance with the Measurement and Payment Provisions included in the Technical Specifications and the General Provisions of the Contract Documents. Contract retainage will be withheld from each Progress Payment as follows:

- Ten (10%) percent of the payment amount for projects up to \$500,000.00
- Five (5%) percent of the payment amount for contracts of \$500,000.00 or more.

The final Total Contract Amount will be determined by the actual quantities in place at the unit prices set forth under the Schedule of Items.

ACCEPTANCE

Acceptance of the work shall be made in accordance with Section GP-29 of the General Provisions. Upon written notice by the Owner to the Division of Administration, a Notice by Owner of Acceptance of Work will be executed and forwarded to the Contractor for recording with the Clerk of Court in the parish in which the work has been performed and shall furnish a clear Lien Certificate from the Clerk of Court (to the owner along with final invoice) forty-five (45) days after recordation of acceptance. Payment of retainage will be made at this time.

AWARD AND EXECUTION OF CONTRACT: When this project is financed either partially or entirely with State Bonds, the award of this Contract is contingent upon the granting of lines of credit, or the sale of bonds by the State Bond Commission. The State shall incur no obligation to the Contractor until the Contract Between Owner and Contractor is duly executed.

If the Bidder is notified of the acceptance of the bid within thirty (30) days after the opening of bids, the Bidder agrees to execute and deliver the executed contract between the owner and contractor and applicable bonds and insurance certificates within ten (10) days after notice from the Owner that the instrument is ready for signature.

If the Bidder fails to complete all requirements for executing the contract or bonds within ten (10) days after notification, the State may reject the Bid, retain the Bid Bond, call in the surety for payment, and award the contract to the next lowest bidder.

REJECTION OF BIDS: The Bidder understands that the State reserves the right to reject any or all bids for just cause.

WITHDRAWAL OF BIDS: No bid may be withdrawn for a period of thirty (30) days after receipt of bids.

BID SECURITY: Attached is the bid security equal to five percent (5%) of the sum of total base bid and all alternates. The Bid Security shall be in favor of the State of Louisiana, Division of Administration. The bid security is to become the property of the State in the event the Contract and bond are not executed within the time set forth, as Liquidated Damages for the delay and additional work caused thereby.

COMPLETION TIME: The Bidder hereby agrees to fully complete the project within the number of consecutive calendar days stipulated in the Contract Documents, as may be amended by addenda, and acknowledges that this construction time will begin on the date specified in the written "Notice to Proceed" from the State.

LIQUIDATED DAMAGES: The Bidder hereby also agrees to be assessed the amount stipulated in the Contract Documents as Liquidated Damages for each consecutive calendar day for which the work is not complete beginning with the first day beyond the completion date stated on the "Notice to Proceed".

SCHEDULE OF BID ITEMS: The proposal shall be completed by the bidder on the attached Schedule of Bid Items, with the prices shown in words and numerals and the total amount shown by the bidder. Refer to the Technical Specifications for complete information concerning these items. In case of a discrepancy, the prices shown in words shall govern.

The undersigned bidder understands that the quantities of work as shown in the Schedule of Bid Items and work to be performed are approximate only and are subject to increase or decrease, and offers to do the work at the unit price stated in the Schedule of Bid Items.

The Bidder also agrees to do any extra work, not covered by the Schedule of Bid Items, which may be ordered by the Engineer, and to accept as full compensation therefore such prices as may be agreed upon in writing by the Engineer and the Contractor in accordance with the General Provisions, Change Orders, etc. This extra work will be connected to the scope of work required on this project.

THE UNDERSIGNED BIDDER, in compliance with the Invitation to Bid for the project listed above, having: a) examined the construction plans, specifications and related documents, b) not received, relied on, or based his bid on any verbal instructions contrary to the Contract Documents or any addenda, c) inspected the site and being familiar with all of the conditions surrounding the fulfillment of the contract, hereby proposes to furnish all labor, materials, tools and equipment necessary to complete the project within the time set forth and for the total amount of the accepted bid based on the sum of the extension of unit prices and estimated quantities contained in the Schedule of Bid Items.

Also, the Bidder acknowledges receipt of the following ADDENDA (ATTACH COPIES):

No. 1 Dated: July 11, 2012

No. 2 Dated: July 17, 2012

No. _____ Dated: _____

No. _____ Dated: _____

NAME OF BIDDER: Southern Delta Construction, LLC

LOUISIANA CONTRACTOR'S LICENSE NUMBER: 49323

SIGNATURE: Michael Mayeux

TYPED or PRINTED NAME: Michael Mayeux

TITLE: Vice President

ADDRESS: P.O. Box 1101
Vicksburg, MS 39181

PHONE: (985) 209-9884

FAX: (601) 636 8847

VENDOR NUMBER: 26-1592036-00

DATED: July 24, 2012

SCHEDULE OF BID ITEMS - BASE BID
BRADY CANAL HYDROLOGIC RESTORATION (TE-28) - 2012 MAINTENANCE PROJECT

Mail To:

Office of State Purchasing
 Division of Administration
 State of Louisiana
 Attn: Hilary Stephenson
 P.O. Box 94095

Baton Rouge, LA 70804-9095

ITEM No.	ITEM	UNIT	QUANTITY	UNIT PRICE		EXTENDED PRICE
				USING WORDS	USING NUMBERS	
1	Mobilization and Demobilization	LS	1	SEVENTY thousand Dollars	\$ 70,000.00	\$ 70,000.00
2	Cleaning and Grubbing	LS	1	SEVENTY five thousand Dollars	\$ 75,000.00	\$ 75,000.00
3	Magnetometer Surveys	LS	1	twenty thousand Dollars	\$ 20,000.00	\$ 20,000.00
4	130 Lb. Class Rock	TON	100	one hundred eighty one fifty Cents	\$ 181.50	\$ 18,150.00
5	130 Lb. Class Rock - Structure 23	TON	1,900	ONE hundred SEVEN Dollars	\$ 107.00	\$ 203,300.00
6	Dolphin Repair	LS	1	twenty five thousand Dollars	\$ 25,000.00	\$ 25,000.00
7	Woven Geotextile Fabric	SY	1,800	ELEVEN Dollars	\$ 11.25	\$ 20,250.00
8	Fertilizing and Seeding	AC	20	one thousand five hundred Dollars	\$ 1,500.00	\$ 30,000.00

ITEM No.	ITEM	UNIT	QUANTITY	UNIT PRICE		EXTENDED PRICE	
				USING WORDS	USING NUMBERS	USING NUMBERS	USING NUMBERS
9	Earth Embankment	LF	13,900	thirty seven NO Cents	\$ 37.00	\$ 514,300.00	
10	Temporary Warning Signs	EA	4	one thousand five hundred NO Cents	\$ 1500.00	\$ 6000.00	
11	Permanent Warning Signs	EA	3	one thousand five hundred NO Cents	\$ 1500.00	\$ 4500.00	
12	Temporary Spoil Placement	LS	1	one thousand NO Cents	\$ 1000.00	\$ 1000.00	
13	N/A						
14	N/A						
15	N/A						
Total Amount of Base Bid:				NINE hundred eighty SEVEN thousand five hundred	\$ 910	Cents	

1. Where the quantity of Work with respect to any item is covered by a unit price, such quantities are estimated quantities to be used when comparing bids and the right is reserved by the Owner to increase/decrease such quantities as may be necessary to complete the Work and/or remain within the funding limits. In the event of material underperformance, the unit costs will be used to determine payment to the Contractor.
2. Items must be completed by the bidder. The completed sheet must be attached to the bid submitted to the Office of State Purchasing in order for the bid to be considered. The low Bidder will be determined on the basis of the Base Bid and any Alternates accepted.
3. Mobilization and Demobilization shall include all appropriate costs associated with constructing all features listed in the Specifications and/or shown in the Plans.

**SCHEDULE OF BID ITEMS - ALTERNATE 2
BRADY CANAL HYDROLOGIC RESTORATION (TB-28) - 2012 MAINTENANCE PROJECT**

Mail To:

Office of State Purchasing
Division of Administration
State of Louisiana
Attn: Hilary Stephenson
P.O. Box 94095
Baton Rouge, LA 70804-9095

ITEM No.	ITEM	UNIT	QUANTITY	UNIT PRICE ¹		EXTENDED PRICE ²
				USING WORDS	USING NUMBERS	
4b	130 Lb. Class Rock	TON	1,900	EIGHTY FIVE NO Cents	\$ 85.00	\$ 161,500.00
7b	Woven Geotextile Fabric	SY	1,800	ELEVEN twenty five Cents	\$ 11.25	\$ 20,250.00
Total Amount of Alternate 2 Bid: <u>ONE hundred eighty one thousand seven hundred fifty</u>				Dollars	NO Cents	

7. Where the quantity of Work with respect to any item is covered by a unit price, such quantities are estimated quantities to be used when comparing bids and the right is reserved by the Owner to increase/decrease such quantities as may be necessary to complete the Work and/or remain within the funding limits. In the event of material underpayments, the unit costs will be used to determine payment to the Contractor.
8. Items must be completed by the bidder. The completed sheet must be attached to the bid submitted to the Office of State Purchasing in order for the bid to be considered. The low Bidder will be determined on the basis of the Base Bid and any Alternates accepted.
9. Mobilization and Demobilization shall include all appropriate costs associated with constructing all features listed in the Specifications and/or shown in the Plans.

**SCHEDULE OF BID ITEMS - ALTERNATE 1
BRADY CANAL HYDROLOGIC RESTORATION (IE-28) - 2012 MAINTENANCE PROJECT**

Mail To:
Office of State Purchasing
Division of Administration
State of Louisiana
Attn: Hilary Stephenson
P.O. Box 94095
Baton Rouge, LA 70804-9095

ITEM No.	ITEM	UNIT	QUANTITY	UNIT PRICE ²		EXTENDED PRICE ²
				USING WORDS	USING NUMBERS	
4a	130 Lb. Class Rock	TON	1,900	EIGHTY FIVE Dollars	\$ 85.00	\$ 161,500.00
7a	Woven Geotextile Fabric	SY	1,800	ELSEVEN Dollars twenty five Cents	\$ 11.25	\$ 20,250.00
Total Amount of Alternate 1 Bid: <u>ONE hundred eighty one thousand SEVEN hundred fifty</u>				Dollars	AND	Cents

4. Where the quantity of Work with respect to any item is covered by a unit price, such quantities are estimated quantities to be used when comparing bids and the right is reserved by the Owner to increase/decrease such quantities as may be necessary to complete the Work and/or remain within the funding limits. In the event of material underruns/overruns, the unit costs will be used to determine payment to the Contractor.
5. Items must be completed by the bidder. The completed sheet must be attached to the bid submitted to the Office of State Purchasing in order for the bid to be considered. The low Bidder will be determined on the basis of the Base Bid and any Alternates accepted.
6. Mobilization and Demobilization shall include all appropriate costs associated with constructing all features listed in the Specifications and/or shown in the Plans.

THE AMERICAN INSTITUTE OF ARCHITECTS



AIA Document A310

Bid Bond

KNOW ALL MEN BY THESE PRESENTS, that we Southern Delta Construction, LLC P.O. Box 1101, Vicksburg, Mississippi 39181 (Here insert full name and address or legal title of Contractor)

as Principal, hereinafter called the Principal, and Fidelity and Deposit Company of Maryland 1400 American Lane, Tower I, 19th Floor, Schaumburg, Illinois 60196-1056 (Here insert full name and address or legal title of Surety)

a corporation duly organized under the laws of the State of Maryland as Surety, hereinafter called the Surety, are held and firmly bound unto State of Louisiana, Division of Administration Office of State Purchasing, 1201 N. Third Street, Baton Rouge, Louisiana 70802 (Here insert full name and address or legal title of Owner)

as Obligee, hereinafter called the Obligee, in the sum of

Five Percent (5%) of the Amount Bid _____ Dollars (\$)

for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for Brady Canal Hydrological Restoration 2012 Maintenance Project No. (TE-28) (Here insert full name, address and description of project)

Solicitation No. 2249211 File No. T 28354DL Terrebonne Parish, Louisiana

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 24th day of July, 2012

[Signature] (Witness)

Southern Delta Construction, LLC (Principal) [Signature] V.P. (Seal) (Title)

[Signature] (Witness) Louisiana Countersigning Agent: Charles E. Reagin, III - License #732446 Wright & Percy Insurance P. O. Box 3809, Baton Rouge, LA 70809

Fidelity and Deposit Company of Maryland (Surety) [Signature] (Seal) Loren Richard Howell, Jr. (Title) Attorney-In-Fact

AIA DOCUMENT A310 • BID BOND • AIA © • FEBRUARY 1970 ED • THE AMERICAN INSTITUTE OF ARCHITECTS, 1735 N.Y. AVE., N.W., WASHINGTON, D. C. 20006

**Power of Attorney
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**

KNOW ALL MEN BY THESE PRESENTS: That the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, a corporation of the State of Maryland, by THEODORE G. MARTINEZ, Vice President, and GERALD F. HALEY, Assistant Secretary, in pursuance of authority granted by Article VI, Section 2, of the By-Laws of said Company, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute and appoint Jim E. BRASHIER, Troy WAGENER, Loren Richard HOWELL, JR, Norma J. MCMAHON, Andy RICE and Kathleen SCARBOROUGH, all of Biloxi, Mississippi, EACH its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: any and all bonds and undertakings, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Company, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the Company at its office in Baltimore, Md., in their own proper persons. This power of attorney revokes that issued on behalf of Jim E. BRASHIER, Troy WAGENER, Loren Richard HOWELL, JR, Norma J. MCMAHON, Jill EURE, and Andy RICE, Kathleen SCARBOROUGH, dated January 28, 2008.

The said Assistant Secretary does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article VI, Section 2, of the By-Laws of said Company, and is now in force.

IN WITNESS WHEREOF, the said Vice-President and Assistant Secretary have hereunto subscribed their names and affixed the Corporate Seal of the said FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 29th day of July, A.D. 2008.

ATTEST:

FIDELITY AND DEPOSIT COMPANY OF MARYLAND



Gerald F. Haley

Theodore G. Martinez

Gerald F. Haley Assistant Secretary By: Theodore G. Martinez

State of Maryland }
City of Baltimore } ss:

On this 29th day of July, A.D. 2008, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, came THEODORE G. MARTINEZ, Vice President, and GERALD F. HALEY, Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and they each acknowledged the execution of the same, and being by me duly sworn, severally and each for himself depose and saith, that they are the said officers of the Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and that the said Corporate Seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.



Constance A. Dunn

Constance A. Dunn Notary Public
My Commission Expires: July 14, 2015



P.O. BOX 1101 • VICKSBURG, MISSISSIPPI 39181 • TELEPHONE 601/636-5807 • FAX 601/636-8847

RESOLUTION

BE IT RESOLVED by the Members of Southern Delta Construction, LLC in a meeting duly assembled, that Michael Mayeux, Vice President of the LLC, is hereby authorized, empowered and directed for and on behalf of the LLC to negotiate for and sign any and all bid proposals and/or contracts which this LLC might enter for the furnishing of services for the LLC under such terms, conditions and stipulations, and for such consideration as he might in the best interest of the LLC.

I, Daniel K. Fordice III Member and President of Southern Delta Construction, LLC do hereby certify that the above and foregoing is a true and correct copy of a resolution unanimously adopted at a meeting of the Members of the LLC held on the 1st day of May, 2012, at which meeting all members of the LLC were present and voted thereon and that said resolution has been spread upon the minute books of the LLC, and same is in full force and effect.

WITNESS MY SIGNATURE THIS 1st day of May, 2012, at the home office of Southern Delta Construction, LLC in Vicksburg, MS.

Daniel K. Fordice III
Member and President



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ATTACHMENT “G”

Materials Submitted



P.O. BOX 309 • BOURG, LOUISIANA 70343 • TELEPHONE & FAX 985/872-9405

November 2, 2012

Providence/GSE
991 Grand Caillou Road
Houma, LA 70363

Reference: Brady Canal Hydrologic Restoration Project (TE-28)
File No. T 28354 DL
Purchase Order Number 3854789

Attn: Mr Phil Schexnayder

Dear Sir,

Attached are five copies of the revised work plan as previously requested. This plan has been reviewed by myself for compliance with the requirements of the contract and meets those requirements with no exceptions.

If you have any questions we can be reached at 985-209-9884.

Regards,
Southern Delta Construction, LLC

Michael Mayeux
Vice President

**REVIEWED FOR GENERAL
COMPLIANCE WITH
CONTRACT DOCUMENTS**

NO RESPONSIBILITY IS ASSUMED FOR QUANTITIES OR FOR CORRECTNESS OF DIMENSIONS OR DETAILS.

THIS REVIEW IS SUBJECT TO ALL TERMS AND CONDITIONS OF THE CONTRACT DOCUMENTS WITH SPECIAL REFERENCE TO WARRANTY REQUIREMENTS CONTAINED THEREIN. THE CONTRACTOR SHALL OBTAIN A CERTIFICATION FROM ALL SUPPLIERS AND/OR SUBCONTRACTORS THAT THEY ARE AWARE OF AND ARE ABIDING BY WARRANTY REQUIREMENTS OF THE CONTRACT DOCUMENTS.

NO EXCEPTIONS TAKEN	<input checked="" type="checkbox"/>
MAKE CORRECTIONS NOTED	<input type="checkbox"/>
REVISE & RESUBMIT	<input type="checkbox"/>
REJECTED, SEE REMARKS	<input type="checkbox"/>



SKILL • RESPONSIBILITY • INTEGRITY

GSE ASSOCIATES, LLC

BY REW DATE 11/7/12



P.O. BOX 309 • BOURG, LOUISIANA 70343 • TELEPHONE & FAX 985/872-9405

PLAN OF OPERATION

PURPOSE

This Plan of Operation has been prepared in accordance with all applicable regulations. The purpose of this Plan of Operation is to identify needs, actions, and the corresponding completion dates relating to staffing, training, recordkeeping, reporting, start-up and process control, safety, emergency operations, and maintenance management.

1. SUMMARY OF IMPLEMENTATION ITEMS AND DATES

The implementation dates of the following sections are arranged below in chronological order to allow rapid identification of action items and related completion dates. All dates provided are projected and subject to change.

<u>Start Date</u>	<u>Item</u>
October 18, 2012	Notice to Proceed
October 18, 2012	Mobilize
October 18, 2012	Clearing and Grubbing
October 23, 2012	Magnetometer Surveys
October 24, 2012	Earthen Embankment – Dredging
November 25, 2012	Earthen Embankment – Dressing
December 3, 2012	Dolphin Repair
December 3, 2012	Permanent Warning Signs
December 11, 2012	Woven Geotextile Fabric
December 11, 2012	Rip Rap
January 27, 2013	Fertilize and Seed
February 28, 2013	Demobilization

2. STAFF

Michael Mayeux	-	Vice President
Aaron Mayeux	-	Project Manager/SSHO
Greg Riley	-	Excavator Operator
John Abt	-	Assistant Supt/ Operator
Daryl Devillier	-	Assistant Supt/ Operator
Noel Jackson	-	Assistant Supt/ Operator
Tyran Holmes	-	Oiler
Daryl Devillier Jr.	-	Oiler
James Macdonald	-	Oiler

Frisco Construction Co. LLC will be used as a subcontractor to perform work on the dolphin replacement.

3. SAFETY

(i) Training & Indoctrination

Upon hiring, employees are trained in the applicable aspects of the Occupational Safety and Health Administration Standards, 29 CFR 1910 et seq. (including, but not limited to lockout/tagout procedures, confined space entry, heavy equipment operation, etc.). Safety protocols and workplace policies and procedures are also reviewed routinely. Weekly safety meetings will be held every Monday morning before the start of work. All employee first aid and CPR certifications will be kept up to date.

(ii) Inspections

Construction safety inspections are the most effective means of identifying hazardous conditions at the worksite. Construction sites require constant monitoring and observations to keep ahead of safety issues. All working areas shall be inspected daily by the Safety Officer to ensure compliance with the accident prevention plan and safety manual. A daily inspection log will be completed by the Safety Officer daily and maintained on site. At the end of each day, the Safety Officer will make sure that all necessary corrective actions have been taken. He will also do a follow up inspection of the identified deficiencies during the next work day. Follow up inspections will continue until the deficiency has been corrected.

* A copy of the Daily Inspection Log can be found on the next page.

(iii) Recording

Weekly safety meetings will be conducted at the beginning of each work week. All employees present will sign the meeting minutes to acknowledge participation.

* For a detailed company safety program, see our Health & Safety Plan.

4. PUBLIC SAFETY REQUIREMENTS

Signs, tags, and labels shall be provided to give adequate warning and caution of hazards. They are provided to instruct and direct workers and the public.

All warning systems such as signs, tags, and labels shall be visible at all times when the hazard or problem exists, and shall be removed or covered when the hazard or problem no longer exists.

The contractor shall conduct his operations in such a manner as to offer the least possible obstruction to the safe and satisfactory movement of traffic during the life of the contract.

5. MAJOR EQUIPMENT TO BE USED

We will use a 900 hp tug boat called the Joan Cenac to mobilize/demobilize. Dredging operations will be done using a 4600 Manitowoc dragline on a 150' x 50' spud barge. Rock will be light loaded onto barges and placed with a CAT 336 excavator. There will be two skiffs on site; a survey boat and crew boat. The crew boat will also serve as the safety skiff since it will be readily available at all times to the crew members aboard the plant.

6. WORK AREA

All equipment and personnel shall remain within the limits of the project site and dredging will only occur within the limits of the floatation and access channels as depicted on the drawings. Workers shall be aware of and avoid contact with all pipelines in the area.

7. STAGING AREA

The riprap staging area to be used for this project will be located in the Houma Navigation Canal at Falgout Canal. We will use this location only during the placement of rip-rap. We will use a spud barge to moor the four barges of rock supplied by Luhr Brothers at the staging area. We will also use the staging area to light load the rock for placement. We will have a 600 hp tug boat on site to ferry the rock barges back and forth. The exact tug has yet to be determined. Barges will be light loaded before being measured for payment. Barge tables will be provided by the supplier and all rock delivered to the work site will be on certified barges. All unloading will be performed with an excavator during daylight hours. The project representative will be notified 12 hours prior to unloading or measuring rock. Frisco Construction LLC, the subcontractor doing the dolphin repair work, will use their yard in Dulac as a staging area. All of our equipment, supplies, and materials needed for the job will be loaded for mobilization at Eagle Drydock located at the Port of Terrebonne.

8. LIGHTING PLAN

All night time work will be performed on the dredge. There will be no ground work performed at night. There are three 1000W metal halide light fixtures mounted on the boom of the dragline. These lights are more than capable of lighting all areas during dredging operations and placement of material, as they are always pointed towards the work area. There are 500W quartz lights mounted on each side of the counter weight to provide for lighting safety during swinging. On the barge, 500W quartz lights have been strategically placed to illuminate all three spuds and walking/working areas. Also, there are quartz lights mounted at the rear of the barge lighting the floating pontoon, ladder, and deck for safe access to the barge. The dredge will be available for inspection by the Project Representative at all times.

9. ENGINEER'S BOAT & OFFICE

We will supply a boat meeting the specifications required for use of the engineer. After a meeting with Mr. Jimmy Theriot, he stated that he would rather use the office on the dredge rather than an office at the landing.



P.O. BOX 309 • BOURG, LOUISIANA 70343 • TELEPHONE & FAX 985/872-9405

March 13, 2013

Providence/GSE
991 Grand Caillou Road
Houma, LA 70363

Reference: Brady Canal Hydrologic Restoration Project (TE-28)
File No. T 28354 DL
Purchase Order Number 3854789

Attn: Mr Robert Williams, Jr. PE

Dear Sir,

Our plan to seed and fertilize the embankment is as follows. For seed bed preparation a four wheeler will pull a light drag to scarify the soil. This step may not be possible if the levee will not hold up the equipment without bogging down.

We will use the four wheeler with a distributor to spread all seed and fertilizer. If in areas where the ground is too soft we will walk the levee and use a hand held whirly bird seeder. We will mark out 1 acre increments and place 8 lbs of hulled Common Bermuda seed and 30 lbs of Brown Top Millet seed per acre.

After the vegetation has emerged 200 lbs per acre of Ammonium Nitrate with 33% nitrogen will be spread over the area seeded with the same method used to spread the seed.

If you have any questions we can be reached at 985-209-9884.

Regards,
Southern Delta Construction

Michael Mayeux
Michael Mayeux
Vice President

REVIEWED FOR CENTRAL
COMPLIANCE WITH
CONTRACT DOCUMENTS

NO RESPONSIBILITY IS ASSUMED FOR QUANTITIES OR FOR CORRECTNESS OF DIMENSIONS OR DETAILS.

THIS REVIEW IS SUBJECT TO ALL TERMS AND CONDITIONS OF THE CONTRACT DOCUMENTS WITH SPECIAL REFERENCE TO WARRANTY REQUIREMENTS CONTAINED THEREIN. THE CONTRACTOR SHALL OBTAIN A CERTIFICATION FROM ALL SUPPLIERS AND/OR SUBCONTRACTORS THAT THEY ARE AWARE OF AND ARE ABIDING BY WARRANTY REQUIREMENTS OF THE CONTRACT DOCUMENTS.

NO EXCEPTIONS TAKEN	<input checked="" type="checkbox"/>
MAKE CORRECTIONS NOTED	<input type="checkbox"/>
REVISE & RESUBMIT	<input type="checkbox"/>
SEE REMARKS	<input checked="" type="checkbox"/>

GSE ASSOCIATES, LLC

SEED & FERTILIZER MAY BE PLACED SIMULTANEOUSLY
REW



SKILL • RESPONSIBILITY • INTEGRITY

BY *REW* DATE 3/14/13



PROVIDENCE/GSE
GSE ASSOCIATES, LLC

LETTER OF TRANSMITTAL

Date:	January 8, 2013	Job No.	621-006-GSE
Attn:	Mr. Michael Mayeux		
Re:	DNR Contract No. 2503-12-23		
	Brady Canal Hydrologic Restoration Project (TE-28)		
	2012 Maintenance Project		
	Terrebonne Parish, Louisiana		

TO: Southern Delta Construction, LLC
P. O. Box 309
Bourg, Louisiana 70343

WE ARE SENDING YOU ATTACHED

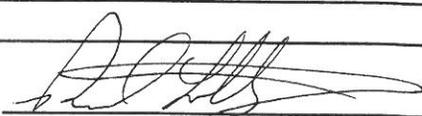
NO. COPIES	DRWG. NO.	DESCRIPTION	ACTION																	
2		Riprap Class 130	<input checked="" type="checkbox"/>																	
2		U.S. Army Corps Engineers Barge Displacement Tables	<input checked="" type="checkbox"/>																	

REMARKS:

Should you have any questions or require additional information, please contact me at
 991 Grand Caillou Road, Houma, Louisiana, 70363, phone number (985) 876-6380,
 fax number (985) 876-0621.

No Exceptions Taken	Make Corrections Noted	Revise - Resubmit	Rejected	See Remarks	For Your Use	As Requested	For Review & Comment	For Approval	For Your Files

COPIES TO:
 Mr. Adam Ledet, OCPR
 w/attachment

SIGNED: 
 Richard L. Lottinger

If enclosures are not as noted, kindly notify us at once.



P.O. BOX 309 • BOURG, LOUISIANA 70343 • TELEPHONE & FAX 985/872-9405

January 7, 2013

Providence/GSE
991 Grand Caillou Road
Houma, LA 70363

Reference: Brady Canal Hydrologic Restoration Project (TE-28)
File No. T 28354 DL
Purchase Order Number 3854789

Attn: Mr Phil Schexnayder

Dear Sir,

Attached are five copies of the submittals for the riprap items. I have included an email with the barges used and the tonnage on each barge. Also included is a gradation test from Tower Rock Quarry at St Genevieve, MO and a Corps of Engineers Index of Barge Displacement tables along with the two tables required for these barges. Barges BV102, HD134, HD142 and HD143 all use table 201 and barge FMTA0902 uses table 243.

These certifications have been reviewed by myself for compliance with the requirements of the contract and meet or exceed those requirements with no exceptions.

If you have any questions we can be reached at 985-209-9884.

Regards,
Southern Delta Construction, LLC

Michael Mayeux
Vice President



GSE COPY

Mike

From: "Bill Shaw" <bshaw@luhr.com>
To: <mike@sdchouma.com>
Sent: Monday, January 07, 2013 10:50 AM
Subject: Barges
Mike:

Your 5 barges are at Mile 891 of the Mississippi River as we discussed this morning. The barges and weights are as follows:

HD142	1,211 tons
HD134	1,149 tons
HD143	1,116 tons
FMTA0902	1,185 tons
BV102	1,165 tons
Total	5,826 tons

I will forward a gradation test under separate cover.

Bill

BY *[Signature]* DATE 1/7/13
GSE ASSOCIATES, LLC

NO EXCEPTIONS TAKEN
MAKE CORRECTIONS NOTED
REVISE & RESUBMIT
REJECTED, SEE REMARKS

THIS REVIEW IS SUBJECT TO ALL TERMS AND CONDITIONS OF THE CONTRACT DOCUMENTS WITH SPECIAL REFERENCE TO WARRANTY REQUIREMENTS CONTAINED THEREIN. THE CONTRACTOR SHALL OBTAIN A CERTIFICATION FROM ALL SUPPLIERS AND/OR SUBCONTRACTORS THAT THEY ARE AWARE OF AND ARE ABIDING BY WARRANTY REQUIREMENTS OF THE CONTRACT DOCUMENTS.

NO RESPONSIBILITY IS ASSUMED FOR QUANTITIES OR FOR CORRECTNESS OF DIMENSIONS OR DETAILS.

REVIEWED FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS

U.S. ARMY, CORPS OF ENGINEERS
MISSISSIPPI VALLEY DIVISION

BARGE DISPLACEMENT TABLES
INDEX OF BARGES
(BY BARGE NAME)

<u>BARGE NAME</u>	<u>TABLE NO.</u>	<u>BARGE NAME</u>	<u>TABLE NO.</u>	<u>BARGE NAME</u>	<u>TABLE NO.</u>
B0768	208	BL203	62	BV-357	207
B0769	208	BL204	62	BV-358	207
B0770	208	BL205	62	BV1088	202
B0771	208	BL206	62	BV1089	202
B0772	208	BL207	62	BV1090	202
B0773	208	BL208	62	BV1091	202
B0774	208	BL209	62	BV1092	202
B0775	208	BL210	62	BV1093	202
B0776	208	BL211	62	BV1094	202
B0777	208	BL212	62	BV1095	202
B0778	208	BL213	62	C11	26
B0779	208	BL214	62	CARIB-2	118
B0780	208	BL215	62	CB-681B	66
B0781	208	BOB	47	CBC583	247
B0782	208	BROWN	2	CBC601	88
B-53	200	BV101	201	CBC604	88
B-54	200	BV102	201	CBC605	86
B-55	200	BV103	201	CBC606	88
B-56	200	BV104	201	CBX1	176
B-57	200	BV105	201	CBX10	176
B-58	200	BV106	201	CBX11	176
B-59	200	BV107	201	CBX12	176
B-61	200	BV108	201	CBX13	176
B-62	200	BV109	201	CBX14	176
B9901	210	BV110	201	CBX15	176
B9902	210	BV111	201	CBX16	176
B9903	210	BV112	201	CBX17	176
B9904	210	BV113	201	CBX18	176
B9905	210	BV114	201	CBX19	176
B9906	210	BV115	201	CBX2	176
BB10	1	BV116	201	CBX20	176
BB11	1	BV117	201	CBX2080	230
BB12	1	BV118	201	CBX2081	230
BC-802	195	BV119	201	CBX2082	230
BC-803	195	BV120	201	CBX2083	230
BC-805	195	BV121	201	CBX2084	230
BC-806	195	BV122	201	CBX2085	230
BELL	47	BV123	201	CBX2086	230
BEN	47	BV124	201	CBX2087	230
BENTLEY	2	BV125	201	CBX2088	230
BERT	47	BV126	201	CBX2089	230
BESS	47	BV127	201	CBX2090	230
BILL	47	BV128	201	CBX2091	230
BL101	16	BV129	201	CBX2092	230
BL102	16	BV130	201	CBX2093	230
BL103	16	BV-259	208	CBX2094	230
BL104	16	BV-260	208	CBX2095	230
BL105	16	BV-261	208	CBX2096	230
BL106	16	BV-262	208	CBX2097	230
BL107	15	BV-263	208	CBX2098	230
BL108	16	BV-264	208	CBX2099	230
BL109	16	BV-265	208	CBX2100	230
BL110	16	BV-266	208	CBX2101	230
BL111	16	BV-353	207	CBX2102	230
BL112	16	BV-354	207	CBX2103	230
BL201	62	BV-355	207	CBX2104	230
BL202	62	BV-356	207	CBX21	176

U.S. ARMY, CORPS OF ENGINEERS
MISSISSIPPI VALLEY DIVISION

BARGE DISPLACEMENT TABLES
INDEX OF BARGES
(BY BARGE NAME)

<u>BARGE NAME</u>	<u>TABLE NO.</u>	<u>BARGE NAME</u>	<u>TABLE NO.</u>	<u>BARGE NAME</u>	<u>TABLE NO.</u>
FRI-712B	208	GD 2007	205	GD 902	189
FRI-713B	208	GD 2008	205	GD 903	189
FRI-714B	208	GD 2009	205	GD 904	189
FRI-715B	208	GD 2010	205	GD 905	189
FRI-716B	208	GD 2011	205	GD 906	189
FRI-717B	208	GD 2012	205	GD 907	189
FRI-718B	208	GD 2013	205	GD 908	189
FMS202	1	GD 2014	205	GD 909	189
FMTA-101	212	GD 650	49	GD 910	189
FMTA-102	212	GD 651	49	GD 911	189
FMTA-103	212	GD 652	49	GD 912	189
FMTA-104	212	GD 653	49	GD 913	189
FMTA-105	212	GD 654	49	GD 914	189
FMTA-106	212	GD 655	49	GD 915	189
FMTA-107	212	GD 656	49	GD 916	189
FMTA-108	212	GD 657	49	GD 941	202
FMTA-109	212	GD 658	49	GD 9410	202
FMTA-110	212	GD 659	49	GD 942	202
FMTA-111	212	GD 660	10	GD 943	202
FMTA-112	212	GD 661	10	GD 944	202
FMTA-113	212	GD 662	10	GD 945	202
FMTA-114	212	GD 663	10	GD 946	202
FMTA-115	212	GD 664	10	GD 947	202
FMTA-116	212	GD 665	10	GD 948	202
FMTA-117	212	GD 666	10	GD 949	202
FMTA-118	212	GD 667	10	GD 951	202
FMTA-119	212	GD 668	10	GD 952	202
FMTA-120	212	GD 669	10	GD 953	202
FMTA-0902	243	GD 670	10	GD 954	202
FMTA-0904	243	GD 671	10	GD 955	202
GB205	76	GD 672	10	GD 956	202
GBT203	74	GD 673	10	GD 957	202
GD 122	93	GD 674	10	GD 958	202
GD 124	93	GD 675	10	GD 959	202
GD 126	93	GD 676	10	GD 960	202
GD 128	93	GD 691	10	GD 961	202
GD 150	8	GD 692	10	GD 962	202
GD 151	8	GD 693	10	GD 963	202
GD 152	8	GD 694	10	GD 964	202
GD 153	8	GD 811	63	GD 965	202
GD 154	8	GD 812	63	GD 966	202
GD 155	8	GD 813	63	GD 971	205
GD 156	8	GD 814	63	GD 972	205
GD 157	8	GD 815	63	GD 973	205
GD 158	8	GD 816	63	GD 974	205
GD 191	57	GD 817	73	GD 975	205
GD 192	57	GD 818	75	GD 976	205
GD 193	57	GD 891	189	GD 977	205
GD 194	57	GD 892	189	GD 978	205
GD 195	11	GD 894	189	GD 979	205
GD 196	11	GD 895	189	GD 980	205
GD 2001	205	GD 896	189	GD 981	202
GD 2002	205	GD 897	189	GD 982	202
GD 2003	205	GD 898	189	GD 983	202
GD 2004	205	GD 899	189	GD0101	188
GD 2005	205	GD 900	189	GD0102	188
GD 2006	205	GD 901	189	GD0103	188

U.S. ARMY, CORPS OF ENGINEERS
MISSISSIPPI VALLEY DIVISION

BARGE DISPLACEMENT TABLES
INDEX OF BARGES
(BY BARGE NAME)

<u>BARGE NAME</u>	<u>TABLE NO.</u>	<u>BARGE NAME</u>	<u>TABLE NO.</u>	<u>BARGE NAME</u>	<u>TABLE NO.</u>
GD0104	188	HBC7858	143	HBC8144	144
GD0105	188	HBC7859	143	HBC8145	144
GD0106	188	HBC7860	143	HBC8146	144
GD0107	188	HBC7861	143	HBC8147	144
GD0108	188	HBC7862	143	HBC8148	144
GD0109	188	HBC7863	143	HBC8149	144
GD0110	188	HBC7864	143	HBC8150	144
GD20031	220	HBC7865	143	HC-108	96
GD20032	220	HBC7866	143	HD111	201
GD20033	220	HBC7972	143	HD112	201
GD20034	220	HBC7973	143	HD113	201
GD20081	232	HBC7974	143	HD114	201
GD20101	244	HBC7975	143	HD115	201
GD20102	244	HBC7976	143	HD116	201
GD20103	244	HBC7977	143	HD117	201
GD20104	244	HBC7978	143	HD118	201
GWT301	77	HBC7979	143	HD119	201
HBC1600	12	HBC7980	143	HD120	201
HBC1601	12	HBC7981	143	HD121	201
HBC1602	12	HBC7982	143	HD122	201
HBC1603	12	HBC7983	143	HD123	201
HBC1604	12	HBC7984	143	HD124	201
HBC1605	12	HBC7985	143	HD125	201
HBC1606	12	HBC7986	143	HD126	201
HBC1607	12	HBC7987	143	HD127	201
HBC1608	12	HBC7988	143	HD128	201
HBC1609	12	HBC7989	143	HD129	201
HBC1610	12	HBC7990	143	HD130	201
HBC1611	12	HBC7991	143	HD131	201
HBC1612	12	HBC8101	144	HD132	201
HBC1613	12	HBC8102	144	HD133	201
HBC1614	12	HBC8103	144	HD134	201
HBC1615	12	HBC8104	144	HD135	201
HBC1616	12	HBC8105	144	HD136	201
HBC1617	12	HBC8106	144	HD137	201
HBC1618	12	HBC8107	144	HD138	201
HBC1619	12	HBC8108	144	HD139	201
HBC1620	12	HBC8109	144	HD140	201
HBC1621	12	HBC8110	144	HD141	201
HBC1622	12	HBC8111	144	HD142	201
HBC1624	12	HBC8112	144	HD143	201
HBC1625	12	HBC8113	144	HD144	201
HBC1626	12	HBC8114	144	HD145	201
HBC1627	12	HBC8115	144	HEIDJ	2
HBC1628	12	HBC8131	144	HENRY B	52
HBC1629	12	HBC8132	144	IC13	13
HBC1630	12	HBC8133	144	IC14	13
HBC1631	12	HBC8134	144	IC15	13
HBC1632	12	HBC8135	144	IC16	13
HBC1633	12	HBC8136	144	IM776	186
HBC7731	19	HBC8137	144	IM876	186
HBC7732	19	HBC8138	144	IM976	186
HBC7733	19	HBC8139	144	IM977	186
HBC7734	19	HBC8140	144	ING10	145
HBC7735	19	HBC8141	144	ING100	145
HBC7736	19	HBC8142	144	ING101	145
HBC7857	143	HBC8143	144	ING102	145

FBRD	0	1	2	3	4	5	6	7	8	9	FBRD
0.0	2149	2187	2181	2174	2168	2161	2154	2148	2141	2135	0.0
0.1	2128	2126	2124	2122	2120	2118	2115	2113	2111	2109	0.1
0.2	2107	2105	2103	2101	2099	2097	2094	2092	2090	2088	0.2
0.3	2086	2084	2082	2079	2077	2075	2073	2071	2068	2066	0.3
0.4	2064	2062	2060	2058	2056	2054	2051	2049	2047	2045	0.4
0.5	2043	2041	2039	2037	2035	2033	2030	2028	2026	2024	0.5
0.6	2022	2020	2018	2015	2013	2011	2009	2007	2004	2002	0.6
0.7	2000	1998	1996	1994	1992	1990	1987	1985	1983	1981	0.7
0.8	1979	1977	1975	1973	1971	1969	1966	1964	1962	1960	0.8
0.9	1958	1956	1954	1952	1950	1948	1945	1943	1941	1939	0.9
1.0	1937	1935	1933	1930	1928	1926	1924	1922	1919	1917	1.0
	0	1	2	3	4	5	6	7	8	9	
1.1	1915	1913	1911	1909	1907	1905	1902	1900	1898	1896	1.1
1.2	1894	1892	1890	1888	1886	1884	1881	1879	1877	1875	1.2
1.3	1873	1871	1869	1867	1865	1863	1860	1858	1856	1854	1.3
1.4	1852	1850	1848	1846	1844	1842	1839	1837	1835	1833	1.4
1.5	1831	1829	1827	1824	1822	1820	1818	1816	1813	1811	1.5
1.6	1809	1807	1805	1803	1801	1799	1796	1794	1792	1790	1.6
1.7	1788	1786	1784	1782	1780	1778	1775	1773	1771	1769	1.7
1.8	1767	1765	1763	1761	1759	1757	1754	1752	1750	1748	1.8
1.9	1746	1744	1742	1740	1738	1736	1733	1731	1729	1727	1.9
2.0	1725	1723	1721	1719	1717	1715	1712	1710	1708	1706	2.0
	0	1	2	3	4	5	6	7	8	9	
2.1	1704	1702	1700	1698	1696	1694	1691	1689	1687	1685	2.1
2.2	1683	1681	1679	1677	1675	1673	1670	1668	1666	1664	2.2
2.3	1662	1660	1658	1656	1654	1652	1649	1647	1645	1643	2.3
2.4	1641	1639	1637	1635	1633	1631	1628	1626	1624	1622	2.4
2.5	1620	1618	1616	1613	1611	1609	1607	1605	1602	1600	2.5
2.6	1598	1596	1594	1592	1590	1588	1585	1583	1581	1579	2.6
2.7	1577	1575	1573	1571	1569	1567	1564	1562	1560	1558	2.7
2.8	1556	1554	1552	1550	1548	1546	1543	1541	1539	1537	2.8
2.9	1535	1533	1531	1529	1527	1525	1522	1520	1518	1516	2.9
3.0	1514	1512	1510	1508	1506	1504	1502	1500	1498	1496	3.0
	0	1	2	3	4	5	6	7	8	9	
3.1	1494	1492	1490	1488	1486	1484	1481	1479	1477	1475	3.1
3.2	1473	1471	1469	1467	1465	1463	1460	1458	1456	1454	3.2
3.3	1452	1450	1448	1446	1444	1442	1439	1437	1435	1433	3.3
3.4	1431	1429	1427	1425	1423	1421	1418	1416	1414	1412	3.4
3.5	1410	1408	1406	1404	1402	1400	1397	1395	1393	1391	3.5
3.6	1389	1387	1385	1383	1381	1379	1376	1374	1372	1370	3.6
3.7	1368	1366	1364	1362	1360	1358	1355	1353	1351	1349	3.7
3.8	1347	1345	1343	1341	1339	1337	1334	1332	1330	1328	3.8
3.9	1326	1324	1322	1320	1318	1316	1313	1311	1309	1307	3.9
4.0	1305	1303	1301	1299	1297	1295	1293	1291	1289	1287	4.0
	0	1	2	3	4	5	6	7	8	9	
4.1	1285	1283	1281	1279	1277	1275	1272	1270	1268	1266	4.1
4.2	1264	1262	1260	1258	1256	1254	1251	1249	1247	1245	4.2
4.3	1243	1241	1239	1237	1235	1233	1230	1228	1226	1224	4.3
4.4	1222	1220	1218	1216	1214	1212	1210	1208	1206	1204	4.4
4.5	1202	1200	1198	1196	1194	1192	1189	1187	1185	1183	4.5
	0	1	2	3	4	5	6	7	8	9	

TABLE 201 (CONT) PAGE 2 OF 3 PAGES

FBRD	0	1	2	3	4	5	6	7	8	9	FBRD
4.6	1181	1179	1177	1175	1173	1171	1168	1166	1164	1162	4.6
4.7	1160	1158	1156	1154	1152	1150	1147	1145	1143	1141	4.7
4.8	1139	1137	1135	1133	1131	1129	1127	1125	1123	1121	4.8
4.9	1119	1117	1115	1113	1111	1109	1106	1104	1102	1100	4.9
5.0	1098	1096	1094	1092	1090	1088	1085	1083	1081	1079	5.0
	0	1	2	3	4	5	6	7	8	9	
5.1	1077	1075	1073	1071	1069	1067	1065	1063	1061	1059	5.1
5.2	1057	1055	1053	1051	1049	1047	1044	1042	1040	1038	5.2
5.3	1036	1034	1032	1030	1028	1026	1024	1022	1020	1018	5.3
5.4	1016	1014	1012	1010	1008	1006	1003	1001	999	997	5.4
5.5	995	993	991	989	987	985	982	980	978	976	5.5
5.6	974	972	970	968	966	964	962	960	958	956	5.6
5.7	954	952	950	948	946	944	941	939	937	935	5.7
5.8	933	931	929	927	925	923	921	919	917	915	5.8
5.9	913	911	909	907	905	903	900	898	896	894	5.9
6.0	892	890	888	886	884	882	880	878	876	874	6.0
	0	1	2	3	4	5	6	7	8	9	
6.1	872	870	868	866	864	862	860	858	856	854	6.1
6.2	852	850	848	846	844	842	839	837	835	833	6.2
6.3	831	829	827	825	823	821	819	817	815	813	6.3
6.4	811	809	807	805	803	801	798	796	794	792	6.4
6.5	790	788	786	784	782	780	778	776	774	772	6.5
6.6	770	768	766	764	762	760	758	756	754	752	6.6
6.7	750	748	746	744	742	740	737	735	733	731	6.7
6.8	729	727	725	723	721	719	717	715	713	711	6.8
6.9	709	707	705	703	701	699	697	695	693	691	6.9
7.0	689	687	685	683	681	679	677	675	673	671	7.0
	0	1	2	3	4	5	6	7	8	9	
7.1	669	667	665	663	661	659	656	654	652	650	7.1
7.2	648	646	644	642	640	638	636	634	632	630	7.2
7.3	628	626	624	622	620	618	616	614	612	610	7.3
7.4	608	606	604	602	600	598	596	594	592	590	7.4
7.5	588	586	584	582	580	578	576	574	572	570	7.5
7.6	568	566	564	562	560	558	556	554	552	550	7.6
7.7	548	546	544	542	540	538	536	534	532	530	7.7
7.8	528	526	524	522	520	518	516	514	512	510	7.8
7.9	508	506	504	502	500	498	496	494	492	490	7.9
8.0	488	486	484	482	480	478	476	474	472	470	8.0
	0	1	2	3	4	5	6	7	8	9	
8.1	468	466	464	462	460	458	456	454	452	450	8.1
8.2	448	446	444	442	440	438	436	434	432	430	8.2
8.3	428	426	424	422	420	418	416	414	412	410	8.3
8.4	408	406	404	402	400	398	396	394	392	390	8.4
8.5	388	386	384	382	380	378	376	374	372	370	8.5
8.6	368	366	364	362	360	359	357	355	353	351	8.6
8.7	349	347	345	343	341	339	337	335	333	331	8.7
8.8	329	327	325	323	321	319	317	315	313	311	8.8
8.9	309	307	305	303	301	299	297	295	293	291	8.9
9.0	289	287	285	283	281	280	278	276	274	272	9.0
	0	1	2	3	4	5	6	7	8	9	

TABLE 201 (CONT)

END OF TABLE 201
195.0' X 35.0' X 10.50'

FBRD	0	1	2	3	4	5	6	7	8	9	FBRD
0.0	2155	2152	2150	2148	2146	2144	2142	2140	2138	2135	0.0
0.1	2133	2131	2129	2127	2125	2123	2121	2118	2116	2114	0.1
0.2	2112	2110	2108	2106	2103	2101	2099	2097	2095	2093	0.2
0.3	2091	2089	2086	2084	2082	2080	2078	2076	2074	2072	0.3
0.4	2069	2067	2065	2063	2061	2059	2057	2054	2052	2050	0.4
0.5	2048	2046	2044	2042	2040	2037	2035	2033	2031	2029	0.5
0.6	2027	2025	2023	2020	2018	2016	2014	2012	2010	2008	0.6
0.7	2006	2003	2001	1999	1997	1995	1993	1991	1988	1986	0.7
0.8	1984	1982	1980	1978	1976	1974	1971	1969	1967	1965	0.8
0.9	1963	1961	1959	1957	1954	1952	1950	1948	1946	1944	0.9
1.0	1942	1940	1937	1935	1933	1931	1929	1927	1925	1922	1.0
	0	1	2	3	4	5	6	7	8	9	
1.1	1920	1918	1916	1914	1912	1910	1908	1905	1903	1901	1.1
1.2	1899	1897	1895	1893	1891	1888	1886	1884	1882	1880	1.2
1.3	1878	1876	1873	1871	1869	1867	1865	1863	1861	1859	1.3
1.4	1856	1854	1852	1850	1848	1846	1844	1842	1839	1837	1.4
1.5	1835	1833	1831	1829	1827	1825	1822	1820	1818	1816	1.5
1.6	1814	1812	1810	1808	1805	1803	1801	1799	1797	1795	1.6
1.7	1793	1791	1788	1786	1784	1782	1780	1778	1776	1774	1.7
1.8	1771	1769	1767	1765	1763	1761	1759	1757	1754	1752	1.8
1.9	1750	1748	1746	1744	1742	1740	1737	1735	1733	1731	1.9
2.0	1729	1727	1725	1723	1720	1718	1716	1714	1712	1710	2.0
	0	1	2	3	4	5	6	7	8	9	
2.1	1708	1706	1704	1701	1699	1697	1695	1693	1691	1689	2.1
2.2	1687	1684	1682	1680	1678	1676	1674	1672	1670	1668	2.2
2.3	1665	1663	1661	1659	1657	1655	1653	1651	1649	1646	2.3
2.4	1644	1642	1640	1638	1636	1634	1632	1629	1627	1625	2.4
2.5	1623	1621	1619	1617	1615	1613	1610	1608	1606	1604	2.5
2.6	1602	1600	1598	1596	1594	1591	1589	1587	1585	1583	2.6
2.7	1581	1579	1577	1575	1573	1570	1568	1566	1564	1562	2.7
2.8	1560	1558	1556	1554	1551	1549	1547	1545	1543	1541	2.8
2.9	1539	1537	1535	1532	1530	1528	1526	1524	1522	1520	2.9
3.0	1518	1516	1514	1511	1509	1507	1505	1503	1501	1499	3.0
	0	1	2	3	4	5	6	7	8	9	
3.1	1497	1495	1492	1490	1488	1486	1484	1482	1480	1478	3.1
3.2	1476	1474	1471	1469	1467	1465	1463	1461	1459	1457	3.2
3.3	1455	1453	1450	1448	1446	1444	1442	1440	1438	1436	3.3
3.4	1434	1432	1429	1427	1425	1423	1421	1419	1417	1415	3.4
3.5	1413	1411	1409	1406	1404	1402	1400	1398	1396	1394	3.5
3.6	1392	1390	1388	1385	1383	1381	1379	1377	1375	1373	3.6
3.7	1371	1369	1367	1365	1362	1360	1358	1356	1354	1352	3.7
3.8	1350	1348	1346	1344	1342	1339	1337	1335	1333	1331	3.8
3.9	1329	1327	1325	1323	1321	1319	1316	1314	1312	1310	3.9
4.0	1308	1306	1304	1302	1300	1298	1296	1293	1291	1289	4.0
	0	1	2	3	4	5	6	7	8	9	
4.1	1287	1285	1283	1281	1279	1277	1275	1273	1271	1268	4.1
4.2	1266	1264	1262	1260	1258	1256	1254	1252	1250	1248	4.2
4.3	1246	1243	1241	1239	1237	1235	1233	1231	1229	1227	4.3
4.4	1225	1223	1221	1218	1216	1214	1212	1210	1208	1206	4.4
4.5	1204	1202	1200	1198	1196	1193	1191	1189	1187	1185	4.5
	0	1	2	3	4	5	6	7	8	9	

FBRD	0	1	2	3	4	5	6	7	8	9	FBRD
4.6	1183	1181	1179	1177	1175	1173	1171	1169	1166	1164	4.6
4.7	1162	1160	1158	1156	1154	1152	1150	1148	1146	1144	4.7
4.8	1142	1139	1137	1135	1133	1131	1129	1127	1125	1123	4.8
4.9	1121	1119	1117	1115	1113	1110	1108	1106	1104	1102	4.9
5.0	1100	1098	1096	1094	1092	1090	1088	1086	1084	1081	5.0
	0	1	2	3	4	5	6	7	8	9	
5.1	1079	1077	1075	1073	1071	1069	1067	1065	1063	1061	5.1
5.2	1059	1057	1055	1053	1050	1048	1046	1044	1042	1040	5.2
5.3	1038	1036	1034	1032	1030	1028	1026	1024	1022	1019	5.3
5.4	1017	1015	1013	1011	1009	1007	1005	1003	1001	999	5.4
5.5	997	995	993	991	989	986	984	982	980	978	5.5
5.6	976	974	972	970	968	966	964	962	960	958	5.6
5.7	956	954	951	949	947	945	943	941	939	937	5.7
5.8	935	933	931	929	927	925	923	921	919	917	5.8
5.9	914	912	910	908	906	904	902	900	898	896	5.9
6.0	894	892	890	888	886	884	882	880	878	876	6.0
	0	1	2	3	4	5	6	7	8	9	
6.1	873	871	869	867	865	863	861	859	857	855	6.1
6.2	853	851	849	847	845	843	841	839	837	835	6.2
6.3	833	830	828	826	824	822	820	818	816	814	6.3
6.4	812	810	808	806	804	802	800	798	796	794	6.4
6.5	792	790	788	786	783	781	779	777	775	773	6.5
6.6	771	769	767	765	763	761	759	757	755	753	6.6
6.7	751	749	747	745	743	741	739	737	735	733	6.7
6.8	731	729	726	724	722	720	718	716	714	712	6.8
6.9	710	708	706	704	702	700	698	696	694	692	6.9
7.0	690	688	686	684	682	680	678	676	674	672	7.0
	0	1	2	3	4	5	6	7	8	9	
7.1	670	668	666	664	662	660	657	655	653	651	7.1
7.2	649	647	645	643	641	639	637	635	633	631	7.2
7.3	629	627	625	623	621	619	617	615	613	611	7.3
7.4	609	607	605	603	601	599	597	595	593	591	7.4
7.5	589	587	585	583	581	579	577	575	573	571	7.5
7.6	569	567	565	563	561	559	557	555	553	551	7.6
7.7	549	546	544	542	540	538	536	534	532	530	7.7
7.8	528	526	524	522	520	518	516	514	512	510	7.8
7.9	508	506	504	502	500	498	496	494	492	490	7.9
8.0	488	486	484	482	480	478	476	474	472	470	8.0
	0	1	2	3	4	5	6	7	8	9	
8.1	468	466	464	462	460	458	456	454	452	450	8.1
8.2	448	446	444	442	440	438	436	434	432	430	8.2
8.3	428	426	424	422	420	418	416	414	412	410	8.3
8.4	408	406	404	402	400	398	397	395	393	391	8.4
8.5	389	387	385	383	381	379	377	375	373	371	8.5
8.6	369	367	365	363	361	359	357	355	353	351	8.6
8.7	349	347	345	343	341	339	337	335	333	331	8.7
8.8	329	327	325	323	321	319	317	315	313	311	8.8
8.9	309	307	305	303	301	299	298	296	294	292	8.9
9.0	290	288	286	284	282	280	278	276	274	272	9.0
	0	1	2	3	4	5	6	7	8	9	

TABLE 243 (CON'T)

FBRD	0	1	2	3	4	5	6	7	8	9	FBRD
9.1	270	268	266	264	262	260	258	256	254	252	9.1
9.2	250	248	246	244	242	241	239	237	235	233	9.2
9.3	231	229	227	225	223	221	219	217	215	213	9.3
9.4	211	209	207	205	203	201	199	198	196	194	9.4
9.5	192	190	188	186	184	182	180	178	176	174	9.5
9.6	172	170	168	166	164	162	161	159	157	155	9.6
9.7	153	151	149	147	145	143	141	139	137	135	9.7
9.8	133	132	130	128	126	124	122	120	118	116	9.8
9.9	114	112	110	108	106	105	103	101	99	97	9.9
10.0	95	93	91	89	87	85	83	81	80	78	10.0
	0	1	2	3	4	5	6	7	8	9	
10.1	76	74	72	70	68	66	64	62	60	59	10.1
10.2	57	55	53	51	49	47	45	43	41	40	10.2
10.3	38	36	34	32	30	28	26	24	23	21	10.3
10.4	19	17	15	13	11	9	7	6	4	2	10.4
10.5	0	0	0	0	0	0	0	0	0	0	10.5
	0	1	2	3	4	5	6	7	8	9	

195' X 35' X 10.5'

END OF TABLE 243

SEMI-RAIL



Willacoochee Industrial Fabrics, Inc.

Manufacturer of Woven Polypropylene Fabrics

P.O. Box 599 • 769 West Main Street

Willacoochee, Georgia 31650

Office: (912) 534-5757

Fax: (912) 534-5533

November 20, 2012

Industrial Fabrics
510 Oneal Ln
Baton Rouge, LA 70343

Re: WINfab 4X4HF

Contractor: Southern Delta Construction, LLC.

PO Box 309

Bourg, LA 70343

Project: Brady Canal Hydrologic Restoration 2012 Maintenance
Terrebonne Parish, LA

Dear Sir/Madam:

This is to certify that WINfab 4X4HF is a made in the USA high quality 100% polypropylene geotextile supplied by Willacoochee Industrial Fabrics, Inc., Willacoochee, GA. Stable within a pH range of 2 to 13, the yarns are woven to form a high strength dimensionally stable fabric. This fabric resists ultraviolet deterioration, rotting and biological degradation and it is inert to commonly encountered soil chemicals. It meets or exceeds following physical properties:

PROPERTY	TEST METHOD	MARV ENGLISH	MARV METRIC
Tensile Strength (Grab)	ASTM D-4632	475 x 440 lbs	2113 x 1957 N
Elongation	ASTM D-4632	12 x 6%	12 x 6%
Wide Width Tensile	ASTM D-4595	4800 x 4800 lbs/ft	70 x 70 kN/m
Wide Width Elongation	ASTM D-4595	9 x 9%	9 x 9%
Wide Width Tensile Strength at 5% Strain	ASTM D-4595	2400 x 2700 lbs/ft	35 x 39.4 kN/m
Puncture	ASTM D-4833	200 lbs	890 N
Mullen Burst	ASTM D-3786	1200 psi	8270 kPa
Trapezoidal Tear	ASTM D-4533	220 x 220 lbs	978.6 x 978.6 N
UV Resistance (at 500 hrs)	ASTM D-4355	80%	80%
Apparent Opening Size (AOS)*	ASTM D-4751	30 US Std. Sieve	0.60 mm
Permittivity	ASTM D-4491	.40 sec ⁻¹	.40 sec ⁻¹
Water Flow Rate	ASTM D-4491	40 gpm/ft ²	1630 l/min/m ²

*Maximum average roll value.

Sincerely,

Jason Booth
Quality Control Manager



December 10, 2012

Mail To:

Attn: Wade Mire
Industrial Fabrics, Inc.
510 O'Neal Lane
Baton Rouge, LA 70819

Bill To:

<= Same

email: wmire@ind-fab.com
cc email: msutherland@ind-fab.com

Dear Mr. Mire:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs. TRI is pleased to submit this final report for laboratory testing.

Project: Southern Delta Construction, LLC
Brady Canal Hydrologic Restoration 2012 Maintenance , Terrebonne Parish, L A.

TRI Job Reference Number: E2375-01-05

Material(s) Tested: 1, Winfab 4x4HF Woven Geotextile Double Stitch "J" Seam

Test(s) Requested: Seam Strength (ASTM D 4884)

If you have any questions or require any additional information, please call us at 1-800-880-8378.

Sincerely,

Mansukh Patel
Sr. Laboratory Coordinator
Geosynthetic Services Division
www.GeosyntheticTesting.com

cc: Sam R. Allen, Vice President and Division Manager



DESTRUCTIVE SEAM QUALITY ASSURANCE TEST RESULTS

TRI Client: Industrial Fabrics, Inc.

Project: Southern Delta Construction, LLC

Brady Canal Hydrologic Restoration 2012 Maintenance , Terrebonne Parish, L A.

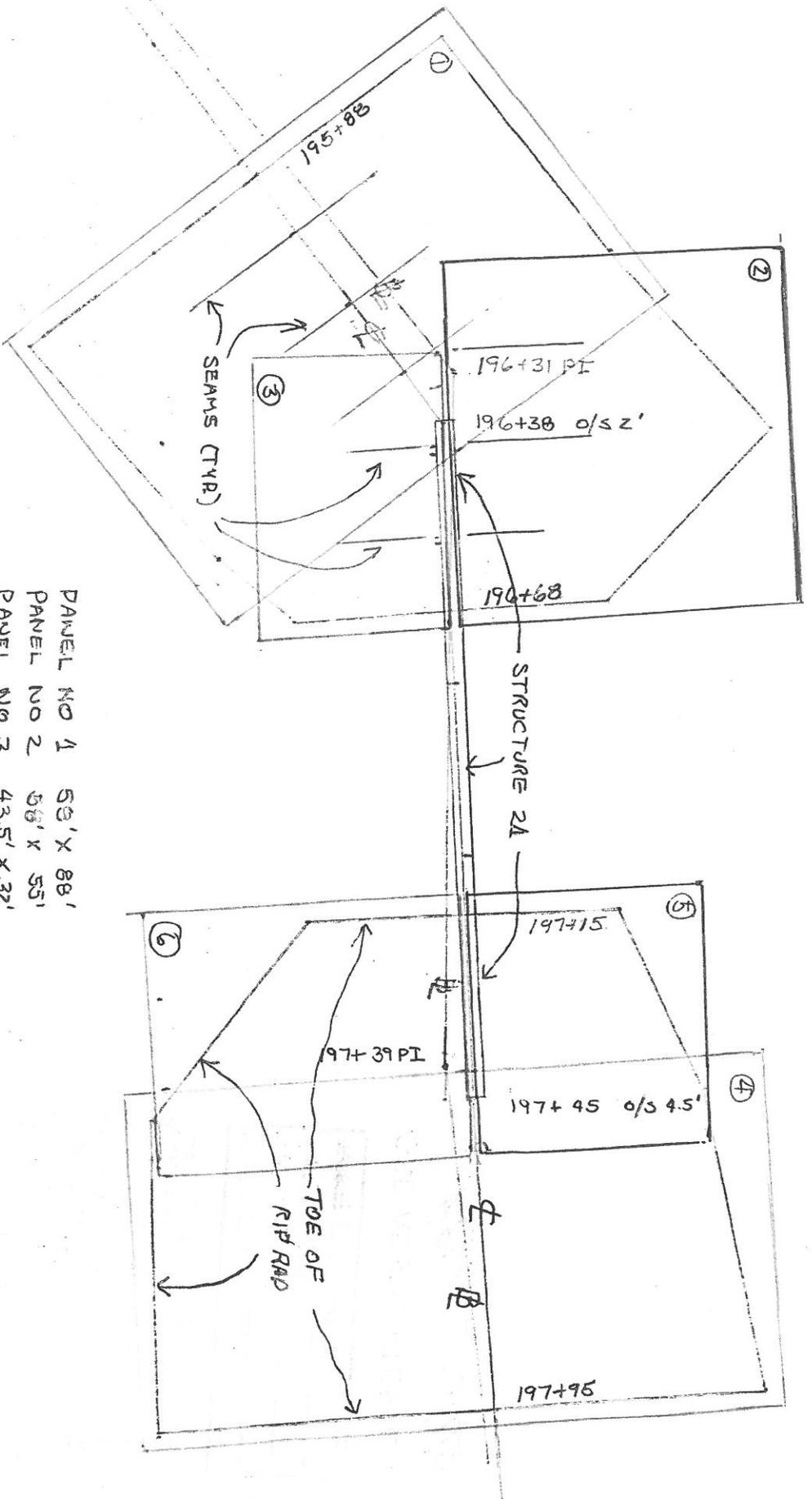
Material: Winfab 4x4HF Woven Geotextile Double Stitch "J" Seam

Seam Strength (ASTM D 4884)

TRI Log #: E2372-28-02

PARAMETER	TEST REPLICATE NUMBER						MEAN	PROJ. SPEC.
	1	2	3	4	5	6		
Sample ID:	Double Stitch							
Seam Type:	"J" Type							
Stitches per Inch:	3.37							
# Stitched Rows:	2							
Maximum Load (lbs)	2339	2360	2541	2431	2438	2642	2459	2400 min
Maximum Load (lb/ft)	3509	3540	3812	3647	3657	3963	3688	
Maximum Load (kN/m)	51.2	51.7	55.6	53.2	53.4	57.9	53.8	
Type of Failure	1	1	1	1	1	1		
1	Material Failure							
2	Stitch Failure							
3	Material Pull Out from Stitches then Material Failure							

The testing is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samples other than those tested. TRI neither accepts responsibility for nor makes claim as to the final use and purpose of the material. TRI observes and maintains client confidentiality. TRI limits reproduction of this report, except in full, without prior approval of TRI.



PANEL NO 1	53' X 88'
PANEL NO 2	58' X 55'
PANEL NO 3	43.5' X 32'
PANEL NO 4	58' X 102'
PANEL NO 5	43.5' X 38'
PANEL NO 6	43.5' X 57'

NOTES: ALL PANELS EXTEND 3' BEYOND TOE.
 ALL OVERLAPS ARE MINIMUM OF 5'.
 FABRIC IS 15' WIDE. PANELS ARE SEW
 PERPENDICULAR TO @ 4.5' SPACING.

BRADY CANAL
 STRUCTURE 21
 GEOTEXTILE LAYOUT

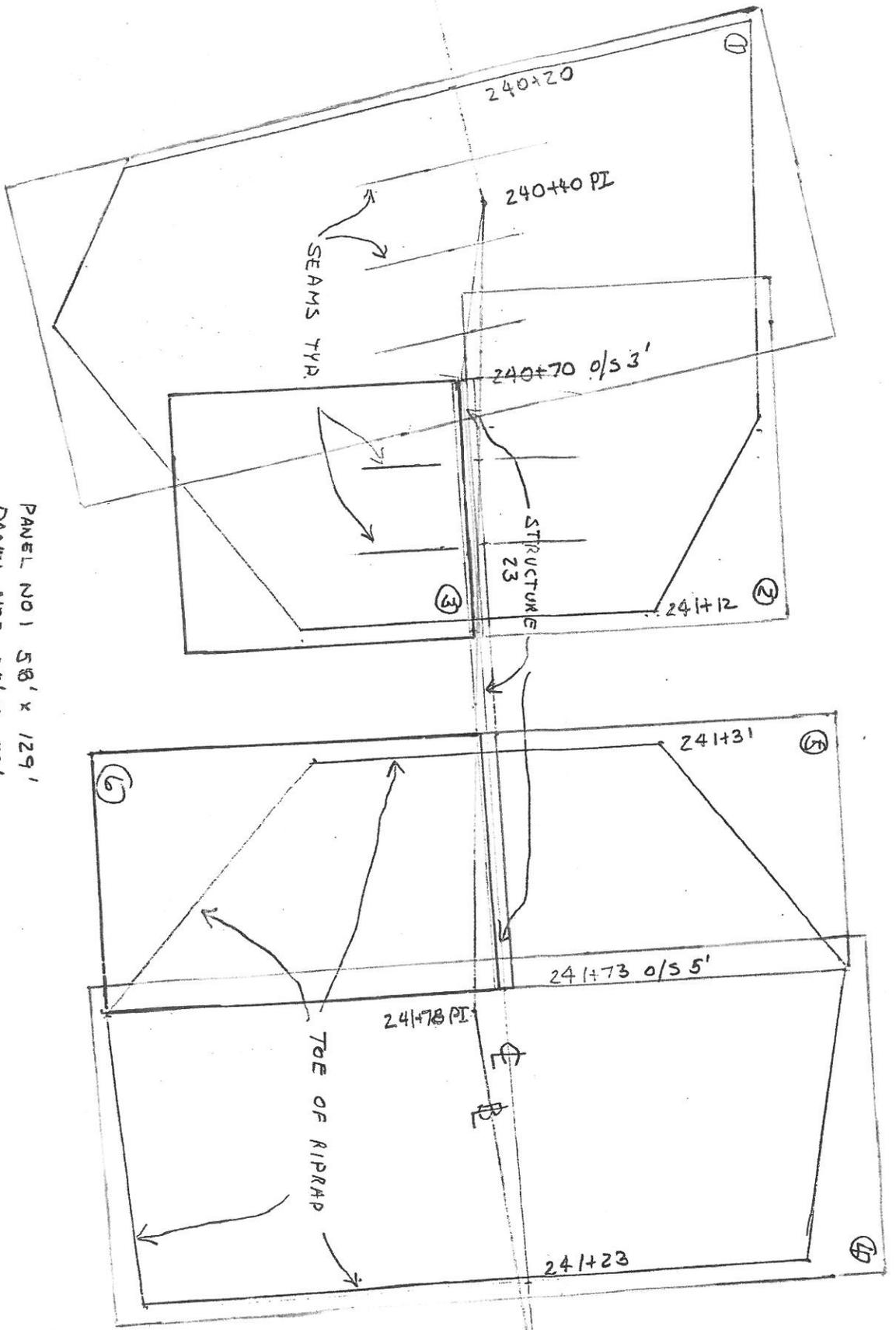
1" = 25'

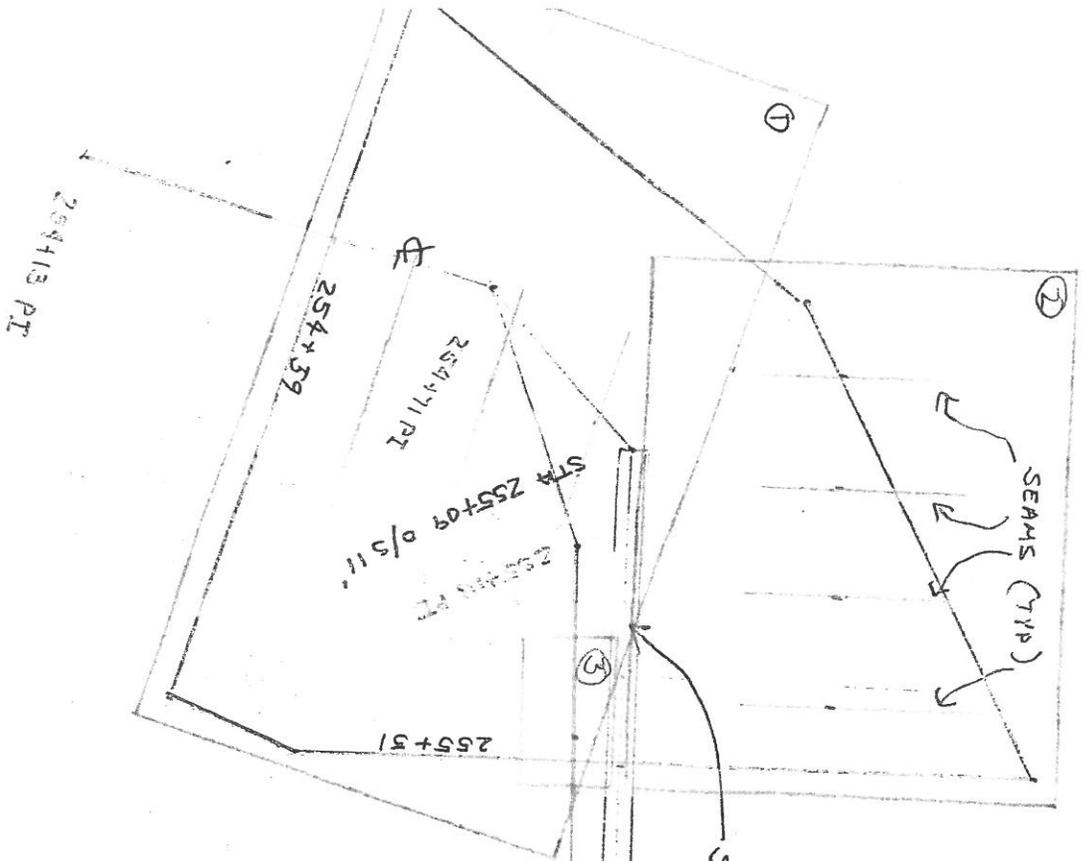
NOTES: ALL PANEL EXTEND 1' TO 3' BEYOND TOE,
 ALL OVERLAPS ARE MINIMUM OF 5'.
 FABRIC IS 15' WIDE. PANELS ARE
 SEWN PERPENDICULAR TO &
 @ 14.5' SPACING.

PANEL NO 1 58' x 129'
 PANEL NO 2 58' x 52'
 PANEL NO 3 43.5' x 49'
 PANEL NO 4 58' x 130'
 PANEL NO 5 43.5' x 59'
 PANEL NO 6 43.5' x 72'

BRADY CANAL
 STRUCTURE 23
 GEOTEXTILE LAYOUT

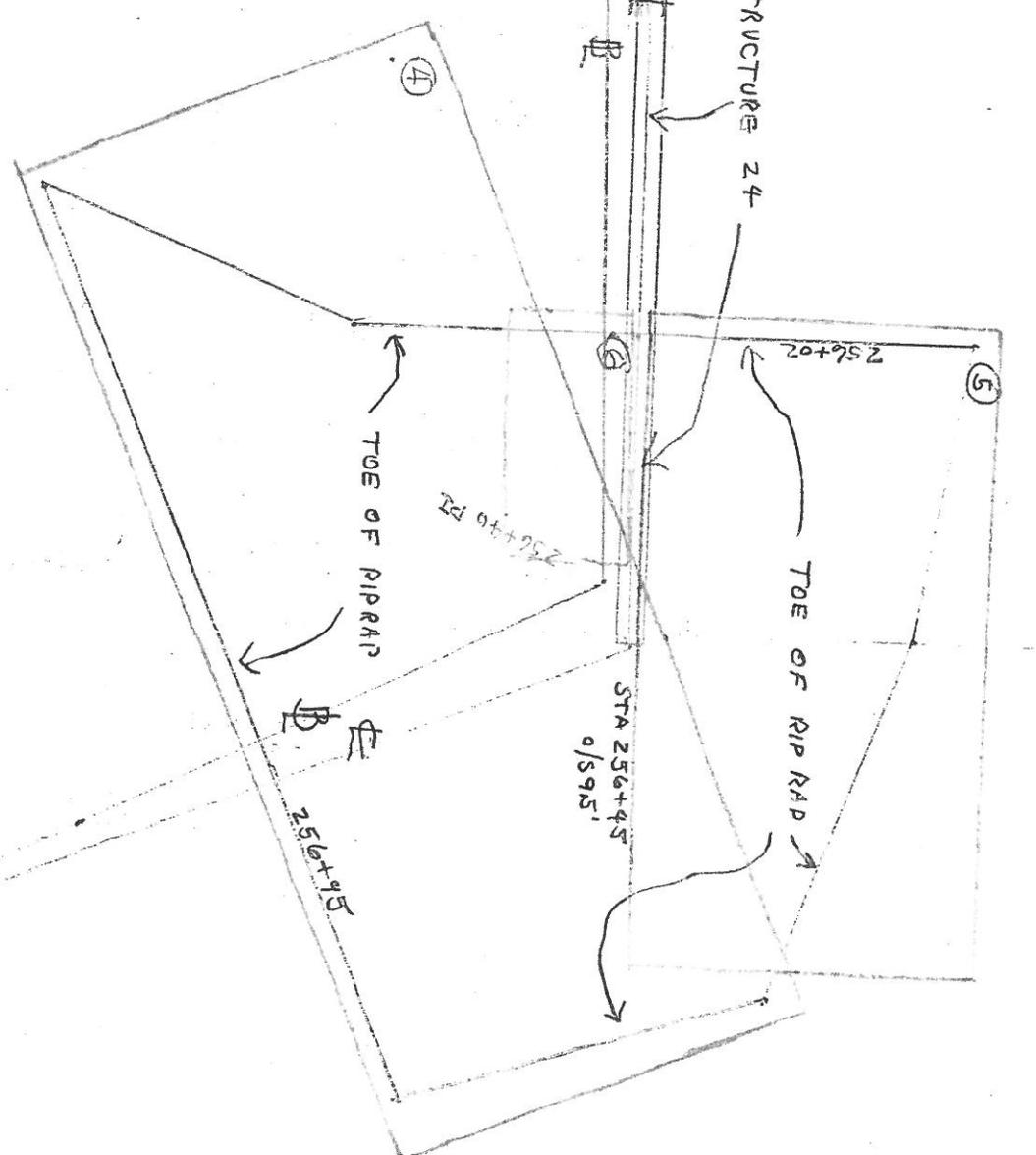
1" = 25'





- PANEL NO 1 58' X 105'
- PANEL NO 2 72.5' X 57'
- PANEL NO 3 15' X 20'
- PANEL NO 4 58' X 142'
- PANEL NO 5 87' X 47'
- PANEL NO 6 15' X 35'

NOTES: ALL PANELS EXTEND 3' BEYOND TOE
 ALL OVERLAPS ARE MINIMUM 5'
 FABRIC IS 15' WIDE. PANELS ARE SEWN
 PERPENDICULAR TO @ @ 14.5' SPACING



BRADY CAVIAL
 STRUCTURE 24
 GEOTEXTILE LAYOUT

1" = 25'



PROVIDENCE/GSE
GSE ASSOCIATES, LLC

LETTER OF TRANSMITTAL

TO: Southern Delta Construction, LLC
P. O. Box 309
Bourg, Louisiana 70343

Date:	December 4, 2012	Job No.	621-006-GSE
Attn:	Mr. Michael Mayeux		
Re:	DNR Contract No. 2503-12-23		
	Brady Canal Hydrologic Restoration Project (TE-28)		
	2012 Maintenance Project		
	Terrebonne Parish, Louisiana		

WE ARE SENDING YOU ATTACHED UNDER SEPARATE COVER VIA _____ THE FOLLOWING ITEMS:

NO. COPIES	DRWG. NO.	DESCRIPTION	ACTION																	
2		Material Certification All-Trend Rebar	✓																	
2		Material Certification Hex Nuts 3/4" (#6)	✓																	

REMARKS:
Should you have any questions or require additional information, please contact me at 991 Grand Caillou Road, Houma, Louisiana, 70363, phone number (985) 876-6380, fax number (985) 876-0621.

SIGNED: 
Richard L. Lottinger

If enclosures are not as noted, kindly notify us at once.

No Exceptions Taken	Make Corrections Noted	Revise - Resubmit	Rejected	See Remarks	For Your Use	As Requested	For Review & Comment	For Approval	For Your Files

COPIES TO:
Mr. Adam Ledet, OCPR
w/attachment



November 8, 2012

Rods & Nuts + U-bolts washer
Cable, clips, Piling

CERTIFICATE OF CONFORMANCE

Frisco Construction
12th W. Woodlawn Ranch Road
Houma, LA 70363

PO# Verbal

This is to certify that the material supplied on the above referenced purchase order meets the requirements of the specifications as stated. We further certify that all work performed was done in accordance with Williams Form Engineering Corporation manufacturing standards.

DESCRIPTION OF MATERIAL

Bar: 3/4" (#6) Grade 75 All-Thread Rebar
Conforms to ASTM A615
Heat # DL1110111702

Hex Nuts: Hex Nuts for 3/4" (#6) GR 75 ATR
Conforms to ASTM A29
Heat # 293879 Ltr Code 6G1D

REVIEWED FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS

NO RESPONSIBILITY IS ASSUMED FOR QUANTITIES OR FOR CORRECTNESS OF DIMENSIONS OR DETAILS.

THIS REVIEW IS SUBJECT TO ALL TERMS AND CONDITIONS OF THE CONTRACT DOCUMENTS WITH SPECIAL REFERENCE TO WARRANTY REQUIREMENTS CONTAINED THEREIN. THE CONTRACTOR SHALL OBTAIN A CERTIFICATION FROM ALL SUPPLIERS AND/OR SUBCONTRACTORS THAT THEY ARE AWARE OF AND ARE ABIDING BY WARRANTY REQUIREMENTS OF THE CONTRACT DOCUMENTS.

Rich Timmer
Eastern U.S. Quality Manager

NO EXCEPTIONS TAKEN	<input checked="" type="checkbox"/>
MAKE CORRECTIONS NOTED	_____
REVISE & RESUBMIT	_____
REJECTED, SEE REMARKS	_____

GSE ASSOCIATES, LLC

BY REW DATE 12/4/12



QUOTATION

Quotation Number
31-12-638R

Thu 11/01/2012	
Wade Frisco Construction 128 W. Woodlawn Ranch Rd. Houma, Louisiana 70363 Phone: 985-876-3807 Fax:	Chris Morrow Technical Representative Williams Form Engineering Corp. 2600 Vulcan Road Lithia Springs, GA 30122 Phone: 770-949-8300 Fax: 770-949-2377

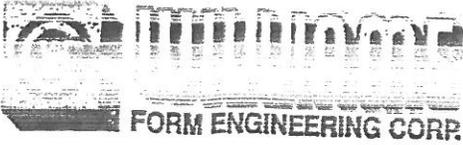
RE: #6 Grade 75 Alternative

As per your request, we are pleased to quote the following quality Williams material .

Part Number	Description	Weight	Qty	Price
R61-06-03600-GA	*Exceeds Grade 60 requirement R61 - Gr 75 All-Thread Rebar # 6 x 3'0" Left Hand Thread Galvanized. . .	27.0	6	\$12.00 Each
R63-06	R63 - Hex Nut for Grade 75 All-Thread Rebar # 6 LeftHand *Plain	4.4	12	\$3.96 Each
GALV	GALV - Lump Sum Galvanizing Charge (ASTM A-153)[This charge must be added to quote total, and is based on quantities listed for items to be galvanized.		1	\$300.00 Each
Total Weight:		31.4	Total Price: \$419.52	

Availability:	2 Weeks, Delivery subject to availability of material at time of order. Actual shipping dates can be determined upon receipt of purchase order.
F.O.B.:	Jobsite
Terms:	Net 30 days, no retainage percentage
Certification:	\$50.00 per order, must be requested when placing order.
Testing	Any cost of independent testing will be the responsibility of purchaser.
New Accounts:	Credit information must be provided when placing orders. Above prices are guaranteed for 30 days. Taxes not included. It is the purchasers responsibility to verify the material description and quantities on quotation meet project specifications.

All Quotes subject to the attached terms and conditions



11/05/2012 13:30:33

WILLIAMS FORM ENGR CORP.

CLE

Page: 1

2600 VULCAN DRIVE
LITHIA SPRINGS, GA 30122



11/05/2012
13:30:33

Sold To
VISA/MC
"CHARGE CARD ACCT"

Ship To
FRISCO CONSTRUCTION
128 W WOODLAWN RANCH ROAD
WADE (985) 876-3807
HOUMA, LA 70363
Contact:

Carrier: BESTWAY	Order#: 1-CO 199584	Cust.PO#: Verbal	
Instructions: PPD-BESTWAY/SHIPPOINT	Cust#: 12150000	Request: 11/06/12	Schedule: 11/06/12
Part	Description	Quantity Ordered	Quantity Shipped

Warehouse: 2
Down: 1

Line#: 300 Ship Date: 11/06/12
GALV. (Add Galvanizing Charge (ASTM A-153) | This charge must be added to quote total, and is based on quantities listed for items to be galvanized.

Wind Bdl#	Control#	Heat#	Quantity
	430249		1.000
	<u>Total Shipped</u> =====>		<u>1.000</u>

R610603600GA GR 75 ATB #6 X 3'0" GA
Line#: 100 Ship Date: 11/06/12 6 EA
HT# "GALVANIZED" *Exceeds Grade 60 requirement R61 - Gr 75 All-Thread Rebar # 6 x 3'0" Left Hand Thread Galvanized. . .

Wind Bdl#	Control#	Heat#	Quantity
	430032	DL11101117	6.000
	<u>Total Shipped</u> =====>		<u>6.000</u>

R6306GA GR 75 ATB HEX NUT #6 GALV
Line#: 400 Ship Date: 11/06/12 12 EA
"GALVANIZED" HEAT#

Wind Bdl#	Control#	Heat#	Quantity
	430695	293879 6G1D	12.000
	<u>Total Shipped</u> =====>		<u>12.000</u>

NUCOR

NUCOR CORPORATION
NUCOR STEEL SOUTH CAROLINA

Mill Certification
7/27/2011

300 Steel Mill Road
DARLINGTON, SC 29540
(843) 393-5841
Fax: (843) 395-8701

Sold To: WILLIAMS FORM ENGINEERING CORP
8165 GRAPHIC DR NE
BELMONT, MI 49306
(616) 866-0815
Fax: (616) 866-1810

Ship To: WILLIAMS FORM ENGINEERING CORP
2600 VULCAN DR
LITHIA SPRINGS, GA 30122
(770) 949-8300
Fax: (616) 866-1810

Customer P.O.	19371	Sales Order	132975.7
Product Group	Merchant Bar Quality	Part Number	300007506005200
Grade	ASTM A615/A615M-09b GR 75[520] AASHTO M31-07	Lot ID	DL11101117
Size	3/4" (.7500) Round	Heat ID	DL1110111702
Product	3/4" (.7500) Round 50' A615G75	B.L. Number	C1-558723
Description	G75 - ASTM A615-96	Load Number	C1-242996
Customer Spec		Customer Part #	

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed above and that it satisfies those requirements.

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CEA706
0.40%	1.12%	0.011%	0.034%	0.16%	0.21%	0.07%	0.11%	0.020%	0.044%	0.004%	0.60%

CEA706: A706 CARBON EQUIVALENT

Yield 1: 87,000psi (600MPa)

Tensile 1: 123000psi (848MPa)

Elongation: 12% in 8" (% in 203.3mm)

Bend OK

1. WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
2. MELTED AND MANUFACTURED IN THE USA
3. MERCURY, RADIUM, OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WFEC SIZE
DESIGNATION # 6

Williams Form Engineering Corp.
this Quality Assurance document has been
received and deemed acceptable as noted:

by: [Signature] on 7/11
Quality Assurance Mgr (date)

checked by: _____

[Signature]

James H. Blew
Division Metallurgist

Eaton Steel Bar Company Inspection Certificate 1311646

EN 10204:2004-3.1

651D

Customer	WILLIAMS FORM ENGINEERING CORP	SOL	122152	Ship Date	29-Jun-2012	Customer PO	19467	Item	43446 rev 002	Customer Item		Item Description	1-1/4 CD HX 1215 12II CGP MT
----------	--------------------------------	-----	--------	-----------	-------------	-------------	-------	------	---------------	---------------	--	------------------	------------------------------

All bundles listed below were produced using steel from Heat 233673 issued by MITRAL STEEL USA and were completed from Eaton Steel Lab 729665.

Chemistry	Description	Value	Units
C	Carbon	0.09000	PKGT
Mn	Manganese	1.01000	PKGT
P	Phosphorus	0.06000	PKGT
S	Sulfur	0.11000	PKGT
Si	Silicon	0.00300	PKGT
Ni	Nickel	0.09000	PKGT
Cr	Chromium	0.08000	PKGT
Mo	Molybdenum	0.02000	PKGT
Al	Aluminum	0.00400	PKGT
Cu	Copper	0.24000	PKGT
V	Vanadium	0.00400	PKGT
Co	Cobalt	0.00400	PKGT
N	Nitrogen	0.01000	PKGT
Geometry	Description	Value	Units
DIAMETER	Diameter	1.3470 - 1.2506	IN
BUNDLE VARIATION	Mean Within Bundle Variation	0 - 2	IN
LENGTH SCRAMBLE	Length for Scramble Line	144.0000 - 145.0000	IN
LENGTH HEAD	Length for Head Line	140.0000 - 148.0000	IN
CP STRAIGHT	Cold Finished Deflection in 10ft.	0.0000 - 0.1250	IN
Cold Working	Description	Value	Units
SEAM DEPTH	Allowable Seam Depth	0.0000 - 0.0100	IN
WELD END	Weld End Acceptable	CONFORMS	
Hot Processing	Description	Value	Units
HEAT COUNTRY	Melted in Country	USA	
ROLED COUNTRY	Rollled in Country	USA	
ASTM Standard	Description	Value	Units
A29/A29M-99	Steel Bars, Carbon & Alloy, HR & CP	CONFORMS	
A108-07	Steel Bars, CP Carbon & Alloy	CONFORMS	
Tag Number	Weight Units	Length	
001-1041337	4030 LBS	122E	
001-1041343	4062 LBS	122E	
001-1041367	4062 LBS	122E	
001-1041390	4062 LBS	122E	
001-1041394	4060 LBS	122E	

Williams Form Engineering Corp.
 This Company Assurance document has been
 reviewed and deemed acceptable as noted.

by: *[Signature]* on 9/12
 Quality Assurance Mgr (date)
 checked by: _____

Bundle tags with Eaton Steel identify reference the steel grade, heat, purchase order number, part number, product description and weight. Tagged and certified in accordance with Eaton Steel's Quality Manual dated 29-JUN-2006.
 We hereby certify the above to be in conformance, and a true copy of data represented in company records. This steel was not subject to weld repair or exposed to mercury while in the possession of Eaton Steel.
 Created on 29-Jun-2012
 Thomas Straber, Corporate Metallurgist
 The document was prepared in terms of Freedom of Information Act
 can processing and is void without signature
 10221 Capital Avenue, Oak Park, MI 48237 USA
 http://www.eatonsteel.com
 Tel: 248-398-3434
 Fax: 248-398-1434

Material Certification Report 359875

Chemistry	Description	Value	Units
C	Carbon	0.09000	PMGT
Mn	Manganese	1.01000	PMGT
P	Phosphorus	0.06000	PMGT
S	Sulfur	0.31000	PMGT
Si	Silicon	0.00300	PMGT
Ni	Nickel	0.09000	PMGT
Cr	Chromium	0.08000	PMGT
Mo	Molybdenum	0.02000	PMGT
Al	Aluminum	0.00400	PMGT
Cu	Copper	0.24000	PMGT
Pb	Lead	0.00800	PMGT
V	Vanadium	0.00400	PMGT
Ca	Calcium	0.00010	PMGT
N	Nitrogen	0.01000	PMGT
Sn	Tin	0.01000	PMGT
Geometry	Description	Value	Units
DIAMETER	Diameter	1.3125	IN
Cleanliness	Description	Value	Units
MACRO ETCH	Report macro etch results.	Satisfactory	.
Structure	Description	Value	Units
RPT GRAIN SIZE	Reported grain size	CG Practice	.
ASTM Standard	Description	Value	Units
A576-90b	Steel Bars, Carbon, Hot Roll SBO	CONFORMS	.
Mill Processing	Description	Value	Units
MELT COUNTRY	Melted in Country	USA	.
ROLLED COUNTRY	Rolled in Country	USA	.
RED RATIO	Reduction Ratio	32.80	RED

We hereby certify the above to be a true copy of data represented in company records. This steel was not subject to weld repair or exposed to mercury while in the possession of Eaton Steel.

Created on 7 May 2012
Thomas Steels, Corporate Referrals

EATON STEEL BAR COMPANY

QUALITY BOLT & SCREW CORP.

5264 HWY 311

HOUMA, LA. 70360

PHONE: (985) 851-5374

FAX: (985) 851-5873

DATE: 11/7/12

S
O TO: FRISCO CONSTRUCTION CO. INC
L
D

CERTIFICATE OF COMPLIANCE

THIS IS TO CERTIFY THAT THE ITEM(S) LISTED ON YOUR PURCHASE ORDER # 15558 AND OUR SALES ORDER # 594-16211 CONFORMS TO THE FOLLOWING SPECIFICATIONS.

QUANTITY	DESCRIPTION	SPEC.
12	7/8 OGEE WASHER HOT DIP GALV	

THOMAS C HICKS



KOS TECH LTD.

M2744 12-354

560, Ock-Myung, NamDaesong, Pohang, Kyungsangbuk-Do, Korea
 TEL : (054) 278-6075 FAX : (054) 278-6079
 E-mail : kosyrd@koswire.com

Inspection Certificate

DATE OF ISSUE: 2012-04-17

DESCRIPTION	STAINLESS STEEL WIRE ROPE	GRADE	AISI 316		
MILL CERT. NO.	MA1-201204R-0051	Construction	6x19+IWRC	Lay	R.R.L
P.O NO.	013233 - 2	DIAMETER	1/2 INCH		
INVOICE NO.	T120417/05 (T124085-02)	Length	5,000 FT		
CONTRACTOR	KULKONI, INC	QUANTITY	2,139.30 LBS (1 REEL)		
CUSTOMER	KULKONI, INC	Specification	FED-RR-Y-410F		

CHEMICAL COMPOSITION

Chemical Comp. (%) / Charge No.	C	Si	Mn	P	S	Ni	Cr	Mo
K06X00317	0.0590	0.3650	1.5680	0.0332	0.0040	10.7820	17.1540	2.0940

INSPECTION RESULTS

Reel No. : 1 - 1 Sampling No. : 1

Items	Specification	Actual
Dia. of Cable	0.5000 - 0.5250 INCH	0.5098 INCH
Breaking Strength	Min. 20,292.00 LBS	21,736.1 LBS
Lay Length of Cable	(6.0 - 8.0) x Dia.	6.67
Lay Length of Outside Strand	50% Max. of Cable Lay	45 %
Lay Length of Inside Strand	60% Max. of Outside Strand Lay	57 %
Preforming		Good
Stretch Limit in 24inch	1.5% Max.	Good
Proof Test	Tensile Load 16,233.6 LBS	Good
REMARKS D/A CONT. NO : K005980	REVIEWED BY: <u>OC</u> ACCEPTED: NCR NO. DATE: <u>4/19/12</u> We hereby certify that the material described herein has been made in accordance with the specification of the order.	<u>S. C. BAEK</u> SEUNG CHEUL BAEK MANAGER OF Q.C Dept.

12-354



Quality Marine

5001 Lindsay Court, Chino, CA 91710
Tel: (909)548-2884 Fax: (909)548-2894
www:qmh-inc.com

Certificate of Conformance

This document certifies that the material and information listed below conforms to the criterion listed within.

Item Number: 260S-A-13

Description: 1/2" heavy duty wire rope clip

Material: T316

Country of Origin: Taiwan

Comments: Loads which exceed the static load caused by a rapid change of movement, such as jerking, impacting or swinging of load, safe working load will not apply.

Quar Ho

Quality Control Dep.

SI Forest Products Inspection – Laboratory Analysis

Southern Inspection LLC

Telephone: 985-969-4145

INSPECTION CERTIFICATE

PO #: File number T-28-354DL

Client: Midgulf Forest Products, F-3714-12

Date: 11/8/12

FOR: La Dept of Natural Resources Coastal Projection & Restoration and Maintenance

Plant: Carpenter's Pole & Piling, Picayune, MS

*Specifications: Southern Yellow Pine Piles Kiln/Dried
ASTM D-25/AWPA C-3 CLIENT SPECS..**Required Treatment: Creosote 20.0 per cubic ft.***DESCRIPTION OF MATERIAL**

Charge No.+	Quantity	Class/Length	Cubic Ft.	Lin. Ft.
343	8	12/3/7 – 50'	243.2	400

TREATING RECORD

Temp. @ 200°	Duration	Inches/Lbs.
Fill/Vacuum	20.0 mins	60 lbs
Pressure	1.0 hr 15 mins	125 lbs
Final Vacuum	2.0 mins	27 inches

RETENTION: 22.3 lbs/cuft

Note: Brady Canal Hydrologic Restoration (TB-28) Frisco Construction Co., Houma, LA. 20# Creosote (Coastal) per LADOTD Standard Specs for Road and Bridges Sec. 1014.03 and 1014.04

EACH PILE BORED FOR PENETRATION. ALL MATERIAL MEETS
ASTM D-25/AWPA C-3 and Client Specs.

Inspector:



CPP, LLC

Charge No. 343 Order No. _____ Date 11-5-12
 Customer CPP Inspector SI
 Treatment 20th crew LBS Required 22,560
 Cu. Ft. in Charge 4128 Gallons Required @ _____

TREATMENT RECORD

Operation	Start	Stop	Pres.	Vac.	Temp		
A/R						A. Before Fill	320,000 LBS
Fill	1:55	2:15	60		210	B. After Fill	125,000 LBS
Off Pres	2:15	3:30	125		205	C. After Pumping	97,000 LBS
Init Vac						D. After Blowback	297,000 LBS
Steaming						GROSS	NET
Final Vac	4:00	7:00		27		B. 125,000	A. 320,000
						C. 97,000	D. 297,000
Purge Time	5:45	6:00				Lbs. Per Cu Ft 24.8	Lbs Per Cu Ft. 20.3
						28,000	23,000

Total Hrs.

Pos	Size	Cu Ft	F.B.M	Cu Ft	Pos	Size	Cu Ft	F.B.M	Cu Ft
8	B-50			243.2					
17	S-40 RT	on		312.8					
14	3-40 RT	"		343					
5	S-45 RT	"		111					
4	3-45 RT	"		118					

I certify this to be an accurate treating report of the above listed material.

SI

ATTACHMENT “H”

Magnetometer Survey



P.O. BOX 309 • BOURG, LOUISIANA 70343 • TELEPHONE & FAX 985/872-9405

November 2, 2012

Providence/GSE
991 Grand Caillou Road
Houma, LA 70363

Reference: Brady Canal Hydrologic Restoration Project (TE-28)
File No. T 28354 DL
Purchase Order Number 3854789

Attn: Mr Phil Schexnayder

Dear Sir,

Attached are three copies of the magnetometer survey performed by Mr Henry Schwartz of Bayou Country Surveying, LLC. All pipelines between station 238+00 and 310+50 have been probed and this area cleared for work. The remaining pipelines have been located by the magnetometer but have not yet been physically located. Further information will be submitted when these lines are located.

This plan has been reviewed by myself for compliance with the requirements of the contract and meets those requirements with no exceptions.

If you have any questions we can be reached at 985-209-9884.

Regards,
Southern Delta Construction, LLC

Michael Mayeux
Vice President

PLEASE NOTE: THE REMAINING PIPELINES MUST BE PHYSICALLY LOCATED PRIOR TO ANY WORK TAKING PLACE IN THEIR PROXIMITY.

REVIEWED FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS

NO RESPONSIBILITY IS ASSUMED FOR QUANTITIES OR FOR CORRECTNESS OF DIMENSIONS OR DETAILS.

THIS REVIEW IS SUBJECT TO ALL TERMS AND CONDITIONS OF THE CONTRACT DOCUMENTS WITH SPECIAL REFERENCE TO WARRANTY REQUIREMENTS CONTAINED THEREIN. THE CONTRACTOR SHALL OBTAIN A CERTIFICATION FROM ALL SUPPLIERS AND/OR SUBCONTRACTORS THAT THEY ARE AWARE OF AND ARE ABIDING BY WARRANTY REQUIREMENTS OF THE CONTRACT DOCUMENTS.

NO EXCEPTIONS TAKEN
MAKE CORRECTIONS NOTED
REVISE & RESUBMIT
SEE REMARKS ✓

GSE ASSOCIATES, LLC

BY REW DATE 11/7/12



SKILL • RESPONSIBILITY • INTEGRITY

TERREBONNE PARISH, LOUISIANA

Sec. 33

Sec. 32

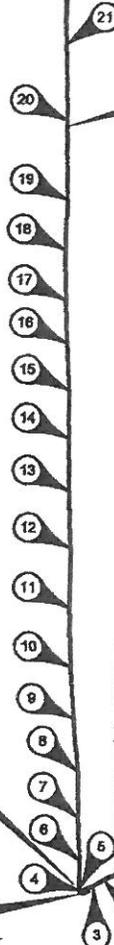
MATCHLINE A

ALMI
BR/LL&E

T 19 S - R 15 E
T 20 S - R 15 E

NOTE: ALL SOUNDINGS REDUCED TO = 0.0' N.G.V.D. M.L.W.

PNT. NO.	COORDINATES (NAD 83)		COORDINATES (NAD 83)		MUD COVER	WATER DEPTH	T.O.P.
	LAT	LONG	X	Y			
1	29° 21' 31.72"	90° 56' 36.60"	3,405,024.53	311,505.14	S.L. 17894 #1 WELL		
2	29° 21' 21.13"	90° 56' 37.35"	3,404,958.03	311,464.17	0.6	3.8	4.4
3	29° 21' 21.32"	90° 56' 36.99"	3,404,989.80	311,483.83	2.0	3.8	5.8
4	29° 21' 21.03"	90° 56' 37.77"	3,404,920.75	311,454.33			
5	29° 21' 21.12"	90° 56' 37.78"	3,404,920.13	311,462.89			
6	29° 21' 21.84"	90° 58' 37.80"	3,404,918.56	311,536.12	3.9	3.1	7.0
7	29° 21' 22.97"	90° 56' 37.86"	3,404,912.15	311,650.10	4.3	3.4	7.7
8	29° 21' 24.20"	90° 56' 37.90"	3,404,908.15	311,774.21	4.3	2.4	6.7
9	29° 21' 25.61"	90° 56' 38.07"	3,404,893.13	311,916.40	4.0	3.6	7.6
10	29° 21' 26.98"	90° 56' 38.20"	3,404,881.51	312,055.42	4.6	4.1	8.7
11	29° 21' 28.56"	90° 56' 38.26"	3,404,874.88	312,215.26	5.8	3.7	9.5
12	29° 21' 30.15"	90° 56' 38.28"	3,404,872.91	312,375.56	4.9	3.8	8.7
13	29° 21' 31.68"	90° 56' 38.36"	3,404,865.56	312,529.49	4.0	2.9	6.9
14	29° 21' 33.08"	90° 56' 38.40"	3,404,861.39	312,671.29	5.0	3.8	8.8
15	29° 21' 34.37"	90° 56' 38.43"	3,404,858.26	312,801.53	4.2	3.5	7.7
16	29° 21' 35.61"	90° 56' 38.52"	3,404,849.82	312,927.25	4.4	2.9	7.3
17	29° 21' 36.76"	90° 56' 38.59"	3,404,843.55	313,042.61	4.8	2.8	7.1
18	29° 21' 38.11"	90° 56' 38.65"	3,404,840.64	313,179.52	4.0	3.5	8.2
19	29° 21' 39.44"	90° 56' 38.61"	3,404,840.75	313,313.96	4.0	3.8	7.8
20	29° 21' 41.57"	90° 56' 38.67"	3,404,834.54	313,528.93	4.3	2.8	7.1
21	29° 21' 43.62"	90° 56' 38.76"	3,404,826.24	313,736.17	4.4	2.8	7.2
22	29° 21' 46.35"	90° 56' 38.82"	3,404,818.20	314,011.45	4.1	2.8	6.9
23	29° 21' 48.23"	90° 56' 38.98"	3,404,804.73	314,201.97	4.3	2.6	6.9
					2.5	4.6	7.1



AS-BUILT 3" FLOWLINE

Sec. 5

Apache Louisiana Minerals, Inc. (ALMI)
Burlington Resources / LL&E

Sec. 4

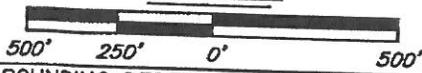
BEGIN AS-BUILT 3" FLOWLINE AT EXISTING SL 17894 #1 WELL
LAT.=29°21'21.53" (NAD 83)
LONG.=90°56'36.60" (NAD 83)
X=3,405,024.53
Y=311,505.14 (NAD 83)
X=2,124,224.49
Y=250,800.55 (NAD 27)

BEGIN AS-BUILT 3" F/L AT HEATER PLATFORM
LAT.=29°21'21.04" (NAD 83)
LONG.=90°56'37.62" (NAD 83)
X=3,404,935
Y=311,456 (NAD 83)

RACCOURCI BAY

AS-BUILT 10'x20' HEATER PLATFORM

SCALE IN FEET



THESE PLATS TO BE USED FOR WETLAND PERMITTING PURPOSES ONLY

APPROVED:

JOHN C. MATTINGLY
LA. LAND SURVEYOR REG. NO. 4710

01	09/06/07
NO.	DATE

REVISED SOUNDING DEPTHS FOR POINTS 7, 12, 14-23
REVISION

ASPECT ENERGY, LLC

AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM TO SERVE THE SL 17894 NO. 1 WELL LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E LAKE PAGIE FIELD TERREBONNE PARISH, LOUISIANA

T. BAKER SMITH
PROFESSIONAL CONSULTANTS SINCE 1913
(985) 886-1050 www.tbsmith.com

DRAWN BY:	C.E.T.	SHEET	2	OF	8
APPROVED BY:	J.C.M.	DRAWING NAME:	051442AB02.DWG		
SCALE:	1"=500'	JOB NUMBER:	2005.1442		
DATE:	03/02/07	MAP NUMBER:			

TERREBONNE PARISH, LOUISIANA

JUG LAKE

Sec. 32

MATCHLINE B

DRILL ENTRY (BOTH DIRECTIONS)

LAT.=29°22'15.14"
 LONG.=90°56'43.35" (NAD 83)
 X=3,404,408.82
 Y=316,918.98 (NAD 83)

BRADY CANAL
 CWPPRA PROJECT TE-28

AS-BUILT 3" FLOWLINE

Apache Louisiana
 Minerals, Inc.

NOTE: ALL SOUNDINGS REDUCED TO = 0.0' N.G.V.D. M.L.W.

PNT. NO.	COORDINATES (NAD 83)		COORDINATES (NAD 83)		MUD COVER	WATER DEPTH	T.O.P.
	LAT	LONG	X	Y			
24	29°21'49.25"	90°56'39.05"	3,404,798.62	314,304.66	4.2	3.3	7.5
25	29°21'51.45"	90°56'39.07"	3,404,796.04	314,526.99	4.0	1.8	5.8
26	29°21'52.66"	90°56'39.15"	3,404,788.06	314,648.50	4.9	2.3	7.2
27	29°21'54.31"	90°56'39.20"	3,404,782.79	314,816.06	5.4	2.0	7.4
28	29°21'55.28"	90°56'39.22"	3,404,781.24	314,913.90	4.7	2.0	6.7
29	29°21'56.33"	90°56'39.28"	3,404,775.45	315,019.11	5.1	1.8	6.7
30	29°21'57.09"	90°56'39.32"	3,404,771.93	315,095.98	4.1	1.7	5.8
31	29°21'57.84"	90°56'39.36"	3,404,767.61	315,172.36	5.0	1.8	6.8
32	29°21'58.99"	90°56'39.52"	3,404,753.67	315,288.51	4.1	2.9	7.0
33	29°21'58.97"	90°56'39.93"	3,404,717.01	315,286.08	1.2	4.3	5.5
34	29°21'59.59"	90°56'39.56"	3,404,747.77	315,348.79	4.1	2.7	6.8
35	29°22'14.26"	90°56'43.21"	3,404,421.56	316,829.56	10.6	5.6	16.2
36	29°22'14.65"	90°56'43.24"	3,404,418.77	316,868.95	4.3	5.3	9.6
37	29°22'15.08"	90°56'43.44"	3,404,400.86	316,912.02	5.2	4.5	9.7
38	29°22'15.84"	90°56'43.50"	3,404,395.36	316,989.08	11.5	3.5	15

BAYOU DE CADE

DRILL EXIT
 LAT.=29°21'59.63"
 LONG.=90°56'39.59" (NAD 83)
 X=3,404,746.96 (NAD 83)
 Y=315,352.47

Apache Louisiana
 Minerals, Inc.

MATCHLINE A

SCALE IN FEET



THESE PLATS TO BE USED FOR
 WETLAND PERMITTING PURPOSES ONLY

APPROVED:

JOHN C. MATTINGLY
 L.A. LAND SURVEYOR REG. NO. 4710

01	09/06/07	REVISED SOUNDING DEPTHS FOR POINTS 25, 27-34
NO.	DATE	REVISION

ASPECT ENERGY, LLC

AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
 TO SERVE THE SL 17894 NO. 1 WELL
 LOCATED IN SEC. 5, T20S-R15E, SEC. 29 & 32, S19S-R15E
 LAKE PAGIE FIELD
 TERREBONNE PARISH, LOUISIANA



DRAWN BY:	C.E.T.	SHEET	3	OF	8
APPROVED BY:	J.C.M.	DRAWING NAME:	051442AB03.DWG		
SCALE:	1"=500'	JOB NUMBER:	2005.1442		
DATE:	03/02/07	MAP NUMBER:			

TERREBONNE PARISH, LOUISIANA

**END AS-BUILT 3" FLOWLINE AT
EXISTING APACHE CF #1 PLATFORM**
 LAT.=29°22'41.95" (NAD 83)
 LONG.=90°56'51.24"
 X=3,403,701.65 (NAD 83)
 Y=319,624.21

Apache Louisiana
Minerals, Inc.

MULTIPLE
FLOWLINES

FLARE

Sec. 29

DRILL EXIT

LAT.=29°22'41.25" (NAD 83)
 LONG.=90°56'50.63"
 X=3,403,756.15 (NAD 83)
 Y=319,553.37 (NAD 83)

BRADY CANAL
CWPRA PROJECT TE-28

MULTIPLE
FLOWLINES

DRILL ENTRY

LAT.=29°22'32.97" (NAD 83)
 LONG.=90°56'47.25"
 X=3,404,057.85 (NAD 83)
 Y=318,718.42 (NAD 83)

NOTE: ALL SOUNDINGS REDUCED TO = 0.0' N.G.V.D. M.L.W.

PNT. NO.	COORDINATES (NAD 83)		COORDINATES (NAD 83)		MUD COVER	WATER DEPTH	T.O.P.
	LAT	LONG	X	Y			
39	29°22'27.63"	90°56'46.06"	3,404,164.82	318,179.25	12.8	4.0	18.8
40	29°22'28.25"	90°56'46.17"	3,404,155.15	318,242.35	4.5	3.0	8.0
41	29°22'29.70"	90°56'46.38"	3,404,135.64	318,387.90	4.6	4.3	8.9
42	29°22'31.72"	90°56'46.80"	3,404,097.67	318,592.42	5.0	3.7	8.7
43	29°22'32.12"	90°56'47.03"	3,404,077.47	318,632.51	4.1	4.9	9
44	29°22'32.30"	90°56'47.03"	3,404,072.41	318,650.69	7.3	4.5	11.8
45	29°22'32.54"	90°56'47.09"	3,404,072.02	318,674.92	11	4.1	15.1
46	29°22'34.15"	90°56'47.76"	3,404,012.19	318,837.35	-	-	-
47	29°22'36.19"	90°56'48.49"	3,403,948.91	319,043.20	-	-	-
48	29°22'37.66"	90°56'49.10"	3,403,892.44	319,191.51	-	-	-
49	29°22'38.88"	90°56'49.67"	3,403,841.59	319,314.57	TINKER & RASER	-	-
50	29°22'39.22"	90°56'49.92"	3,403,819.36	319,348.84	18.4	1.1	19.5
51	29°22'40.40"	90°56'50.42"	3,403,774.72	319,467.89	9.7	1.1	19.5
52	29°22'40.55"	90°56'50.50"	3,403,767.59	319,483.02	9.5	-	9.5
53	29°22'40.93"	90°56'50.65"	3,403,754.19	319,521.36	4.8	-	4.8
54	29°22'41.19"	90°56'50.65"	3,403,754.10	319,547.62	PIPELINE EXPOSED	-	-
55	29°22'41.34"	90°56'50.70"	3,403,749.63	319,562.76	PIPELINE EXPOSED	-	-
56	29°22'41.95"	90°56'51.24"	3,403,701.65	319,624.21	3" RISER	-	-

DRILL EXIT

LAT.=29°22'28.74" (NAD 83)
 LONG.=90°56'46.33"
 X=3,404,140.63 (NAD 83)
 Y=318,291.82 (NAD 83)

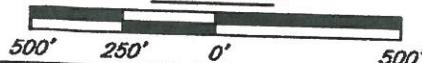
JUG LAKE

Sec. 32

AS-BUILT 3" FLOWLINE

MATCHLINE B

SCALE IN FEET



THESE PLATS TO BE USED FOR
WETLAND PERMITTING PURPOSES ONLY

APPROVED:

JOHN C. MATTINGLY
LA. LAND SURVEYOR REG. NO. 4710

01 09/06/07

REVISED SOUNDING DEPTHS FOR POINTS 40-42

NO. DATE

REVISION

ASPECT ENERGY, LLC

**AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
TO SERVE THE SL 17894 NO. 1 WELL
LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
LAKE PAGIE FIELD
TERREBONNE PARISH, LOUISIANA**



T. BAKER SMITH
PROFESSIONAL CONSULTANTS SINCE 1913
(985) 866-1950 www.tbsmi.com

DRAWN BY: C.E.T.

SHEET 4 OF 8

APPROVED BY: J.C.M.

DRAWING NAME: 051442AB04.DWG

SCALE: 1"=500'

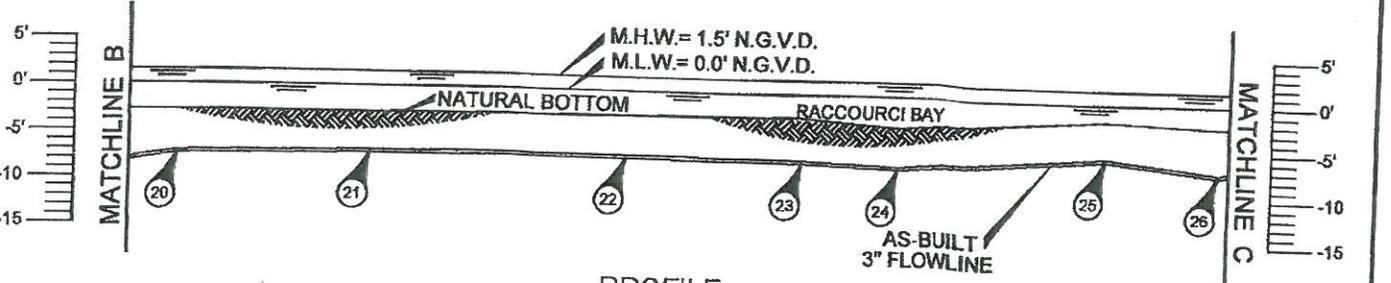
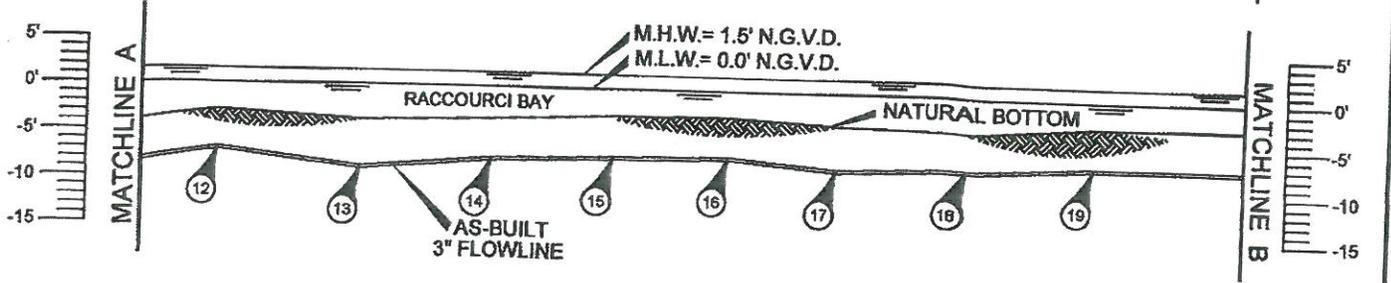
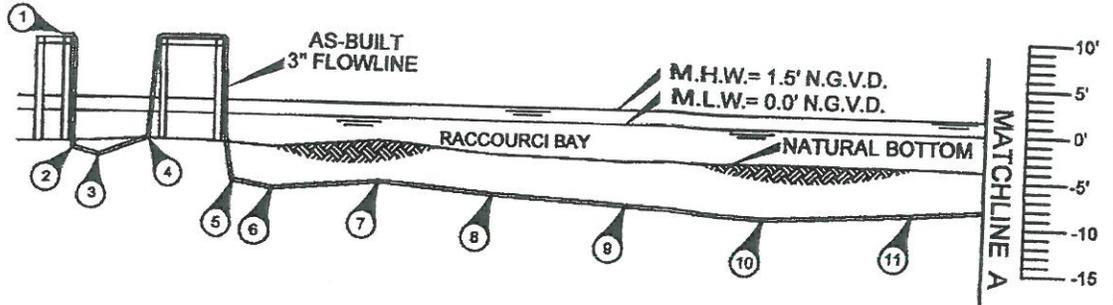
JOB NUMBER: 2005.1442

DATE: 03/02/07

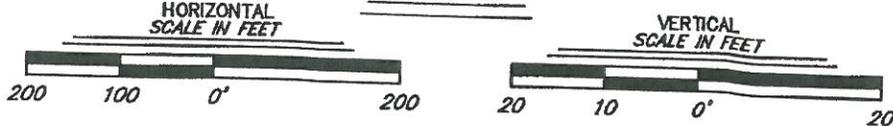
MAP NUMBER:

BEGIN AS-BUILT 3" FLOWLINE
AT EXISTING SL 17894 #1 WELL

LAT = 29°21'21.53" (NAD 83)
LONG. = 90°56'36.60" (NAD 83)
X = 3,405,024.53 (NAD 83)
Y = 311,505.14 (NAD 83)
X = 2,124,224.49 (NAD 27)
Y = 250,800.55 (NAD 27)



PROFILE



THESE PLATS TO BE USED FOR
WETLAND PERMITTING PURPOSES ONLY

APPROVED: _____

JOHN C. MATTINGLY
LA. LAND SURVEYOR REG. NO. 4710

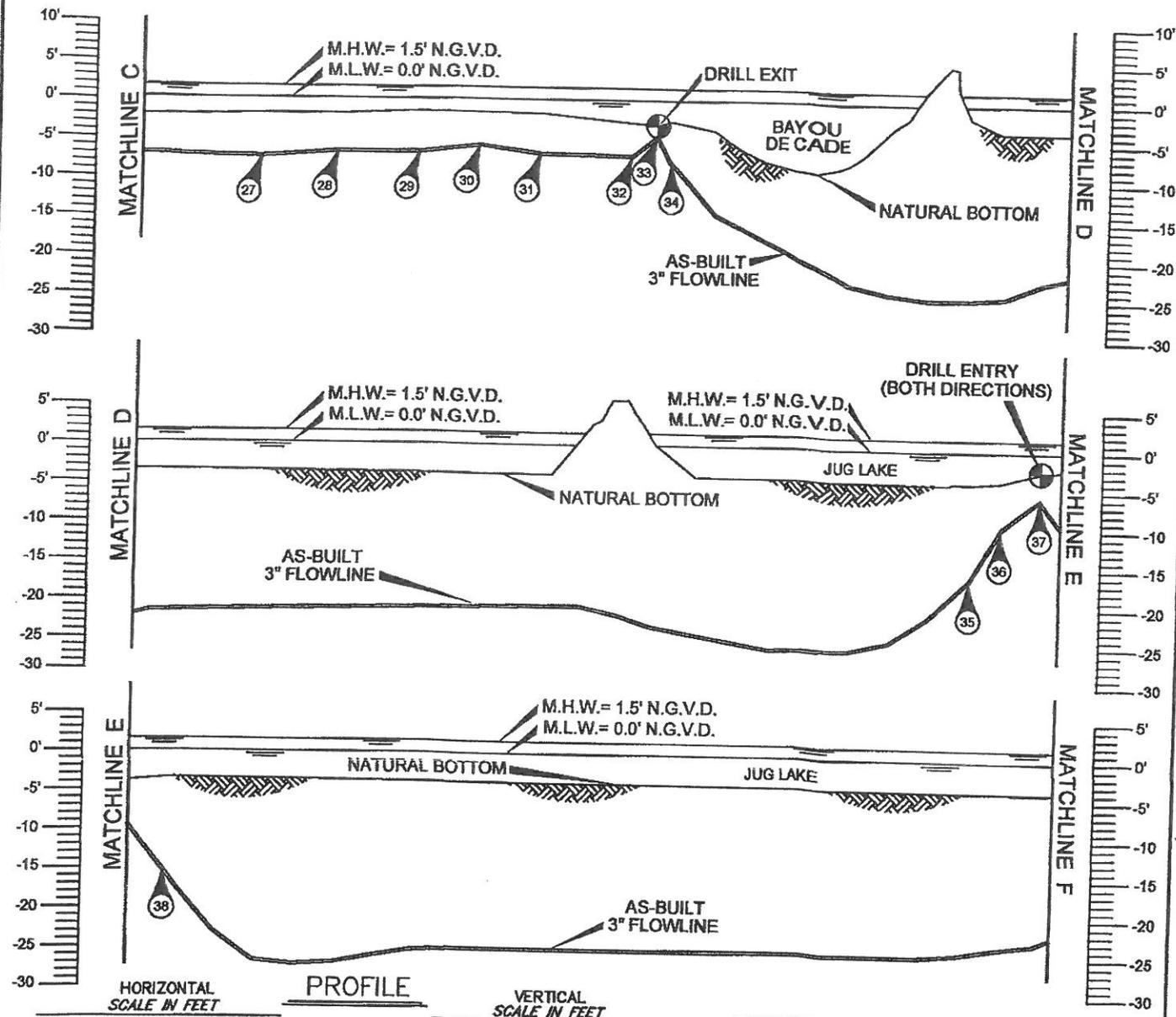
NO.	DATE	REVISION
01	09/06/07	REVISED DEPTH OF SOUNDINGS FOR POINTS 7, 12, 14-23, 25

ASPECT ENERGY, LLC

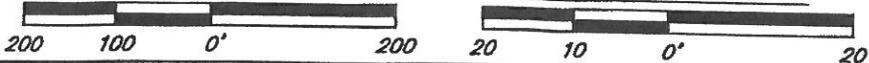
AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
TO SERVE THE SL 17894 NO. 1 WELL
LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
LAKE PAGIE FIELD
TERREBONNE PARISH, LOUISIANA



DRAWN BY:	C.E.T.	SHEET	5	OF	8
APPROVED BY:	J.C.M.	DRAWING NAME:	051442AB05.DWG		
SCALE:	AS SHOWN	JOB NUMBER:	2005.1442		
DATE:	03/02/07	MAP NUMBER:			



HORIZONTAL SCALE IN FEET PROFILE VERTICAL SCALE IN FEET



APPROVED: **JOHN C. MATTINGLY**
 L.A. LAND SURVEYOR REG. NO. 4710

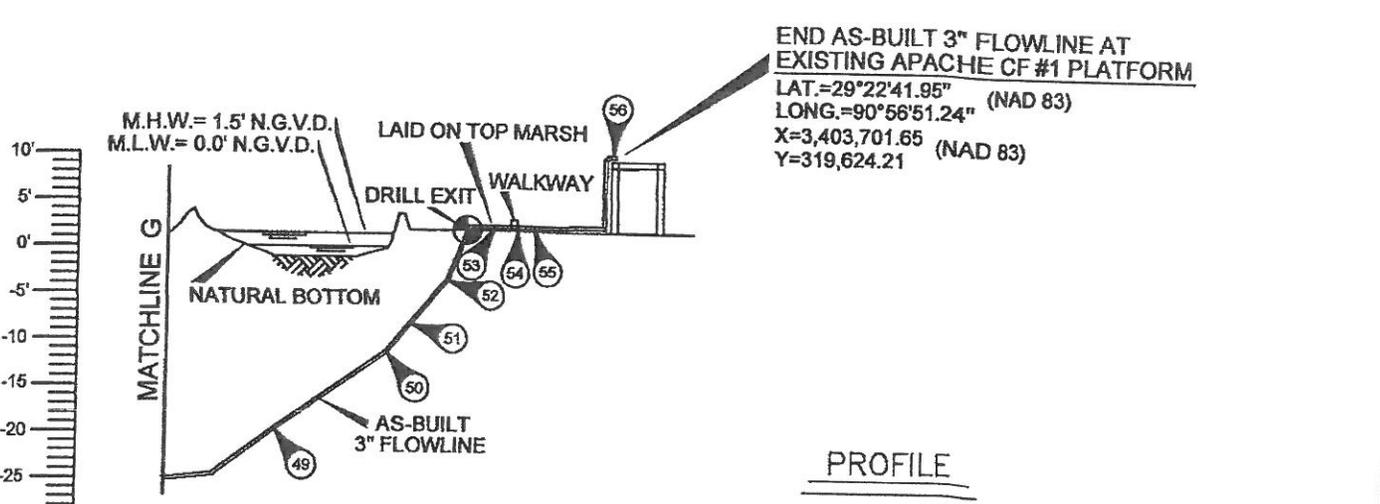
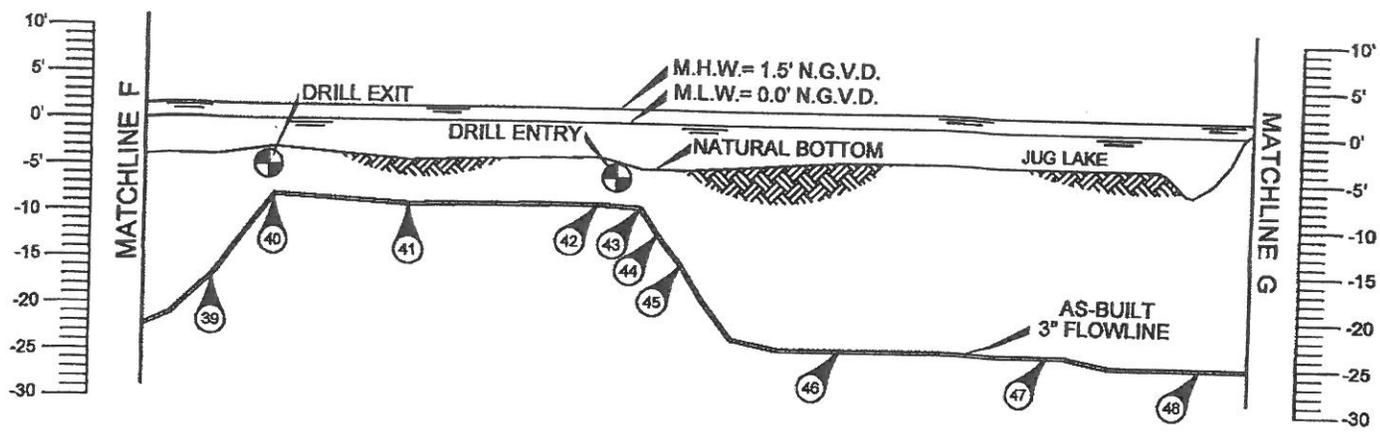
01	09/06/07	REVISION
NO.	DATE	REVISION

ASPECT ENERGY, LLC

**AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
 TO SERVE THE SL 17894 NO. 1 WELL
 LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
 LAKE PAGIE FIELD
 TERREBONNE PARISH, LOUISIANA**



DRAWN BY:	C.E.T.	SHEET	6	OF	8
APPROVED BY:	J.C.M.	DRAWING NAME:	051442AB08.DWG		
SCALE:	AS SHOWN	JOB NUMBER:	2005.1442		
DATE:	03/02/07	MAP NUMBER:			



END AS-BUILT 3" FLOWLINE AT
 EXISTING APACHE CF #1 PLATFORM
 LAT.=29°22'41.95" (NAD 83)
 LONG.=90°56'51.24"
 X=3,403,701.65 (NAD 83)
 Y=319,624.21



THESE PLATS TO BE USED FOR
 WETLAND PERMITTING PURPOSES ONLY

APPROVED: _____

JOHN C. MATTINGLY
 L.A. LAND SURVEYOR REG. NO. 4710

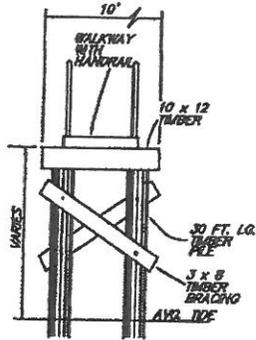
01	09/06/07	REVISED SOUNDING DEPTHS FOR POINTS 40-42
NO.	DATE	REVISION

ASPECT ENERGY, LLC

**AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
 TO SERVE THE SL 17894 NO. 1 WELL
 LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
 LAKE PAGIE FIELD
 TERREBONNE PARISH, LOUISIANA**

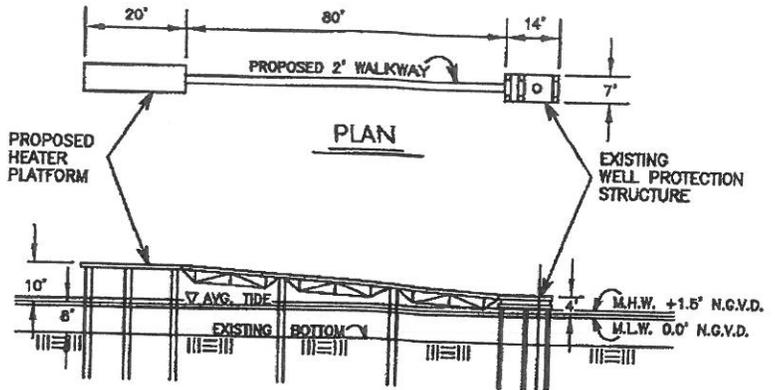


DRAWN BY:	C.E.T.	SHEET	7	OF	8
APPROVED BY:	J.C.M.	DRAWING NAME:	051442AB07.DWG		
SCALE:	AS SHOWN	JOB NUMBER:	2005.1442		
DATE:	03/02/07	MAP NUMBER:			



WALKWAY DETAIL

NOT TO SCALE



ELEVATION

DETAIL FOR HEATER PLATFORM & WALKWAY

NOT TO SCALE

NOTES

ALL STRUCTURES, FACILITIES, WELLS AND PIPELINES/FLOWLINES OCCURRING IN OPEN WATER AREAS, OR IN OILFIELD CANALS, OR SLIPS SHALL BE REMOVED WITHIN 120 DAYS OF ABANDONMENT OF THE FACILITIES FOR THE HEREIN PERMITTED USE, UNLESS PRIOR WRITTEN APPROVAL TO LEAVE SUCH STRUCTURES IN PLACE IS RECEIVED FROM THE COASTAL MANAGEMENT DIVISION. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED FOR SUCH ACTIVITIES.

AS-BUILT DRAWINGS SHALL BE SUBMITTED, IF REQUIRED, WITHIN 30 DAYS OF COMPLETION OF THIS PROJECT TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, COASTAL MANAGEMENT DIVISION AND OFFICE OF CONSERVATION, PIPELINE SAFETY DIVISION, POST OFFICE BOX 44487, BATON ROUGE, LA 70804-4487.

IN ORDER TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITTEE SHALL CONTACT LOUISIANA ONE CALL (1-800-272-3020) A MINIMUM OF 96 HOURS PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION (DIGGING, DREDGING, JETTING, ETC.) OR DEMOLITION ACTIVITY.

A RIGHT OF WAY GRANT WILL BE OBTAINED FROM THE LA STATE LAND OFFICE SHOULD ONE BE REQUIRED PRIOR TO ANY CONSTRUCTION ACTIVITIES.

NO TRACK OR WHEEL-TYPE VEHICLES TO BE USED DURING THE INSTALLATION OF PERMITTED FLOWLINES UNLESS NOTED OTHERWISE HEREIN.

THESE PLATS TO BE USED FOR WETLAND PERMITTING PURPOSES ONLY

APPROVED: _____

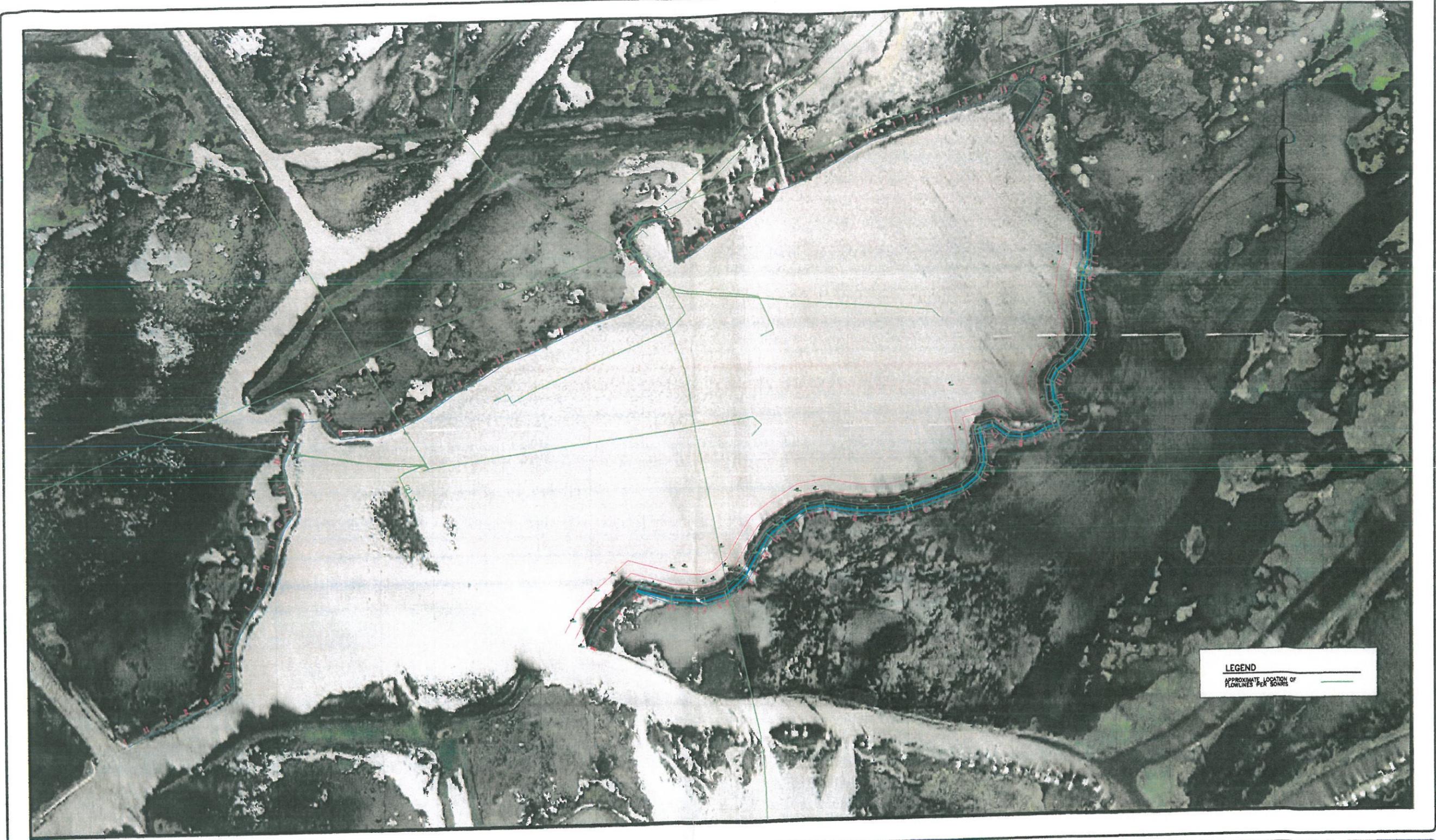
JOHN C. MATTINGLY
LA. LAND SURVEYOR REG. NO. 4710

NO.	DATE	REVISION

ASPECT ENERGY, LLC

**AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
TO SERVE THE SL 17894 NO. 1 WELL
LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
LAKE PAGIE FIELD
TERREBONNE PARISH, LOUISIANA**

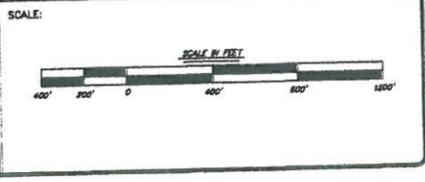
<p>T. BAKER SMITH PROFESSIONAL CONSULTANTS SINCE 1913 (985) 868-1050 www.tbssmth.com</p>	DRAWN BY: C.E.T.	SHEET 8 OF 8
	APPROVED BY: J.C.M.	DRAWING NAME: 051442AB08.DWG
	SCALE: NONE	JOB NUMBER: 2005.1442
	DATE: 03/02/07	MAP NUMBER:



LEGEND
 APPROXIMATE LOCATION OF FLOWLINES PER SOURCE

PROJECT NO: 2014
 DIRECTORY: Z:\JOBS2\2014
 FILE: MAG SHEETS.DWG
 FIELD BOOK:
 MAP NO.

DATE	DESCRIPTION	BY
11/2/12	REVISED MAG SURVEY LAYOUT	HES



STAMP

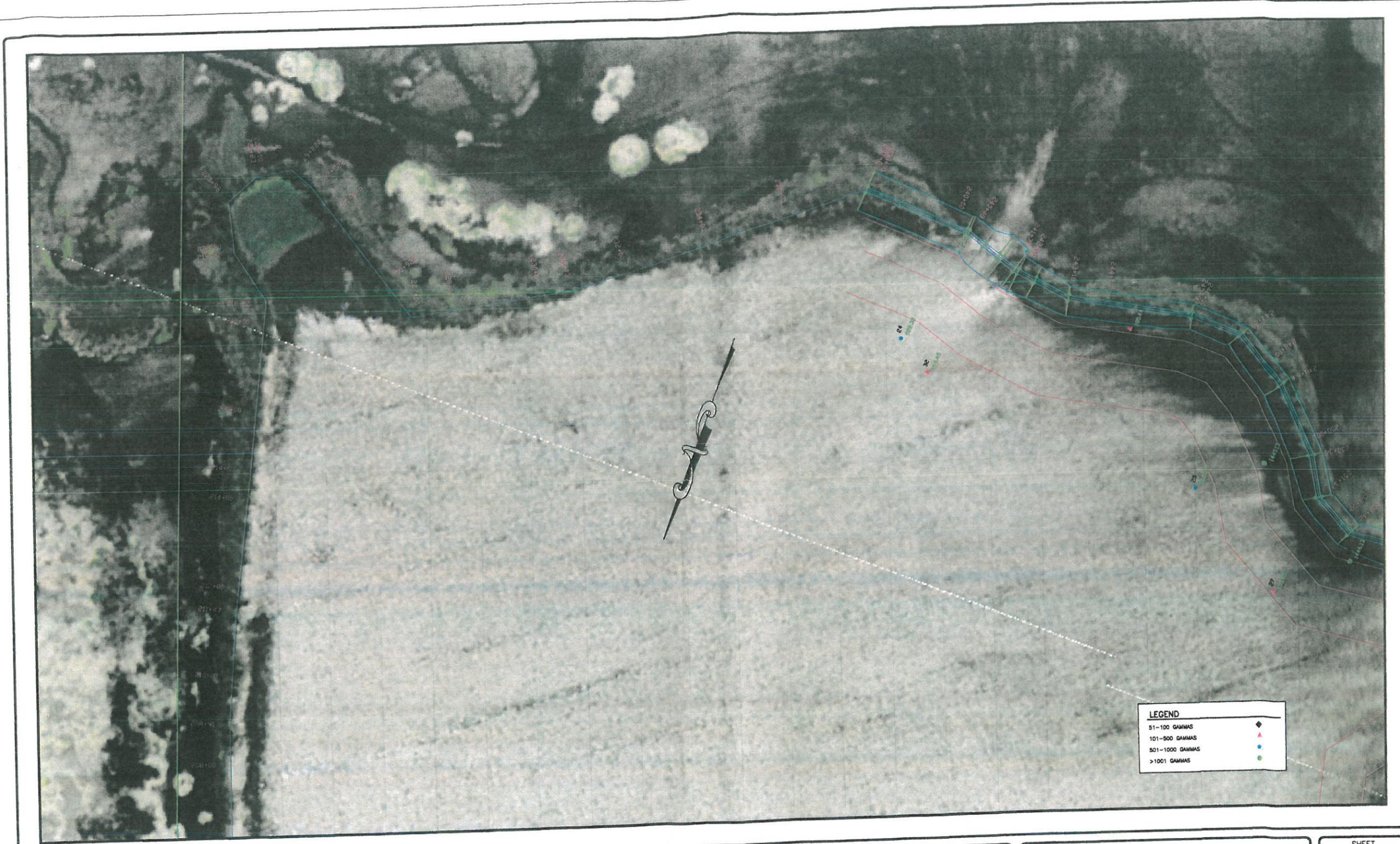
SIGNATURE: *[Handwritten Signature]*
 DATE: *[Handwritten Date]*

BAYOU COUNTRY SURVEYING, LLC
 Professional Land Surveyors
 PO Box 156 Labadieville, LA 70372
 Office 985-369-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		PROJECT:

SOUTHERN DELTA CONSTRUCTION
 BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 JUG LAKE AREA
 MAG SURVEY STA 240+35 - STA 310+02
 TERREBONNE PARISH, LOUISIANA

SHEET
 1
 OF 6 SHEETS



LEGEND	
51-100 GAMMAS	◆
101-500 GAMMAS	▲
501-1000 GAMMAS	●
>1001 GAMMAS	●

PROJECT NO: 2014
DIRECTORY: Z:\JOSS2\2014
FILE: MAG SHEETS.DWG
FIELD BOOK:
MAP NO.

DATE	DESCRIPTION	BY
11/2/12	REVISED MAG SURVEY LAYOUT	HES



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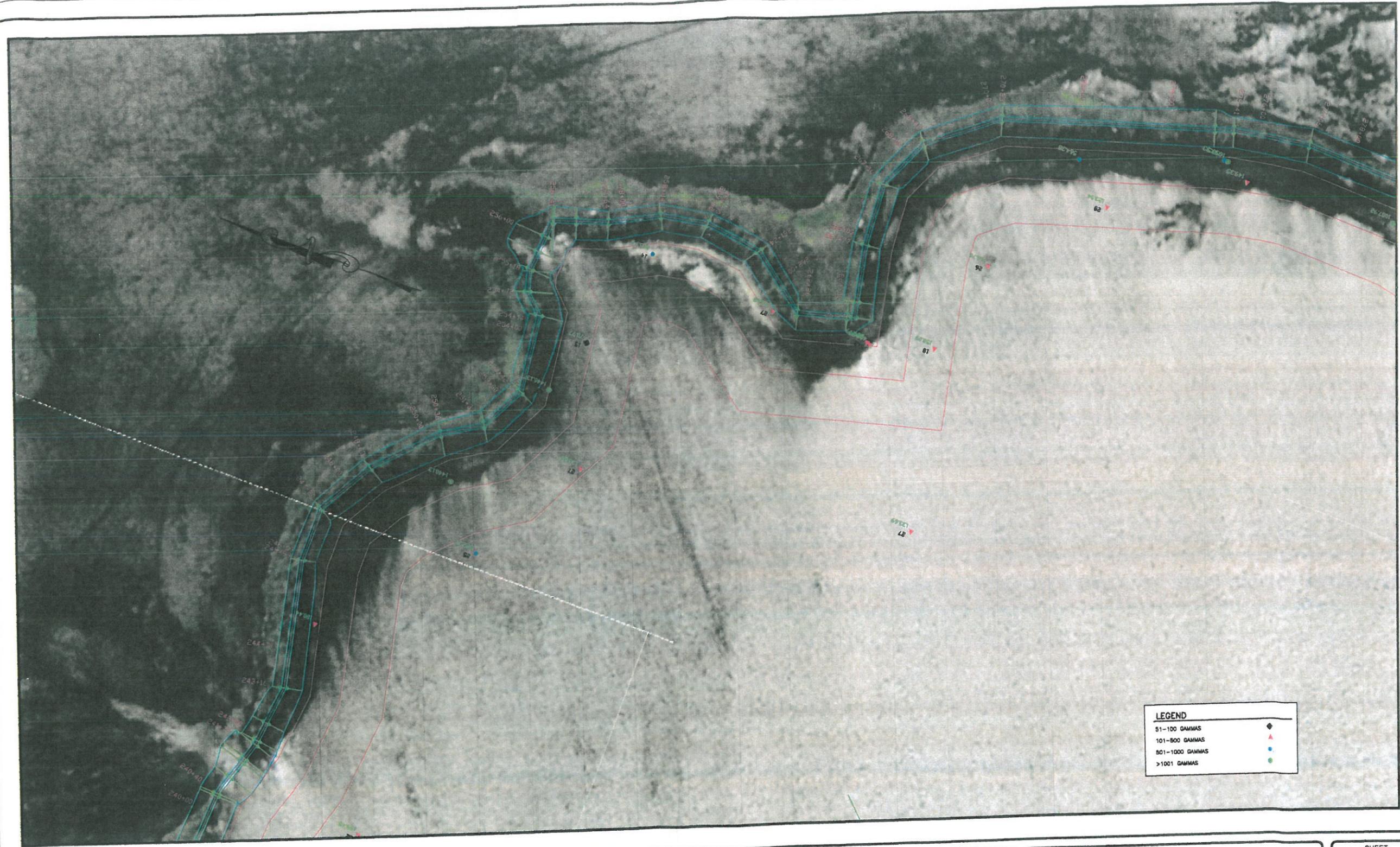
W. H. ...
DATE:

BAYOU COUNTRY SURVEYING, LLC
Professional Land Surveyors
PO Box 156 Labadieville, LA 70372
Office 985-369-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		PROJECT:

SOUTHERN DELTA CONSTRUCTION
BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT
JUG LAKE AREA
MAG SURVEY STA 240+35 - STA 310+02
TERREBONNE PARISH, LOUISIANA

SHEET
2
OF 6 SHEETS



LEGEND	
51-100 GAMMAS	◆
101-500 GAMMAS	▲
501-1000 GAMMAS	●
>1001 GAMMAS	●

PROJECT NO. 2014
DIRECTORY: Z:\JOBS2\2014
FILE: MAG SHEETS.DWG
FIELD BOOK:
MAP NO.

DATE	DESCRIPTION	BY
11/2/12	REVISED MAG SURVEY LAYOUT	HES



STAMP

SIGNATURE: *[Handwritten Signature]*

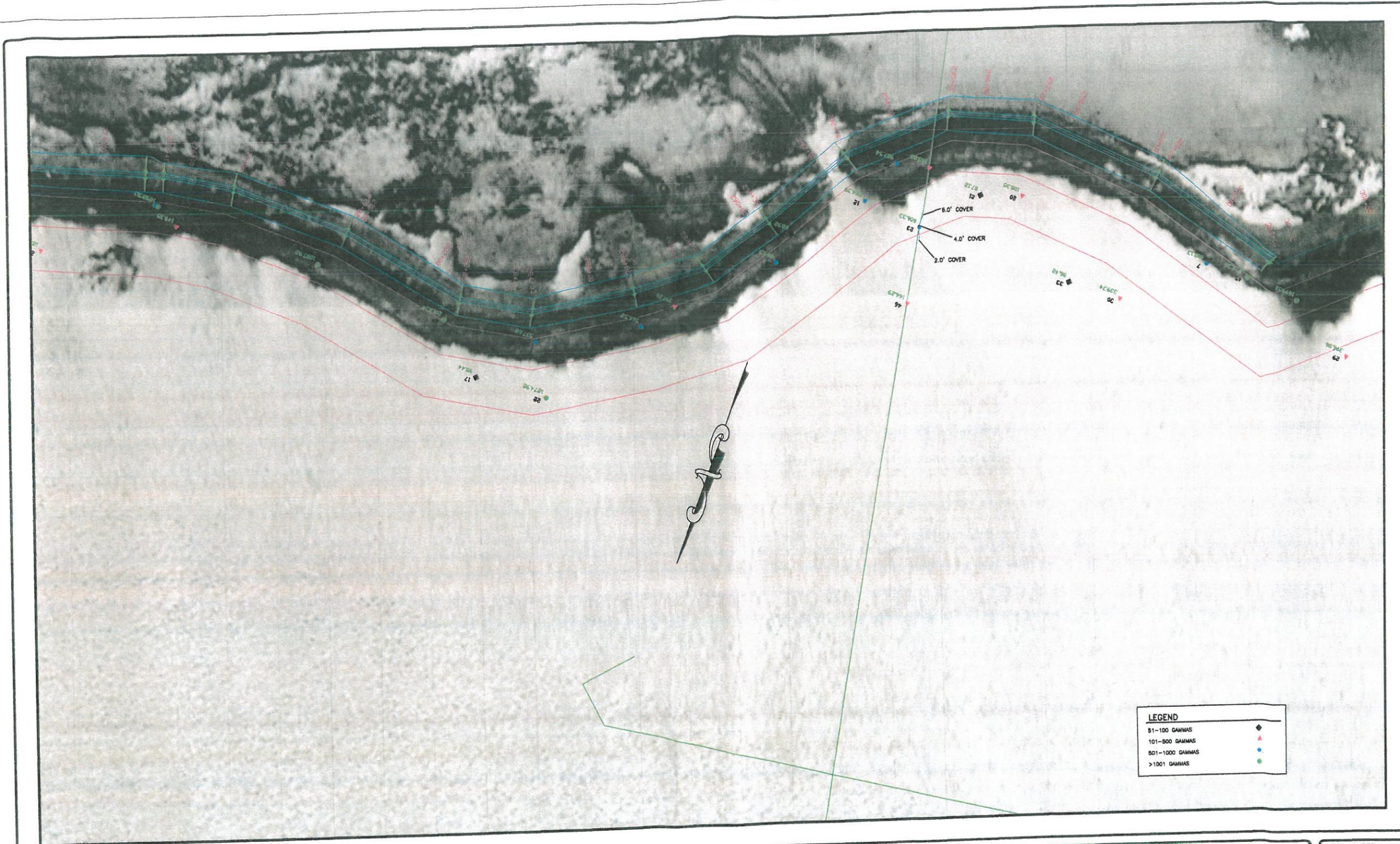
DATE: _____

BAYOU COUNTRY SURVEYING, LLC
 Professional Land Surveyors
 PO Box 156 Labadieville, LA 70372
 Office 985-369-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		PROJECT:

SOUTHERN DELTA CONSTRUCTION
 BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 JUG LAKE AREA
 MAG SURVEY STA 240+35 - STA 310+02
 TERREBONNE PARISH, LOUISIANA

SHEET
 3
 OF 6 SHEETS



LEGEND	
81-100 GAMMAS	◆
101-500 GAMMAS	▲
501-1000 GAMMAS	●
>1001 GAMMAS	●

PROJECT NO: 2014
DIRECTORY: Z:\JOBS\2014
FILE: MAG SHEETS.DWG
FIELD BOOK:
MAP NO.

DATE	DESCRIPTION	BY	REVISION
11/2/12	REVISED MAG SURVEY LAYOUT	HES	



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SIGNATURE: *[Handwritten Signature]*

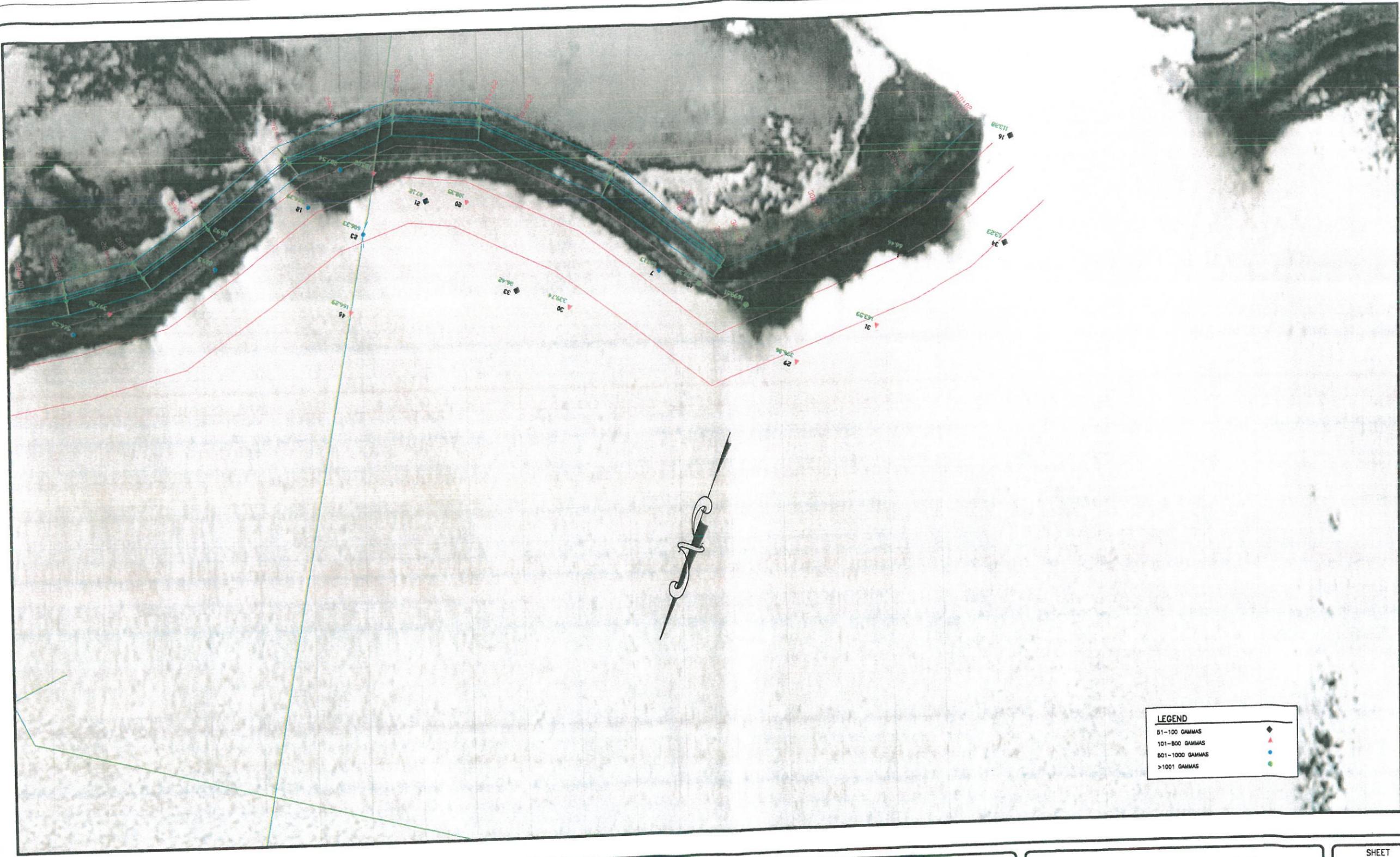
DATE: *[Handwritten Date]*

BAYOU COUNTRY SURVEYING, LLC
 Professional Land Surveyors
 PO Box 156 Labadieville, LA. 70372
 Office 985-368-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		PROJECT:

SOUTHERN DELTA CONSTRUCTION
 BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 JUG LAKE AREA
 MAG SURVEY STA 240+35 - STA 310+02
 TERREBONNE PARISH, LOUISIANA

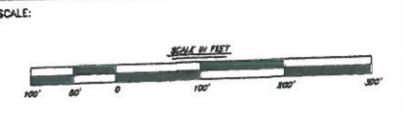
SHEET
 4
 OF 6 SHEETS



LEGEND	
51-100 GAMMAS	◆
101-500 GAMMAS	▲
501-1000 GAMMAS	●
>1001 GAMMAS	●

PROJECT NO: 2014
DIRECTORY: Z:\JOBS2\2014
FILE: MAG SHEETS.DWG
FIELD BOOK:
MAP NO.

DATE	DESCRIPTION	BY
11/2/12	REVISED MAG SURVEY LAYOUT	HES



STAMP

SIGNATURE: *[Handwritten Signature]*

DATE: _____

BAYOU COUNTRY SURVEYING, LLC
 Professional Land Surveyors
 PO Box 156 Labadieville, LA. 70372
 Office 985-358-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		PROJECT:

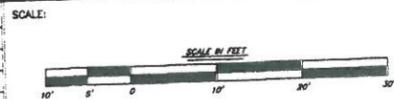
SOUTHERN DELTA CONSTRUCTION
 BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 JUG LAKE AREA
 MAG SURVEY STA 240+35 - STA 310+02
 TERREBONNE PARISH, LOUISIANA

SHEET
 5
 OF 6 SHEETS

PT	NORTHING	EASTING	AMPLITUDE	TYPE	WIDTH
1	316512.81	3403257.28	66.46	DIPOLE	67
2	317427.69	3405375.91	2013.34	MONOPOLE	34
3	317407.59	3406089.2	797.33	DIPOLE	32
4	317515.5	3406393.13	564.38	DIPOLE	17
5	318053.86	3406692.52	488.33	MONOPOLE	13
6	316734.81	3403552.63	1699.51	COMPLEX	190
7	316728.87	3403769.33	607.13	MONOPOLE	13
8	318648.59	3407477.57	1440.13	COMPLEX	35
9	317407.02	3405692.64	1087.92	MONOPOLE	67
10	317053.46	3404699.39	869.5	COMPLEX	34
11	317293.86	3404947.83	566.52	COMPLEX	234
12	316857.01	3404554.22	524.39	DIPOLE	5
13	316737.6	3404440.51	185.08	MONOPOLE	54
14	318028.48	3407228.72	865.79	MONOPOLE	52
15	318262.16	3407299.44	70.97	COMPLEX	104
16	316193.41	3403123.44	113.88	DIPOLE	6
17	317525.6	3405262.38	95.44	DIPOLE	4
18	318015.52	3406553.9	158.09	DIPOLE	6
19	317437.14	3406025.31	149.35	MONOPOLE	1
20	316728.08	3404219.33	108.35	MONOPOLE	19
21	316756.64	3404309.25	87.12	DIPOLE	4
22	317517.07	3405095.09	1274.92	DIPOLE	1
23	316871.77	3404417.01	606.33	MONOPOLE	30
24	319533.11	3407458.18	522.32	COMPLEX	240
25	318779.66	3407370.08	522.32	DIPOLE	16
26	317805.3	3406504.97	160.76	DIPOLE	4
27	318528.66	3407214.76	133.69	MONOPOLE	30
28	317594.55	3406298.06	123.94	DIPOLE	10
29	316815.21	3403403.39	396.86	DIPOLE	5
30	316869.98	3403928.07	339.74	MONOPOLE	12
31	316683.13	3403263.39	163.59	DIPOLE	4
32	319449.1	3407406.32	159.45	COMPLEX	30
33	316873.16	3404050.09	86.42	MONOPOLE	25
34	316417.84	3403053.79	63.23	DIPOLE	15
35	316754.14	3404515.06	987.54	MONOPOLE	22
36	316981.12	3404688.74	68.92	DIPOLE	1
37	317224.98	3404887.89	397.26	MONOPOLE	30
38	317405.52	3405160.67	537.68	DIPOLE	3
39	317427.69	3405375.91	2013.34	COMPLEX	35
40	317408.32	3406081.16	1653.5	DIPOLE	32
41	317515.5	3406393.13	564.38	DIPOLE	17
42	318051.55	3406700.11	389.99	MONOPOLE	13
43	318387.31	3407341.87	1446.13	MONOPOLE	26
44	319044.99	3407656.57	180.44	DIPOLE	1
45	316725.7	3403670.53	1672.38	DIPOLE	20
46	317042.85	3404383.25	166.29	MONOPOLE	34

PROJECT NO: 2014
DIRECTORY: Z:\JOBS\2014
FILE: MAG SHEETS.DWG
FIELD BOOK:
MAP NO:

DATE	DESCRIPTION	BY
11/2/12	REVISED MAG SURVEY LAYOUT	HES
	REVISION	



STAMP

SIGNATURE: *[Signature]*

DATE: 11/2/12

BAYOU COUNTRY SURVEYING, LLC
Professional Land Surveyors
PO Box 156 Labadieville, LA 70372
Office 985-369-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		PROJECT:

SOUTHERN DELTA CONSTRUCTION
BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT
JUG LAKE AREA
MAG SURVEY STA 240+35 - STA 310+02
TERREBONNE PARISH, LOUISIANA

SHEET
6
OF 6 SHEETS



P.O. BOX 309 • BOURG, LOUISIANA 70343 • TELEPHONE & FAX 985/872-9405

November 2, 2012

Providence/GSE
991 Grand Caillou Road
Houma, LA 70363

Reference: Brady Canal Hydrologic Restoration Project (TE-28)
File No. T 28354 DL
Purchase Order Number 3854789

Attn: Mr Phil Schexnayder

Dear Sir,

Attached are five copies of the revised work plan as previously requested. This plan has been reviewed by myself for compliance with the requirements of the contract and meets those requirements with no exceptions.

If you have any questions we can be reached at 985-209-9884.

Regards,
Southern Delta Construction, LLC


Michael Mayeux
Vice President

**REVIEWED FOR GENERAL
COMPLIANCE WITH
CONTRACT DOCUMENTS**

NO RESPONSIBILITY IS ASSUMED FOR QUANTITIES OR FOR CORRECTNESS OF DIMENSIONS OR DETAILS.

THIS REVIEW IS SUBJECT TO ALL TERMS AND CONDITIONS OF THE CONTRACT DOCUMENTS WITH SPECIAL REFERENCE TO WARRANTY REQUIREMENTS CONTAINED THEREIN. THE CONTRACTOR SHALL OBTAIN A CERTIFICATION FROM ALL SUPPLIERS AND/OR SUBCONTRACTORS THAT THEY ARE AWARE OF AND ARE ABIDING BY WARRANTY REQUIREMENTS OF THE CONTRACT DOCUMENTS.

NO EXCEPTIONS TAKEN	<input checked="" type="checkbox"/>
MAKE CORRECTIONS NOTED	<input type="checkbox"/>
REVISE & RESUBMIT	<input type="checkbox"/>
REJECTED, SEE REMARKS	<input type="checkbox"/>



SKILL • RESPONSIBILITY • INTEGRITY

GSE ASSOCIATES, LLC

BY REW DATE 11/7/12



P.O. BOX 309 • BOURG, LOUISIANA 70343 • TELEPHONE & FAX 985/872-9405

PLAN OF OPERATION

PURPOSE

This Plan of Operation has been prepared in accordance with all applicable regulations. The purpose of this Plan of Operation is to identify needs, actions, and the corresponding completion dates relating to staffing, training, recordkeeping, reporting, start-up and process control, safety, emergency operations, and maintenance management.

1. SUMMARY OF IMPLEMENTATION ITEMS AND DATES

The implementation dates of the following sections are arranged below in chronological order to allow rapid identification of action items and related completion dates. All dates provided are projected and subject to change.

<u>Start Date</u>	<u>Item</u>
October 18, 2012	Notice to Proceed
October 18, 2012	Mobilize
October 18, 2012	Clearing and Grubbing
October 23, 2012	Magnetometer Surveys
October 24, 2012	Earthen Embankment – Dredging
November 25, 2012	Earthen Embankment – Dressing
December 3, 2012	Dolphin Repair
December 3, 2012	Permanent Warning Signs
December 11, 2012	Woven Geotextile Fabric
December 11, 2012	Rip Rap
January 27, 2013	Fertilize and Seed
February 28, 2013	Demobilization

All warning systems such as signs, tags, and labels shall be visible at all times when the hazard or problem exists, and shall be removed or covered when the hazard or problem no longer exists.

The contractor shall conduct his operations in such a manner as to offer the least possible obstruction to the safe and satisfactory movement of traffic during the life of the contract.

5. MAJOR EQUIPMENT TO BE USED

We will use a 900 hp tug boat called the Joan Cenac to mobilize/demobilize. Dredging operations will be done using a 4600 Manitowoc dragline on a 150' x 50' spud barge. Rock will be light loaded onto barges and placed with a CAT 336 excavator. There will be two skiffs on site; a survey boat and crew boat. The crew boat will also serve as the safety skiff since it will be readily available at all times to the crew members aboard the plant.

6. WORK AREA

All equipment and personnel shall remain within the limits of the project site and dredging will only occur within the limits of the floatation and access channels as depicted on the drawings. Workers shall be aware of and avoid contact with all pipelines in the area.

7. STAGING AREA

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8. LIGHTING PLAN

All night time work will be performed on the dredge. There will be no ground work performed at night. There are three 1000W metal halide light fixtures mounted on the boom of the dragline. These lights are more than capable of lighting all areas during dredging operations and placement of material, as they are always pointed towards the work area. There are 500W quartz lights mounted on each side of the counter weight to provide for lighting safety during swinging. On the barge, 500W quartz lights have been strategically placed to illuminate all three spuds and walking/working areas. Also, there are quartz lights mounted at the rear of the barge lighting the floating pontoon, ladder, and deck for safe access to the barge. The dredge will be available for inspection by the Project Representative at all times.

9. ENGINEER'S BOAT & OFFICE

We will supply a boat meeting the specifications required for use of the engineer. After a meeting with Mr. Jimmy Theriot, he stated that he would rather use the office on the dredge rather than an office at the landing.



P.O. BOX 309 • BOURG, LOUISIANA 70343 • TELEPHONE & FAX 985/872-9405

November 2, 2012

Providence/GSE
991 Grand Caillou Road
Houma, LA 70363

Reference: Brady Canal Hydrologic Restoration Project (TE-28)
File No. T 28354 DL
Purchase Order Number 3854789

Attn: Mr Phil Schexnayder

Dear Sir,

Attached are five copies of the revised work plan as previously requested. This plan has been reviewed by myself for compliance with the requirements of the contract and meets those requirements with no exceptions.

If you have any questions we can be reached at 985-209-9884.

Regards,
Southern Delta Construction, LLC

Michael Mayeux
Vice President

**REVIEWED FOR GENERAL
COMPLIANCE WITH
CONTRACT DOCUMENTS**

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NO EXCEPTIONS TAKEN	<input checked="" type="checkbox"/>
MAKE CORRECTIONS NOTED	<input type="checkbox"/>
REVISE & RESUBMIT	<input type="checkbox"/>
REJECTED, SEE REMARKS	<input type="checkbox"/>



SKILL • RESPONSIBILITY • INTEGRITY

GSE ASSOCIATES, LLC

BY REW DATE 11/7/12



P.O. BOX 309 • BOURG, LOUISIANA 70343 • TELEPHONE & FAX 985/872-9405

PLAN OF OPERATION

PURPOSE

This Plan of Operation has been prepared in accordance with all applicable regulations. The purpose of this Plan of Operation is to identify needs, actions, and the corresponding completion dates relating to staffing, training, recordkeeping, reporting, start-up and process control, safety, emergency operations, and maintenance management.

1. SUMMARY OF IMPLEMENTATION ITEMS AND DATES

The implementation dates of the following sections are arranged below in chronological order to allow rapid identification of action items and related completion dates. All dates provided are projected and subject to change.

<u>Start Date</u>	<u>Item</u>
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December 3, 2012	Permanent Warning Signs
December 11, 2012	Woven Geotextile Fabric
December 11, 2012	Rip Rap
January 27, 2013	Fertilize and Seed
February 28, 2013	Demobilization

2. STAFF

Michael Mayeux	-	Vice President
Aaron Mayeux	-	Project Manager/SSHO
Greg Riley	-	Excavator Operator
John Abt	-	Assistant Supt/ Operator
Daryl Devillier	-	Assistant Supt/ Operator
Noel Jackson	-	Assistant Supt/ Operator
Tyran Holmes	-	Oiler
Daryl Devillier Jr.	-	Oiler
James Macdonald	-	Oiler

Frisco Construction Co. LLC will be used as a subcontractor to perform work on the dolphin replacement.

3. SAFETY

(i) Training & Indoctrination

Upon hiring, employees are trained in the applicable aspects of the Occupational Safety and Health Administration Standards, 29 CFR 1910 et seq. (including, but not limited to lockout/tagout procedures, confined space entry, heavy equipment operation, etc.). Safety protocols and workplace policies and procedures are also reviewed routinely. Weekly safety meetings will be held every Monday morning before the start of work. All employee first aid and CPR certifications will be kept up to date.

(ii) Inspections

Construction safety inspections are the most effective means of identifying hazardous conditions at the worksite. Construction sites require constant monitoring and observations to keep ahead of safety issues. All working areas shall be inspected daily by the Safety Officer to ensure compliance with the accident prevention plan and safety manual. A daily inspection log will be completed by the Safety Officer daily and maintained on site. At the end of each day, the Safety Officer will make sure that all necessary corrective actions have been taken. He will also do a follow up inspection of the identified deficiencies during the next work day. Follow up inspections will continue until the deficiency has been corrected.

* A copy of the Daily Inspection Log can be found on the next page.

(iii) Recording

Weekly safety meetings will be conducted at the beginning of each work week. All employees present will sign the meeting minutes to acknowledge participation.

* For a detailed company safety program, see our Health & Safety Plan.

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November 2, 2012

Providence/GSE
991 Grand Caillou Road
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Reference: Brady Canal Hydrologic Restoration Project (TE-28)
File No. T 28354 DL
Purchase Order Number 3854789

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Michael Mayeux
Vice President

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SKILL • RESPONSIBILITY • INTEGRITY

GSE ASSOCIATES, LLC

BY REW DATE 11/7/12



P.O. BOX 309 • BOURG, LOUISIANA 70343 • TELEPHONE & FAX 985/872-9405

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November 2, 2012

Providence/GSE
991 Grand Caillou Road
Houma, LA 70363

Reference: Brady Canal Hydrologic Restoration Project (TE-28)
File No. T 28354 DL
Purchase Order Number 3854789

Attn: Mr Phil Schexnayder

Dear Sir,

Attached are three copies of the magnetometer survey performed by Mr Henry Schwartz of Bayou Country Surveying, LLC. All pipelines between station 238+00 and 310+50 have been probed and this area cleared for work. The remaining pipelines have been located by the magnetometer but have not yet been physically located. Further information will be submitted when these lines are located.

This plan has been reviewed by myself for compliance with the requirements of the contract and meets those requirements with no exceptions.

If you have any questions we can be reached at 985-209-9884.

Regards,
Southern Delta Construction, LLC

Michael Mayeux
Vice President

PLEASE NOTE: THE REMAINING PIPELINES MUST BE PHYSICALLY LOCATED PRIOR TO ANY WORK TAKING PLACE IN THEIR PROXIMITY.

REW

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NO EXCEPTIONS TAKEN
MAKE CORRECTIONS NOTED
REVISE & RESUBMIT
REVIEWED, SEE REMARKS ✓

GSE ASSOCIATES, LLC

BY *REW* DATE *11/7/12*



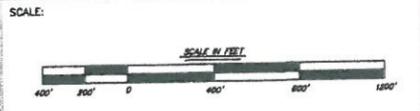
SKILL • RESPONSIBILITY • INTEGRITY



LEGEND
 APPROXIMATE LOCATION OF FLOWLINES PER SONRRS

PROJECT NO: 2014
 DIRECTORY: Z:\JOBS2\2014
 FILE: MAG SHEETS.DWG
 FIELD BOOK:
 MAP NO.

DATE	DESCRIPTION	BY
11/2/12	REVISED MAG SURVEY LAYOUT	HES
	REVISION	



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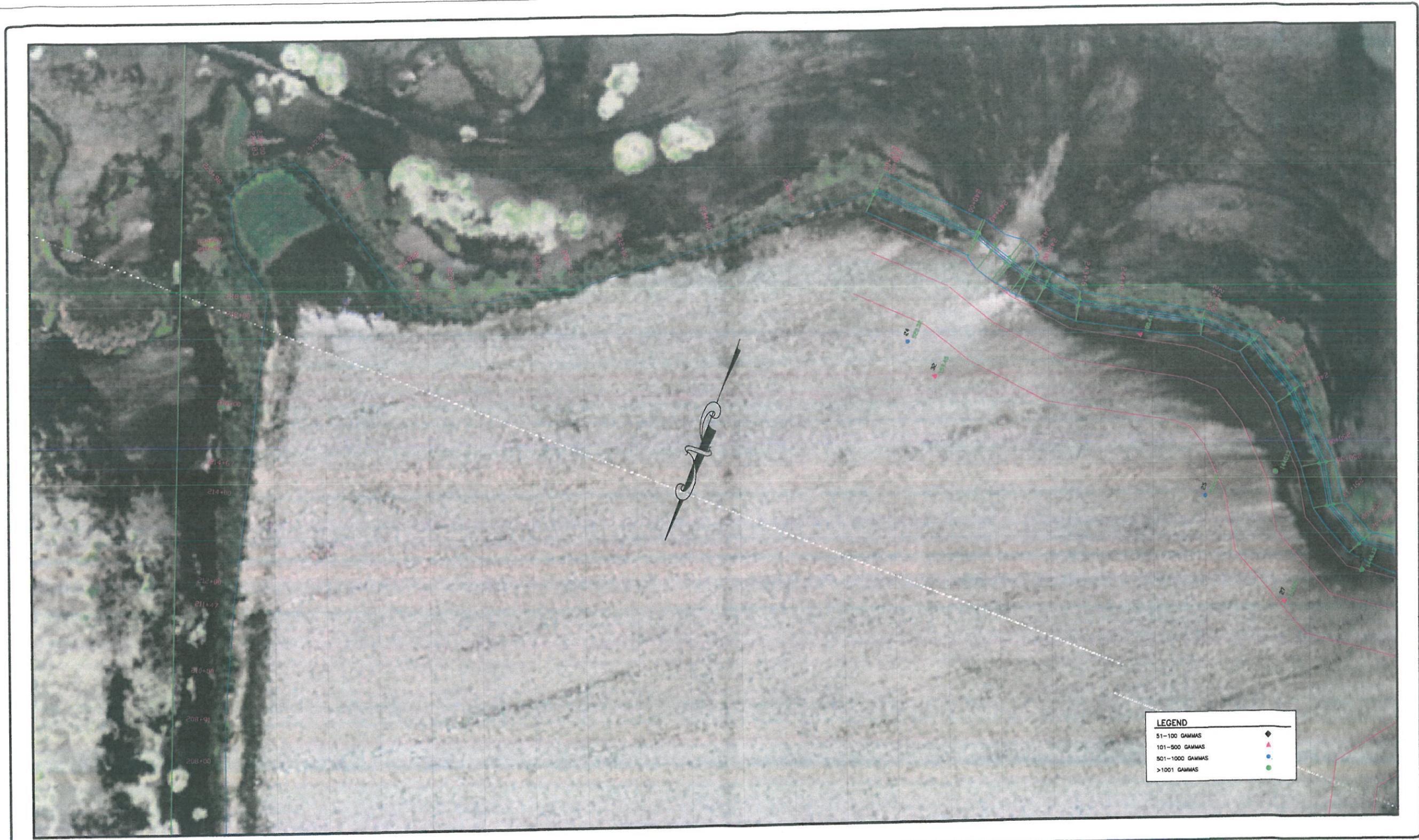
Henry J. Williams
 SIGNATURE:
 DATE: 11/2/12

BAYOU COUNTRY SURVEYING, LLC
 Professional Land Surveyors
 PO Box 156 Labadieville, LA. 70372
 Office 985-369-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		PROJECT:

SOUTHERN DELTA CONSTRUCTION
 BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 JUG LAKE AREA
 MAG SURVEY STA 240+35 - STA 310+02
 TERREBONNE PARISH, LOUISIANA

SHEET
 1
 OF 6 SHEETS



LEGEND	
51-100 GAMMAS	◆
101-500 GAMMAS	▲
501-1000 GAMMAS	●
>1001 GAMMAS	●

PROJECT NO: 2014
DIRECTORY: Z:\JOBS2\2014
FILE: MAG SHEETS.DWG
FIELD BOOK:
MAP NO.

DATE	DESCRIPTION	BY
11/2/12	REVISED MAG SURVEY LAYOUT	HES



STAMP

SIGNATURE: *W. J. ...*

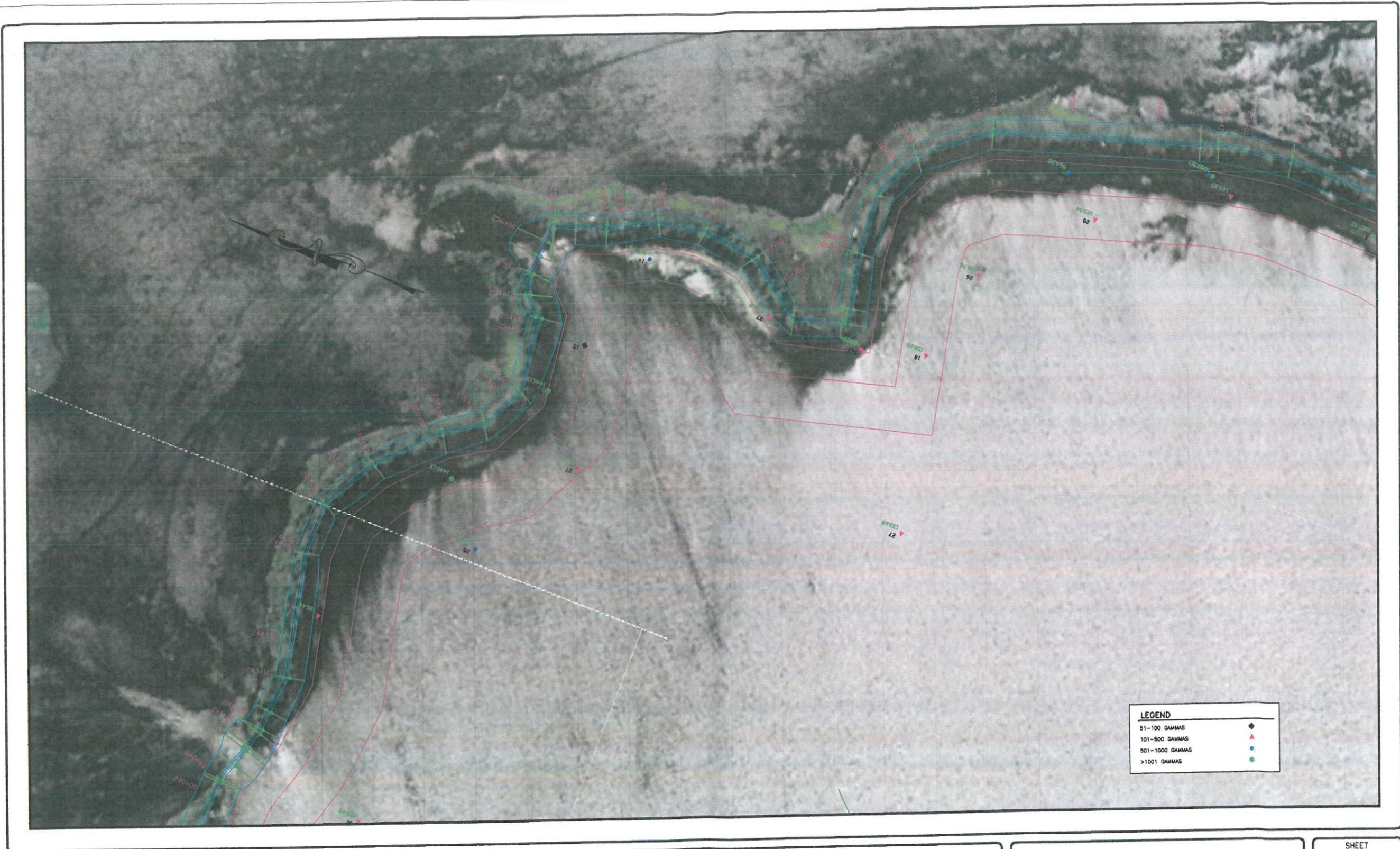
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Professional Land Surveyors
PO Box 156 Labadieville, LA 70372
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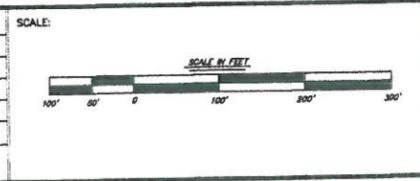
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OF 6 SHEETS



LEGEND	
51-100 GAMMAS	◆
101-500 GAMMAS	▲
501-1000 GAMMAS	●
>1001 GAMMAS	●

PROJECT NO:	2014
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STAMP

SIGNATURE: *Henry J. Gaudette*

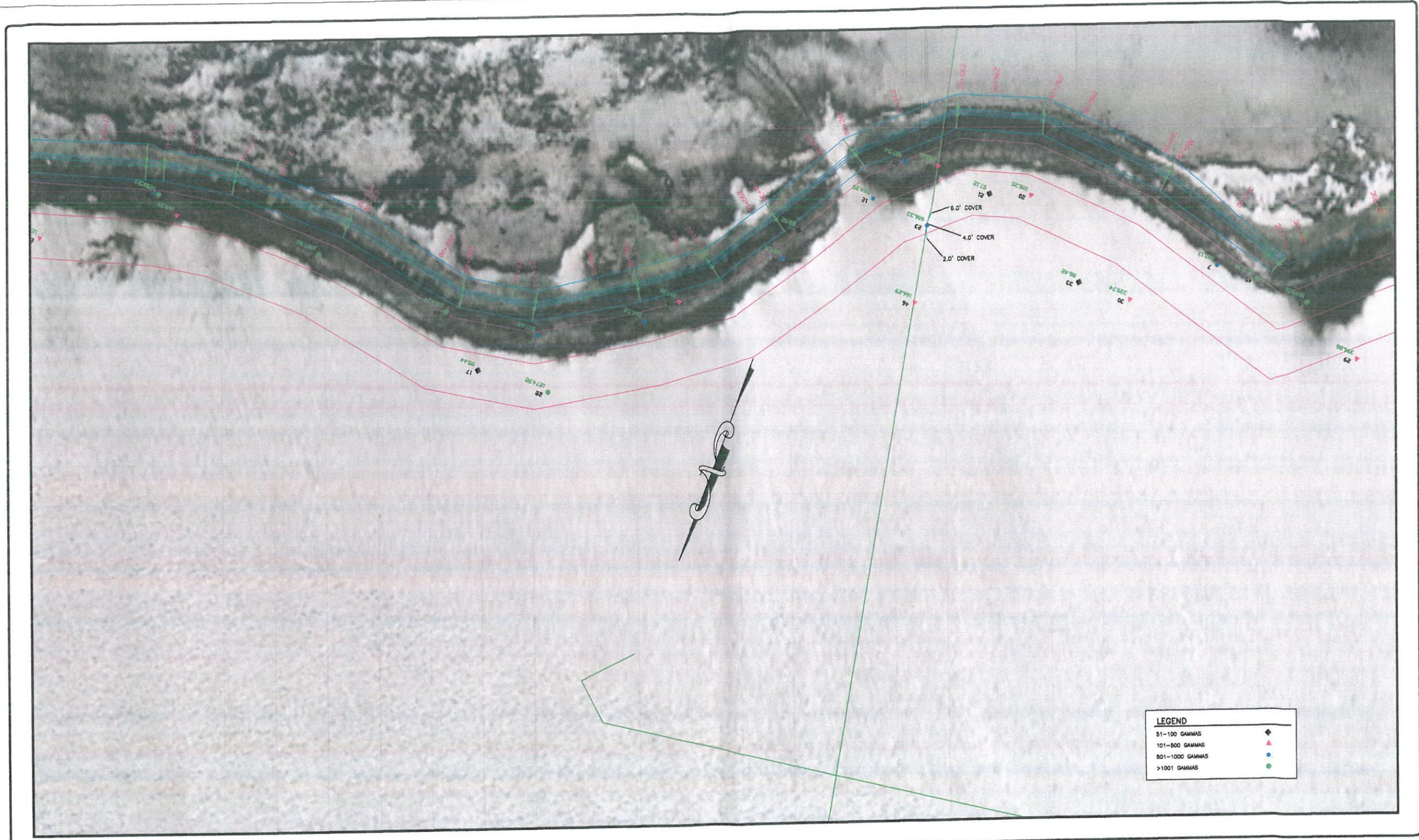
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 PO Box 156 Labadieville, LA 70372
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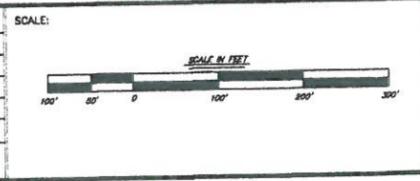
SHEET
 3
 OF 6 SHEETS



LEGEND	
51-100 GAMMAS	◆
101-500 GAMMAS	▲
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PROJECT NO: 2014
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	REVISION	



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SIGNATURE: *Henry J. Harty*

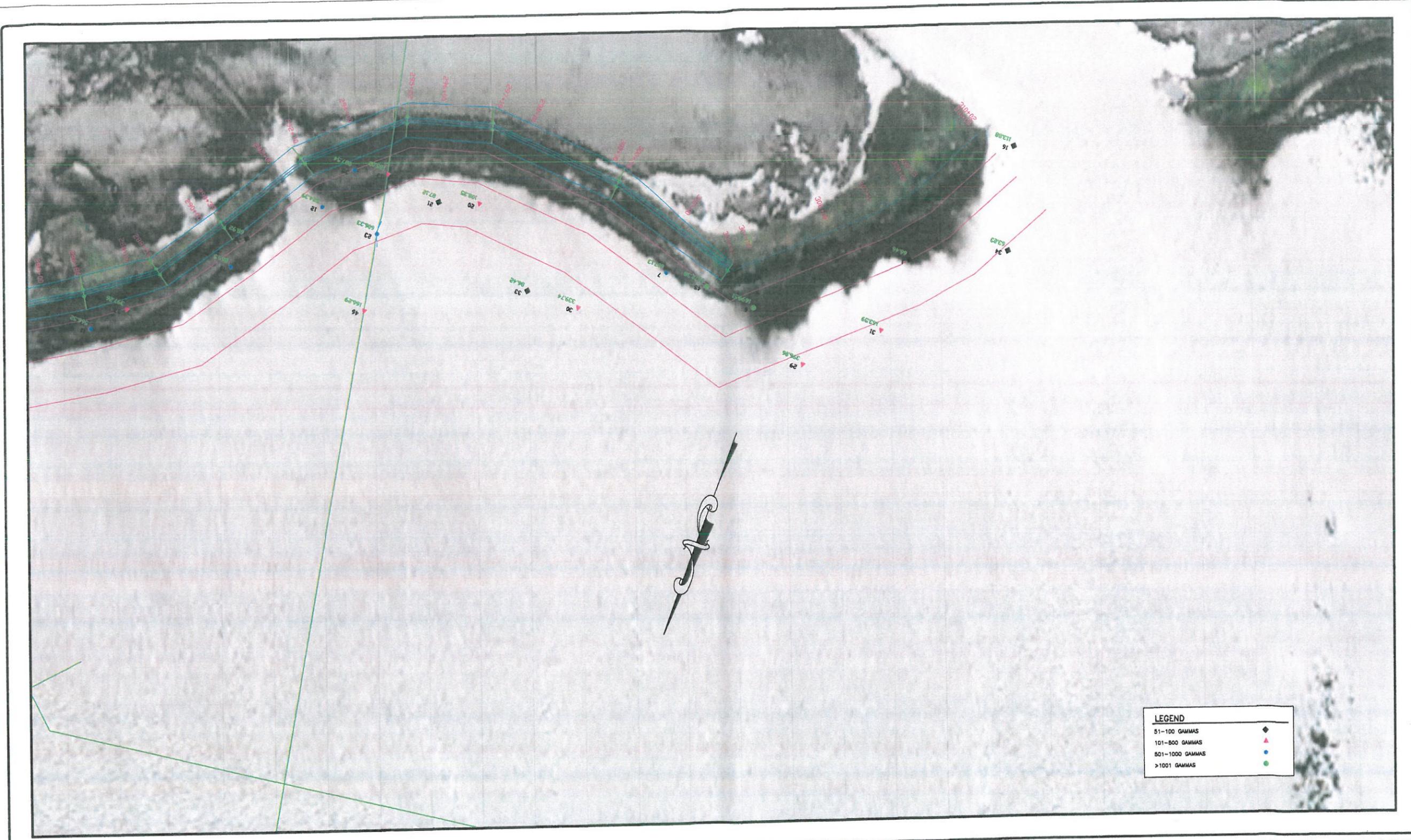
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BAYOU COUNTRY SURVEYING, LLC
Professional Land Surveyors
PO Box 156 Labadieville, LA 70372
Office 985-389-2722

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CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		PROJECT:

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2012 MAINTENANCE PROJECT
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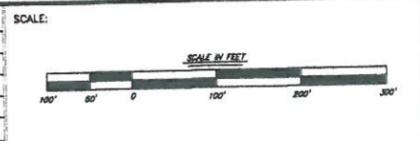
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4
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LEGEND	
51-100 GAMMAS	◆
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	REVISION	



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SIGNATURE: *Henry J. Gouffier*

DATE: 11/2/12

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 PO Box 156 Labadieville, LA. 70372
 Office 985-359-2722

DESIGNED:	DETAILED:	TRACED:
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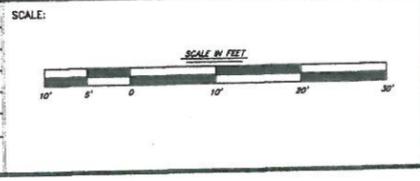
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SHEET
 5
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PT	NORTHING	EASTING	AMPLITUDE	TYPE	WIDTH
1	316512.81	3403257.28	66.46	DIPOLE	67
2	317427.69	3405375.91	2013.34	MONOPOLE	34
3	317407.59	3406089.2	797.33	DIPOLE	32
4	317515.5	3406393.13	564.38	DIPOLE	17
5	318053.86	3406692.52	488.33	MONOPOLE	13
6	316734.81	3403552.63	1699.51	COMPLEX	190
7	316728.87	3403769.33	607.13	MONOPOLE	13
8	318648.59	3407477.57	1440.13	COMPLEX	35
9	317407.02	3405692.64	1087.92	MONOPOLE	67
10	317053.46	3404699.39	869.5	COMPLEX	34
11	317293.86	3404947.83	566.52	COMPLEX	234
12	316857.01	3404554.22	524.39	DIPOLE	5
13	316737.6	3404440.51	185.08	MONOPOLE	54
14	318028.48	3407228.72	865.79	MONOPOLE	52
15	318262.16	3407299.44	70.97	COMPLEX	104
16	316193.41	3403123.44	113.88	DIPOLE	6
17	317525.6	3405262.38	95.44	DIPOLE	4
18	318015.52	3406553.9	158.09	DIPOLE	6
19	317437.14	3406025.31	149.35	MONOPOLE	1
20	316728.08	3404219.33	108.35	MONOPOLE	19
21	316756.64	3404309.25	87.12	DIPOLE	4
22	317517.07	3405095.09	1274.92	DIPOLE	1
23	316871.77	3404417.01	606.33	MONOPOLE	30
24	319533.11	3407458.18	522.32	COMPLEX	240
25	318779.66	3407370.08	522.32	DIPOLE	16
26	317805.3	3406504.97	160.76	DIPOLE	4
27	318528.66	3407214.76	133.69	MONOPOLE	30
28	317594.55	3406298.06	123.94	DIPOLE	10
29	316815.21	3403403.39	396.86	DIPOLE	5
30	316869.98	3403928.07	339.74	MONOPOLE	12
31	316683.13	3403263.39	163.59	DIPOLE	4
32	319449.1	3407406.32	159.45	COMPLEX	30
33	316873.16	3404050.09	86.42	MONOPOLE	25
34	316417.84	3403053.79	63.23	DIPOLE	15
35	316754.14	3404515.06	987.54	MONOPOLE	22
36	316981.12	3404688.74	68.92	DIPOLE	1
37	317224.98	3404887.89	397.26	MONOPOLE	30
38	317405.52	3405160.67	537.68	DIPOLE	3
39	317427.69	3405375.91	2013.34	COMPLEX	35
40	317408.32	3406081.16	1653.5	DIPOLE	32
41	317515.5	3406393.13	564.38	DIPOLE	17
42	318051.55	3406700.11	389.99	MONOPOLE	13
43	318387.31	3407341.87	1446.13	MONOPOLE	26
44	319044.99	3407656.57	180.44	DIPOLE	1
45	316725.7	3403670.53	1672.38	DIPOLE	20
46	317042.85	3404383.25	166.29	MONOPOLE	34

PROJECT NO: 2014
DIRECTORY: Z:\JOBS2\2014
FILE: MAG SHEETS.DWG
FIELD BOOK:
MAP NO.

DATE	DESCRIPTION	BY
11/2/12	REVISED MAG SURVEY LAYOUT	HES



STAMP

SIGNATURE: *Henry J. Goulet*

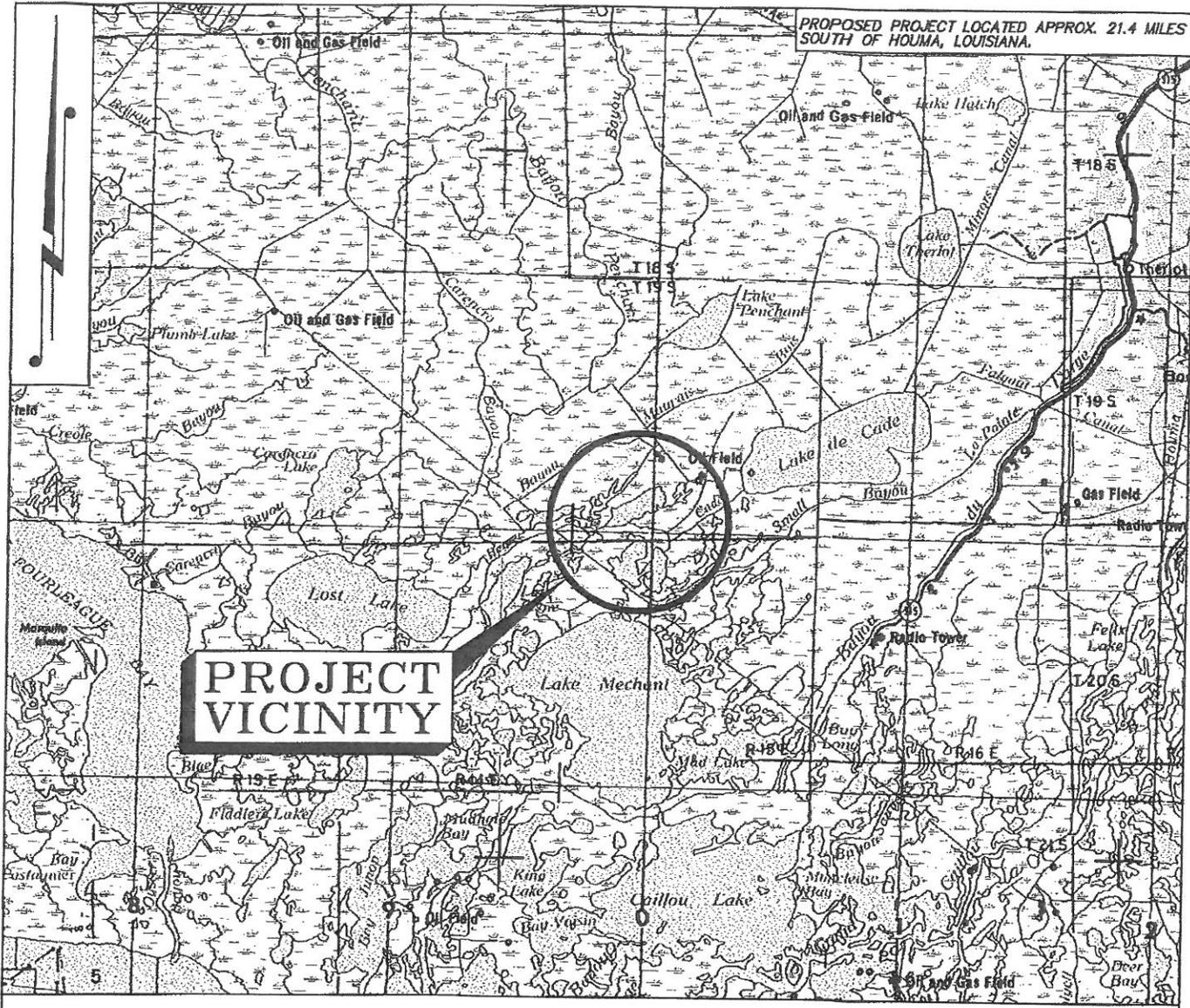
DATE: 11/2/12

BAYOU COUNTRY SURVEYING, LLC
Professional Land Surveyors
PO Box 156 Labadieville, LA 70372
Office 985-369-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		PROJECT:

SOUTHERN DELTA CONSTRUCTION
BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT
JUG LAKE AREA
MAG SURVEY STA 240+35 - STA 310+02
TERREBONNE PARISH, LOUISIANA

SHEET
6
OF 6 SHEETS



**PROJECT
VICINITY**

THESE PLATS TO BE USED FOR
WETLAND PERMITTING PURPOSES ONLY

VICINITY MAP

APPROVED:

SCALE: 1" = 4 MILES

JOHN C. MATTINGLY
L.A. LAND SURVEYOR REG. NO. 4710

NO.	DATE	REVISION

ASPECT ENERGY, LLC

**AS-BUILT 3" FLOWLINE AND HEATER PLATFORM
TO SERVE THE SL 17894 NO. 1 WELL
LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
LAKE PAGIE FIELD
TERREBONNE PARISH, LOUISIANA**



T. BAKER SMITH
PROFESSIONAL CONSULTANTS SINCE 1913
(985) 888-1050 www.tbsmith.com

DRAWN BY:	C.E.T.	SHEET	1	OF	8
APPROVED BY:	J.C.M.	DRAWING NAME:	051442AB01.DWG		
SCALE:	1"=4 MILES	JOB NUMBER:	2005.1442		
DATE:	03/02/07	MAP NUMBER:			

TERREBONNE PARISH, LOUISIANA

Sec. 33

Sec. 32

MATCHLINE A

ALMI
BR/LL&E

T 19 S - R 15 E
T 20 S - R 15 E

NOTE: ALL SOUNDINGS REDUCED TO = 0.0' N.G.V.D. M.L.W.

PNT. NO.	COORDINATES (NAD 83)		COORDINATES (NAD 83)		MUD COVER	WATER DEPTH	T.O.P.
	LAT	LONG	X	Y			
1	29° 21' 31.72"	90° 56' 36.60"	3,405,024.53	311,505.14	S.L. 17894 #1 WELL		
2	29° 21' 21.13"	90° 56' 37.35"	3,404,958.03	311,464.17	0.6	3.8	4.4
3	29° 21' 21.32"	90° 56' 38.99"	3,404,989.80	311,483.83	2.0	3.8	5.8
4	29° 21' 21.03"	90° 56' 37.77"	3,404,920.75	311,454.33			
5	29° 21' 21.12"	90° 56' 37.78"	3,404,920.13	311,462.89	3.9	3.1	7.0
6	29° 21' 21.84"	90° 56' 37.80"	3,404,918.56	311,536.12	4.3	3.4	7.7
7	29° 21' 22.97"	90° 56' 37.86"	3,404,912.15	311,650.10	4.3	2.4	6.7
8	29° 21' 24.20"	90° 56' 37.90"	3,404,908.15	311,774.21	4.0	3.6	7.6
9	29° 21' 25.61"	90° 56' 38.07"	3,404,893.13	311,916.40	4.6	4.1	8.7
10	29° 21' 26.98"	90° 56' 38.20"	3,404,881.51	312,055.42	5.8	3.7	9.5
11	29° 21' 28.56"	90° 56' 38.26"	3,404,874.88	312,215.28	4.9	3.8	8.7
12	29° 21' 30.15"	90° 56' 38.28"	3,404,872.91	312,375.56	4.0	2.9	6.9
13	29° 21' 31.68"	90° 56' 38.36"	3,404,865.56	312,529.49	5.0	3.8	8.8
14	29° 21' 33.08"	90° 56' 38.40"	3,404,861.39	312,671.29	4.2	3.5	7.7
15	29° 21' 34.37"	90° 56' 38.43"	3,404,858.26	312,801.53	4.4	2.9	7.3
16	29° 21' 35.61"	90° 56' 38.52"	3,404,849.82	312,927.25	4.3	2.8	7.1
17	29° 21' 36.76"	90° 56' 38.59"	3,404,843.55	313,042.61	4.8	3.5	8.2
18	29° 21' 38.11"	90° 56' 38.65"	3,404,840.64	313,179.52	4.0	3.8	7.8
19	29° 21' 39.44"	90° 56' 38.61"	3,404,840.75	313,313.96	4.3	2.8	7.1
20	29° 21' 41.57"	90° 56' 38.67"	3,404,834.54	313,528.93	4.4	2.8	7.2
21	29° 21' 43.62"	90° 56' 38.76"	3,404,826.24	313,738.17	4.1	2.8	6.9
22	29° 21' 46.35"	90° 56' 38.82"	3,404,819.20	314,011.45	4.3	2.6	6.9
23	29° 21' 48.23"	90° 56' 38.98"	3,404,804.73	314,201.97	2.5	4.6	7.1

AS-BUILT 3" FLOWLINE

Sec. 5

Apache Louisiana Minerals, Inc. (ALMI)
Burlington Resources / LL&E

Sec. 4

BEGIN AS-BUILT 3" FLOWLINE AT EXISTING SL 17894 #1 WELL
LAT.=29°21'21.53" (NAD 83)
LONG.=90°56'36.60" (NAD 83)
X=3,405,024.53
Y=311,505.14 (NAD 83)
X=2,124,224.49
Y=250,800.55 (NAD 27)

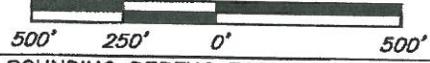
BEGIN AS-BUILT 3" F/L AT HEATER PLATFORM
LAT.=29°21'21.04" (NAD 83)
LONG.=90°56'37.62" (NAD 83)
X=3,404,935 (NAD 83)
Y=311,456

RACCOURCI BAY

AS-BUILT 10'x20' HEATER PLATFORM

SCALE IN FEET

THESE PLATS TO BE USED FOR WETLAND PERMITTING PURPOSES ONLY



APPROVED:

JOHN C. MATTINGLY
LA. LAND SURVEYOR REG. NO. 4710

01	09/06/07	REVISED SOUNDING DEPTHS FOR POINTS 7, 12, 14-23
NO.	DATE	REVISION

ASPECT ENERGY, LLC

AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM TO SERVE THE SL 17894 NO. 1 WELL LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E LAKE PAGIE FIELD TERREBONNE PARISH, LOUISIANA



T. BAKER SMITH
PROFESSIONAL CONSULTANTS SINCE 1913
(985) 898-1050 www.tbasmith.com

DRAWN BY:	C.E.T.	SHEET	2	OF	8
APPROVED BY:	J.C.M.	DRAWING NAME:	051442AB02.DWG		
SCALE:	1"=500'	JOB NUMBER:	2005.1442		
DATE:	03/02/07	MAP NUMBER:			

TERREBONNE PARISH, LOUISIANA

JUG LAKE

Sec. 32

MATCHLINE B

DRILL ENTRY (BOTH DIRECTIONS)

LAT.=29°22'15.14"
 LONG.=90°56'43.35" (NAD 83)
 X=3,404,408.82
 Y=316,918.98 (NAD 83)

BRADY CANAL
 CWPRA PROJECT TE-28

AS-BUILT 3" FLOWLINE

NOTE: ALL SOUNDINGS REDUCED TO = 0.0' N.G.V.D. M.L.W.

PNT. NO.	COORDINATES (NAD 83)		COORDINATES (NAD 83)		MUD COVER	WATER DEPTH	T.O.P.
	LAT	LONG	X	Y			
24	29°21'49.25"	90°56'39.05"	3,404,798.62	314,304.86	4.2	3.3	7.5
25	29°21'51.45"	90°56'39.07"	3,404,796.04	314,526.99	4.0	1.8	5.8
26	29°21'52.66"	90°56'39.15"	3,404,788.08	314,648.50	4.9	2.3	7.2
27	29°21'54.31"	90°56'39.20"	3,404,782.79	314,816.06	5.4	2.0	7.4
28	29°21'55.28"	90°56'39.22"	3,404,781.24	314,913.90	4.7	2.0	6.7
29	29°21'56.33"	90°56'39.28"	3,404,775.45	315,019.11	5.1	1.6	6.7
30	29°21'57.09"	90°56'39.32"	3,404,771.93	315,095.98	4.1	1.7	5.8
31	29°21'57.84"	90°56'39.36"	3,404,767.61	315,172.36	5.0	1.8	6.8
32	29°21'58.99"	90°56'39.52"	3,404,753.67	315,288.51	4.1	2.9	7.0
33	29°21'58.97"	90°56'39.93"	3,404,717.01	315,288.08	1.2	4.3	5.5
34	29°21'59.59"	90°56'39.58"	3,404,747.77	315,348.79	4.1	2.7	6.8
35	29°22'14.26"	90°56'43.21"	3,404,421.56	316,829.58	10.6	5.6	16.2
36	29°22'14.65"	90°56'43.24"	3,404,418.77	316,868.95	4.3	5.3	9.6
37	29°22'15.08"	90°56'43.44"	3,404,400.86	316,912.02	5.2	4.5	9.7
38	29°22'15.84"	90°56'43.50"	3,404,395.36	316,989.08	11.5	3.5	15

Apache Louisiana Minerals, Inc.

BAYOU DE CADE

DRILL EXIT
 LAT.=29°21'59.63"
 LONG.=90°56'39.59" (NAD 83)
 X=3,404,746.96 (NAD 83)
 Y=315,352.47

Apache Louisiana Minerals, Inc.

MATCHLINE A

SCALE IN FEET



THESE PLATS TO BE USED FOR WETLAND PERMITTING PURPOSES ONLY

APPROVED:

JOHN C. MATTINGLY
 L.A. LAND SURVEYOR REG. NO. 4710

01	09/06/07
NO.	DATE

REVISED SOUNDING DEPTHS FOR POINTS 25, 27-34
 REVISION

ASPECT ENERGY, LLC

AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
 TO SERVE THE SL 17894 NO. 1 WELL
 LOCATED IN SEC. 5, T20S-R15E, SEC. 29 & 32, S19S-R15E
 LAKE PAGIE FIELD
 TERREBONNE PARISH, LOUISIANA



T. BAKER SMITH
 PROFESSIONAL CONSULTANTS SINCE 1913
 (985) 868-1050 www.tbsmith.com

DRAWN BY: C.E.T.

SHEET 3 OF 8

APPROVED BY: J.C.M.

DRAWING NAME: 051442AB03.DWG

SCALE: 1"=500'

JOB NUMBER: 2005.1442

DATE: 03/02/07

MAP NUMBER:

TERREBONNE PARISH, LOUISIANA

**END AS-BUILT 3" FLOWLINE AT
EXISTING APACHE CF #1 PLATFORM**

LAT.=29°22'41.95" (NAD 83)
LONG.=90°56'51.24"
X=3,403,701.65 (NAD 83)
Y=319,624.21

Apache Louisiana
Minerals, Inc.

MULTIPLE
FLOWLINES

FLARE

Sec. 29

DRILL EXIT

LAT.=29°22'41.25" (NAD 83)
LONG.=90°56'50.63" (NAD 83)
X=3,403,756.15 (NAD 83)
Y=319,553.37 (NAD 83)

BRADY CANAL
CWPPRA PROJECT TE-28

NOTE: ALL SOUNDINGS REDUCED TO = 0.0' N.G.V.D. M.L.W.

PNT. NO.	COORDINATES (NAD 83)		COORDINATES (NAD 83)		MUD COVER	WATER DEPTH	T.O.P.
	LAT	LONG	X	Y			
39	29°22'27.63"	90°56'46.06"	3,404,164.82	318,179.25	12.8	4.0	16.8
40	29°22'28.25"	90°56'46.17"	3,404,155.15	318,242.35	4.5	3.0	8.0
41	29°22'29.70"	90°56'46.38"	3,404,135.64	318,387.90	4.6	4.3	8.9
42	29°22'31.72"	90°56'46.80"	3,404,097.67	318,592.42	5.0	3.7	8.7
43	29°22'32.12"	90°56'47.03"	3,404,077.47	318,632.51	4.1	4.9	9
44	29°22'32.30"	90°56'47.03"	3,404,077.41	318,650.69	7.3	4.5	11.8
45	29°22'32.54"	90°56'47.09"	3,404,072.02	318,674.92	11	4.1	15.1
46	29°22'34.15"	90°56'47.76"	3,404,012.19	318,837.35	-	-	-
47	29°22'36.19"	90°56'48.49"	3,403,946.91	319,043.20	-	-	-
48	29°22'37.66"	90°56'49.10"	3,403,892.44	319,191.51	-	-	-
49	29°22'38.88"	90°56'49.67"	3,403,841.59	319,314.57	TINKER & RASER	-	-
50	29°22'39.22"	90°56'49.92"	3,403,819.36	319,348.84	18.4	1.1	19.5
51	29°22'40.40"	90°56'50.42"	3,403,774.72	319,467.89	9.7	1.1	19.5
52	29°22'40.55"	90°56'50.50"	3,403,767.59	319,483.02	9.5	-	9.5
53	29°22'40.93"	90°56'50.65"	3,403,754.19	319,521.36	4.8	-	4.8
54	29°22'41.19"	90°56'50.65"	3,403,754.10	319,547.62	PIPELINE EXPOSED	-	-
55	29°22'41.34"	90°56'50.70"	3,403,749.63	319,562.76	PIPELINE EXPOSED	-	-
56	29°22'41.95"	90°56'51.24"	3,403,701.65	319,624.21	3" RISER	-	-

MULTIPLE
FLOWLINES

DRILL ENTRY

LAT.=29°22'32.97" (NAD 83)
LONG.=90°56'47.25"
X=3,404,057.85 (NAD 83)
Y=318,718.42 (NAD 83)

DRILL EXIT

LAT.=29°22'28.74" (NAD 83)
LONG.=90°56'46.33"
X=3,404,140.63 (NAD 83)
Y=318,291.82 (NAD 83)

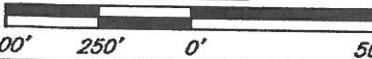
JUG LAKE

Sec. 32

AS-BUILT 3" FLOWLINE

MATCHLINE B

SCALE IN FEET



THESE PLATS TO BE USED FOR
WETLAND PERMITTING PURPOSES ONLY

APPROVED:

JOHN C. MATTINGLY
L.A. LAND SURVEYOR REG. NO. 4710

01 09/06/07 REVISED SOUNDING DEPTHS FOR POINTS 40-42

NO. DATE REVISION

ASPECT ENERGY, LLC

**AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
TO SERVE THE SL 17894 NO. 1 WELL
LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
LAKE PAGIE FIELD
TERREBONNE PARISH, LOUISIANA**



T. BAKER SMITH
PROFESSIONAL CONSULTANTS SINCE 1943
(985) 868-1050 www.tbsmith.com

DRAWN BY: C.E.T.

SHEET 4 OF 8

APPROVED BY: J.C.M.

DRAWING NAME: 051442AB04.DWG

SCALE: 1"=500'

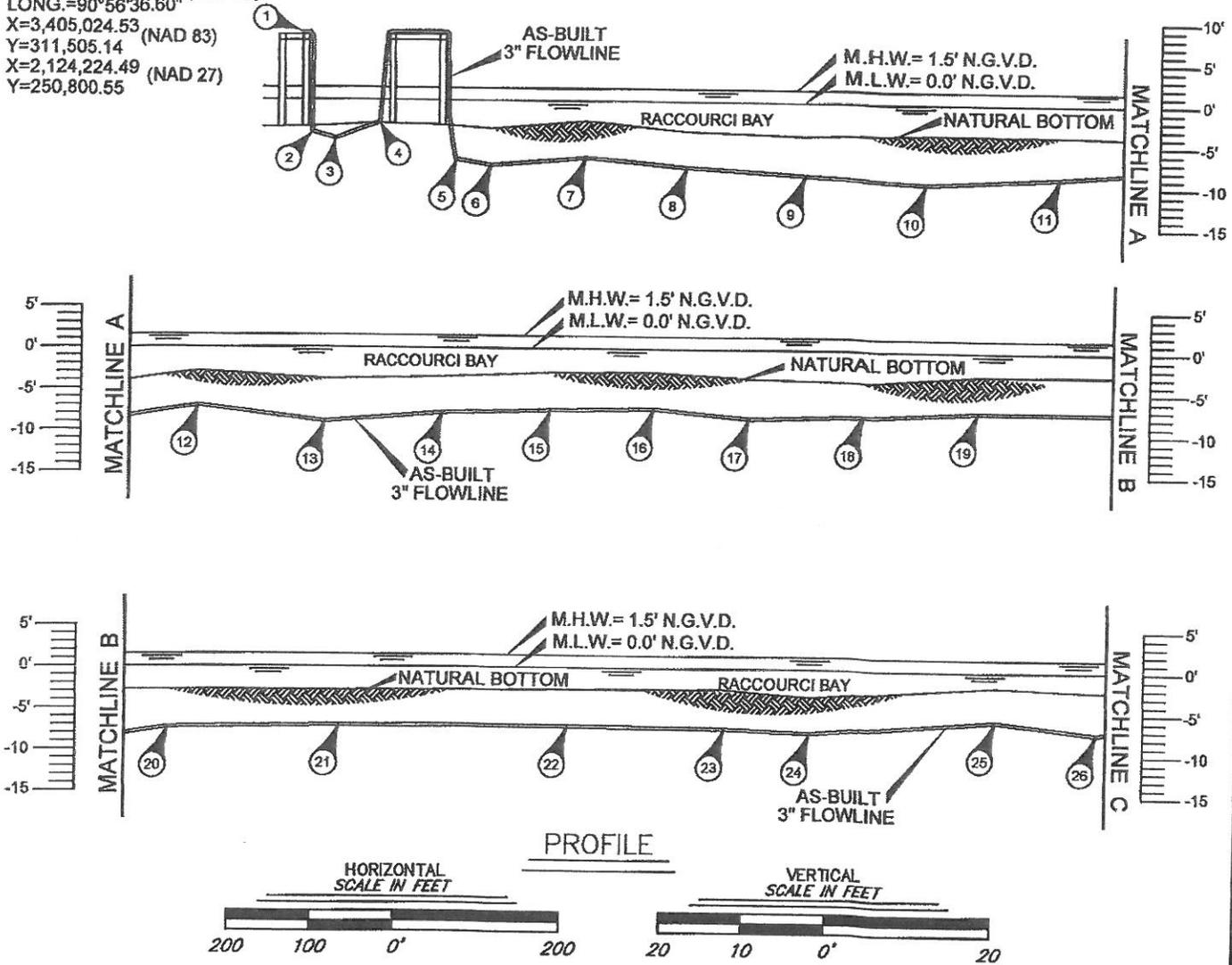
JOB NUMBER: 2005.1442

DATE: 03/02/07

MAP NUMBER:

BEGIN AS-BUILT 3" FLOWLINE
AT EXISTING SL 17894 #1 WELL

LAT.=29°21'21.53"
LONG.=90°56'36.60" (NAD 83)
X=3,405,024.53 (NAD 83)
Y=311,505.14 (NAD 83)
X=2,124,224.49 (NAD 27)
Y=250,800.55



APPROVED: _____
JOHN C. MATTINGLY
L.A. LAND SURVEYOR REG. NO. 4710

THESE PLATS TO BE USED FOR
WETLAND PERMITTING PURPOSES ONLY

01	09/06/07	REVISED DEPTH OF SOUNDINGS FOR POINTS 7, 12, 14-23, 25
NO.	DATE	REVISION

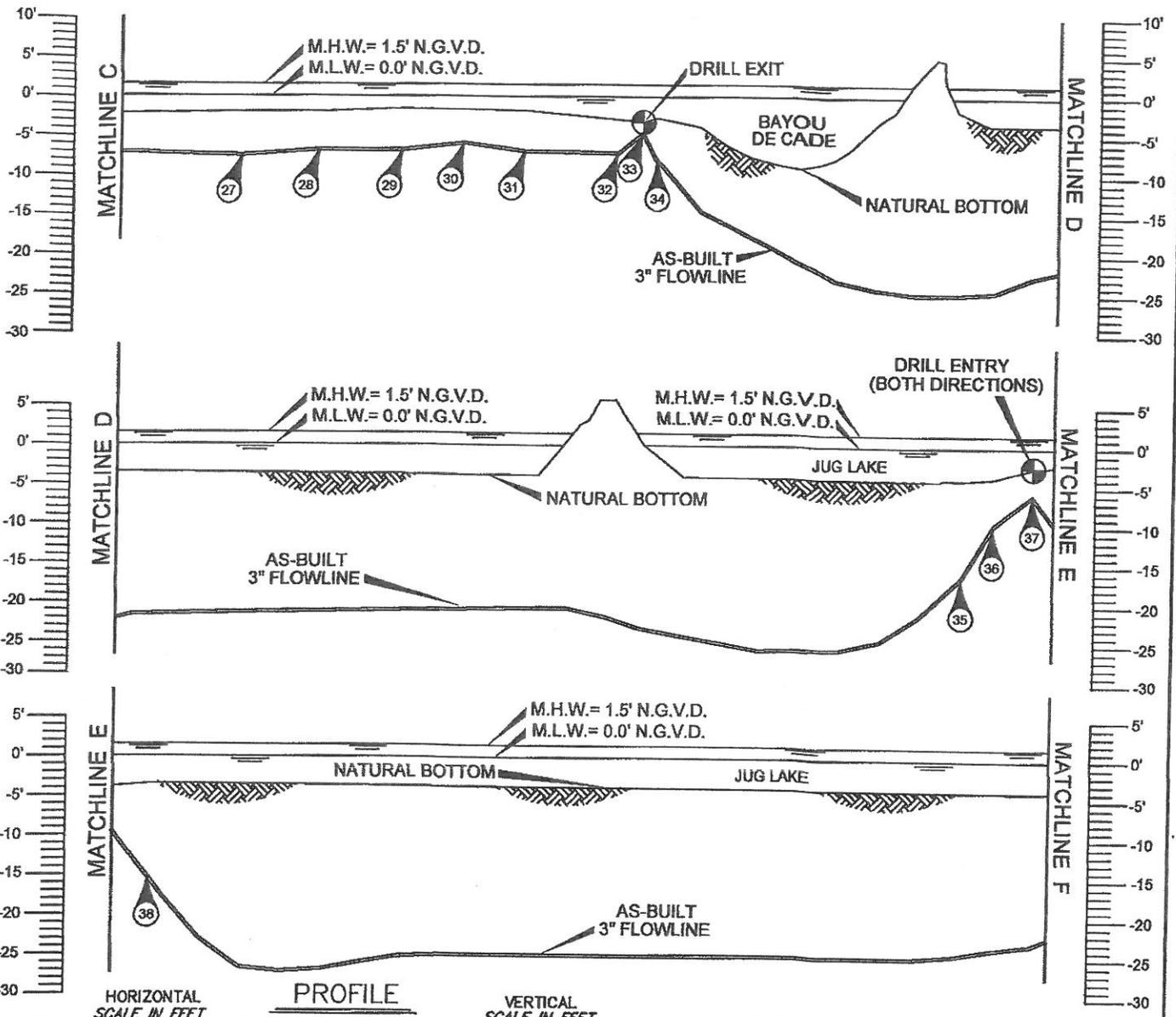
ASPECT ENERGY, LLC

AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
TO SERVE THE SL 17894 NO. 1 WELL
LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
LAKE PAGIE FIELD
TERREBONNE PARISH, LOUISIANA



T. BAKER SMITH
PROFESSIONAL CONSULTANTS SINCE 1913
(985) 888-1050 www.tbsmith.com

DRAWN BY:	C.E.T.	SHEET	5	OF	8
APPROVED BY:	J.C.M.	DRAWING NAME:	051442AB05.DWG		
SCALE:	AS SHOWN	JOB NUMBER:	2005.1442		
DATE:	03/02/07	MAP NUMBER:			



PROFILE

HORIZONTAL SCALE IN FEET VERTICAL SCALE IN FEET

200 100 0' 200 20 10 0' 20

APPROVED: **JOHN C. MATTINGLY**
L.A. LAND SURVEYOR REG. NO. 4710

01	09/06/07	REVISED SOUNDING DEPTHS FOR POINTS 27-34
NO.	DATE	REVISION

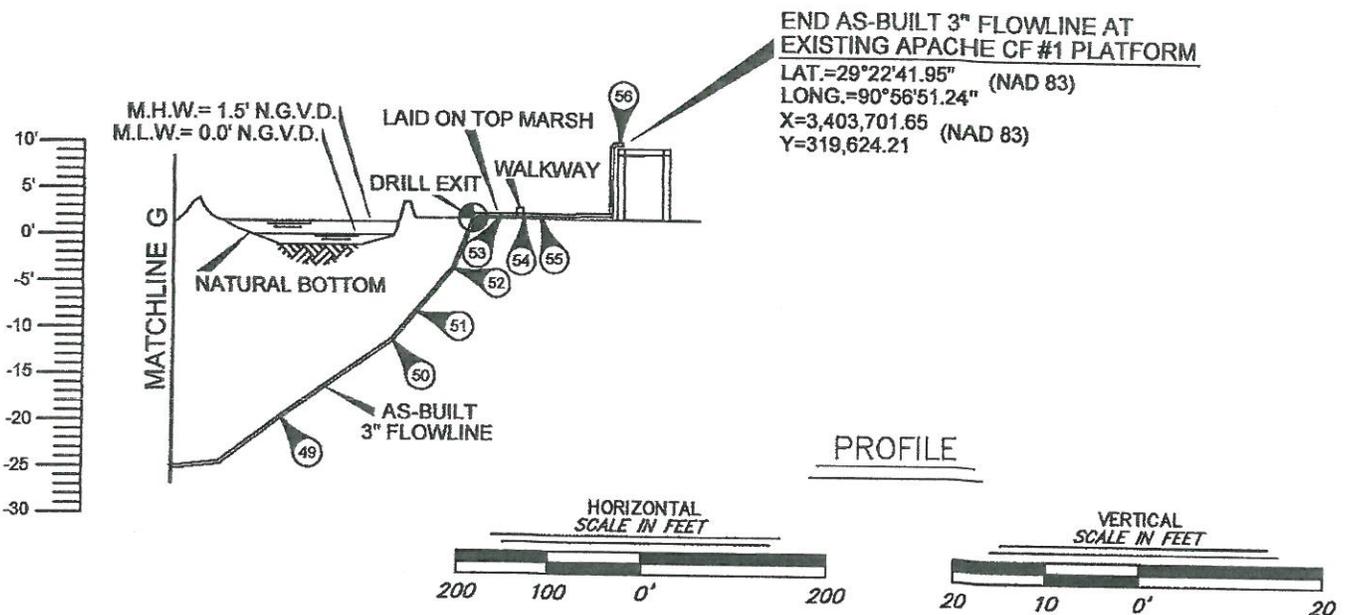
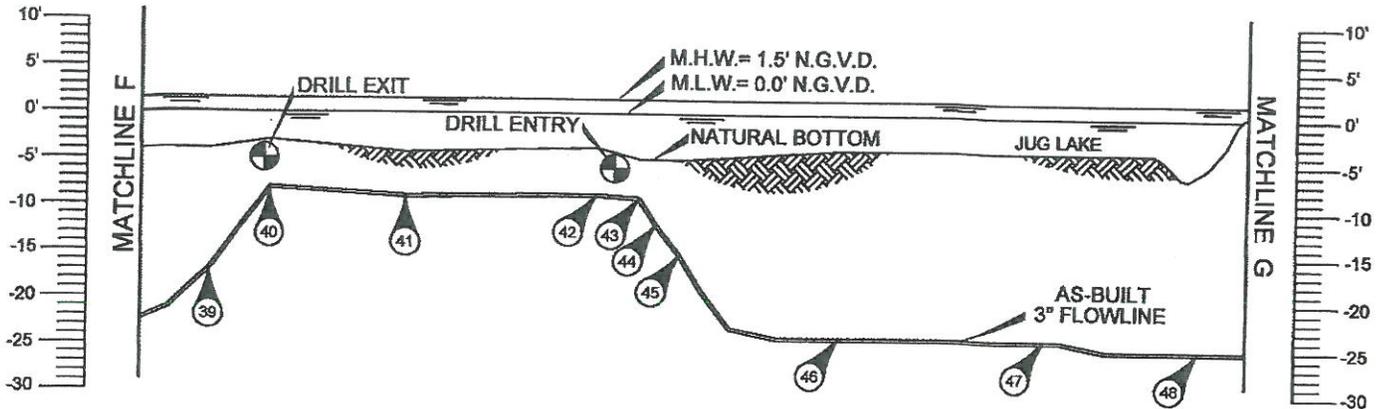
ASPECT ENERGY, LLC

**AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
TO SERVE THE SL 17894 NO. 1 WELL
LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
LAKE PAGIE FIELD
TERREBONNE PARISH, LOUISIANA**



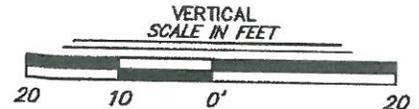
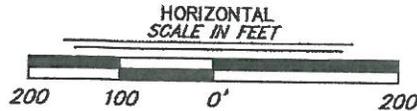
T. BAKER SMITH
PROFESSIONAL CONSULTANTS SINCE 1913
(985) 868-1050 www.tbsmith.com

DRAWN BY:	C.E.T.	SHEET	6 OF 8
APPROVED BY:	J.C.M.	DRAWING NAME:	051442AB06.DWG
SCALE:	AS SHOWN	JOB NUMBER:	2005.1442
DATE:	03/02/07	MAP NUMBER:	



END AS-BUILT 3" FLOWLINE AT
 EXISTING APACHE CF #1 PLATFORM
 LAT.=29°22'41.95" (NAD 83)
 LONG.=90°56'51.24" (NAD 83)
 X=3,403,701.65 (NAD 83)
 Y=319,624.21

PROFILE



THESE PLATS TO BE USED FOR
 WETLAND PERMITTING PURPOSES ONLY

APPROVED: _____

JOHN C. MATTINGLY
 L.A. LAND SURVEYOR REG. NO. 4710

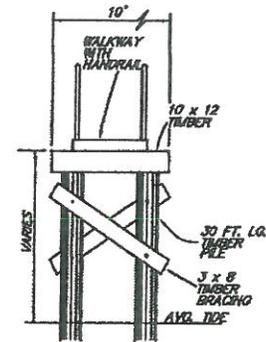
01	09/06/07	REVISED SOUNDING DEPTHS FOR POINTS 40-42
NO.	DATE	REVISION

ASPECT ENERGY, LLC

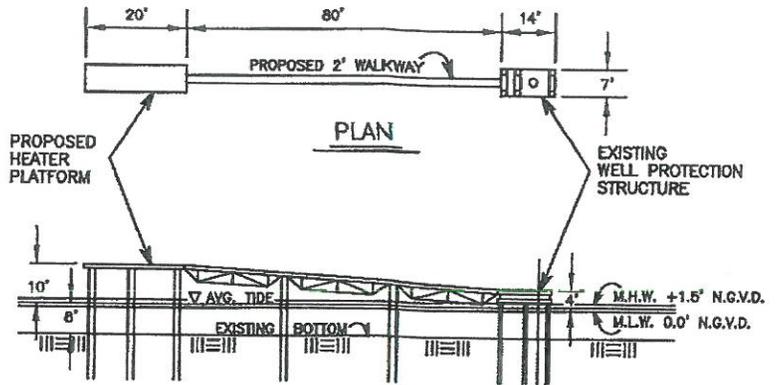
AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
 TO SERVE THE SL 17894 NO. 1 WELL
 LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
 LAKE PAGIE FIELD
 TERREBONNE PARISH, LOUISIANA



DRAWN BY:	C.E.T.	SHEET	7	OF	8
APPROVED BY:	J.C.M.	DRAWING NAME:	051442AB07.DWG		
SCALE:	AS SHOWN	JOB NUMBER:	2005.1442		
DATE:	03/02/07	MAP NUMBER:			



WALKWAY DETAIL
NOT TO SCALE



ELEVATION
DETAIL FOR HEATER PLATFORM & WALKWAY
NOT TO SCALE

NOTES

ALL STRUCTURES, FACILITIES, WELLS AND PIPELINES/FLOWLINES OCCURRING IN OPEN WATER AREAS, OR IN OILFIELD CANALS, OR SLIPS SHALL BE REMOVED WITHIN 120 DAYS OF ABANDONMENT OF THE FACILITIES FOR THE HEREIN PERMITTED USE, UNLESS PRIOR WRITTEN APPROVAL TO LEAVE SUCH STRUCTURES IN PLACE IS RECEIVED FROM THE COASTAL MANAGEMENT DIVISION. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED FOR SUCH ACTIVITIES.

AS-BUILT DRAWINGS SHALL BE SUBMITTED, IF REQUIRED, WITHIN 30 DAYS OF COMPLETION OF THIS PROJECT TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, COASTAL MANAGEMENT DIVISION AND OFFICE OF CONSERVATION, PIPELINE SAFETY DIVISION, POST OFFICE BOX 44487, BATON ROUGE, LA 70804-4487.

IN ORDER TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITTEE SHALL CONTACT LOUISIANA ONE CALL (1-800-272-3020) A MINIMUM OF 96 HOURS PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION (DIGGING, DREDGING, JETTING, ETC.) OR DEMOLITION ACTIVITY.

A RIGHT OF WAY GRANT WILL BE OBTAINED FROM THE LA STATE LAND OFFICE SHOULD ONE BE REQUIRED PRIOR TO ANY CONSTRUCTION ACTIVITIES.

NO TRACK OR WHEEL-TYPE VEHICLES TO BE USED DURING THE INSTALLATION OF PERMITTED FLOWLINES UNLESS NOTED OTHERWISE HEREIN.

APPROVED: _____

JOHN C. MATTINGLY
LA. LAND SURVEYOR REG. NO. 4710

THESE PLATS TO BE USED FOR
WETLAND PERMITTING PURPOSES ONLY

NO.	DATE	REVISION

ASPECT ENERGY, LLC

**AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
TO SERVE THE SL 17894 NO. 1 WELL
LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
LAKE PAGIE FIELD
TERREBONNE PARISH, LOUISIANA**



T. BAKER SMITH
PROFESSIONAL CONSULTANTS SINCE 1873
(985) 868-1050 www.tbsmith.com

DRAWN BY:	C.E.T.	SHEET	8	OF	8
APPROVED BY:	J.C.M.	DRAWING NAME:	051442AB08.DWG		
SCALE:	NONE	JOB NUMBER:	2005.1442		
DATE:	03/02/07	MAP NUMBER:			



P.O. BOX 309 • BOURG, LOUISIANA 70343 • TELEPHONE & FAX 985/872-9405

November 2, 2012

Providence/GSE
991 Grand Caillou Road
Houma, LA 70363

Reference: Brady Canal Hydrologic Restoration Project (TE-28)
File No. T 28354 DL
Purchase Order Number 3854789

Attn: Mr Phil Schexnayder

Dear Sir,

Attached are three copies of the magnetometer survey performed by Mr Henry Schwartz of Bayou Country Surveying, LLC. All pipelines between station 238+00 and 310+50 have been probed and this area cleared for work. The remaining pipelines have been located by the magnetometer but have not yet been physically located. Further information will be submitted when these lines are located.

This plan has been reviewed by myself for compliance with the requirements of the contract and meets those requirements with no exceptions.

If you have any questions we can be reached at 985-209-9884.

Regards,
Southern Delta Construction, LLC

Michael Mayeux
Vice President

PLEASE NOTE: THE REMAINING PIPELINES MUST BE PHYSICALLY LOCATED PRIOR TO ANY WORK TAKING PLACE IN THEIR PROXIMITY.

REW

REVIEWED FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS

NO RESPONSIBILITY IS ASSUMED FOR QUANTITIES OR FOR CORRECTNESS OF DIMENSIONS OR DETAILS.

THIS REVIEW IS SUBJECT TO ALL TERMS AND CONDITIONS OF THE CONTRACT DOCUMENTS WITH SPECIAL REFERENCE TO WARRANTY REQUIREMENTS CONTAINED THEREIN. THE CONTRACTOR SHALL OBTAIN A CERTIFICATION FROM ALL SUPPLIERS AND/OR SUBCONTRACTORS THAT THEY ARE AWARE OF AND ARE ABIDING BY WARRANTY REQUIREMENTS OF THE CONTRACT DOCUMENTS.

NO EXCEPTIONS TAKEN
MAKE CORRECTIONS NOTED
REVISE & RESUBMIT
REMARKS: SEE REMARKS ✓

GSE ASSOCIATES, LLC

BY *REW* DATE 11/7/12



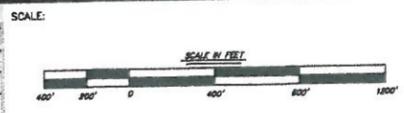
SKILL • RESPONSIBILITY • INTEGRITY



LEGEND
 APPROXIMATE LOCATION OF FLOWLINES PER SONRIS

PROJECT NO: 2014
 DIRECTORY: Z:\JOBS2\2014
 FILE: MAG SHEETS.DWG
 FIELD BOOK:
 MAP NO.

DATE	DESCRIPTION	BY
11/2/12	REVISED MAG SURVEY LAYOUT	HES
	REVISION	



STAMP

SIGNATURE: *[Handwritten Signature]*
 DATE: 11/2/12

BAYOU COUNTRY SURVEYING, LLC
 Professional Land Surveyors
 PO Box 156 Labadieville, LA 70372
 Office 985-369-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		PROJECT:

SOUTHERN DELTA CONSTRUCTION
 BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 JUG LAKE AREA
 MAG SURVEY STA 240+35 - STA 310+02
 TERREBONNE PARISH, LOUISIANA

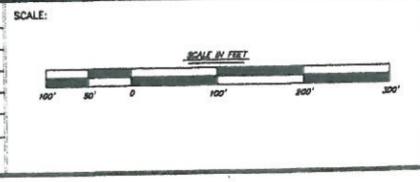
SHEET
 1
 OF 6 SHEETS



LEGEND	
51-100 GAMMAS	◆
101-500 GAMMAS	▲
501-1000 GAMMAS	●
>1001 GAMMAS	●

PROJECT NO:	2014
DIRECTORY:	Z:\JOBS2\2014
FILE:	MAG SHEETS.DWG
FIELD BOOK:	
MAP NO.:	

DATE	DESCRIPTION	BY
11/2/12	REVISED MAG SURVEY LAYOUT	HES



STAMP

SIGNATURE: *Young Williams*

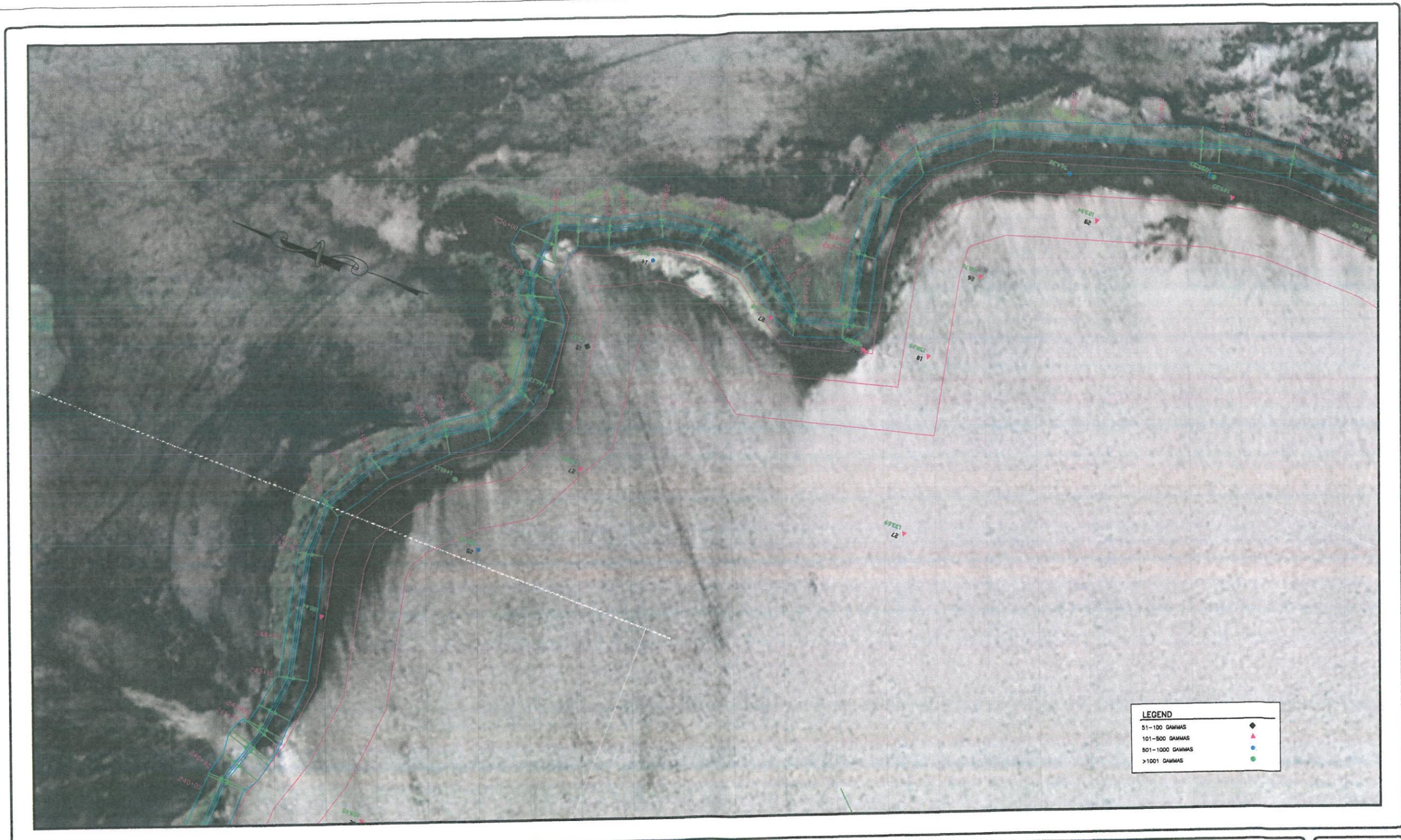
DATE: 11/2/12

BAYOU COUNTRY SURVEYING, LLC
 Professional Land Surveyors
 PO Box 156 Labadieville, LA 70372
 Office 985-359-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		PROJECT:

SOUTHERN DELTA CONSTRUCTION
 BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 JUG LAKE AREA
 MAG SURVEY STA 240+35 - STA 310+02
 TERREBONNE PARISH, LOUISIANA

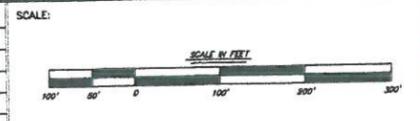
SHEET
 2
 OF 6 SHEETS



LEGEND	
51-100 GAMMAS	◆
101-500 GAMMAS	▲
501-1000 GAMMAS	●
>1001 GAMMAS	●

PROJECT NO:	2014
DIRECTORY:	Z:\JOBS2\2014
FILE:	MAG SHEETS.DWG
FIELD BOOK:	
MAP NO.:	

DATE	DESCRIPTION	BY
11/2/12	REVISED MAG SURVEY LAYOUT	HES
	REVISION	



STAMP

SIGNATURE: *Henry Quarterman*

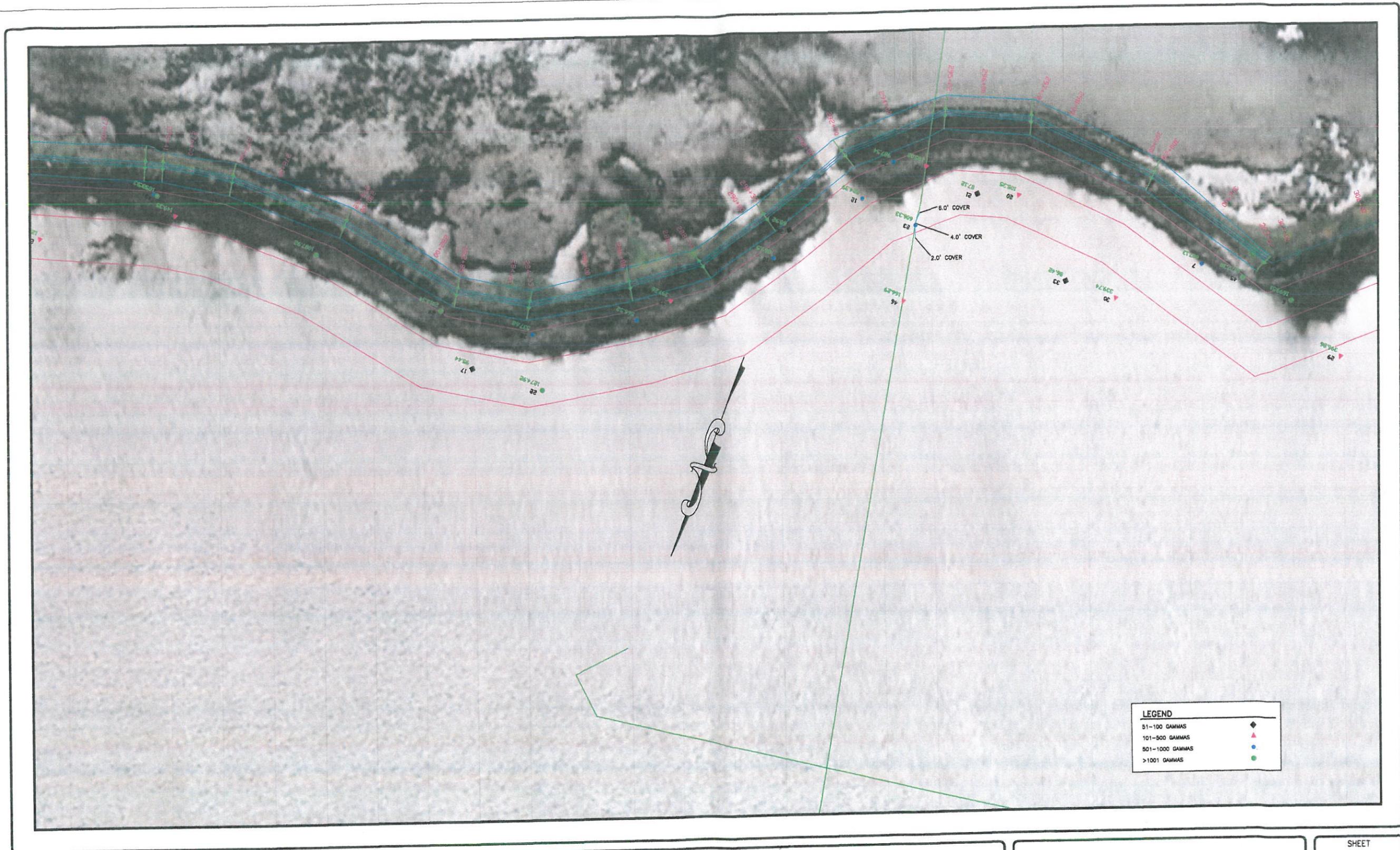
DATE: 11/2/12

BAYOU COUNTRY SURVEYING, LLC
 Professional Land Surveyors
 PO Box 156 Labadieville, LA 70372
 Office 985-389-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		PROJECT:

SOUTHERN DELTA CONSTRUCTION
 BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 JUG LAKE AREA
 MAG SURVEY STA 240+35 - STA 310+02
 TERREBONNE PARISH, LOUISIANA

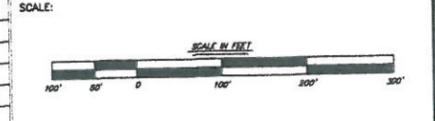
SHEET
 3
 OF 6 SHEETS



LEGEND	
51-100 GAMMAS	◆
101-500 GAMMAS	▲
501-1000 GAMMAS	●
>1001 GAMMAS	●

PROJECT NO:	2014
DIRECTORY:	Z:\JOBS2\2014
FILE:	MAG SHEETS.DWG
FIELD BOOK:	
MAP NO.:	

DATE	DESCRIPTION	BY
11/2/12	REVISED MAG SURVEY LAYOUT	HES



STAMP

SIGNATURE: *Henry J. Gattuso*

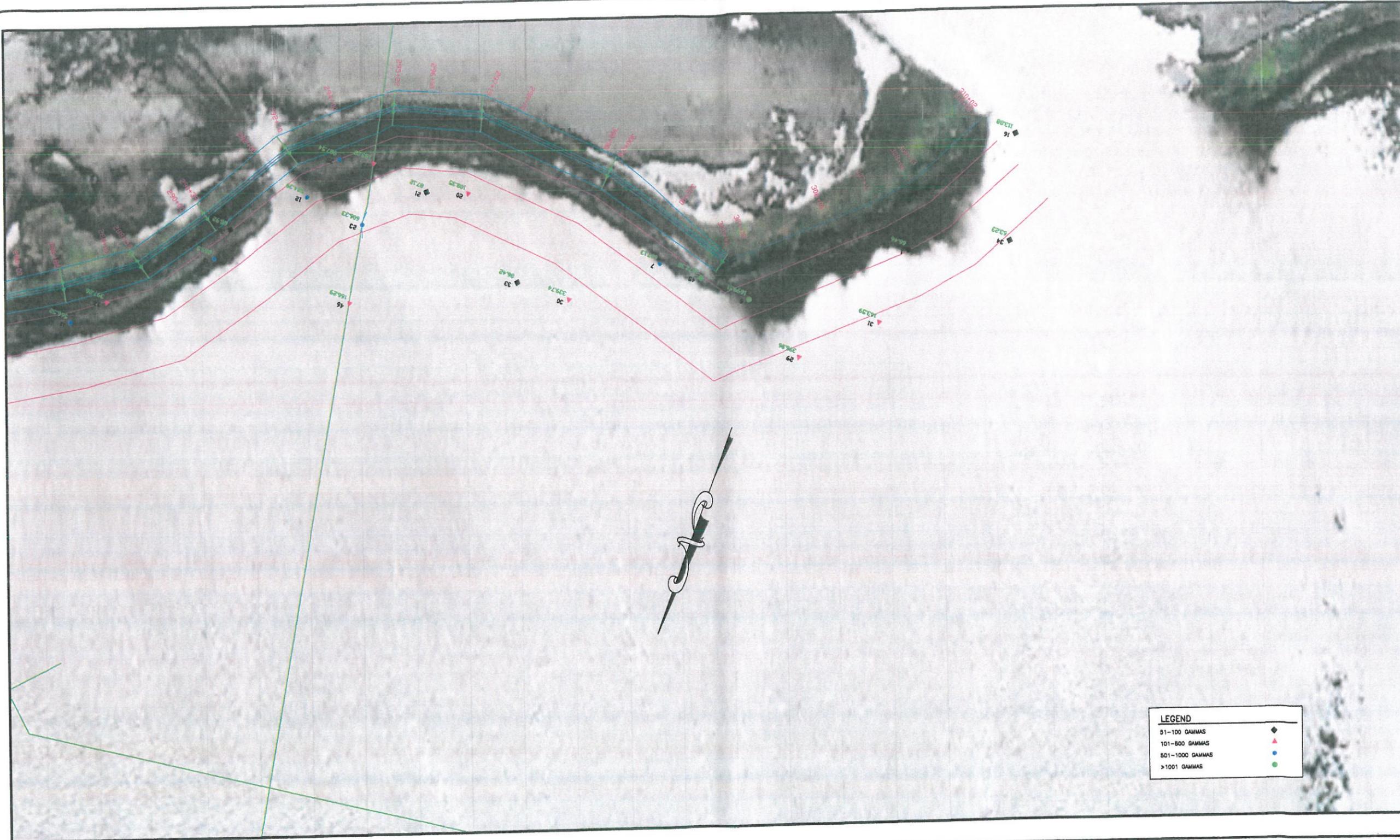
DATE: 11/2/12

BAYOU COUNTRY SURVEYING, LLC
 Professional Land Surveyors
 PO Box 156 Labadieville, LA 70372
 Office 985-388-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		PROJECT:

SOUTHERN DELTA CONSTRUCTION
 BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 JUG LAKE AREA
 MAG SURVEY STA 240+35 - STA 310+02
 TERREBONNE PARISH, LOUISIANA

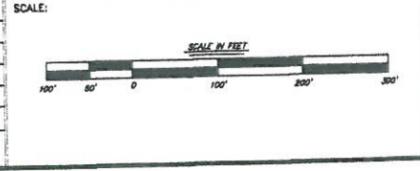
SHEET
 4
 OF 6 SHEETS



LEGEND	
51-100 GAMMAS	◆
101-500 GAMMAS	▲
501-1000 GAMMAS	●
>1001 GAMMAS	●

PROJECT NO: 2014
 DIRECTORY: Z:\JOBS\2014
 FILE: MAG SHEETS.DWG
 FIELD BOOK:
 MAP NO.

DATE	DESCRIPTION	BY
11/2/12	REVISED MAG SURVEY LAYOUT	HES
	REVISION	



STAMP

SIGNATURE: *Henry J. Gaudin*
 DATE: 11/2/12

BAYOU COUNTRY SURVEYING, LLC
 Professional Land Surveyors
 PO Box 156 Labadieville, LA 70372
 Office 985-369-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		PROJECT:

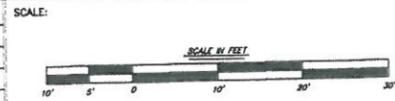
SOUTHERN DELTA CONSTRUCTION
 BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 JUG LAKE AREA
 MAG SURVEY STA 240+35 - STA 310+02
 TERREBONNE PARISH, LOUISIANA

SHEET
 5
 OF 6 SHEETS

PT	NORTHING	EASTING	AMPLITUDE	TYPE	WIDTH
1	316512.81	3403257.28	66.46	DIPOLE	67
2	317427.69	3405375.91	2013.34	MONOPOLE	34
3	317407.59	3406089.2	797.33	DIPOLE	32
4	317515.5	3406393.13	564.38	DIPOLE	17
5	318053.86	3406692.52	488.33	MONOPOLE	13
6	316734.81	3403552.63	1699.51	COMPLEX	190
7	316728.87	3403769.33	607.13	MONOPOLE	13
8	318648.59	3407477.57	1440.13	COMPLEX	35
9	317407.02	3405692.64	1087.92	MONOPOLE	67
10	317053.46	3404699.39	869.5	COMPLEX	34
11	317293.86	3404947.83	566.52	COMPLEX	234
12	316857.01	3404554.22	524.39	DIPOLE	5
13	316737.6	3404440.51	185.08	MONOPOLE	54
14	318028.48	3407228.72	865.79	MONOPOLE	52
15	318262.16	3407299.44	70.97	COMPLEX	104
16	316193.41	3403123.44	113.88	DIPOLE	6
17	317525.6	3405262.38	95.44	DIPOLE	4
18	318015.52	3406553.9	158.09	DIPOLE	6
19	317437.14	3406025.31	149.35	MONOPOLE	1
20	316728.08	3404219.33	108.35	MONOPOLE	19
21	316756.64	3404309.25	87.12	DIPOLE	4
22	317517.07	3405095.09	1274.92	DIPOLE	1
23	316871.77	3404417.01	606.33	MONOPOLE	30
24	319533.11	3407458.18	522.32	COMPLEX	240
25	318779.66	3407370.08	522.32	DIPOLE	16
26	317805.3	3406504.97	160.76	DIPOLE	4
27	318528.66	3407214.76	133.69	MONOPOLE	30
28	317594.55	3406298.06	123.94	DIPOLE	10
29	316815.21	3403403.39	396.86	DIPOLE	5
30	316869.98	3403928.07	339.74	MONOPOLE	12
31	316683.13	3403263.39	163.59	DIPOLE	4
32	319449.1	3407406.32	159.45	COMPLEX	30
33	316873.16	3404050.09	86.42	MONOPOLE	25
34	316417.84	3403053.79	63.23	DIPOLE	15
35	316754.14	3404515.06	987.54	MONOPOLE	22
36	316981.12	3404688.74	68.92	DIPOLE	1
37	317224.98	3404887.89	397.26	MONOPOLE	30
38	317405.52	3405160.67	537.68	DIPOLE	3
39	317427.69	3405375.91	2013.34	COMPLEX	35
40	317408.32	3406081.16	1653.5	DIPOLE	32
41	317515.5	3406393.13	564.38	DIPOLE	17
42	318051.55	3406700.11	389.99	MONOPOLE	13
43	318387.31	3407341.87	1446.13	MONOPOLE	26
44	319044.99	3407656.57	180.44	DIPOLE	1
45	316725.7	3403670.53	1672.38	DIPOLE	20
46	317042.85	3404383.25	166.29	MONOPOLE	34

PROJECT NO: 2014
 DIRECTORY: Z:\JOBS2\2014
 FILE: MAG SHEETS.DWG
 FIELD BOOK:
 MAP NO.

DATE	DESCRIPTION	BY
11/2/12	REVISED MAG SURVEY LAYOUT	HES
	REVISION	



STAMP

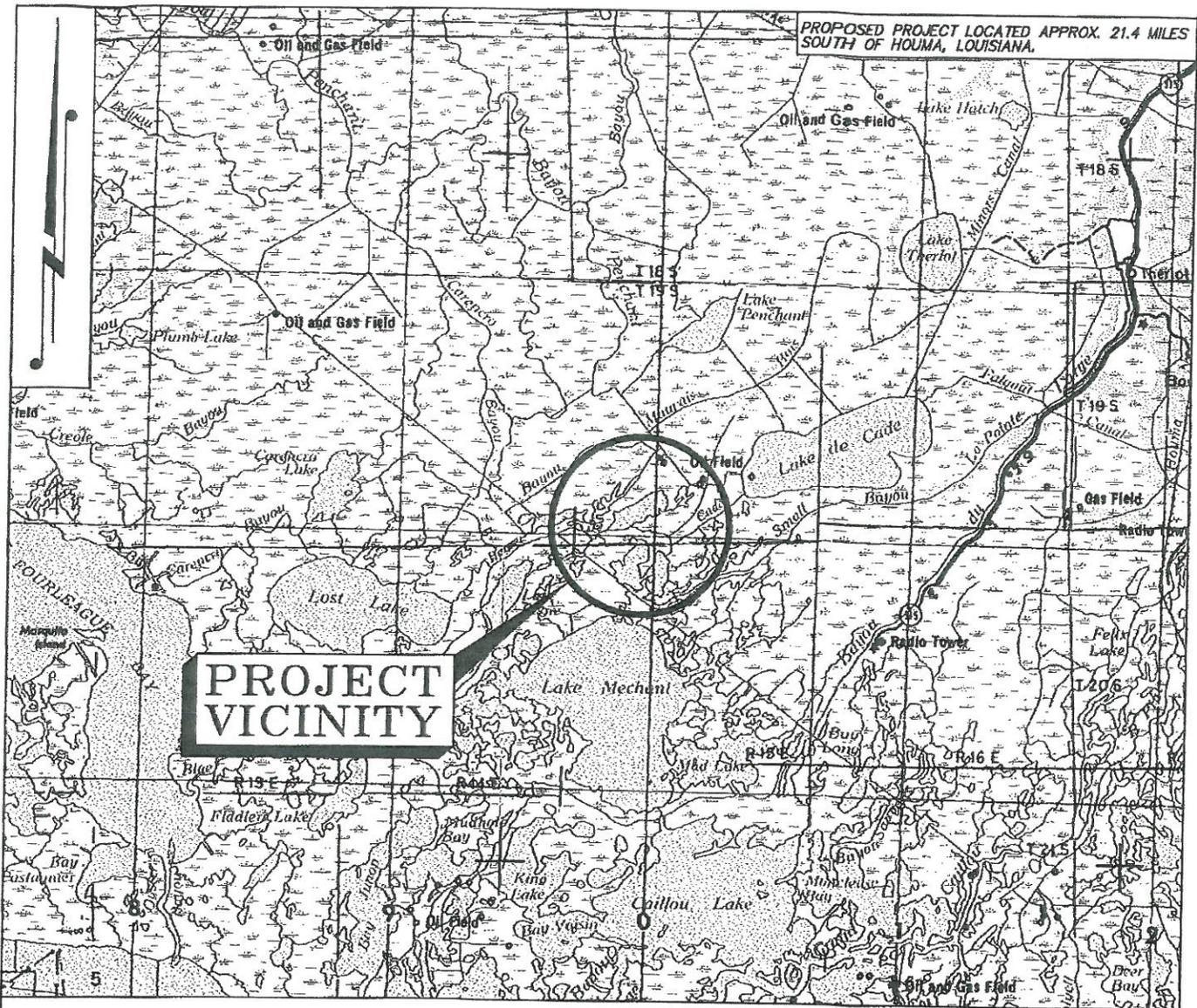
 SIGNATURE: *Yancy Johnson*
 DATE: 11/2/12

BAYOU COUNTRY SURVEYING, LLC
 Professional Land Surveyors
 PO Box 156 Labadieville, LA 70372
 Office 985-369-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		PROJECT:

SOUTHERN DELTA CONSTRUCTION
 BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 JUG LAKE AREA
 MAG SURVEY STA 240+35 - STA 310+02
 TERREBONNE PARISH, LOUISIANA

SHEET
 6
 OF 6 SHEETS



PROPOSED PROJECT LOCATED APPROX. 21.4 MILES SOUTH OF HOUMA, LOUISIANA.

**PROJECT
VICINITY**

THESE PLATS TO BE USED FOR WETLAND PERMITTING PURPOSES ONLY

VICINITY MAP
SCALE: 1" = 4 MILES

APPROVED: **JOHN C. MATTINGLY**
L.A. LAND SURVEYOR REG. NO. 4710

NO.	DATE	REVISION

ASPECT ENERGY, LLC

**AS-BUILT 3" FLOWLINE AND HEATER PLATFORM
TO SERVE THE SL 17894 NO. 1 WELL
LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
LAKE PAGIE FIELD
TERREBONNE PARISH, LOUISIANA**



DRAWN BY: C.E.T.
APPROVED BY: J.C.M.
SCALE: 1"=4 MILES
DATE: 03/02/07

SHEET 1 OF 8
DRAWING NAME: 051442AB01.DWG
JOB NUMBER: 2005.1442
MAP NUMBER:

TERREBONNE PARISH, LOUISIANA

Sec. 33

Sec. 32

MATCHLINE A

ALMI
BR/LL&E

T 19 S - R 15 E
T 20 S - R 15 E

NOTE: ALL SOUNDINGS REDUCED TO = 0.0' N.G.V.D. M.L.W.

PNT. NO.	COORDINATES (NAD 83)		COORDINATES (NAD 83)		MUD COVER	WATER DEPTH	T.O.P.	
	LAT	LONG	X	Y				
1	29° 21' 31.72"	90° 56' 36.60"	3,405,024.53	311,505.14	S.L. 17894 #1 WELL Riser			
2	29° 21' 21.13"	90° 56' 37.35"	3,404,958.03	311,464.17		0.8	3.8	4.4
3	29° 21' 21.32"	90° 56' 36.99"	3,404,989.80	311,483.83		2.0	3.8	5.8
4	29° 21' 21.03"	90° 56' 37.77"	3,404,920.75	311,454.33				
5	29° 21' 21.12"	90° 56' 37.78"	3,404,920.13	311,462.88		3.9	3.1	7.0
6	29° 21' 21.84"	90° 56' 37.80"	3,404,918.56	311,536.12		4.3	3.4	7.7
7	29° 21' 22.97"	90° 56' 37.86"	3,404,912.15	311,650.10		4.3	2.4	6.7
8	29° 21' 24.20"	90° 56' 37.90"	3,404,908.15	311,774.21		4.0	3.6	7.6
9	29° 21' 25.81"	90° 56' 38.07"	3,404,893.13	311,916.40		4.6	4.1	8.7
10	29° 21' 26.98"	90° 56' 38.20"	3,404,881.51	312,055.42		5.8	3.7	9.5
11	29° 21' 28.56"	90° 56' 38.26"	3,404,874.88	312,215.28		4.9	3.8	8.7
12	29° 21' 30.15"	90° 56' 38.28"	3,404,872.91	312,375.56		4.0	2.9	6.9
13	29° 21' 31.68"	90° 56' 38.38"	3,404,865.56	312,529.49		5.0	3.8	8.8
14	29° 21' 33.08"	90° 56' 38.40"	3,404,881.39	312,671.29		4.2	3.5	7.7
15	29° 21' 34.37"	90° 56' 38.43"	3,404,858.26	312,801.53		4.4	2.9	7.3
16	29° 21' 35.61"	90° 56' 38.52"	3,404,849.82	312,927.25		4.3	2.8	7.1
17	29° 21' 36.76"	90° 56' 38.59"	3,404,843.55	313,042.61		4.8	3.5	8.2
18	29° 21' 38.11"	90° 56' 38.65"	3,404,840.64	313,179.52		4.0	3.8	7.8
19	29° 21' 39.44"	90° 56' 38.61"	3,404,840.75	313,313.96		4.3	2.8	7.1
20	29° 21' 41.57"	90° 56' 38.67"	3,404,834.54	313,528.93		4.4	2.8	7.2
21	29° 21' 43.62"	90° 56' 38.76"	3,404,826.24	313,736.17		4.1	2.8	6.9
22	29° 21' 46.35"	90° 56' 38.82"	3,404,819.20	314,011.45		4.3	2.6	6.9
23	29° 21' 48.23"	90° 56' 38.98"	3,404,804.73	314,201.97		2.5	4.6	7.1

AS-BUILT 3" FLOWLINE

Sec. 5

Apache Louisiana Minerals, Inc. (ALMI)
Burlington Resources / LL&E

Sec. 4

BEGIN AS-BUILT 3" FLOWLINE AT EXISTING SL 17894 #1 WELL
LAT.=29°21'21.53" (NAD 83)
LONG.=90°56'36.60"
X=3,405,024.53
Y=311,505.14 (NAD 83)
X=2,124,224.49
Y=250,800.55 (NAD 27)

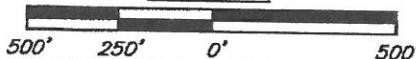
BEGIN AS-BUILT 3" F/L AT HEATER PLATFORM
LAT.=29°21'21.04" (NAD 83)
LONG.=90°56'37.62"
X=3,404,935 (NAD 83)
Y=311,456

RACCOURCI BAY

AS-BUILT 10'x20' HEATER PLATFORM

SCALE IN FEET

THESE PLATS TO BE USED FOR WETLAND PERMITTING PURPOSES ONLY



APPROVED:

JOHN C. MATTINGLY
L.A. LAND SURVEYOR REG. NO. 4710

01	09/06/07	REVISED SOUNDING DEPTHS FOR POINTS 7, 12, 14-23
NO.	DATE	REVISION

ASPECT ENERGY, LLC

AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM TO SERVE THE SL 17894 NO. 1 WELL LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E LAKE PAGIE FIELD TERREBONNE PARISH, LOUISIANA



DRAWN BY: C.E.T.

SHEET 2 OF 8

APPROVED BY: J.C.M.

DRAWING NAME: 051442AB02.DWG

SCALE: 1"=500'

JOB NUMBER: 2005.1442

DATE: 03/02/07

MAP NUMBER:

TERREBONNE PARISH, LOUISIANA

JUG LAKE

Sec. 32

MATCHLINE B

DRILL ENTRY (BOTH DIRECTIONS)

LAT.=29°22'15.14"
LONG.=90°56'43.35" (NAD 83)
X=3,404,408.82
Y=316,918.98 (NAD 83)

BRADY CANAL
CWPRA PROJECT TE-28

AS-BUILT 3" FLOWLINE

NOTE: ALL SOUNDINGS REDUCED TO = 0.0' N.G.V.D. M.L.W.

PNT. NO.	COORDINATES (NAD 83)		COORDINATES (NAD 83)		MUD COVER	WATER DEPTH	T.O.P.
	LAT	LONG	X	Y			
24	29°21'49.25"	90°56'39.05"	3,404,798.62	314,304.66	4.2	3.3	7.5
25	29°21'51.45"	90°56'39.07"	3,404,796.04	314,526.99	4.0	1.8	5.8
28	29°21'52.66"	90°58'39.15"	3,404,788.08	314,648.50	4.9	2.3	7.2
27	29°21'54.31"	90°56'39.20"	3,404,782.79	314,816.06	5.4	2.0	7.4
28	29°21'55.28"	90°56'39.22"	3,404,781.24	314,913.90	4.7	2.0	6.7
29	29°21'56.33"	90°56'39.28"	3,404,775.45	315,019.11	5.1	1.6	6.7
30	29°21'57.09"	90°56'39.32"	3,404,771.93	315,095.98	4.1	1.7	5.8
31	29°21'57.84"	90°56'39.36"	3,404,767.61	315,172.36	5.0	1.8	6.8
32	29°21'58.99"	90°56'39.52"	3,404,753.67	315,288.51	4.1	2.9	7.0
33	29°21'58.97"	90°56'39.93"	3,404,717.01	315,286.08	1.2	4.3	5.5
34	29°21'59.59"	90°56'39.58"	3,404,747.77	315,348.79	4.1	2.7	6.8
35	29°22'14.26"	90°56'43.21"	3,404,421.56	316,828.58	10.6	5.6	16.2
36	29°22'14.65"	90°56'43.24"	3,404,418.77	316,868.95	4.3	5.3	9.6
37	29°22'15.08"	90°56'43.44"	3,404,400.86	316,912.02	5.2	4.5	9.7
38	29°22'15.84"	90°56'43.50"	3,404,395.36	316,989.08	11.5	3.5	15

Apache Louisiana Minerals, Inc.

BAYOU DE CADE

DRILL EXIT

LAT.=29°21'59.63"
LONG.=90°56'39.59" (NAD 83)
X=3,404,746.96 (NAD 83)
Y=315,352.47

Apache Louisiana Minerals, Inc.

MATCHLINE A

SCALE IN FEET



THESE PLATS TO BE USED FOR WETLAND PERMITTING PURPOSES ONLY

APPROVED:

JOHN C. MATTINGLY
L.A. LAND SURVEYOR REG. NO. 4710

01	09/06/07	REVISED SOUNDING DEPTHS FOR POINTS 25, 27-34
NO.	DATE	REVISION

ASPECT ENERGY, LLC

AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM TO SERVE THE SL 17894 NO. 1 WELL LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E LAKE PAGIE FIELD TERREBONNE PARISH, LOUISIANA



DRAWN BY:	C.E.T.	SHEET	3	OF	8
APPROVED BY:	J.C.M.	DRAWING NAME:	051442AB03.DWG		
SCALE:	1"=500'	JOB NUMBER:	2005.1442		
DATE:	03/02/07	MAP NUMBER:			

TERREBONNE PARISH, LOUISIANA

**END AS-BUILT 3" FLOWLINE AT
EXISTING APACHE CF #1 PLATFORM**

LAT.=29°22'41.95" (NAD 83)
LONG.=90°56'51.24"
X=3,403,701.65 (NAD 83)
Y=319,624.21

Apache Louisiana
Minerals, Inc.

MULTIPLE
FLOWLINES

FLARE

Sec. 29

DRILL EXIT

LAT.=29°22'41.25" (NAD 83)
LONG.=90°56'50.63" (NAD 83)
X=3,403,756.15 (NAD 83)
Y=319,553.37 (NAD 83)

BRADY CANAL
CWPPRA PROJECT TE-28

NOTE: ALL SOUNDINGS REDUCED TO = 0.0' N.G.V.D. M.L.W.

PNT. NO.	COORDINATES (NAD 83)		COORDINATES (NAD 83)		MUD COVER	WATER DEPTH	T.O.P.
	LAT	LONG	X	Y			
39	29°22'27.63"	90°56'46.06"	3,404,164.82	318,179.25	12.8	4.0	16.8
40	29°22'28.25"	90°56'46.17"	3,404,155.15	318,242.35	4.5	3.0	8.0
41	29°22'29.70"	90°56'46.38"	3,404,135.64	318,387.90	4.6	4.3	8.9
42	29°22'31.72"	90°56'46.80"	3,404,097.67	318,592.42	5.0	3.7	8.7
43	29°22'32.12"	90°56'47.03"	3,404,077.47	318,632.51	4.1	4.9	9
44	29°22'32.30"	90°56'47.03"	3,404,077.41	318,650.69	7.3	4.5	11.8
45	29°22'32.54"	90°56'47.09"	3,404,072.02	318,674.92	11	4.1	15.1
46	29°22'34.15"	90°56'47.76"	3,404,012.19	318,837.35	-	-	-
47	29°22'36.19"	90°56'48.49"	3,403,948.91	319,043.20	-	-	-
48	29°22'37.66"	90°56'49.10"	3,403,892.44	319,191.51	-	-	-
49	29°22'38.88"	90°56'49.67"	3,403,841.59	319,314.57	TINKER & RASER	-	-
50	29°22'39.22"	90°56'49.92"	3,403,819.36	319,348.84	18.4	1.1	19.5
51	29°22'40.40"	90°56'50.42"	3,403,774.72	319,467.89	9.7	1.1	19.5
52	29°22'40.55"	90°56'50.50"	3,403,767.59	319,483.02	9.5	-	9.5
53	29°22'40.93"	90°56'50.65"	3,403,754.19	319,521.36	4.8	-	4.8
54	29°22'41.19"	90°56'50.65"	3,403,754.10	319,547.62	PIPELINE EXPOSED	-	-
55	29°22'41.34"	90°56'50.70"	3,403,749.63	319,562.76	PIPELINE EXPOSED	-	-
56	29°22'41.95"	90°56'51.24"	3,403,701.65	319,624.21	3" RISER	-	-

MULTIPLE
FLOWLINES

DRILL ENTRY

LAT.=29°22'32.97" (NAD 83)
LONG.=90°56'47.25" (NAD 83)
X=3,404,057.85 (NAD 83)
Y=318,718.42 (NAD 83)

DRILL EXIT

LAT.=29°22'28.74" (NAD 83)
LONG.=90°56'46.33" (NAD 83)
X=3,404,140.63 (NAD 83)
Y=318,291.82 (NAD 83)

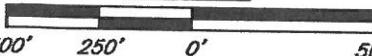
JUG LAKE

Sec. 32

AS-BUILT 3" FLOWLINE

MATCHLINE B

SCALE IN FEET



THESE PLATS TO BE USED FOR
WETLAND PERMITTING PURPOSES ONLY

APPROVED:

JOHN C. MATTINGLY
L.A. LAND SURVEYOR REG. NO. 4710

01 09/06/07
NO. DATE REVISION
REVISED SOUNDING DEPTHS FOR POINTS 40-42

ASPECT ENERGY, LLC

**AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
TO SERVE THE SL 17894 NO. 1 WELL
LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
LAKE PAGIE FIELD
TERREBONNE PARISH, LOUISIANA**



DRAWN BY: C.E.T.

SHEET 4 OF 8

APPROVED BY: J.C.M.

DRAWING NAME: 051442AB04.DWG

SCALE: 1"=500'

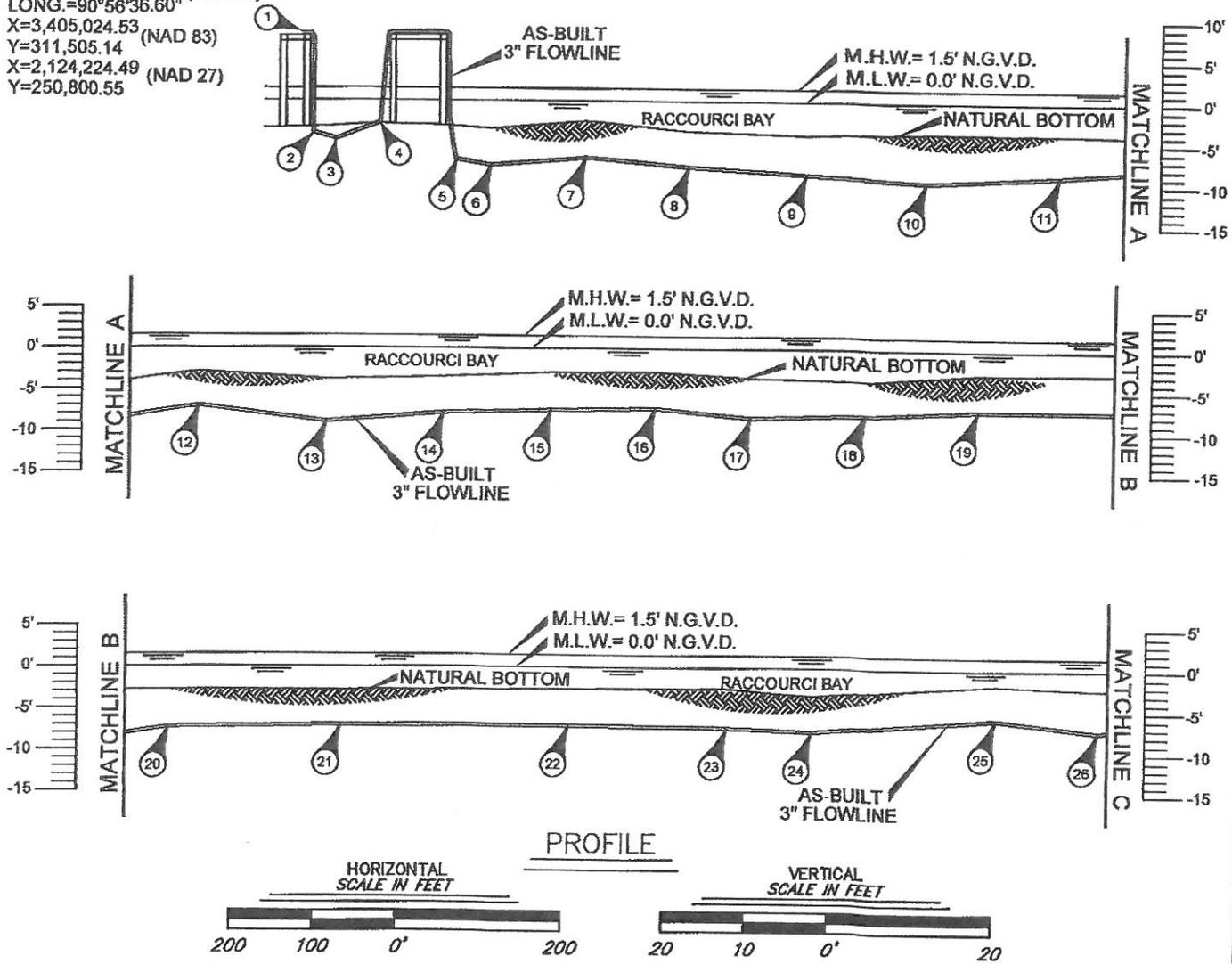
JOB NUMBER: 2005.1442

DATE: 03/02/07

MAP NUMBER:

BEGIN AS-BUILT 3" FLOWLINE
AT EXISTING SL 17894 #1 WELL

LAT.=29°21'21.53"
LONG.=90°56'36.60" (NAD 83)
X=3,405,024.53 (NAD 83)
Y=311,505.14
X=2,124,224.49 (NAD 27)
Y=250,800.55



APPROVED: _____
JOHN C. MATTINGLY
L.A. LAND SURVEYOR REG. NO. 4710

THESE PLATS TO BE USED FOR
WETLAND PERMITTING PURPOSES ONLY

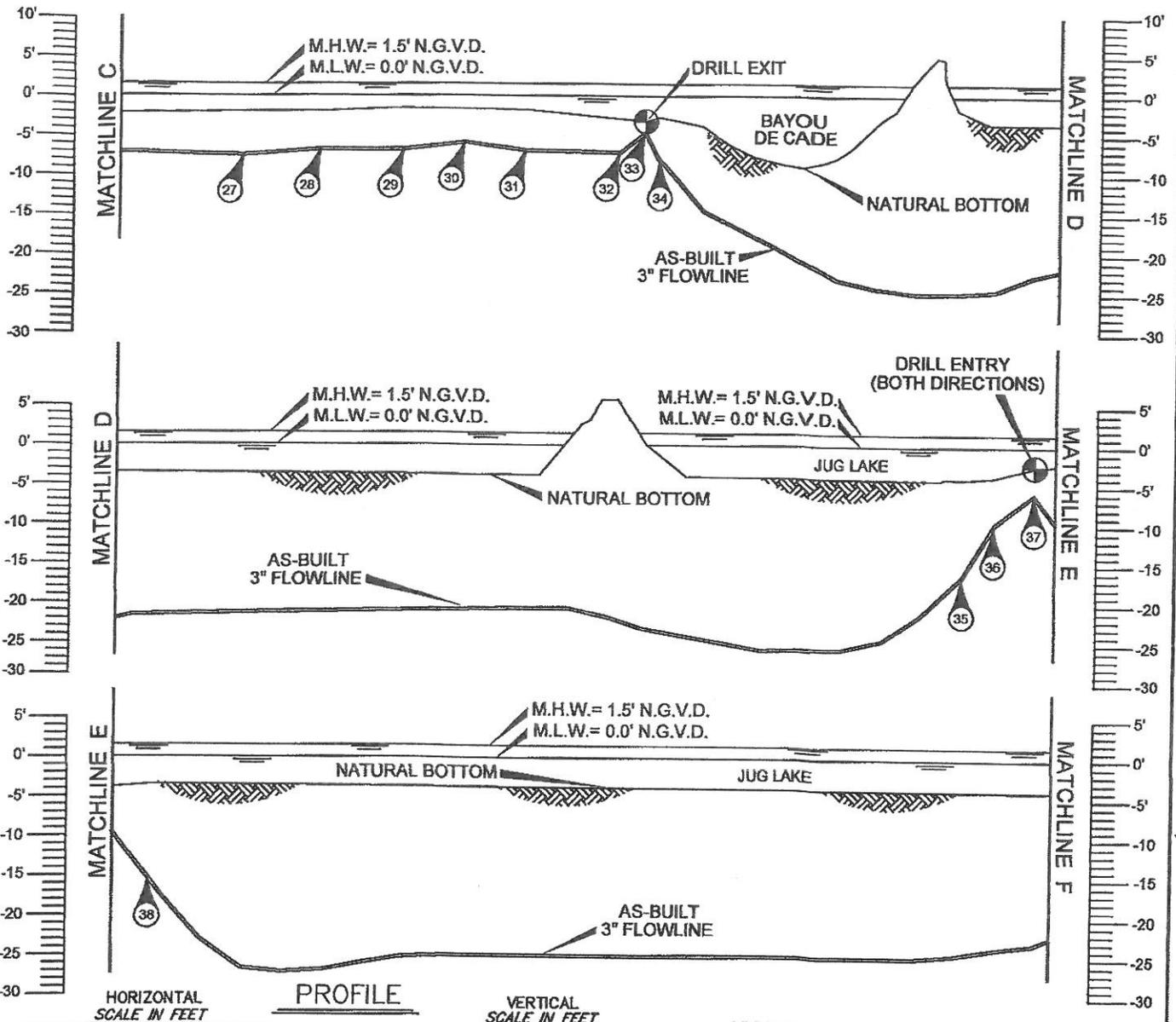
01	09/06/07	REVISED DEPTH OF SOUNDINGS FOR POINTS 7, 12, 14-23, 25
NO.	DATE	REVISION

ASPECT ENERGY, LLC

AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
TO SERVE THE SL 17894 NO. 1 WELL
LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
LAKE PAGIE FIELD
TERREBONNE PARISH, LOUISIANA



DRAWN BY:	C.E.T.	SHEET	5	OF	8
APPROVED BY:	J.C.M.	DRAWING NAME:	051442AB05.DWG		
SCALE:	AS SHOWN	JOB NUMBER:	2005.1442		
DATE:	03/02/07	MAP NUMBER:			

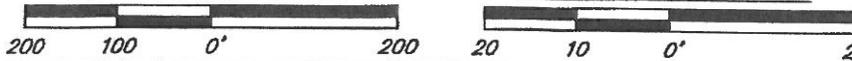


HORIZONTAL SCALE IN FEET

PROFILE

VERTICAL SCALE IN FEET

APPROVED:



JOHN C. MATTINGLY
L.A. LAND SURVEYOR REG. NO. 4710

01	09/06/07	REVISED SOUNDING DEPTHS FOR POINTS 27-34
NO.	DATE	REVISION

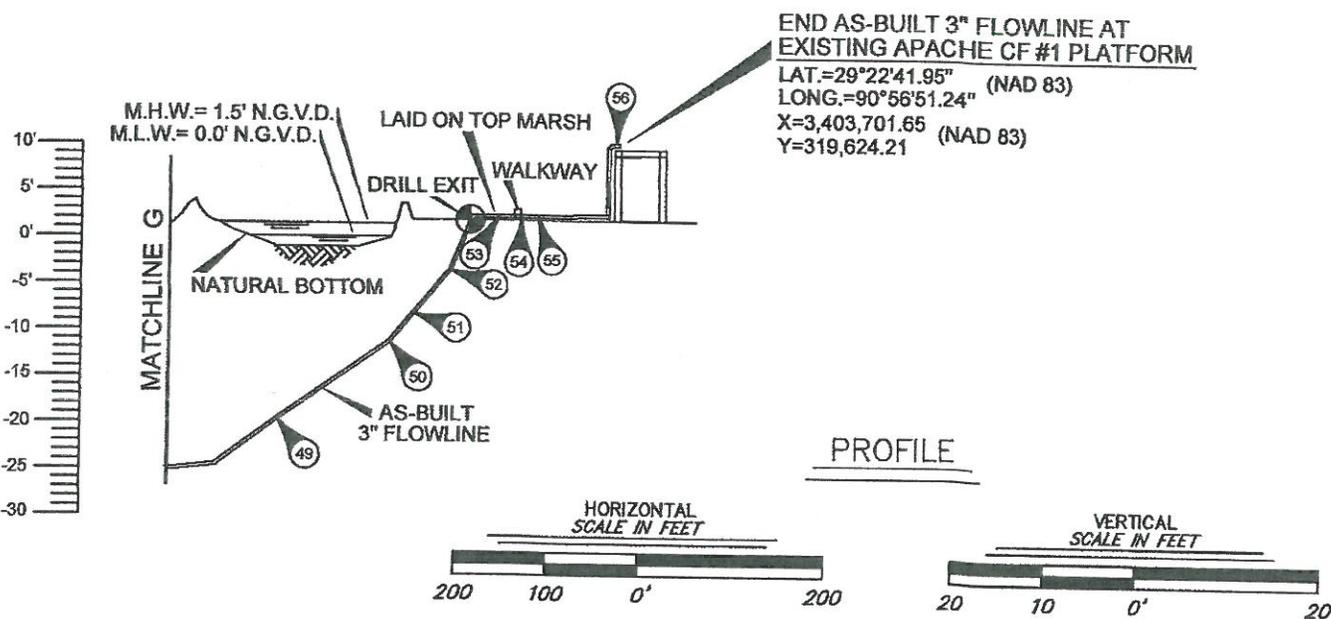
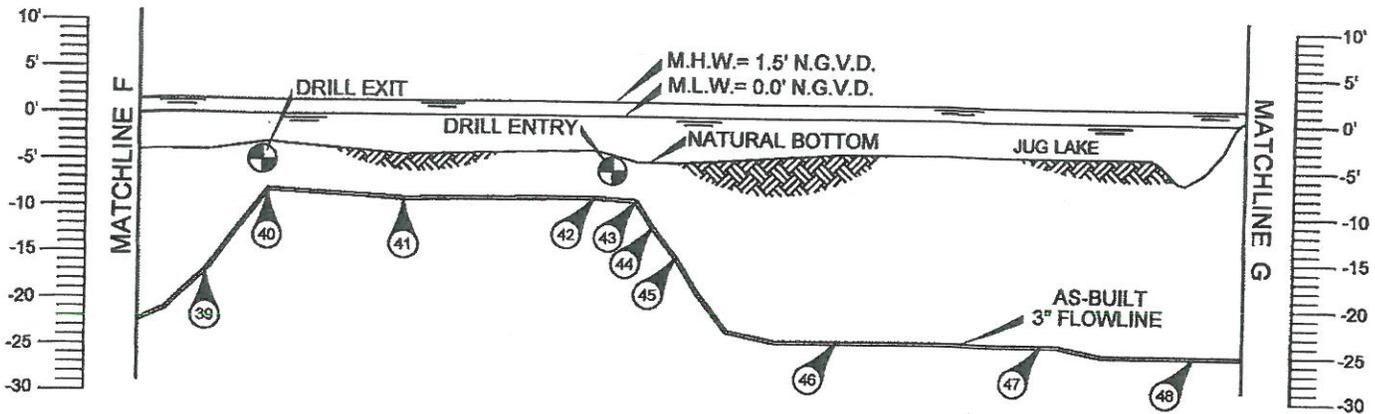
ASPECT ENERGY, LLC

AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
TO SERVE THE SL 17894 NO. 1 WELL
LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
LAKE PAGIE FIELD
TERREBONNE PARISH, LOUISIANA



T. BAKER SMITH
PROFESSIONAL CONSULTANTS SINCE 1913
(985) 868-1060 www.tbsmith.com

DRAWN BY:	C.E.T.	SHEET	6	OF	8
APPROVED BY:	J.C.M.	DRAWING NAME:	051442AB06.DWG		
SCALE:	AS SHOWN	JOB NUMBER:	2005.1442		
DATE:	03/02/07	MAP NUMBER:			



END AS-BUILT 3" FLOWLINE AT
 EXISTING APACHE CF #1 PLATFORM
 LAT.=29°22'41.95"
 LONG.=90°56'51.24" (NAD 83)
 X=3,403,701.65 (NAD 83)
 Y=319,624.21



THESE PLATS TO BE USED FOR
 WETLAND PERMITTING PURPOSES ONLY

APPROVED: JOHN C. MATTINGLY
 L.A. LAND SURVEYOR REG. NO. 4710

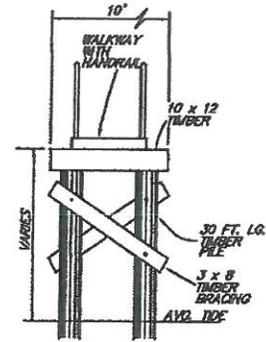
01	09/06/07	REVISED SOUNDING DEPTHS FOR POINTS 40-42
NO.	DATE	REVISION

ASPECT ENERGY, LLC

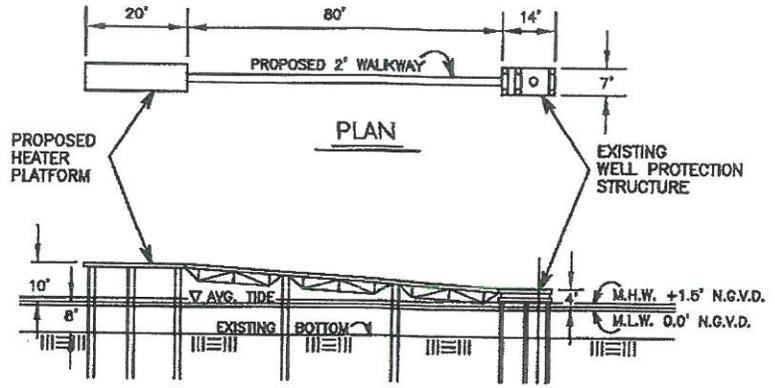
**AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
 TO SERVE THE SL 17894 NO. 1 WELL
 LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
 LAKE PAGIE FIELD
 TERREBONNE PARISH, LOUISIANA**



DRAWN BY:	C.E.T.	SHEET	7	OF	8
APPROVED BY:	J.C.M.	DRAWING NAME:	051442AB07.DWG		
SCALE:	AS SHOWN	JOB NUMBER:	2005.1442		
DATE:	03/02/07	MAP NUMBER:			



WALKWAY DETAIL
NOT TO SCALE



ELEVATION
DETAIL FOR HEATER PLATFORM & WALKWAY
NOT TO SCALE

NOTES

ALL STRUCTURES, FACILITIES, WELLS AND PIPELINES/FLOWLINES OCCURRING IN OPEN WATER AREAS, OR IN OILFIELD CANALS, OR SLIPS SHALL BE REMOVED WITHIN 120 DAYS OF ABANDONMENT OF THE FACILITIES FOR THE HEREIN PERMITTED USE, UNLESS PRIOR WRITTEN APPROVAL TO LEAVE SUCH STRUCTURES IN PLACE IS RECEIVED FROM THE COASTAL MANAGEMENT DIVISION. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED FOR SUCH ACTIVITIES.

AS-BUILT DRAWINGS SHALL BE SUBMITTED, IF REQUIRED, WITHIN 30 DAYS OF COMPLETION OF THIS PROJECT TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, COASTAL MANAGEMENT DIVISION AND OFFICE OF CONSERVATION, PIPELINE SAFETY DIVISION, POST OFFICE BOX 44487, BATON ROUGE, LA 70804-4487.

IN ORDER TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITTEE SHALL CONTACT LOUISIANA ONE CALL (1-800-272-3020) A MINIMUM OF 96 HOURS PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION (DIGGING, DREDGING, JETTING, ETC.) OR DEMOLITION ACTIVITY.

A RIGHT OF WAY GRANT WILL BE OBTAINED FROM THE LA STATE LAND OFFICE SHOULD ONE BE REQUIRED PRIOR TO ANY CONSTRUCTION ACTIVITIES.

NO TRACK OR WHEEL-TYPE VEHICLES TO BE USED DURING THE INSTALLATION OF PERMITTED FLOWLINES UNLESS NOTED OTHERWISE HEREIN.

APPROVED: _____
JOHN C. MATTINGLY
LA. LAND SURVEYOR REG. NO. 4710

THESE PLATS TO BE USED FOR
WETLAND PERMITTING PURPOSES ONLY

NO.	DATE	REVISION

ASPECT ENERGY, LLC

**AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
TO SERVE THE SL 17894 NO. 1 WELL
LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
LAKE PAGIE FIELD
TERREBONNE PARISH, LOUISIANA**



DRAWN BY:	C.E.T.	SHEET	8	OF	8
APPROVED BY:	J.C.M.	DRAWING NAME:	051442AB08.DWG		
SCALE:	NONE	JOB NUMBER:	2005.1442		
DATE:	03/02/07	MAP NUMBER:			



P.O. BOX 309 • BOURG, LOUISIANA 70343 • TELEPHONE & FAX 985/872-9405

November 2, 2012

Providence/GSE
991 Grand Caillou Road
Houma, LA 70363

Reference: Brady Canal Hydrologic Restoration Project (TE-28)
File No. T 28354 DL
Purchase Order Number 3854789

Attn: Mr Phil Schexnayder

Dear Sir,

Attached are three copies of the magnetometer survey performed by Mr Henry Schwartz of Bayou Country Surveying, LLC. All pipelines between station 238+00 and 310+50 have been probed and this area cleared for work. The remaining pipelines have been located by the magnetometer but have not yet been physically located. Further information will be submitted when these lines are located.

This plan has been reviewed by myself for compliance with the requirements of the contract and meets those requirements with no exceptions.

If you have any questions we can be reached at 985-209-9884.

Regards,
Southern Delta Construction, LLC

Michael Mayeux
Vice President

PLEASE NOTE: THE REMAINING PIPELINES MUST BE PHYSICALLY LOCATED PRIOR TO ANY WORK TAKING PLACE IN THEIR PROXIMITY.

REW

REVIEWED FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS

NO RESPONSIBILITY IS ASSUMED FOR QUANTITIES OR FOR CORRECTNESS OF DIMENSIONS OR DETAILS.

THIS REVIEW IS SUBJECT TO ALL TERMS AND CONDITIONS OF THE CONTRACT DOCUMENTS WITH SPECIAL REFERENCE TO WARRANTY REQUIREMENTS CONTAINED THEREIN. THE CONTRACTOR SHALL OBTAIN A CERTIFICATION FROM ALL SUPPLIERS AND/OR SUBCONTRACTORS THAT THEY ARE AWARE OF AND ARE ABIDING BY WARRANTY REQUIREMENTS OF THE CONTRACT DOCUMENTS.

NO EXCEPTIONS TAKEN
MAKE CORRECTIONS NOTED
REVISE & RESUBMIT
SEE REMARKS ✓

GSE ASSOCIATES, LLC

BY *REW* DATE *11/7/12*



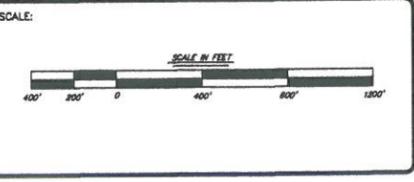
SKILL • RESPONSIBILITY • INTEGRITY



LEGEND
 APPROXIMATE LOCATION OF FLOWLINES PER SONRIS —

PROJECT NO: 2014
DIRECTORY: Z:\JOBS2\2014
FILE: MAG SHEETS.DWG
FIELD BOOK:
MAP NO.

DATE	DESCRIPTION	BY
11/2/12	REVISED MAG SURVEY LAYOUT	HES
	REVISION	



STAMP

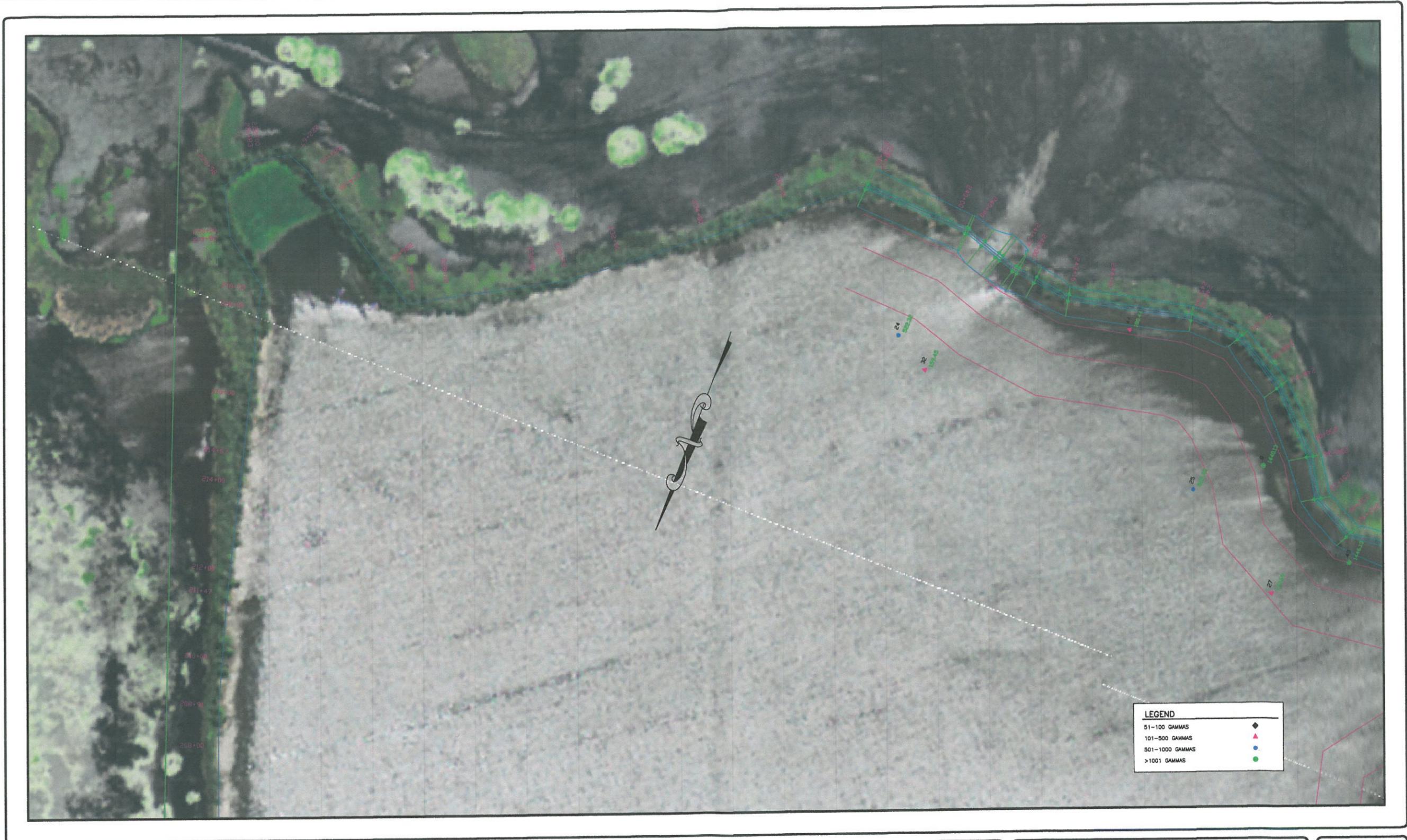
Henry E. Schwartz IV
 SIGNATURE:
 DATE: 11/2/12

BAYOU COUNTRY SURVEYING, LLC
 Professional Land Surveyors
 PO Box 156 Labadieville, LA 70372
 Office 985-369-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		PROJECT:

SOUTHERN DELTA CONSTRUCTION
 BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 JUG LAKE AREA
 MAG SURVEY STA 240+35 - STA 310+02
 TERREBONNE PARISH, LOUISIANA

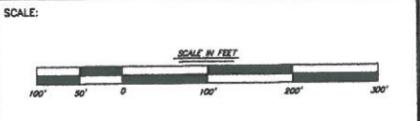
SHEET
 1
 OF 6 SHEETS



LEGEND	
51-100 GAMMAS	◆
101-500 GAMMAS	▲
501-1000 GAMMAS	●
>1001 GAMMAS	●

PROJECT NO: 2014
DIRECTORY: Z:\JOBS2\2014
FILE: MAG SHEETS.DWG
FIELD BOOK:
MAP NO.

DATE	DESCRIPTION	BY
11/2/12	REVISED MAG SURVEY LAYOUT	HES
	REVISION	



STAMP

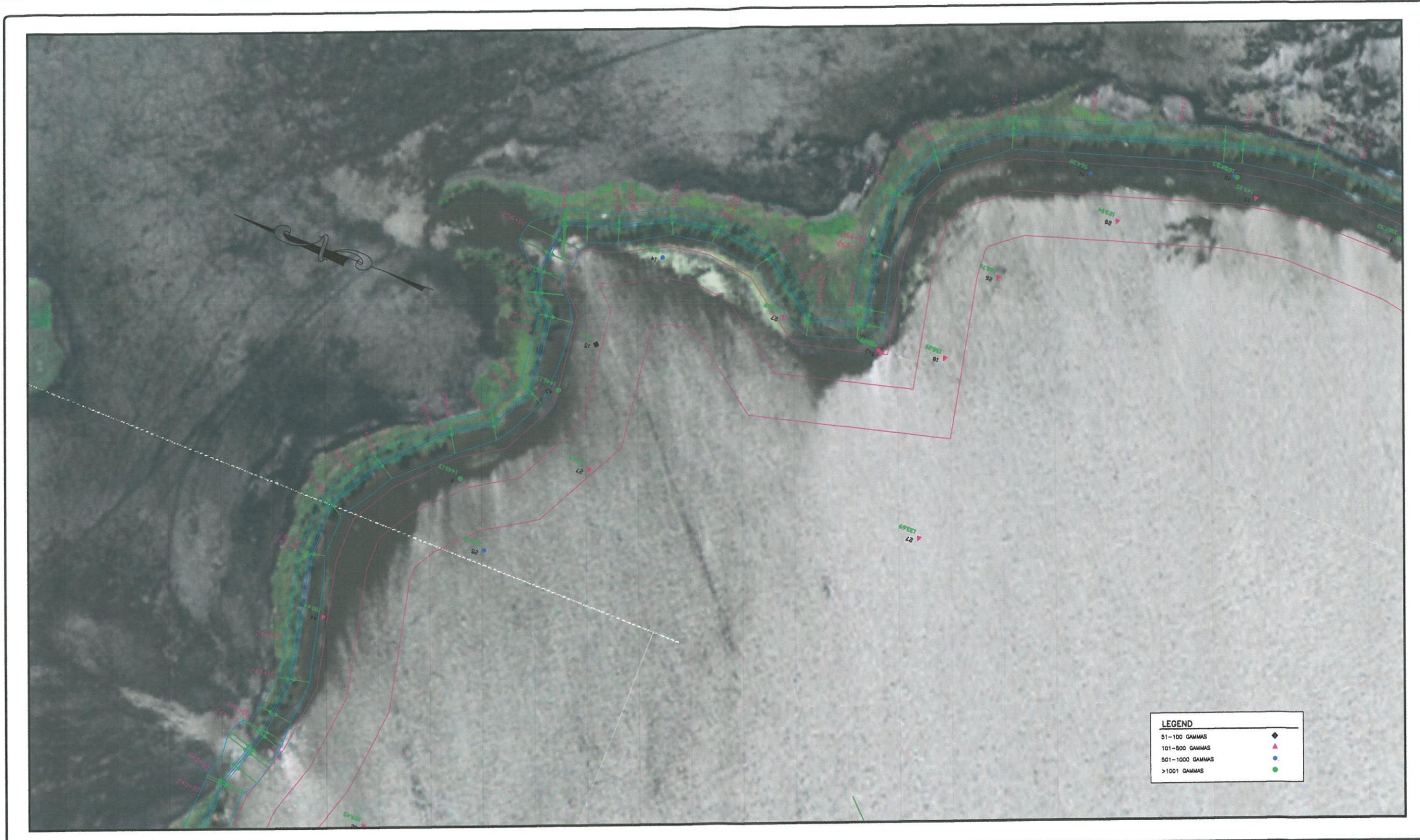
Henry E. Schwartz IV
SIGNATURE:
11/2/12
DATE:

BAYOU COUNTRY SURVEYING, LLC
Professional Land Surveyors
PO Box 156 Labadieville, LA 70372
Office 985-369-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		PROJECT:

SOUTHERN DELTA CONSTRUCTION
BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT
JUG LAKE AREA
MAG SURVEY STA 240+35 - STA 310+02
TERREBONNE PARISH, LOUISIANA

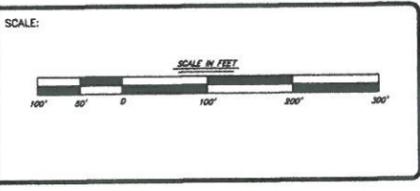
SHEET
2
OF 6 SHEETS



LEGEND	
51-100 GAMMAS	◆
101-500 GAMMAS	▲
501-1000 GAMMAS	●
>1001 GAMMAS	●

PROJECT NO: 2014
DIRECTORY: Z:\JOBS2\2014
FILE: MAG SHEETS.DWG
FIELD BOOK:
MAP NO.

DATE	DESCRIPTION	BY
11/2/12	REVISED MAG SURVEY LAYOUT	HES
	REVISION	



STAMP

Henry E. Schwartz IV
SIGNATURE:
11/2/12
DATE:

BAYOU COUNTRY SURVEYING, LLC
Professional Land Surveyors
PO Box 156 Labadieville, LA. 70372
Office 985-369-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		PROJECT:

SOUTHERN DELTA CONSTRUCTION
BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT
JUG LAKE AREA
MAG SURVEY STA 240+35 - STA 310+02
TERREBONNE PARISH, LOUISIANA

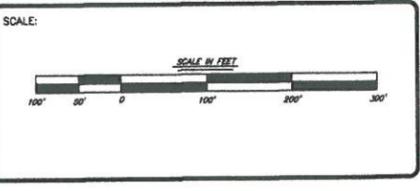
SHEET
3
OF 6 SHEETS



LEGEND	
51-100 GAMMAS	◆
101-500 GAMMAS	▲
501-1000 GAMMAS	●
>1001 GAMMAS	●

PROJECT NO:	2014
DIRECTORY:	Z:\JOBS2\2014
FILE:	MAG SHEETS.DWG
FIELD BOOK:	
MAP NO.:	

DATE	DESCRIPTION	BY
11/2/12	REVISED MAG SURVEY LAYOUT	HES
	REVISION	



STAMP

SIGNATURE: *Henry E. Schwartz IV*

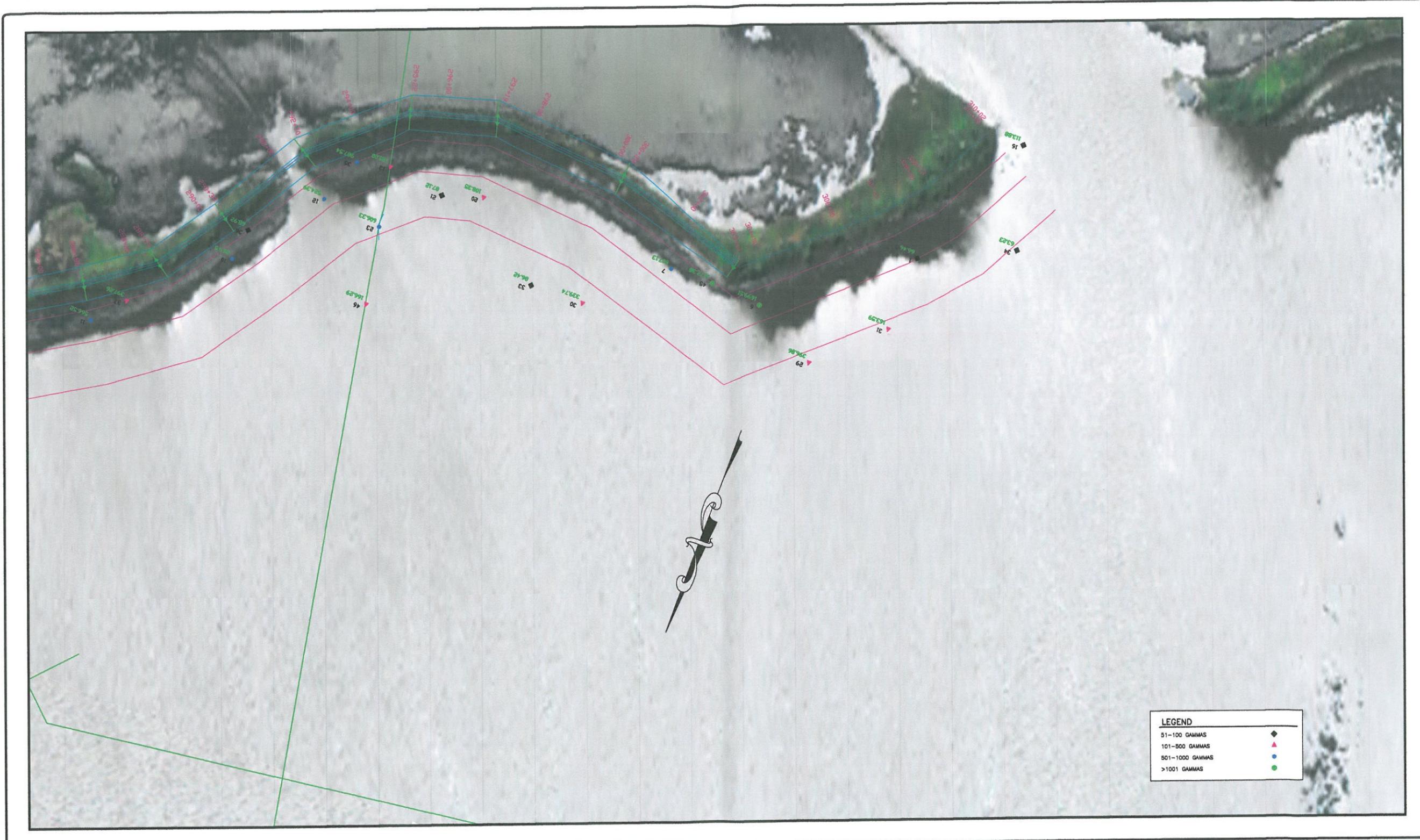
DATE: 11/2/12

BAYOU COUNTRY SURVEYING, LLC
Professional Land Surveyors
PO Box 156 Labadieville, LA 70372
Office 985-389-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		PROJECT:

SOUTHERN DELTA CONSTRUCTION
BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT
JUG LAKE AREA
MAG SURVEY STA 240+35 - STA 310+02
TERREBONNE PARISH, LOUISIANA

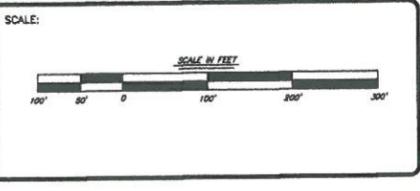
SHEET
4
OF 6 SHEETS



LEGEND	
51-100 GAMMAS	◆
101-500 GAMMAS	▲
501-1000 GAMMAS	●
>1001 GAMMAS	●

PROJECT NO: 2014
DIRECTORY: Z:\JOBS\2014
FILE: MAG SHEETS.DWG
FIELD BOOK:
MAP NO.

DATE	DESCRIPTION	BY
11/2/12	REVISED MAG SURVEY LAYOUT	HES



STAMP

Henry E. Schwartz IV
SIGNATURE:
11/2/12
DATE:

BAYOU COUNTRY SURVEYING, LLC
Professional Land Surveyors
PO Box 156 Labadieville, LA. 70372
Office 985-369-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		

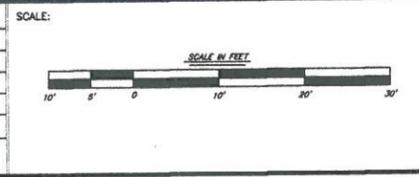
SOUTHERN DELTA CONSTRUCTION
BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT
JUG LAKE AREA
MAG SURVEY STA 240+35 - STA 310+02
TERREBONNE PARISH, LOUISIANA

SHEET
5
OF 6 SHEETS

PT	NORTHING	EASTING	AMPLITUDE	TYPE	WIDTH
1	316512.81	3403257.28	66.46	DIPOLE	67
2	317427.69	3405375.91	2013.34	MONOPOLE	34
3	317407.59	3406089.2	797.33	DIPOLE	32
4	317515.5	3406393.13	564.38	DIPOLE	17
5	318053.86	3406692.52	488.33	MONOPOLE	13
6	316734.81	3403552.63	1699.51	COMPLEX	190
7	316728.87	3403769.33	607.13	MONOPOLE	13
8	318648.59	3407477.57	1440.13	COMPLEX	35
9	317407.02	3405692.64	1087.92	MONOPOLE	67
10	317053.46	3404699.39	869.5	COMPLEX	34
11	317293.86	3404947.83	566.52	COMPLEX	234
12	316857.01	3404554.22	524.39	DIPOLE	5
13	316737.6	3404440.51	185.08	MONOPOLE	54
14	318028.48	3407228.72	865.79	MONOPOLE	52
15	318262.16	3407299.44	70.97	COMPLEX	104
16	316193.41	3403123.44	113.88	DIPOLE	6
17	317525.6	3405262.38	95.44	DIPOLE	4
18	318015.52	3406553.9	158.09	DIPOLE	6
19	317437.14	3406025.31	149.35	MONOPOLE	1
20	316728.08	3404219.33	108.35	MONOPOLE	19
21	316756.64	3404309.25	87.12	DIPOLE	4
22	317517.07	3405095.09	1274.92	DIPOLE	1
23	316871.77	3404417.01	606.33	MONOPOLE	30
24	319533.11	3407458.18	522.32	COMPLEX	240
25	318779.66	3407370.08	522.32	DIPOLE	16
26	317805.3	3406504.97	160.76	DIPOLE	4
27	318528.66	3407214.76	133.69	MONOPOLE	30
28	317594.55	3406298.06	123.94	DIPOLE	10
29	316815.21	3403403.39	396.86	DIPOLE	5
30	316869.98	3403928.07	339.74	MONOPOLE	12
31	316683.13	3403263.39	163.59	DIPOLE	4
32	319449.1	3407406.32	159.45	COMPLEX	30
33	316873.16	3404050.09	86.42	MONOPOLE	25
34	316417.84	3403053.79	63.23	DIPOLE	15
35	316754.14	3404515.06	987.54	MONOPOLE	22
36	316981.12	3404688.74	68.92	DIPOLE	1
37	317224.98	3404887.89	397.26	MONOPOLE	30
38	317405.52	3405160.67	537.68	DIPOLE	3
39	317427.69	3405375.91	2013.34	COMPLEX	35
40	317408.32	3406081.16	1653.5	DIPOLE	32
41	317515.5	3406393.13	564.38	DIPOLE	17
42	318051.55	3406700.11	389.99	MONOPOLE	13
43	318387.31	3407341.87	1446.13	MONOPOLE	26
44	319044.99	3407656.57	180.44	DIPOLE	1
45	316725.7	3403670.53	1672.38	DIPOLE	20
46	317042.85	3404383.25	166.29	MONOPOLE	34

PROJECT NO: 2014
 DIRECTORY: Z:\JOBS2\2014
 FILE: MAG SHEETS.DWG
 FIELD BOOK:
 MAP NO.

DATE	DESCRIPTION	BY
11/2/12	REVISED MAG SURVEY LAYOUT	HES
	REVISION	



STAMP

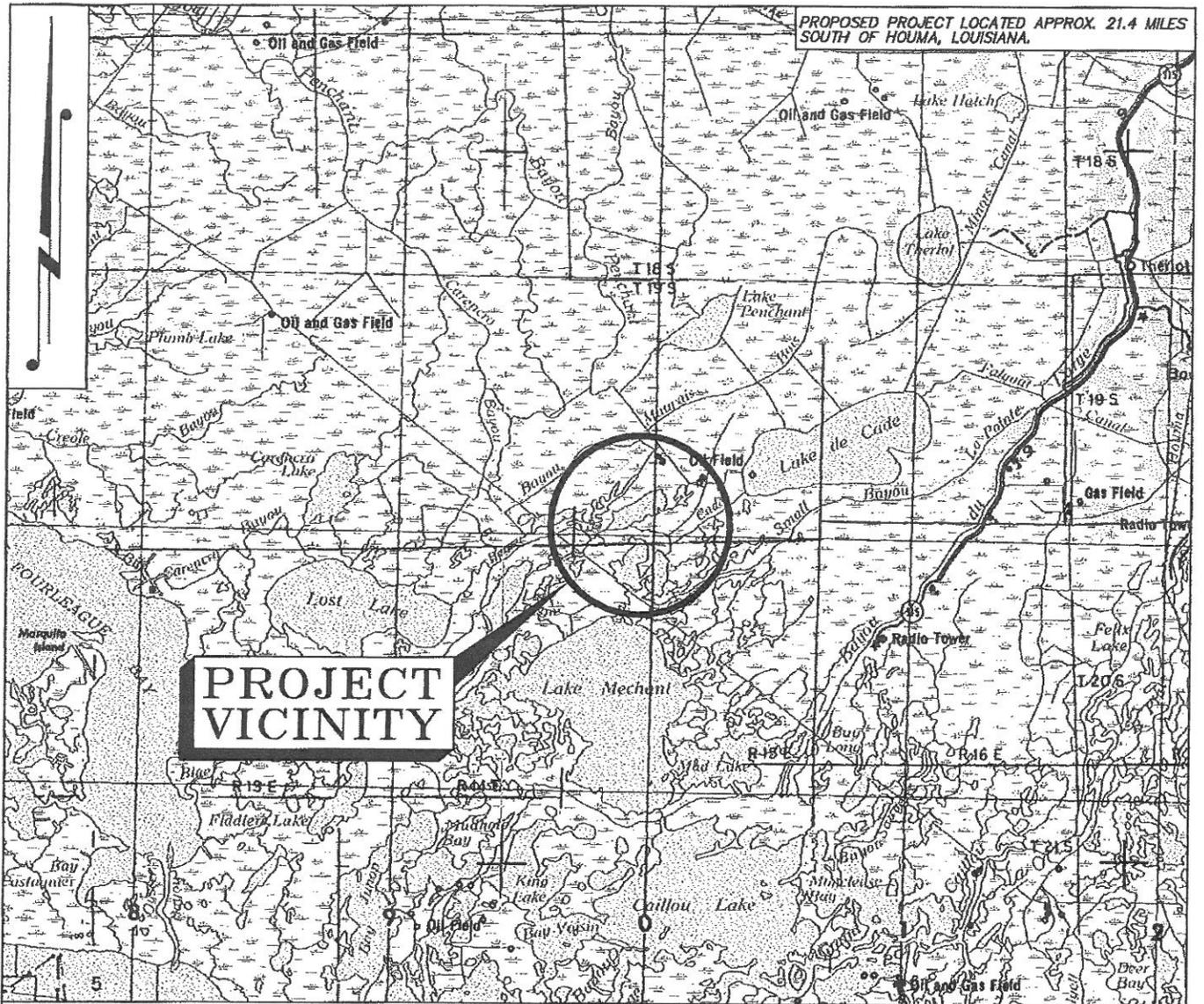
SIGNATURE: *Henry F. Schwartz IV*
 DATE: 11/2/12

BAYOU COUNTRY SURVEYING, LLC
 Professional Land Surveyors
 PO Box 156 Labadieville, LA 70372
 Office 985-369-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 10/30/2012		PROJECT:

SOUTHERN DELTA CONSTRUCTION
 BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 JUG LAKE AREA
 MAG SURVEY STA 240+35 - STA 310+02
 TERREBONNE PARISH, LOUISIANA

SHEET
 6
 OF 6 SHEETS



PROPOSED PROJECT LOCATED APPROX. 21.4 MILES SOUTH OF HOUMA, LOUISIANA.

**PROJECT
VICINITY**

THESE PLATS TO BE USED FOR
WETLAND PERMITTING PURPOSES ONLY

VICINITY MAP

APPROVED: _____

SCALE: 1" = 4 MILES

JOHN C. MATTINGLY
L.A. LAND SURVEYOR REG. NO. 4710

NO.	DATE	REVISION

ASPECT ENERGY, LLC

**AS-BUILT 3" FLOWLINE AND HEATER PLATFORM
TO SERVE THE SL 17894 NO. 1 WELL
LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
LAKE PAGIE FIELD
TERREBONNE PARISH, LOUISIANA**



T. BAKER SMITH
PROFESSIONAL CONSULTANTS SINCE 1913
(888) 868-1050 www.tbsmith.com

DRAWN BY: C.E.T.

SHEET 1 OF 8

APPROVED BY: J.C.M.

DRAWING NAME: 051442AB01.DWG

SCALE: 1"=4 MILES

JOB NUMBER: 2005.1442

DATE: 03/02/07

MAP NUMBER:

TERREBONNE PARISH, LOUISIANA

Sec. 33

Sec. 32

MATCHLINE A

T 19 S - R 15 E
T 20 S - R 15 E

NOTE: ALL SOUNDINGS REDUCED TO = 0.0' N.G.V.D. M.L.W.

PNT. NO.	COORDINATES (NAD 83)		COORDINATES (NAD 83)		MUD COVER	WATER DEPTH	T.O.P.
	LAT	LONG	X	Y			
1	29° 21' 31.72"	90° 56' 36.60"	3,405,024.53	311,505.14	S.L. 17894 #1 WELL		
2	29° 21' 21.13"	90° 56' 37.35"	3,404,958.03	311,464.17	0.6	3.8	4.4
3	29° 21' 21.32"	90° 56' 36.99"	3,404,989.80	311,483.83	2.0	3.8	5.8
4	29° 21' 21.03"	90° 56' 37.77"	3,404,920.75	311,454.33	Riser		
5	29° 21' 21.12"	90° 56' 37.78"	3,404,920.13	311,462.89	3.9	3.1	7.0
6	29° 21' 21.84"	90° 56' 37.80"	3,404,918.56	311,536.12	4.3	3.4	7.7
7	29° 21' 22.97"	90° 56' 37.86"	3,404,912.15	311,650.10	4.3	2.4	6.7
8	29° 21' 24.20"	90° 56' 37.90"	3,404,908.15	311,774.21	4.0	3.6	7.6
9	29° 21' 25.61"	90° 56' 38.07"	3,404,893.13	311,916.40	4.6	4.1	8.7
10	29° 21' 26.98"	90° 56' 38.20"	3,404,881.51	312,055.42	5.8	3.7	9.5
11	29° 21' 28.56"	90° 56' 38.26"	3,404,874.88	312,215.28	4.9	3.8	8.7
12	29° 21' 30.15"	90° 56' 38.28"	3,404,872.91	312,375.56	4.0	2.9	6.9
13	29° 21' 31.68"	90° 56' 38.38"	3,404,865.56	312,529.49	5.0	3.8	8.8
14	29° 21' 33.08"	90° 56' 38.40"	3,404,861.39	312,671.29	4.2	3.5	7.7
15	29° 21' 34.37"	90° 56' 38.43"	3,404,858.26	312,801.53	4.4	2.9	7.3
16	29° 21' 35.61"	90° 56' 38.52"	3,404,849.82	312,927.25	4.3	2.8	7.1
17	29° 21' 36.76"	90° 56' 38.59"	3,404,843.55	313,042.61	4.8	3.5	8.2
18	29° 21' 38.11"	90° 56' 38.65"	3,404,840.64	313,179.52	4.0	3.8	7.8
19	29° 21' 39.44"	90° 56' 38.61"	3,404,840.75	313,313.96	4.3	2.8	7.1
20	29° 21' 41.57"	90° 56' 38.67"	3,404,834.54	313,528.93	4.4	2.8	7.2
21	29° 21' 43.62"	90° 56' 38.76"	3,404,826.24	313,736.17	4.1	2.8	6.9
22	29° 21' 46.35"	90° 56' 38.82"	3,404,819.20	314,011.45	4.3	2.6	6.9
23	29° 21' 48.23"	90° 56' 38.98"	3,404,804.73	314,201.97	2.5	4.6	7.1

AS-BUILT 3" FLOWLINE

Sec. 5

Apache Louisiana Minerals, Inc. (ALMI)
Burlington Resources / LL&E

Sec. 4

BEGIN AS-BUILT 3" FLOWLINE AT EXISTING SL 17894 #1 WELL

LAT = 29° 21' 21.53" (NAD 83)
LONG = 90° 56' 36.60"
X = 3,405,024.53
Y = 311,505.14 (NAD 83)
X = 2,124,224.49
Y = 250,800.55 (NAD 27)

BEGIN AS-BUILT 3" F/L AT HEATER PLATFORM

LAT = 29° 21' 21.04" (NAD 83)
LONG = 90° 56' 37.62"
X = 3,404,935 (NAD 83)
Y = 311,456

RACCOURCI BAY

AS-BUILT 10'x20' HEATER PLATFORM

SCALE IN FEET

THESE PLATS TO BE USED FOR WETLAND PERMITTING PURPOSES ONLY



APPROVED:

JOHN C. MATTINGLY
LA. LAND SURVEYOR REG. NO. 4710

01 09/06/07

REVISED SOUNDING DEPTHS FOR POINTS 7, 12, 14-23

NO.

DATE

REVISION

ASPECT ENERGY, LLC

AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM TO SERVE THE SL 17894 NO. 1 WELL LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E LAKE PAGIE FIELD TERREBONNE PARISH, LOUISIANA



T. BAKER SMITH
PROFESSIONAL CONSULTANTS SINCE 1913
(985) 888-1050 www.tbasmith.com

DRAWN BY: C.E.T.

SHEET 2 OF 8

APPROVED BY: J.C.M.

DRAWING NAME: 051442AB02.DWG

SCALE: 1"=500'

JOB NUMBER: 2005.1442

DATE: 03/02/07

MAP NUMBER:

TERREBONNE PARISH, LOUISIANA

JUG LAKE

Sec. 32

MATCHLINE B

DRILL ENTRY (BOTH DIRECTIONS)

LAT.=29°22'15.14"
LONG.=90°56'43.35" (NAD 83)
X=3,404,408.82
Y=316,918.98 (NAD 83)

BRADY CANAL
CWPBRA PROJECT TE-28

AS-BUILT 3" FLOWLINE

NOTE: ALL SOUNDINGS REDUCED TO = 0.0' N.G.V.D. M.L.W.

PNT. NO.	COORDINATES (NAD 83)		COORDINATES (NAD 83)		MUD COVER	WATER DEPTH	T.O.P.
	LAT	LONG	X	Y			
24	29°21'49.25"	90°56'39.05"	3,404,798.62	314,304.66	4.2	3.3	7.5
25	29°21'51.45"	90°56'39.07"	3,404,796.04	314,526.99	4.0	1.8	5.8
26	29°21'52.66"	90°56'39.15"	3,404,788.08	314,648.50	4.9	2.3	7.2
27	29°21'54.31"	90°56'39.20"	3,404,782.79	314,816.06	5.4	2.0	7.4
28	29°21'55.28"	90°56'39.22"	3,404,781.24	314,913.90	4.7	2.0	6.7
29	29°21'56.33"	90°56'39.28"	3,404,775.45	315,019.11	5.1	1.6	6.7
30	29°21'57.09"	90°56'39.32"	3,404,771.93	315,095.98	4.1	1.7	5.8
31	29°21'57.84"	90°56'39.36"	3,404,767.61	315,172.36	5.0	1.8	6.8
32	29°21'58.99"	90°56'39.52"	3,404,753.67	315,288.51	4.1	2.9	7.0
33	29°21'58.97"	90°56'39.93"	3,404,717.01	315,286.08	1.2	4.3	5.5
34	29°21'59.59"	90°56'39.58"	3,404,747.77	315,348.79	4.1	2.7	6.8
35	29°22'14.26"	90°56'43.21"	3,404,421.58	316,828.58	10.6	5.6	16.2
36	29°22'14.65"	90°56'43.24"	3,404,418.77	316,868.95	4.3	5.3	9.6
37	29°22'15.08"	90°56'43.44"	3,404,400.86	316,912.02	5.2	4.5	9.7
38	29°22'15.84"	90°56'43.50"	3,404,395.36	316,989.08	11.5	3.5	15

Apache Louisiana Minerals, Inc.

BAYOU DE CADE

DRILL EXIT
LAT.=29°21'59.63"
LONG.=90°56'39.59" (NAD 83)
X=3,404,746.96 (NAD 83)
Y=315,352.47

Apache Louisiana Minerals, Inc.

MATCHLINE A

SCALE IN FEET

THESE PLATS TO BE USED FOR WETLAND PERMITTING PURPOSES ONLY



APPROVED:

JOHN C. MATTINGLY
LA. LAND SURVEYOR REG. NO. 4710

01	09/06/07	REVISED SOUNDING DEPTHS FOR POINTS 25, 27-34
NO.	DATE	REVISION

ASPECT ENERGY, LLC

AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
TO SERVE THE SL 17894 NO. 1 WELL
LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
LAKE PAGIE FIELD
TERREBONNE PARISH, LOUISIANA



DRAWN BY: C.E.T.

SHEET 3 OF 8

APPROVED BY: J.C.M.

DRAWING NAME: 051442AB03.DWG

SCALE: 1"=500'

JOB NUMBER: 2005.1442

DATE: 03/02/07

MAP NUMBER:

TERREBONNE PARISH, LOUISIANA

**END AS-BUILT 3" FLOWLINE AT
EXISTING APACHE CF #1 PLATFORM**

LAT.=29°22'41.95" (NAD 83)
LONG.=90°56'51.24"
X=3,403,701.65 (NAD 83)
Y=319,624.21

Apache Louisiana
Minerals, Inc.

MULTIPLE
FLOWLINES

FLARE

Sec. 29

DRILL EXIT

LAT.=29°22'41.25" (NAD 83)
LONG.=90°56'50.63"
X=3,403,756.15 (NAD 83)
Y=319,553.37 (NAD 83)

BRADY CANAL
CWPPRA PROJECT TE-28

NOTE: ALL SOUNDINGS REDUCED TO = 0.0' N.G.V.D. M.L.W.

PNT. NO.	COORDINATES (NAD 83)		COORDINATES (NAD 83)		MUD COVER	WATER DEPTH	T.O.P.
	LAT	LONG	X	Y			
39	29°22'27.63"	90°56'46.06"	3,404,164.82	318,179.25	12.8	4.0	16.8
40	29°22'28.25"	90°56'46.17"	3,404,155.15	318,242.35	4.5	3.0	8.0
41	29°22'29.70"	90°56'46.38"	3,404,135.64	318,387.90	4.6	4.3	8.9
42	29°22'31.72"	90°56'46.80"	3,404,097.67	318,592.42	5.0	3.7	8.7
43	29°22'32.12"	90°56'47.03"	3,404,077.47	318,632.51	4.1	4.9	9
44	29°22'32.30"	90°56'47.03"	3,404,077.41	318,650.69	7.3	4.5	11.8
45	29°22'32.54"	90°56'47.09"	3,404,072.02	318,674.92	11	4.1	15.1
46	29°22'34.15"	90°56'47.76"	3,404,012.19	318,837.35	-	-	-
47	29°22'38.19"	90°56'48.49"	3,403,946.91	319,043.20	-	-	-
48	29°22'37.66"	90°56'49.10"	3,403,892.44	319,191.51	-	-	-
49	29°22'38.88"	90°56'49.67"	3,403,841.59	319,314.57	TINKER & RASER	-	-
50	29°22'39.22"	90°56'49.92"	3,403,819.36	319,348.84	18.4	1.1	19.5
51	29°22'40.40"	90°56'50.42"	3,403,774.72	319,467.89	9.7	1.1	19.5
52	29°22'40.55"	90°56'50.50"	3,403,787.59	319,483.02	9.5	-	9.5
53	29°22'40.93"	90°56'50.65"	3,403,754.19	319,521.36	4.8	-	4.8
54	29°22'41.19"	90°56'50.65"	3,403,754.10	319,547.62	PIPELINE EXPOSED	-	-
55	29°22'41.34"	90°56'50.70"	3,403,749.63	319,562.76	PIPELINE EXPOSED	-	-
56	29°22'41.95"	90°56'51.24"	3,403,701.65	319,624.21	3" RISER	-	-

MULTIPLE
FLOWLINES

DRILL ENTRY

LAT.=29°22'32.97" (NAD 83)
LONG.=90°56'47.25"
X=3,404,057.85 (NAD 83)
Y=318,718.42 (NAD 83)

DRILL EXIT

LAT.=29°22'28.74" (NAD 83)
LONG.=90°56'46.33"
X=3,404,140.63 (NAD 83)
Y=318,291.82 (NAD 83)

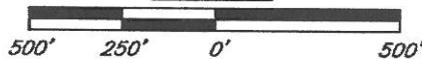
JUG LAKE

Sec. 32

AS-BUILT 3" FLOWLINE

MATCHLINE B

SCALE IN FEET



THESE PLATS TO BE USED FOR
WETLAND PERMITTING PURPOSES ONLY

APPROVED:

JOHN C. MATTINGLY
LA. LAND SURVEYOR REG. NO. 4710

01	09/06/07	REVISED SOUNDING DEPTHS FOR POINTS 40-42
NO.	DATE	REVISION

ASPECT ENERGY, LLC

**AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
TO SERVE THE SL 17894 NO. 1 WELL
LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
LAKE PAGIE FIELD
TERREBONNE PARISH, LOUISIANA**

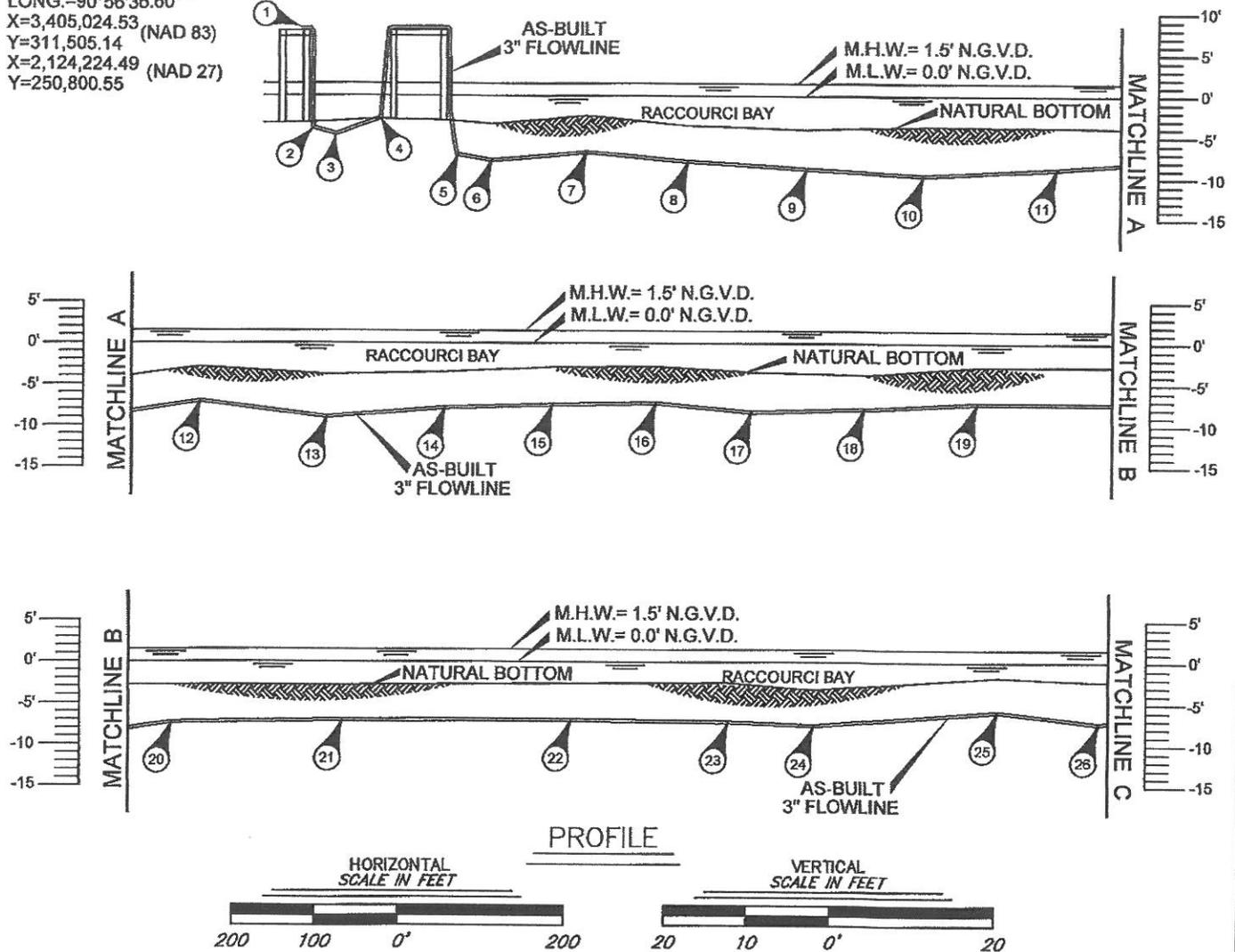


T. BAKER SMITH
PROFESSIONAL CONSULTANTS SINCE 1913
(985) 666-1050 www.tbsmith.com

DRAWN BY:	C.E.T.	SHEET	4	OF	8
APPROVED BY:	J.C.M.	DRAWING NAME:	051442AB04.DWG		
SCALE:	1"=500'	JOB NUMBER:	2005.1442		
DATE:	03/02/07	MAP NUMBER:			

BEGIN AS-BUILT 3" FLOWLINE
AT EXISTING SL 17894 #1 WELL

LAT.=29°21'21.53" (NAD 83)
LONG.=90°56'36.60" (NAD 83)
X=3,405,024.53 (NAD 83)
Y=311,505.14 (NAD 83)
X=2,124,224.49 (NAD 27)
Y=250,800.55 (NAD 27)



APPROVED: _____
JOHN C. MATTINGLY
LA. LAND SURVEYOR REG. NO. 4710

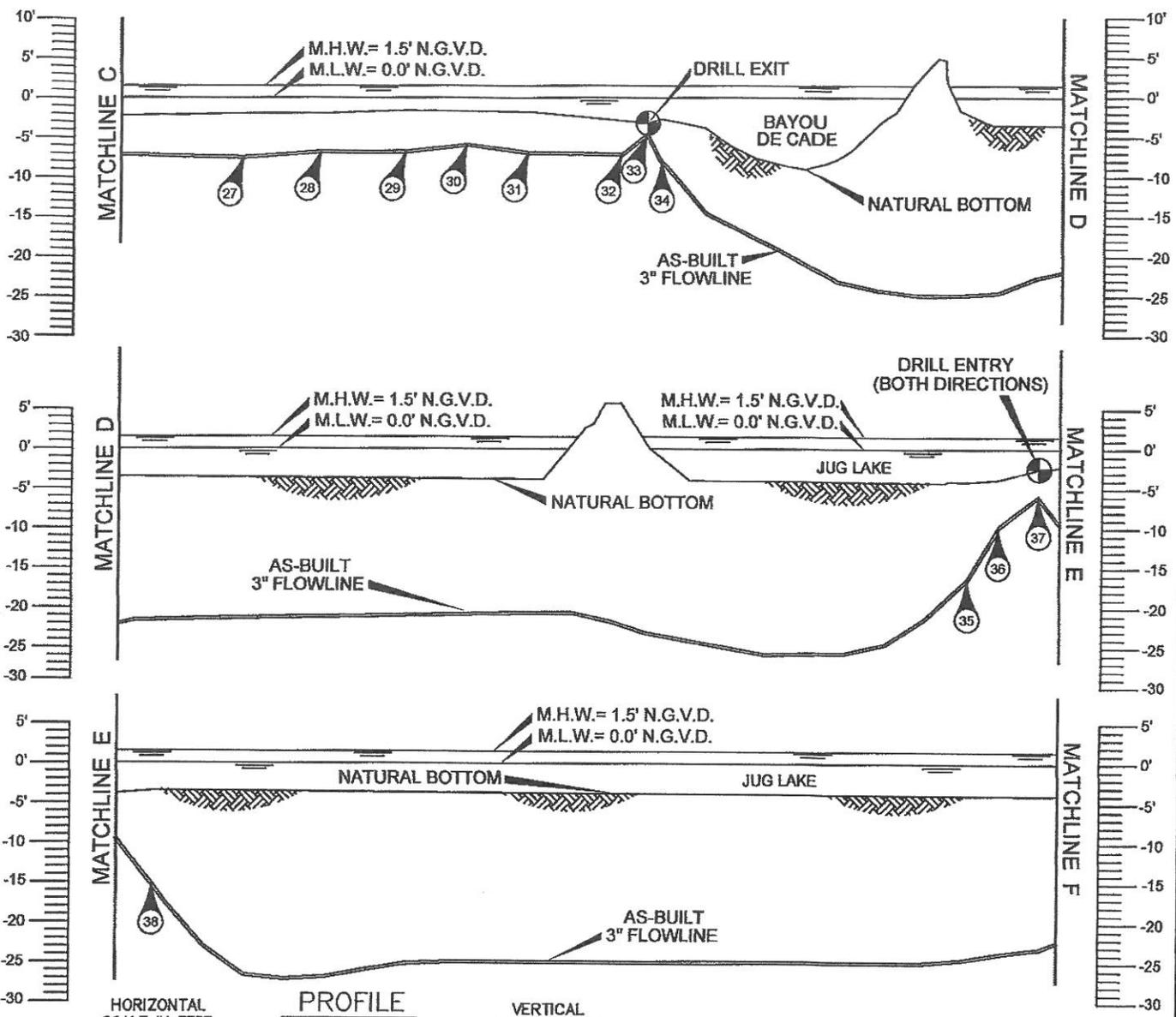
THESE PLATS TO BE USED FOR
WETLAND PERMITTING PURPOSES ONLY

01	09/06/07	REVISED DEPTH OF SOUNDINGS FOR POINTS 7, 12, 14-23, 25
NO.	DATE	REVISION

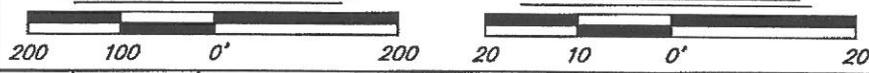
ASPECT ENERGY, LLC

AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
TO SERVE THE SL 17894 NO. 1 WELL
LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
LAKE PAGIE FIELD
TERREBONNE PARISH, LOUISIANA

 T. BAKER SMITH <small>PROFESSIONAL CONSULTANTS SINCE 1913 (985) 868-1050 www.tbsmith.com</small>	DRAWN BY: C.E.T.	SHEET 5 OF 8
	APPROVED BY: J.C.M.	DRAWING NAME: 051442AB05.DWG
	SCALE: AS SHOWN	JOB NUMBER: 2005.1442
	DATE: 03/02/07	MAP NUMBER:



HORIZONTAL SCALE IN FEET PROFILE VERTICAL SCALE IN FEET



APPROVED: **JOHN C. MATTINGLY**
L.A. LAND SURVEYOR REG. NO. 4710

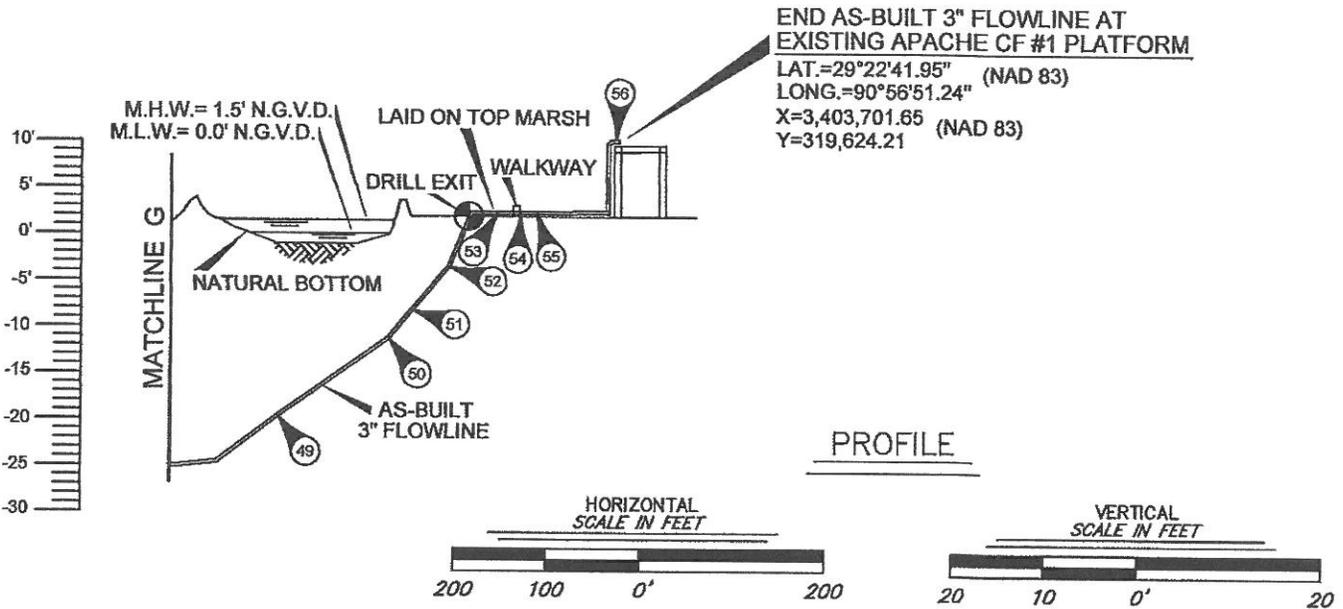
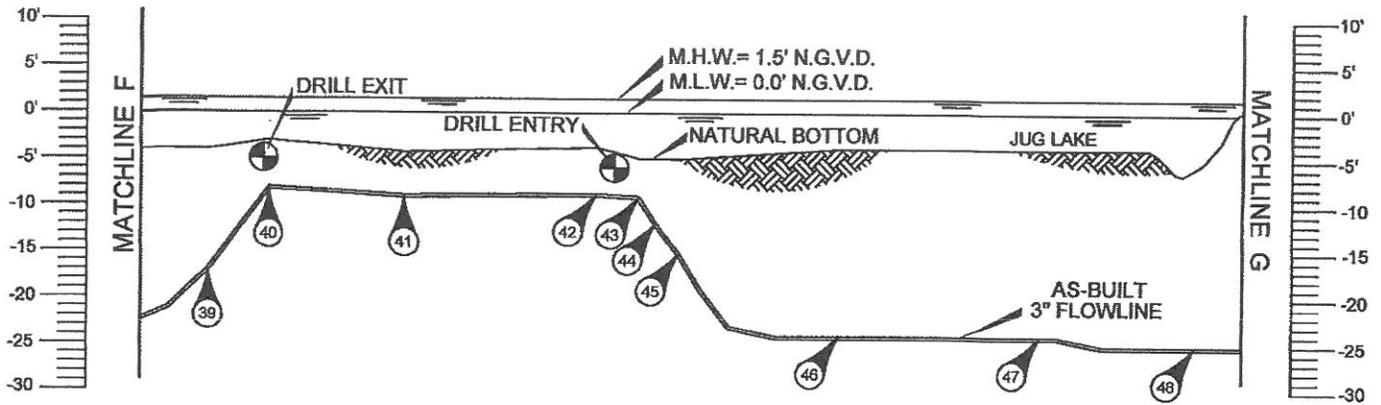
01	09/06/07	REVISED SOUNDING DEPTHS FOR POINTS 27-34
NO.	DATE	REVISION

ASPECT ENERGY, LLC

**AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
TO SERVE THE SL 17894 NO. 1 WELL
LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
LAKE PAGIE FIELD
TERREBONNE PARISH, LOUISIANA**



DRAWN BY:	C.E.T.	SHEET	6	OF	8
APPROVED BY:	J.C.M.	DRAWING NAME:	051442AB08.DWG		
SCALE:	AS SHOWN	JOB NUMBER:	2005.1442		
DATE:	03/02/07	MAP NUMBER:			



END AS-BUILT 3" FLOWLINE AT
 EXISTING APACHE CF #1 PLATFORM
 LAT.=29°22'41.95" (NAD 83)
 LONG.=90°56'51.24"
 X=3,403,701.65 (NAD 83)
 Y=319,624.21



THESE PLATS TO BE USED FOR WETLAND PERMITTING PURPOSES ONLY

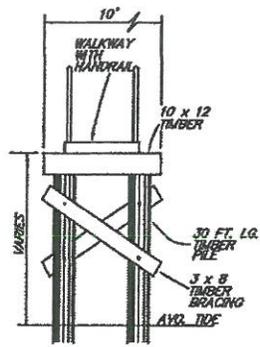
APPROVED: _____ JOHN C. MATTINGLY
 L.A. LAND SURVEYOR REG. NO. 4710

01	09/06/07	REVISED SOUNDING DEPTHS FOR POINTS 40-42
NO.	DATE	REVISION

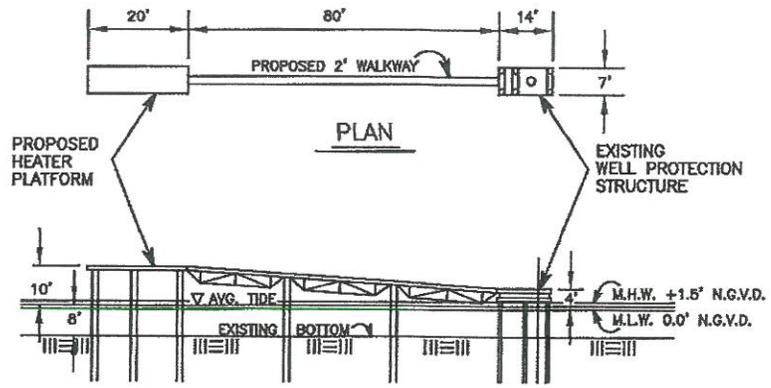
ASPECT ENERGY, LLC

**AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
 TO SERVE THE SL 17894 NO. 1 WELL
 LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
 LAKE PAGIE FIELD
 TERREBONNE PARISH, LOUISIANA**

 T. BAKER SMITH <small>PROFESSIONAL CONSULTANTS SINCE 1913 (985) 866-1050 www.tbsmith.com</small>	DRAWN BY: C.E.T.	SHEET 7 OF 8
	APPROVED BY: J.C.M.	DRAWING NAME: 051442AB07.DWG
	SCALE: AS SHOWN	JOB NUMBER: 2005.1442
	DATE: 03/02/07	MAP NUMBER:



WALKWAY DETAIL
NOT TO SCALE



ELEVATION
DETAIL FOR HEATER PLATFORM & WALKWAY
NOT TO SCALE

NOTES

ALL STRUCTURES, FACILITIES, WELLS AND PIPELINES/FLOWLINES OCCURRING IN OPEN WATER AREAS, OR IN OILFIELD CANALS, OR SLIPS SHALL BE REMOVED WITHIN 120 DAYS OF ABANDONMENT OF THE FACILITIES FOR THE HEREIN PERMITTED USE, UNLESS PRIOR WRITTEN APPROVAL TO LEAVE SUCH STRUCTURES IN PLACE IS RECEIVED FROM THE COASTAL MANAGEMENT DIVISION. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED FOR SUCH ACTIVITIES.

AS-BUILT DRAWINGS SHALL BE SUBMITTED, IF REQUIRED, WITHIN 30 DAYS OF COMPLETION OF THIS PROJECT TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, COASTAL MANAGEMENT DIVISION AND OFFICE OF CONSERVATION, PIPELINE SAFETY DIVISION, POST OFFICE BOX 44487, BATON ROUGE, LA 70804-4487.

IN ORDER TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITTEE SHALL CONTACT LOUISIANA ONE CALL (1-800-272-3020) A MINIMUM OF 96 HOURS PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION (DIGGING, DREDGING, JETTING, ETC.) OR DEMOLITION ACTIVITY.

A RIGHT OF WAY GRANT WILL BE OBTAINED FROM THE LA STATE LAND OFFICE SHOULD ONE BE REQUIRED PRIOR TO ANY CONSTRUCTION ACTIVITIES.

NO TRACK OR WHEEL-TYPE VEHICLES TO BE USED DURING THE INSTALLATION OF PERMITTED FLOWLINES UNLESS NOTED OTHERWISE HEREIN.

APPROVED: _____
JOHN C. MATTINGLY
LA. LAND SURVEYOR REG. NO. 4710

THESE PLATS TO BE USED FOR
WETLAND PERMITTING PURPOSES ONLY

NO.	DATE	REVISION
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ASPECT ENERGY, LLC

**AS-BUILT 3" FLOWLINE, WALKWAY, AND HEATER PLATFORM
TO SERVE THE SL 17894 NO. 1 WELL
LOCATED IN SEC. 5, T20S- R15E, SEC. 29 & 32, S19S-R15E
LAKE PAGIE FIELD
TERREBONNE PARISH, LOUISIANA**

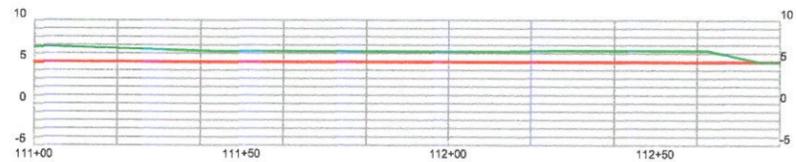


T. BAKER SMITH
PROFESSIONAL CONSULTANTS SINCE 1913
(985) 668-1050 www.tbsmith.com

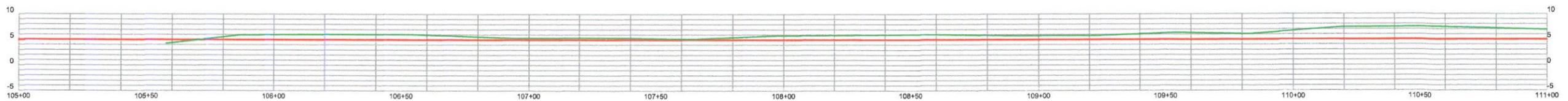
DRAWN BY: C.E.T.	SHEET 8 OF 8
APPROVED BY: J.C.M.	DRAWING NAME: 051442AB08.DWG
SCALE: NONE	JOB NUMBER: 2005.1442
DATE: 03/02/07	MAP NUMBER:

ATTACHMENT “I”

Contractor As-Built Drawings



Elevation	6.72	6.28	6.27	6.25	6.39	6.35	4.86
Station	111+12.03	111+44.86	111+74.03	112+10.19	112+28.08	112+62.76	112+73.52

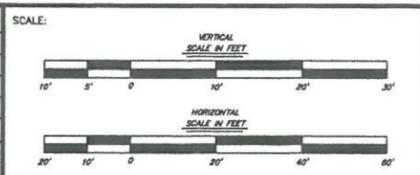


Elevation		4.26	5.95	6.04	6.25	5.35	5.39	5.18	5.80	5.94	6.03	5.78	5.81	6.38	6.05	7.40	7.50
Station		105+43.92	105+88.25	105+95.18	105+95.09	106+94.17	107+28.02	107+44.32	107+48.81	108+27.00	108+54.13	108+60.36	108+25.36	108+54.56	108+63.01	110+18.83	110+55.46

LEGEND
 TYPICAL SECTION —
 FINAL SETTLED ELEVATION —

PROJECT NO: 2014
DIRECTORY: Z:\JOBS2\2014
FILE: FINAL ASBUILTS.DWG
FIELD BOOK:
MAP NO.

DATE	DESCRIPTION	BY
	REVISION	



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Henry E. Schwartz IV
 SIGNATURE:
 DATE: 4/2/13

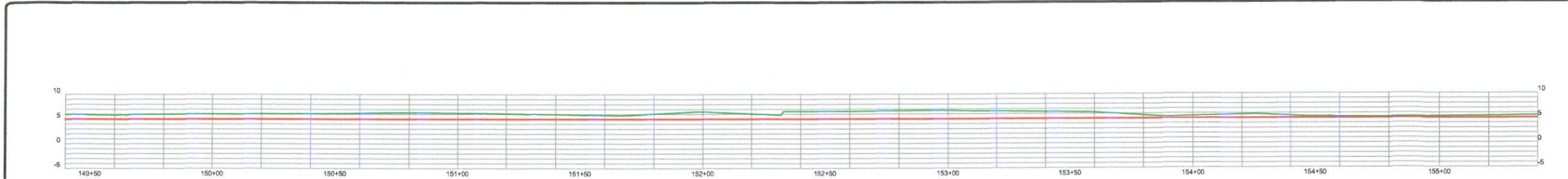
BAYOU COUNTRY SURVEYING, LLC
 Professional Land Surveyors
 PO Box 156 Labadieville, LA 70372
 Office 985-369-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 4/2/2013	PROJECT:	

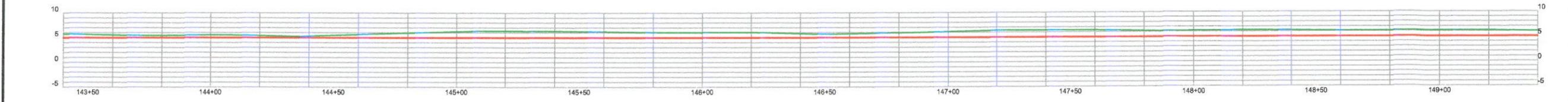
SOUTHERN DELTA CONSTRUCTION
 BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 JUG LAKE AREA
 FINAL ASBUILTS STA 105+86 - STA 303+62
 TERREBONNE PARISH, LOUISIANA
 AS-BUILTS

SHEET
 34
 OF 42 SHEETS

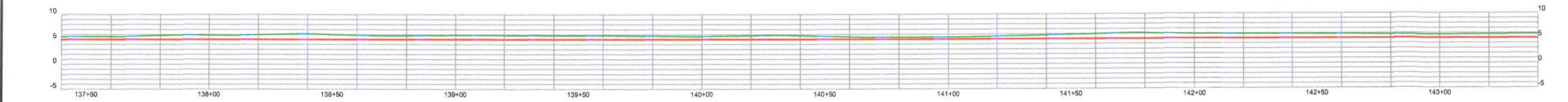
111+12.03 6.72



Elevation	5.86	6.04	6.07	6.15	6.36	6.18	5.88	5.75	6.57	6.83	6.39	6.74	6.52	6.34	5.35	5.80	5.35	5.23	5.36
Station	149+55.20	149+48.50	150+13.96	150+47.22	150+75.92	151+12.10	151+37.14	151+47.08	151+47.79	152+33.08	152+45.06	152+42.70	152+26.30	153+48.73	153+40.25	154+25.77	154+45.52	154+31.49	155+11.35



Elevation	5.42	5.56	5.24	5.62	6.38	6.31	6.06	6.07	5.67	5.86	6.37	6.43	6.16	6.31	6.18	6.17	6.21
Station	143+74.67	144+03.77	144+35.74	144+56.17	145+10.63	145+43.54	145+54.80	146+22.37	146+50.53	146+45.68	147+13.30	147+45.76	147+68.10	148+24.37	148+56.25	148+56.04	149+10.30

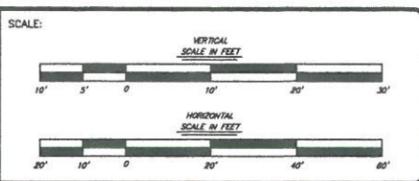


Elevation	5.61	5.55	5.62	6.18	5.74	5.87	5.61	5.77	5.83	5.43	5.39	5.74	6.15	5.94	5.89	5.80	5.67	5.79	
Station	137+43.36	137+48.77	138+10.31	138+38.79	138+49.80	139+00.37	139+34.46	139+40.82	139+48.86	140+33.12	140+44.23	141+01.54	141+37.32	141+75.06	141+47.82	142+31.77	142+46.33	142+48.04	143+36.57

LEGEND
 TYPICAL SECTION ————
 FINAL SETTLED ELEVATION ————

PROJECT NO: 2014
DIRECTORY: Z:\JOBS2\2014
FILE: FINAL ASBUILTS.DWG
FIELD BOOK:
MAP NO.

DATE	DESCRIPTION	BY



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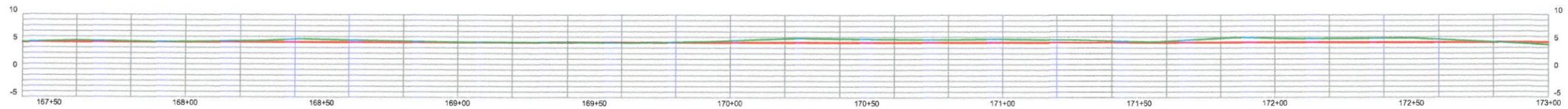
SIGNATURE: *Henry E. Schwartz*
 DATE: 4/2/13

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 PO Box 156 Labadieville, LA 70372
 Office 985-369-2722

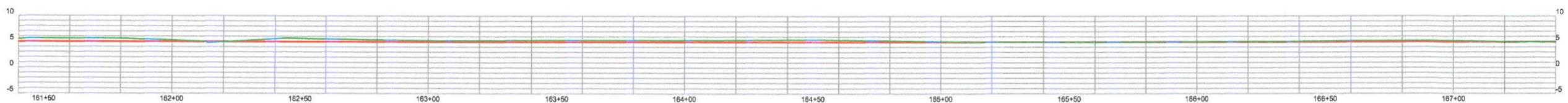
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CHECKED:	CHECKED:	CHECKED:
DATE: 4/2/2013	PROJECT:	

SOUTHERN DELTA CONSTRUCTION
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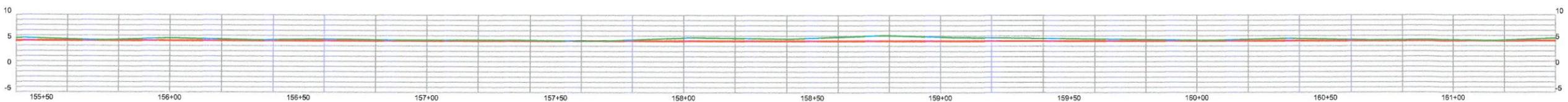
SHEET
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 OF 42 SHEETS



Elevation																			
Station	167+61.02	167+82.21	168+26.82	168+42.11	168+70.84	168+80.80	168+33.88	168+62.76	168+91.08	170+23.15	170+91.58	170+93.81	170+95.01	171+25.95	171+94.86	171+85.73	172+07.81	172+60.00	173+00.00



Elevation																				
Station	161+44.51	161+80.88	162+13.88	162+44.75	162+76.17	163+07.27	163+41.66	163+73.13	164+03.98	164+38.66	164+54.83	164+64.32	165+12.45	165+42.82	165+73.82	166+04.70	166+35.23	166+66.17	166+98.39	167+28.39

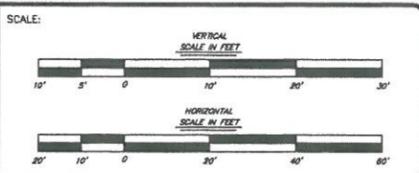


Elevation																			
Station	155+41.62	155+73.83	156+00.40	156+33.05	156+58.90	156+89.86	157+30.73	157+68.29	158+03.00	158+40.77	158+78.25	159+04.47	159+43.08	159+76.53	160+04.56	160+35.06	160+68.88	160+94.07	161+15.23

LEGEND
 TYPICAL SECTION ——— (Red line)
 FINAL SETTLED ELEVATION ——— (Green line)

PROJECT NO: 2014
 DIRECTORY: Z:\JOBS2\2014
 FILE: FINAL ASBUILTS.DWG
 FIELD BOOK:
 MAP NO.

DATE	DESCRIPTION	BY
	REVISION	



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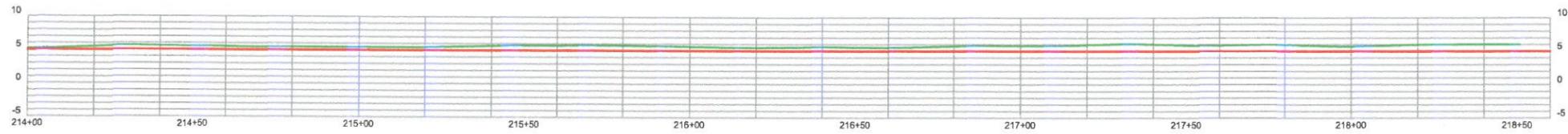
SIGNATURE: *Henry Schwartz IV*
 DATE: 4/2/13

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 Office 985-369-2722

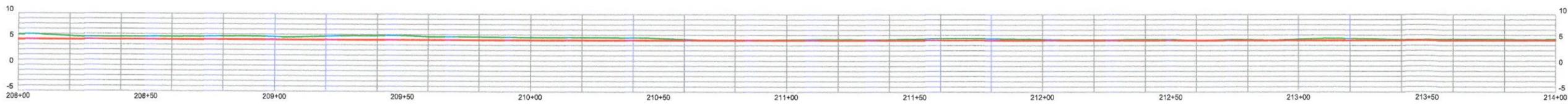
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CHECKED:	CHECKED:	CHECKED:
DATE: 4/2/2013		PROJECT:

SOUTHERN DELTA CONSTRUCTION
 BRADY CANAL HYDROLOGIC RESTORATION
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 JUG LAKE AREA
 FINAL ASBUILTS STA 105+86 - STA 303+62
 TERREBONNE PARISH, LOUISIANA
 AS-BUILTS

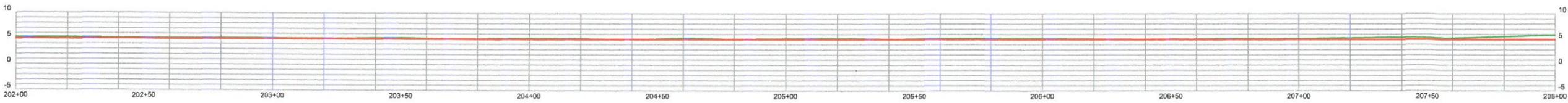
SHEET
 36
 OF 42 SHEETS



Elevation	5.27	5.67	5.58	5.54	5.44	5.46	5.45	5.46	5.73	5.77	5.78	5.85	5.48	5.63	5.63	5.83	5.80	6.14	5.83	5.98	5.98	6.02	6.06	6.00
Station	214+06.08	214+28.71	214+45.42	214+58.96	214+66.71	214+78.59	214+88.87	215+20.78	215+45.24	215+62.59	215+82.13	216+00.10	216+17.38	216+40.21	216+61.84	216+84.55	217+10.82	217+31.84	217+57.74	217+76.50	217+96.62	218+20.02	218+43.88	218+51.05



Elevation	5.98	5.46	5.54	5.59	5.49	5.80	5.88	5.83	5.60	5.51	5.54	5.46	5.08	5.07	5.19	5.15	5.23	5.38	5.37	5.29	5.10	5.14	5.17	4.86	5.19	5.06	5.44	5.28	5.11	5.19	5.20	5.12
Station	208+04.83	208+27.85	208+51.50	208+77.80	208+94.86	209+23.25	209+50.09	209+59.11	209+81.01	210+01.33	210+22.32	210+46.51	210+66.73	210+88.73	211+14.21	211+37.41	211+46.20	211+58.10	211+77.70	211+85.52	212+11.20	212+31.80	212+49.88	212+62.05	212+73.82	212+80.20	213+11.55	213+28.73	213+43.88	213+57.99	213+74.81	213+82.27

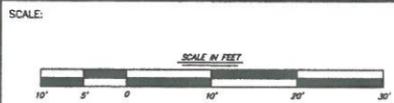


Elevation	5.31	5.28	5.14	5.18	5.13	5.09	5.28	5.03	5.13	5.17	5.02	5.27	5.08	5.13	5.22	5.23	5.22	5.18	5.08	5.11	5.20	5.09	5.27	5.45	5.27	5.61
Station	202+01.38	202+21.88	202+40.56	202+75.15	203+01.65	203+27.05	203+48.56	203+60.88	203+84.57	204+18.15	204+40.72	204+60.88	204+78.84	204+88.75	205+20.52	205+40.78	205+48.05	205+66.88	205+80.06	206+50.58	206+72.72	206+81.63	207+11.93	207+38.55	207+58.86	207+80.35

LEGEND
 TYPICAL SECTION ————
 FINAL SETTLED ELEVATION ————

PROJECT NO: 2014
 DIRECTORY: Z:\JOBS2\2014
 FILE: FINAL ASBUILTS.DWG
 FIELD BOOK:
 MAP NO.

DATE	DESCRIPTION	BY
	REVISION	



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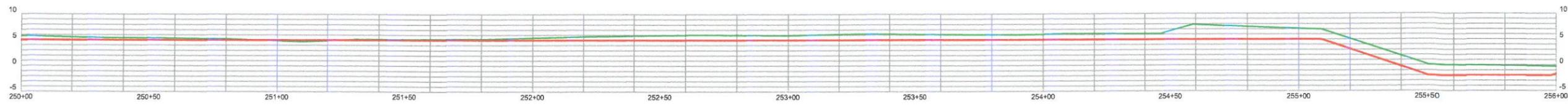
 SIGNATURE: *Henry E. Schwartz*
 DATE: 4/2/13

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 Office 985-369-2722

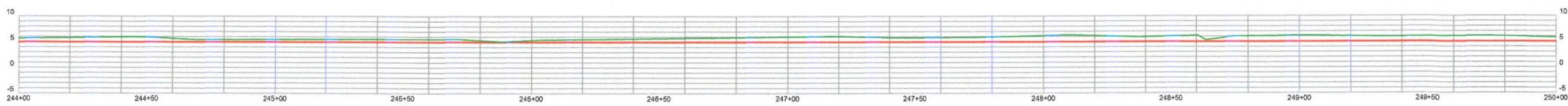
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SOUTHERN DELTA CONSTRUCTION
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 JUG LAKE AREA
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 TERREBONNE PARISH, LOUISIANA
 AS-BUILTS

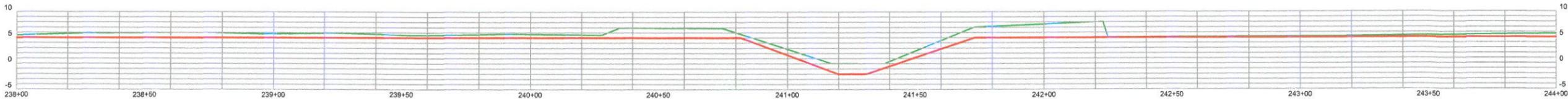
SHEET
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 OF 42 SHEETS



Elevation	5.90		5.41	5.38	5.23	4.71	5.18		5.23	5.70	5.89	6.03	5.90	6.24	6.08	5.94	6.17	6.09	7.90	7.81	6.96	0.08	-3.76
Station	250+00.00		250+35.96	250+50.00	250+62.27	251+10.03	251+30.41		251+62.46	252+00.81	252+38.70	252+66.52	252+98.07	253+28.04	253+57.85	253+88.89	254+11.03	254+46.07	254+59	254+72	255+08.46	255+51	256+00



Elevation		5.99	5.42		5.58	5.52	5.07	5.45	5.53		6.13	5.82	5.91		6.32	5.90	6.22	6.22	6.02	6.20	5.94	6.12	5.80
Station		244+47.16	244+68.82		245+45.71	245+72.17	245+88.52	246+03.28	246+33.51		247+20.42	247+42.17	247+74.51		248+10.30	248+37.37	248+63.50	248+63.50	248+74.53	249+02.63	249+33.51	249+72.82	250+00.00

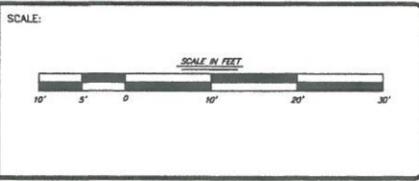


Elevation	5.80	5.80	6.05	5.75	5.93	5.48	5.63	5.74	5.38	6.97	6.80	-0.07	0.25	7.08	8.09	5.06					5.23	
Station	238+26.19	238+48.47	238+71.17	238+97.16	239+25.77	239+54.36	239+80.17	239+88.73	240+28.48	240+35	240+75	241+17.00	241+38	241+73.75	242+23.48	242+25					243+17.89	

LEGEND
 TYPICAL SECTION ————
 FINAL SETTLED ELEVATION ————

PROJECT NO: 2014
 DIRECTORY: Z:\JOBS2\2014
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 MAP NO.

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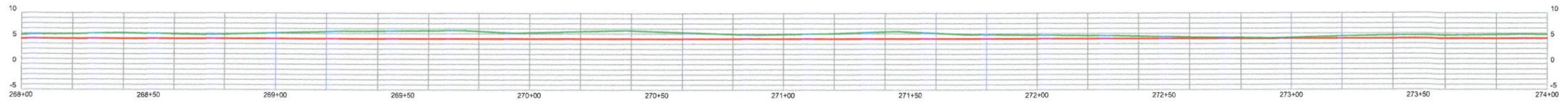
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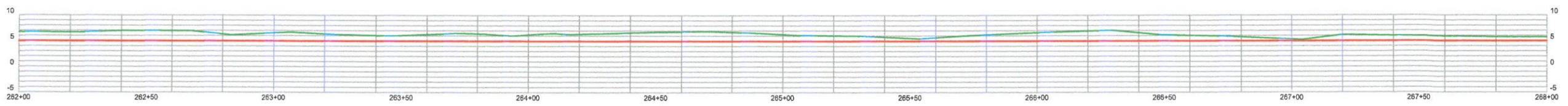
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SOUTHERN DELTA CONSTRUCTION
 BRADY CANAL HYDROLOGIC RESTORATION
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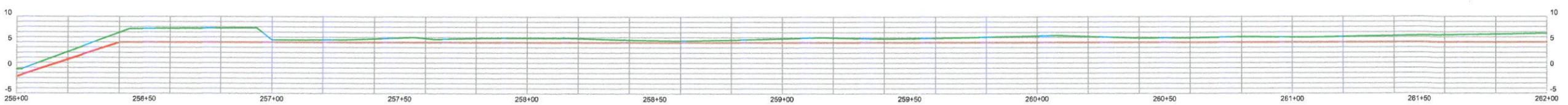
SHEET
 39
 OF 42 SHEETS



Elevation	5.73	5.98	6.13	6.00	5.78	6.19	6.48	6.54	6.87	6.13	6.51	6.87	6.21	5.76	6.03	6.48	5.88	5.73	5.58	5.31	5.13	5.44	5.64	5.84	5.80
Station	268+48.73	268+53.19	268+58.01	268+60.98	268+74.77	268+82.10	268+85.53	268+88.26	268+93.16	268+94.22	270+24.10	270+33.03	270+66.21	270+87.61	271+17.86	271+44.70	271+70.47	271+94.31	272+32.81	272+60.04	272+95.80	273+18.20	273+37.73	273+64.27	273+90.23



Elevation	6.76	6.66	6.99	6.83	6.16	6.70	6.28	6.03	6.53	6.36	6.04	6.41	6.53	6.18	6.01	5.48	6.11	6.58	7.08	6.21	5.89	5.24	6.19	5.98	5.81	5.73				
Station	262+01.12	262+23.21	262+42.39	262+48.11	262+83.24	263+05.37	263+23.82	263+46.50	263+72.75	263+83.11	263+83.60	264+04.47	264+10.31	264+15.65	264+48.20	264+71.13	264+81.38	265+05.59	265+28.40	265+44.09	265+73.27	265+88.89	266+29.25	266+48.70	266+73.89	267+04.23	267+20.23	267+47.72	267+76.56	267+96.73

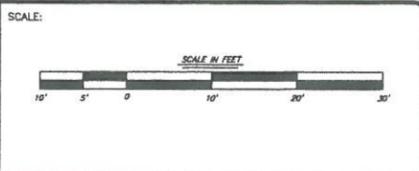


Elevation	-0.24	7.64	4.80	7.84	5.57	5.90	6.00	5.64	5.90	5.85	5.46	5.33	5.56	5.64	6.00	5.73	5.83	6.36	5.83	5.87	6.10	5.96	6.13	6.35	6.54	6.76
Station	256+02	256+44	256+56.89	256+84	257+04.71	257+28.33	257+54.51	257+63.83	257+84.96	258+17.13	258+41.41	258+61.22	258+82.98	258+89.75	259+15.52	259+37.33	259+58.66	260+07.95	260+36.59	260+60.17	260+81.56	261+04.07	261+23.04	261+53.80	261+77.94	262+01.12

LEGEND
 TYPICAL SECTION —
 FINAL SETTLED ELEVATION —

PROJECT NO: 2014
 DIRECTORY: Z:\JOBS2\2014
 FILE: FINAL ASBUILTS.DWG
 FIELD BOOK:
 MAP NO.

DATE	DESCRIPTION	BY



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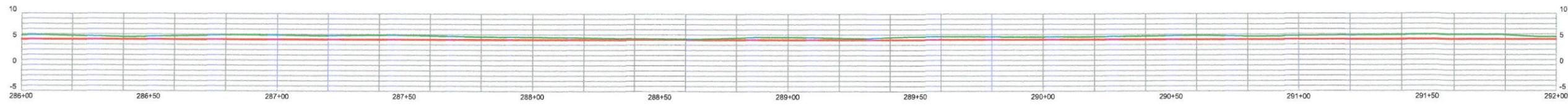
Henry E. Schwartz IV
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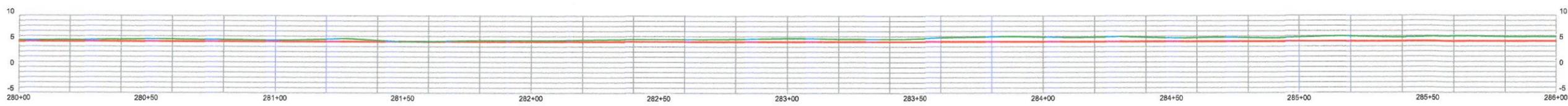
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CHECKED:	CHECKED:	CHECKED:
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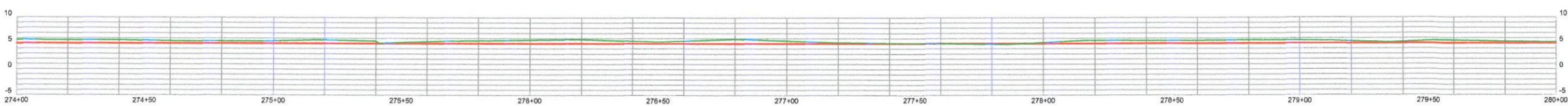
SHEET
 40
 OF 42 SHEETS



Elevation	5.85	5.47	5.72	5.93	5.88	5.73	5.90	5.84	5.61	5.42	5.30	5.19	5.21	5.32	5.26	5.60	5.80	5.51	5.70	5.80	5.93	5.91	5.49					
Station	285+11.00	286+41.76	286+65.52	286+85.98	287+00.52	287+18.52	287+38.89	287+55.30	287+76.87	288+12.88	288+32.04	288+58.36	288+67.16	288+88.78	289+06.39	289+28.65	289+47.11	289+68.22	289+90.86	290+12.70	290+38.45	290+63.37	290+81.00	291+00.10	291+22.86	291+52.62	291+78.18	291+93.53



Elevation	5.25	5.35	5.47	5.37	5.22	5.56	4.94	5.22	5.24	5.47	5.45	5.53	5.70	5.55	5.51	5.82	5.98	5.81	5.89	5.85	5.64	6.00	5.77	5.99	5.83	
Station	280+00.15	280+28.15	280+52.31	280+78.10	281+04.26	281+28.05	281+50.74	281+79.26	282+08.21	282+40.45	282+61.38	282+85.54	283+02.86	283+19.03	283+44.19	283+65.03	283+88.14	284+11.50	284+33.80	284+52.86	284+66.98	284+89.85	285+16.54	285+38.18	285+62.20	285+83.97

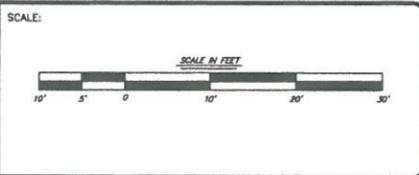


Elevation	5.64	5.66	5.45	5.43	5.71	5.66	5.46	5.63	5.90	5.33	5.86	5.40	5.25	5.04	4.87	5.82	5.89	5.66	5.55	5.19	5.60	5.32	5.25
Station	274+15.00	274+38.38	274+64.92	274+87.04	275+17.36	275+46.86	275+91.80	276+18.03	276+50.57	276+80.38	277+07.78	277+18.08	277+52.14	277+85.57	278+16.84	278+50.22	278+88.41	279+13.44	279+34.72	279+55.18	279+84.01	280+00.15	

LEGEND
 TYPICAL SECTION ————
 FINAL SETTLED ELEVATION ————

PROJECT NO:	2014
DIRECTORY:	Z:\JOBS2\2014
FILE:	FINAL ASBUILTS.DWG
FIELD BOOK:	
MAP NO.	

DATE	DESCRIPTION	BY
	REVISION	



STAMP

SIGNATURE: *Henry E. Schwartz IV*
 DATE: 4/2/13

BAYOU COUNTRY SURVEYING, LLC
 Professional Land Surveyors
 PO Box 156 Labadieville, LA 70372
 Office 985-369-2722

DESIGNED:	DETAILED:	TRACED:
CHECKED:	CHECKED:	CHECKED:
DATE: 4/2/2013		PROJECT:

SOUTHERN DELTA CONSTRUCTION
 BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 JUG LAKE AREA
 FINAL ASBUILTS STA 105+86 - STA 303+62
 TERREBONNE PARISH, LOUISIANA
 AS-BUILTS

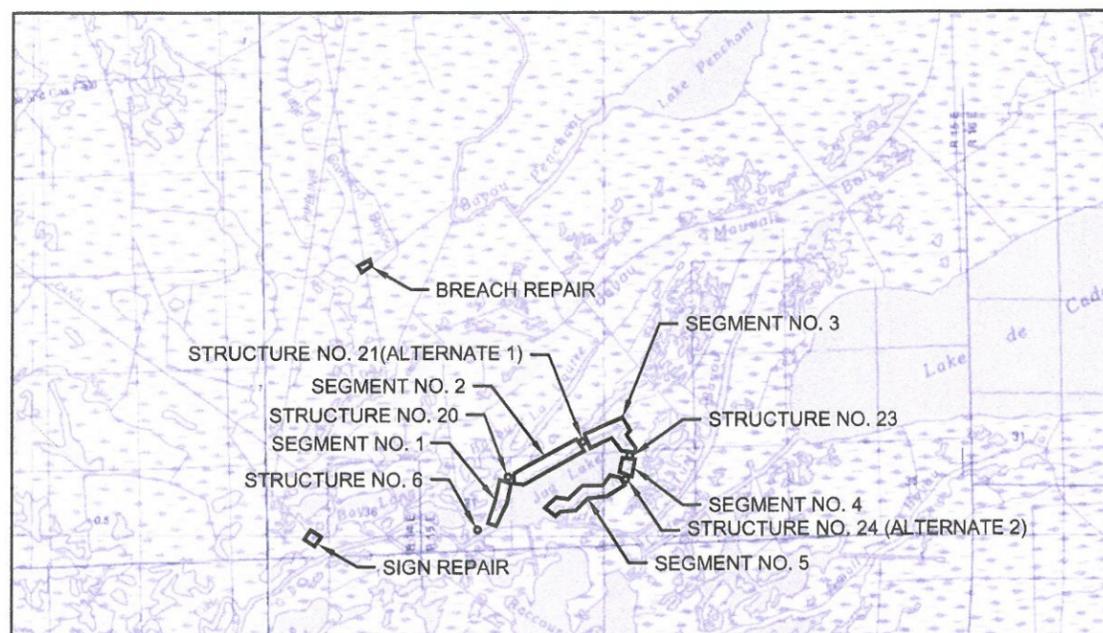
SHEET
 41
 OF 42 SHEETS

STATE OF LOUISIANA
OFFICE OF COASTAL PROTECTION & RESTORATION

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SUMMARY OF ESTIMATED QUANTITIES & GENERAL NOTES
3	TYPICAL SECTIONS
4	OVERALL PROJECT MAP
5	SURVEY BENCHMARKS AND COORDINATE TABLES
6	ALIGNMENT PLAN - JUG LAKE SEGMENT NO. 1
7	ALIGNMENT PLAN - JUG LAKE SEGMENT NO. 2
8	ALIGNMENT PLAN - JUG LAKE SEGMENT NO. 3
9	ALIGNMENT PLAN - JUG LAKE SEGMENT NO. 4
10	ALIGNMENT PLAN - JUG LAKE SEGMENT NO. 5
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12 - 14	PLAN AND PROFILE - JUG LAKE SEGMENT NO. 1
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22 - 25	PLAN AND PROFILE - JUG LAKE SEGMENT NO. 3
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BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT
(TE-28)
TERREBONNE PARISH, LOUISIANA



10,000 5,000 0' 10,000 20,000

AS-BUILT
SOUTHERN DELTA CONSTRUCTION
MARCH 28, 2013

RESTORATION ENGINEERING CHIEF

ENGINEER MANAGER

PROJECT ENGINEER



OCPR-FINAL-RGB[1].jpg

LICENSURE CLASSIFICATION REQUIREMENTS

HEAVY CONSTRUCTION

REV.	DATE	DESCRIPTION	BY

ARCADIS_logo_WaterDivision.jpg

3850 N. CAUSEWAY BLVD, SUITE 1600
METAIRIE, LOUISIANA 70002
T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET
BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ

DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28

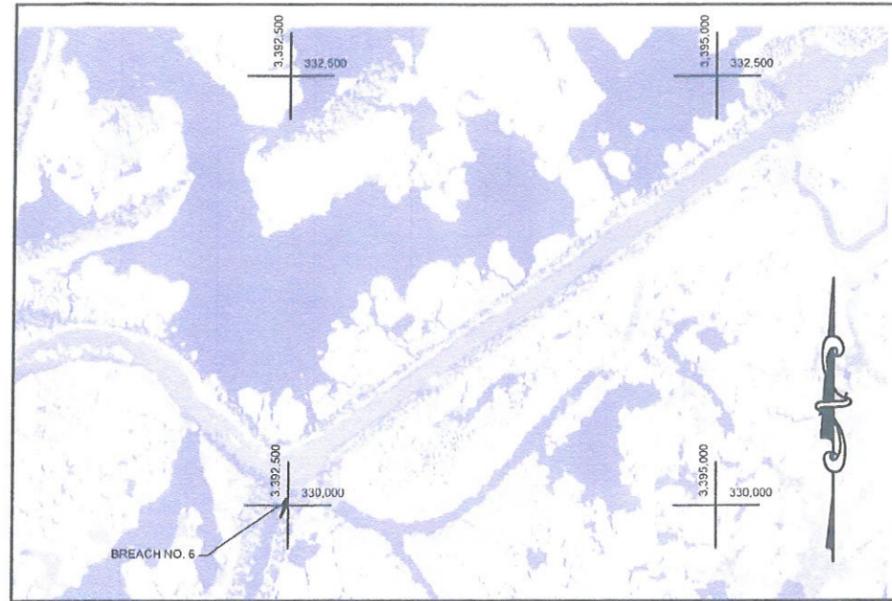
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APPROVED BY: DLF

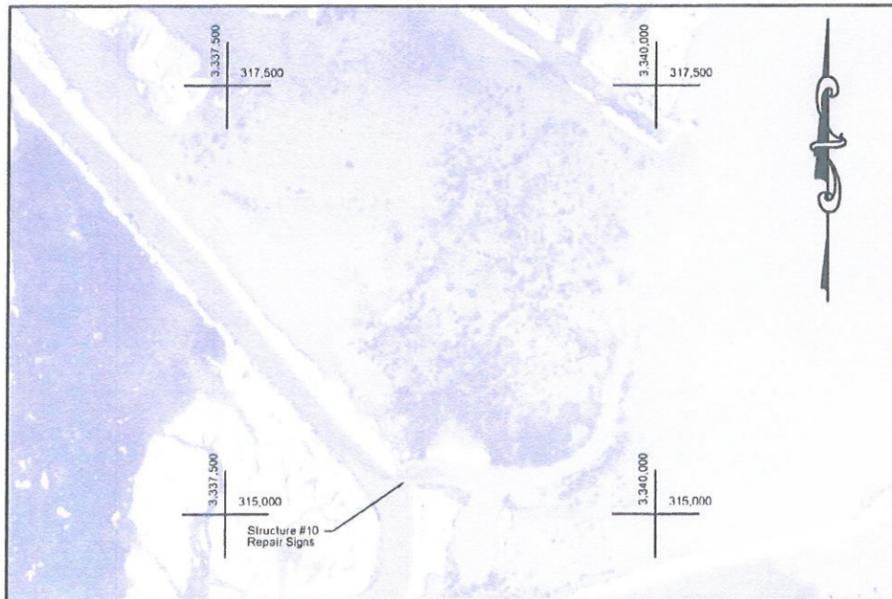
TITLE SHEET

DATE: APRIL 16, 2012

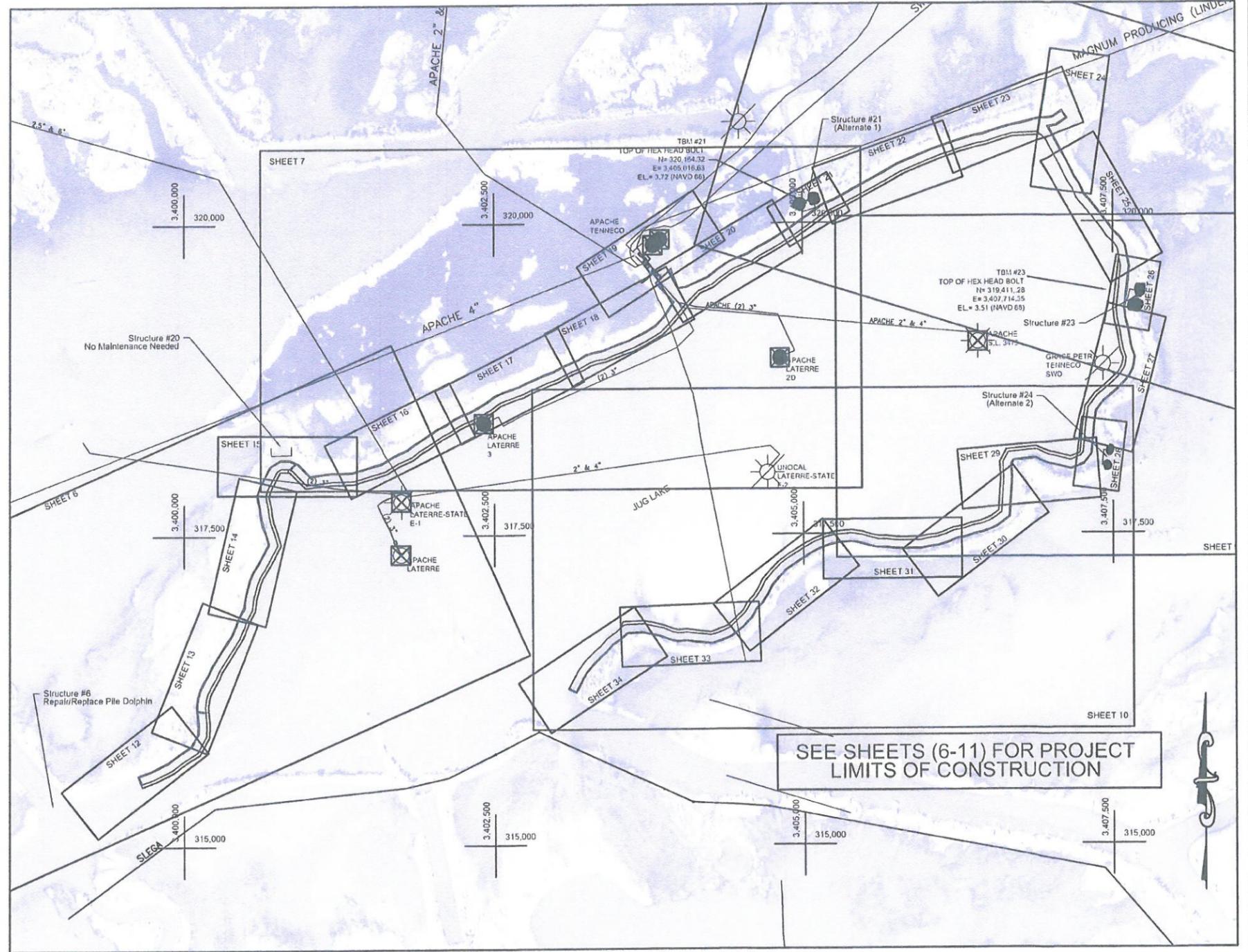
SHEET 1 OF 48



BREACH REPAIR NO. 6



SIGN REPAIRS AT STRUCTURE #10



LAKE RIM EMBANKMENT AT JUG LAKE



SEE SHEETS (6-11) FOR PROJECT LIMITS OF CONSTRUCTION

AS-BUILT

REV.	DATE	DESCRIPTION	BY

ARCADIS_logo_WaterDivision.jpg

3850 N. CAUSEWAY BLVD, SUITE 1600
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 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ

DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28

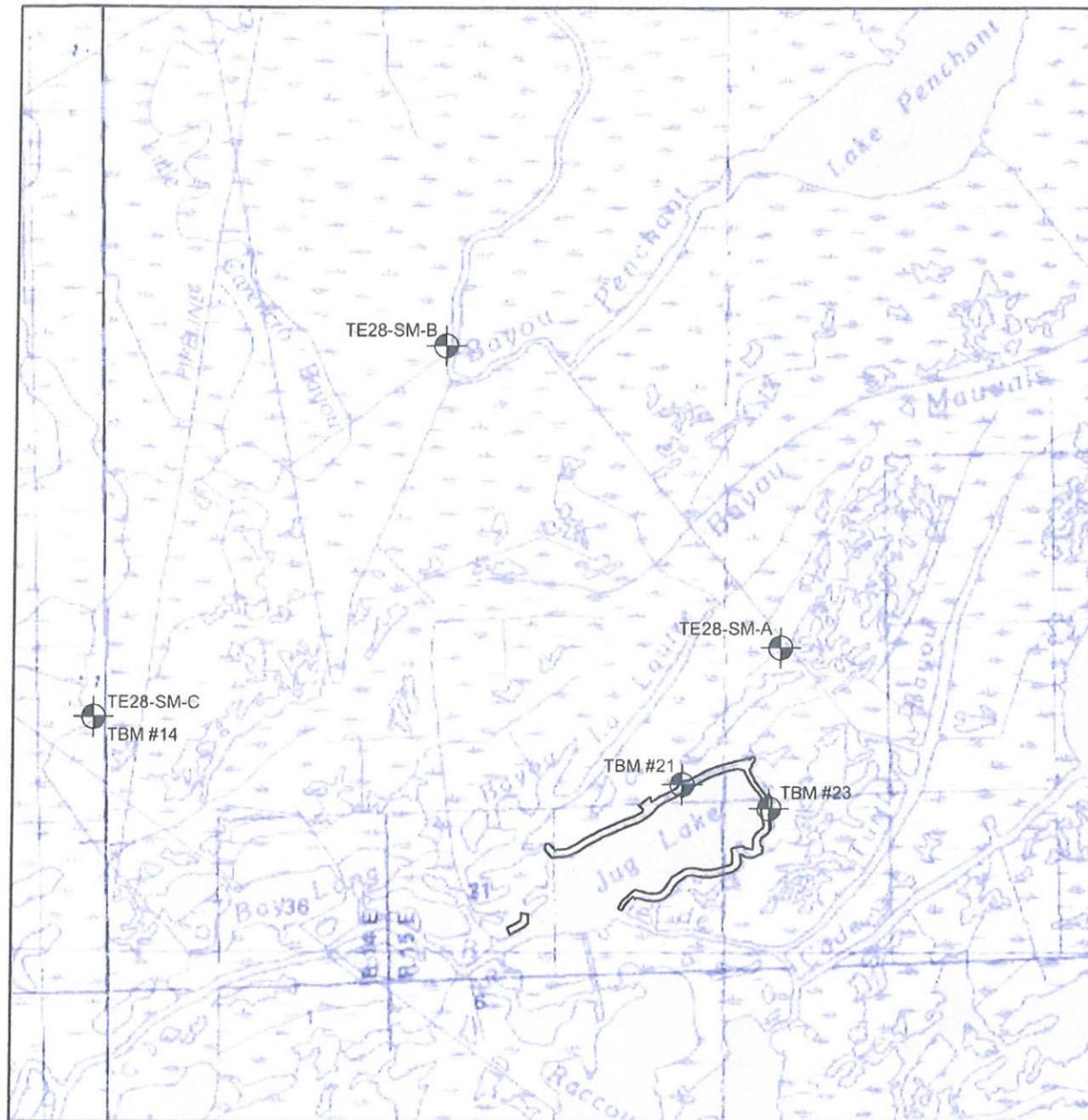
FEDERAL PROJECT NUMBER: TE-28

APPROVED BY: DE

OVERALL PROJECT MAP

DATE: APRIL 16, 2012

SHEET 4 OF 48



BRADY CANAL HYDROLOGIC RESTORATION SURVEY BENCHMARKS

TE28-SM-A
NGS STYLE FLOATING SLEEVE MONUMENT
SUPERIOR CANAL, PRIVATE CAMP FRONT YARD
N: 324,457.87
E: 3,408,054.77
EL: 2.52'

TE28-SM-B
NGS STYLE FLOATING SLEEVE MONUMENT
BAYOU PENCHANT, CASTEX LATERRE CAMP

N: 333,906.27
E: 3,397,496.74
EL: 1.89'

TE28-SM-C
NGS STYLE FLOATING SLEEVE MONUMENT
CARENCRO BAYOU, CONTROL STRUCTURE #14

N: 322,262.24
E: 3,386,557.63
EL: 3.80'

TBM #14
TOP OF HEX HEAD BOLT
CARENCRO BAYOU, CONTROL STRUCTURE #14

N: 322,246.13
E: 3,386,562.02
EL: 3.57'

TBM #21
TOP OF HEX HEAD BOLT
JUG LAKE, CONTROL STRUCTURE #21

N: 320,164.32
E: 3,405,016.63
EL: 3.72'

TBM #23
TOP OF HEX HEAD BOLT
JUG LAKE, CONTROL STRUCTURE #23

N: 319,411.28
E: 3,407,714.35
EL: 3.51'

JUG LAKE SEGMENT NO. 1

ID	STATION	EASTING	NORTHING
1	100+00.00	3399109.78	315393.49
2	102+22.09	3399306.95	315495.72
3	104+46.53	3399511.86	315587.28
4	105+86.20	3399641.43	315639.44
5	107+98.50	3399831.90	315733.19
6	110+60.00	3400052.77	315873.19
7	112+10.97	3400055.56	316024.14
8	112+97.55	3400040.07	316109.33
9	114+41.96	3400059.09	316252.48
10	116+56.64	3400151.15	316446.41
11	120+13.91	3400343.33	316747.59
12	122+22.19	3400418.03	316942.01
13	124+54.42	3400476.57	317166.75
14	125+82.64	3400527.60	317284.37
15	127+49.76	3400623.66	317421.11
16	129+57.42	3400566.72	317620.82
17	131+74.62	3400520.39	317833.02
18	133+26.27	3400578.94	317972.90
19	136+00.52	3400703.51	318217.23

JUG LAKE SEGMENT NO. 2

ID	STATION	EASTING	NORTHING
20	137+63.36	3400866.20	318224.31
21	139+99.24	3401026.75	318051.49
22	141+75.96	3401202.49	318070.01
23	143+36.57	3401363.10	318069.00
24	145+11.13	3401529.71	318121.06
25	147+57.17	3401749.62	318231.41
26	151+13.30	3402045.64	318429.41
27	154+25.97	3402322.83	318574.06
28	156+33.05	3402499.45	318682.18
29	159+43.14	3402788.89	318793.42
30	164+38.35	3403238.20	319001.64
31	168+26.82	3403606.70	319124.62
32	170+80.13	3403818.60	319263.42
33	172+09.53	3403878.64	319378.04
34	174+85.41	3403690.06	319579.41
35	176+96.52	3403598.73	319769.74
36	178+41.62	3403685.93	319885.72
37	179+78.18	3403817.17	319923.47
38	181+04.64	3403941.86	319902.38
39	182+71.57	3403988.89	319742.21
40	184+78.83	3404031.46	319539.37
41	186+84.52	3404216.67	319628.97
42	188+77.53	3404370.78	319745.09
43	190+08.33	3404490.97	319796.69
44	192+13.42	3404674.48	319888.24
45	194+91.70	3404908.92	320038.17
46	196+31.62	3404984.54	320155.90

BRADY CANAL BREACH NO. 6

ID	STATION	EASTING	NORTHING
102	1+00.00	3392457.72	329935.17
103	1+51.76	3392474.64	329984.08
104	1+72.79	3392486.35	330001.55
105	2+26.10	3392486.35	330054.87
106	2+48.43	3392507.17	330062.93
107	2+69.97	3392522.62	330047.92
108	3+23.99	3392576.13	330040.53

JUG LAKE SEGMENT NO. 3

ID	STATION	EASTING	NORTHING
47	197+39.47	3405087.18	320189.00
48	198+95.27	3405232.24	320245.85
49	205+42.67	3405800.35	320556.30
50	208+90.56	3406125.10	320681.06
51	211+46.75	3406370.30	320755.30
52	214+66.55	3406679.94	320835.24
53	218+49.54	3407049.83	320934.56
54	219+82.00	3407127.01	321042.20
55	220+98.14	3407230.60	321094.73
56	221+83.22	3407305.42	321054.22
57	222+67.09	3407348.30	320982.14
58	223+26.23	3407327.45	320926.80
59	227+00.40	3407128.85	320609.68
60	230+73.28	3407308.06	320282.69
61	237+85.76	3407748.10	319722.35
62	240+40.39	3407733.89	319468.11

JUG LAKE SEGMENT NO. 4

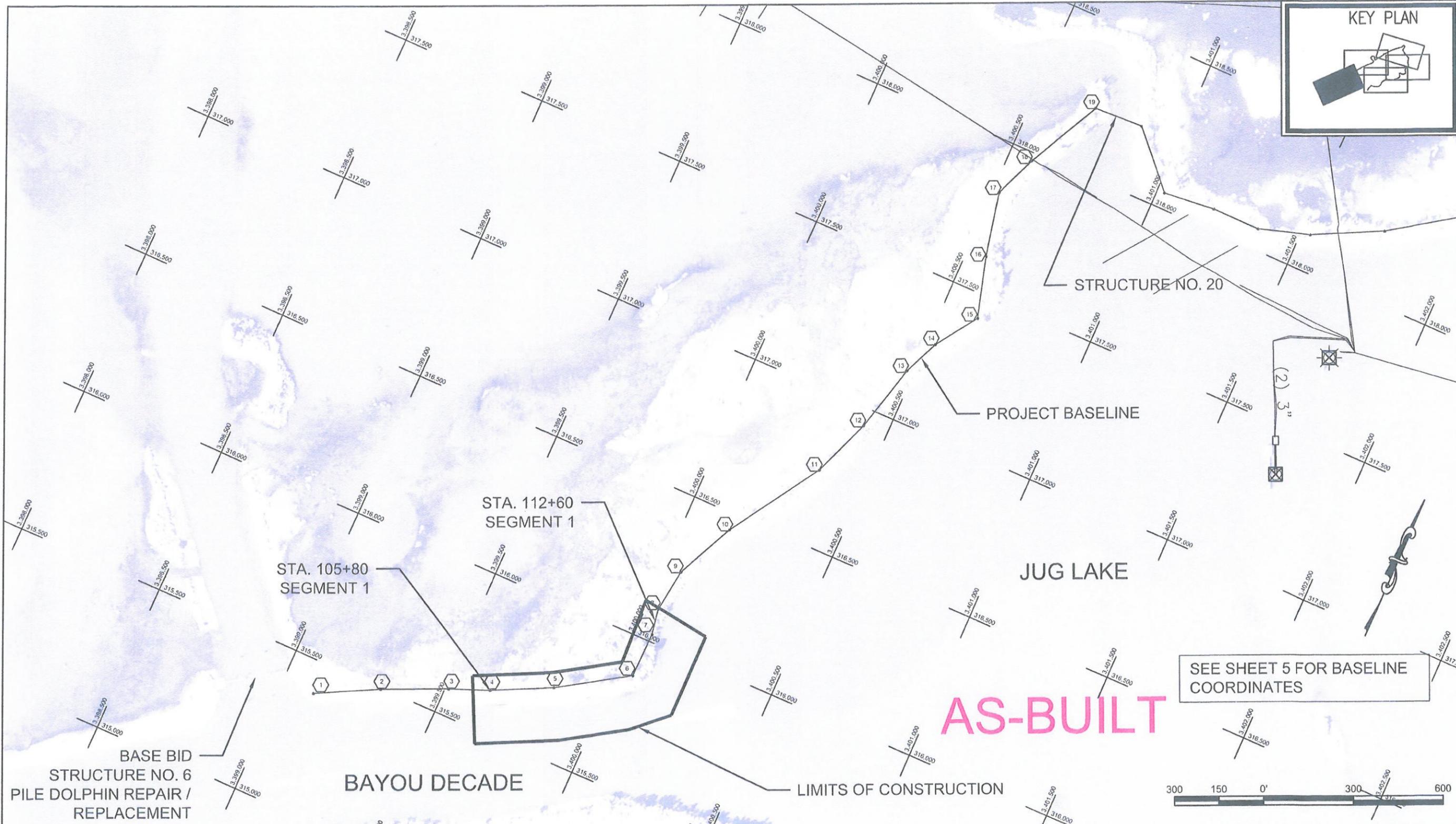
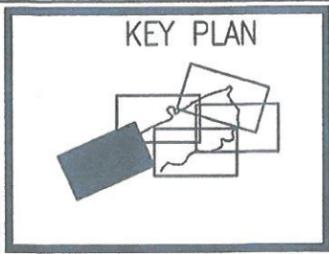
ID	STATION	EASTING	NORTHING
64	241+78.06	3407691.85	319338.62
65	243+17.19	3407674.22	319200.60
66	246+00.92	3407733.05	318923.04
67	247+21.94	3407730.55	318802.05
68	248+64.09	3407657.57	318680.06
69	250+24.48	3407534.34	318557.38
70	251+33.00	3407451.43	318507.38
71	252+41.81	3407400.39	318411.28
72	254+13.74	3407419.77	318240.45
73	254+71.90	3407461.62	318200.06
74	255+17.98	3407473.73	318155.59

JUG LAKE SEGMENT NO. 5

ID	STATION	EASTING	NORTHING
75	256+40.43	3407463.35	318033.59
76	257+63.64	3407345.97	317996.14
77	258+83.47	3407239.21	317941.72
78	259+92.06	3407131.99	317924.56
79	261+23.75	3407001.62	317943.15
80	262+86.10	3406871.67	318040.47
81	264+15.37	3406746.23	318009.22
82	265+77.03	3406778.25	317850.77
83	267+15.88	3406786.93	317712.19
84	268+41.48	3406733.40	317598.57
85	270+23.00	3406588.80	317488.83
86	275+41.08	3406092.96	317338.67
87	277+05.51	3405930.85	317311.14
88	279+81.76	3405654.66	317317.15
89	282+84.71	3405356.83	317372.58
90	284+52.76	3405191.22	317344.05
91	286+85.56	3404991.96	317223.68
92	288+58.78	3404852.31	317121.20
93	290+39.16	3404750.79	316972.10
94	292+69.25	3404631.84	316775.14
95	295+22.06	3404442.11	316608.06
96	297+18.90	3404252.72	316554.39
97	300+28.86	3403943.70	316578.43
98	303+61.72	3403624.13	316671.55
99	307+10.56	3403364.22	316438.87
100	308+12.82	3403297.03	316361.79
101	310+01.67	3403208.19	316195.15

AS-BUILT

				OFFICE OF COASTAL PROTECTION & RESTORATION ENGINEERING BRANCH 450 LAUREL STREET BATON ROUGE, LOUISIANA 70804		BRADY CANAL HYDROLOGIC RESTORATION 2012 MAINTENANCE PROJECT		SURVEY BENCHMARKS AND COORDINATE TABLES	
				3850 N. CAUSEWAY BLVD, SUITE 1600 METAIRIE, LOUISIANA 70002 T. 504.832.4174 F. 504.832.2145		STATE PROJECT NUMBER: TE-28		DATE: APRIL 16, 2012	
				DRAWN BY: MQJ		DESIGNED BY: DLF		APPROVED BY: DE	
						FEDERAL PROJECT NUMBER: TE-28		SHEET 5 OF 48	
REV.	DATE	DESCRIPTION	BY						



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REV.	DATE	DESCRIPTION	BY

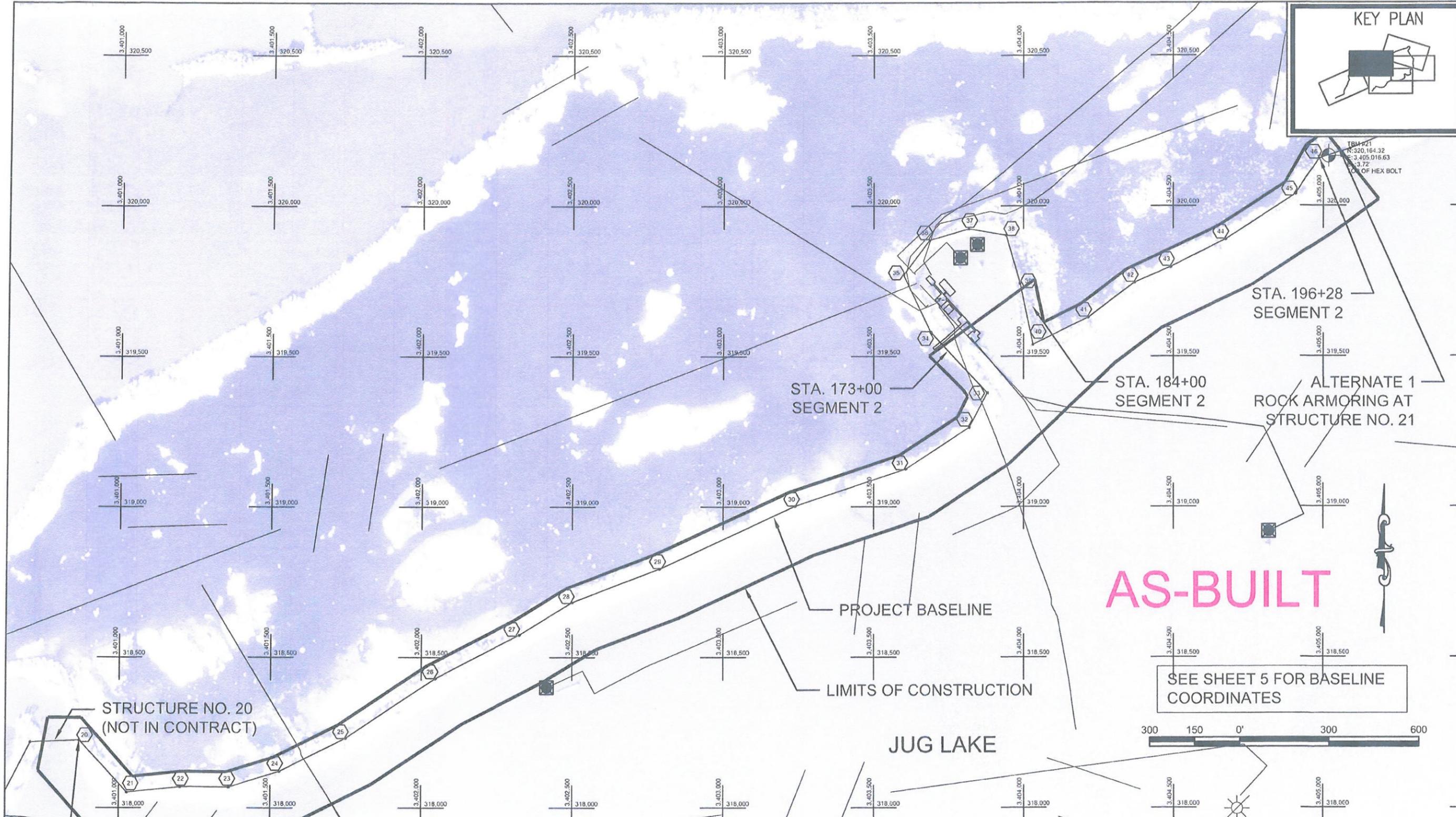
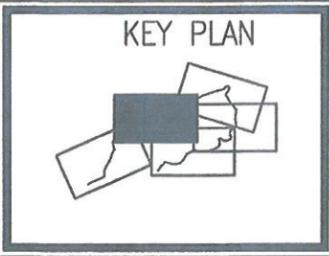
3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MIJ DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

ALIGNMENT PLAN
 JUG LAKE SEGMENT NO. 1
 DATE: APRIL 16, 2012
 SHEET 6 OF 48



AS-BUILT

SEE SHEET 5 FOR BASELINE COORDINATES



STRUCTURE NO. 20
(NOT IN CONTRACT)

STA. 137+65
SEGMENT 2

REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
METAIRIE, LOUISIANA 70002
T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ DESIGNED BY: DLF

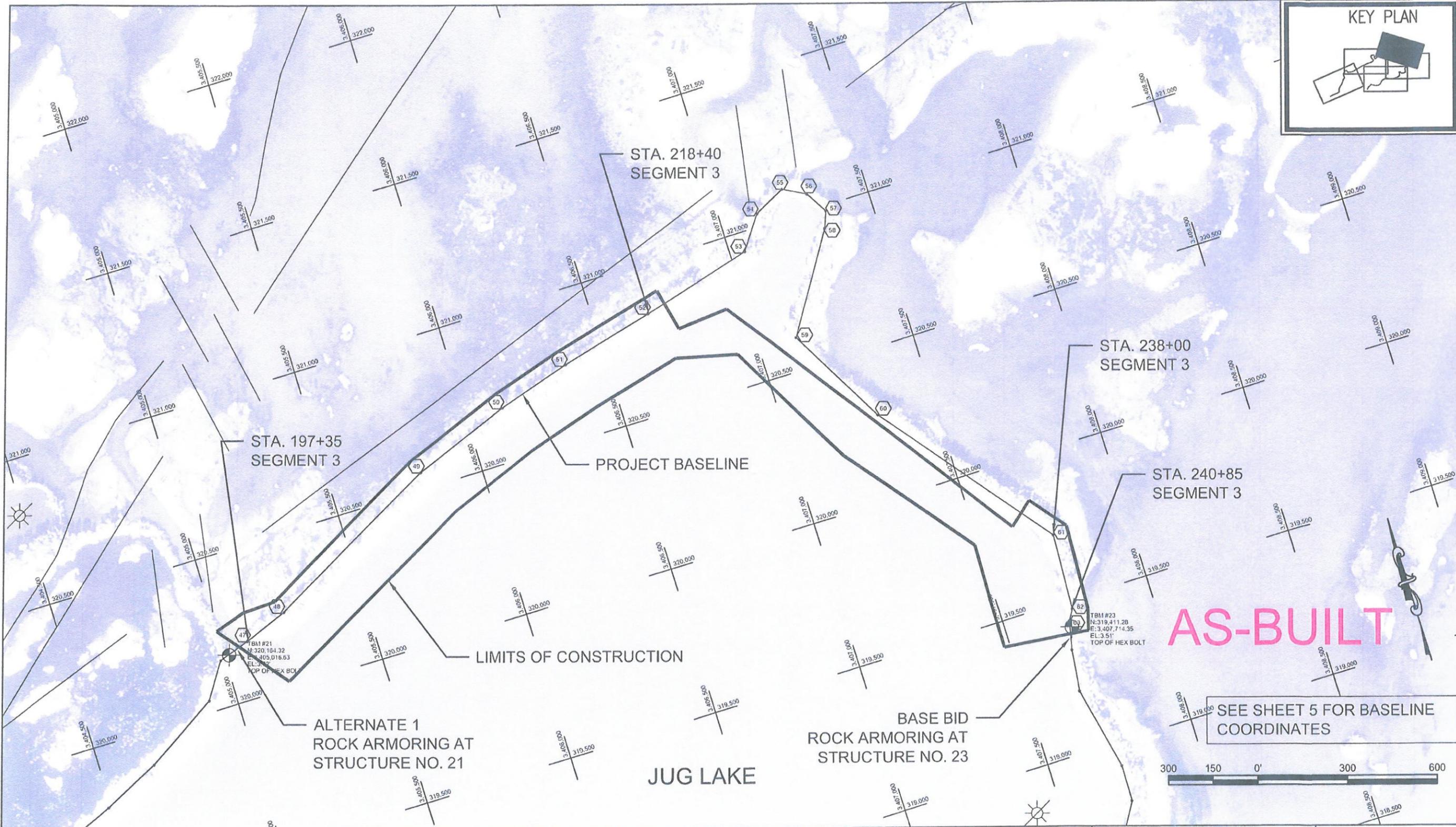
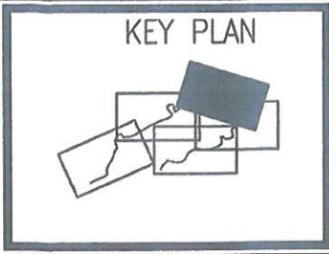
BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
FEDERAL PROJECT NUMBER: TE-28

APPROVED BY: DE

ALIGNMENT PLAN
JUG LAKE SEGMENT NO. 2

DATE: APRIL 16, 2012
SHEET 7 OF 48



AS-BUILT

SEE SHEET 5 FOR BASELINE COORDINATES

REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
 ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MIJ DESIGNED BY: DLF

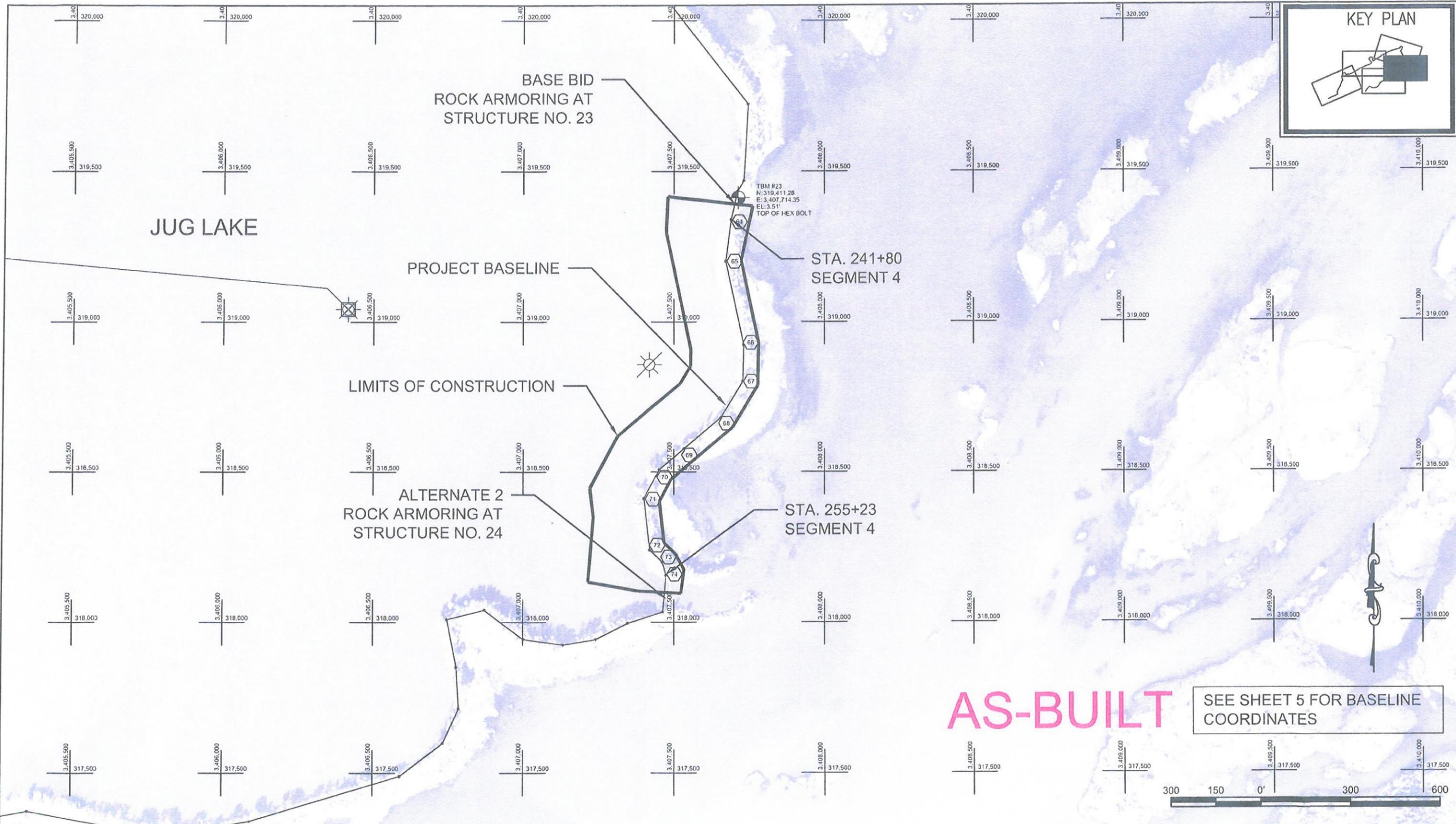
BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28

APPROVED BY: DE

ALIGNMENT PLAN
 JUG LAKE SEGMENT NO. 3

DATE: APRIL 16, 2012
 SHEET 8 OF 48



SEE SHEET 5 FOR BASELINE COORDINATES

REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

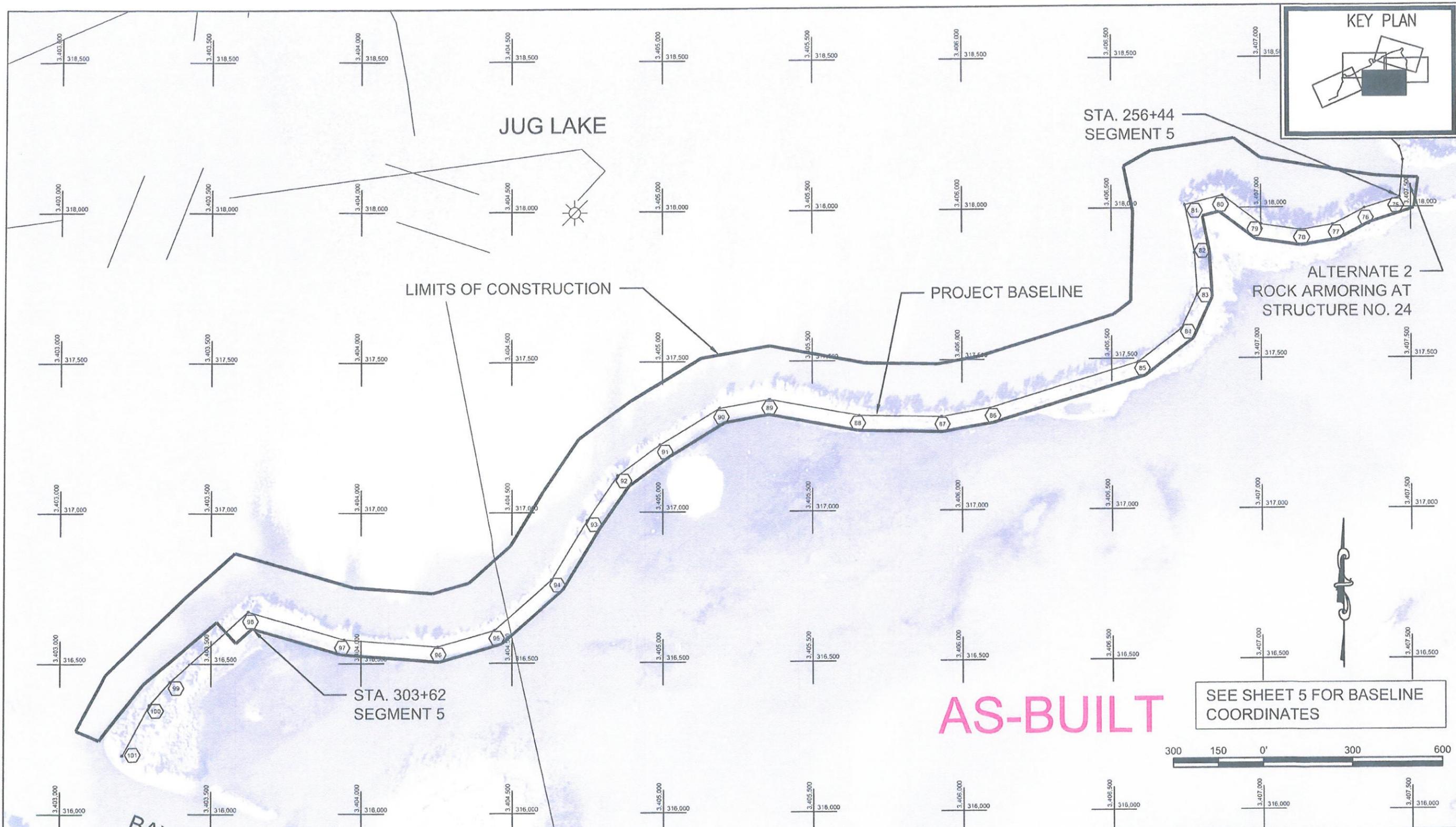
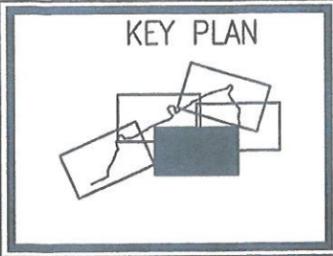
STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28

APPROVED BY: DE

ALIGNMENT PLAN
 JUG LAKE SEGMENT NO. 4

DATE: APRIL 16, 2012

SHEET 9 OF 48



JUG LAKE

STA. 256+44
SEGMENT 5

LIMITS OF CONSTRUCTION

PROJECT BASELINE

ALTERNATE 2
ROCK ARMORING AT
STRUCTURE NO. 24

STA. 303+62
SEGMENT 5

AS-BUILT

SEE SHEET 5 FOR BASELINE
COORDINATES



BAYOU DECADE

REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
METAIRIE, LOUISIANA 70002
T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70804

BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT

ALIGNMENT PLAN
JUG LAKE SEGMENT NO. 5

STATE PROJECT NUMBER: TE-28

FEDERAL PROJECT NUMBER: TE-28

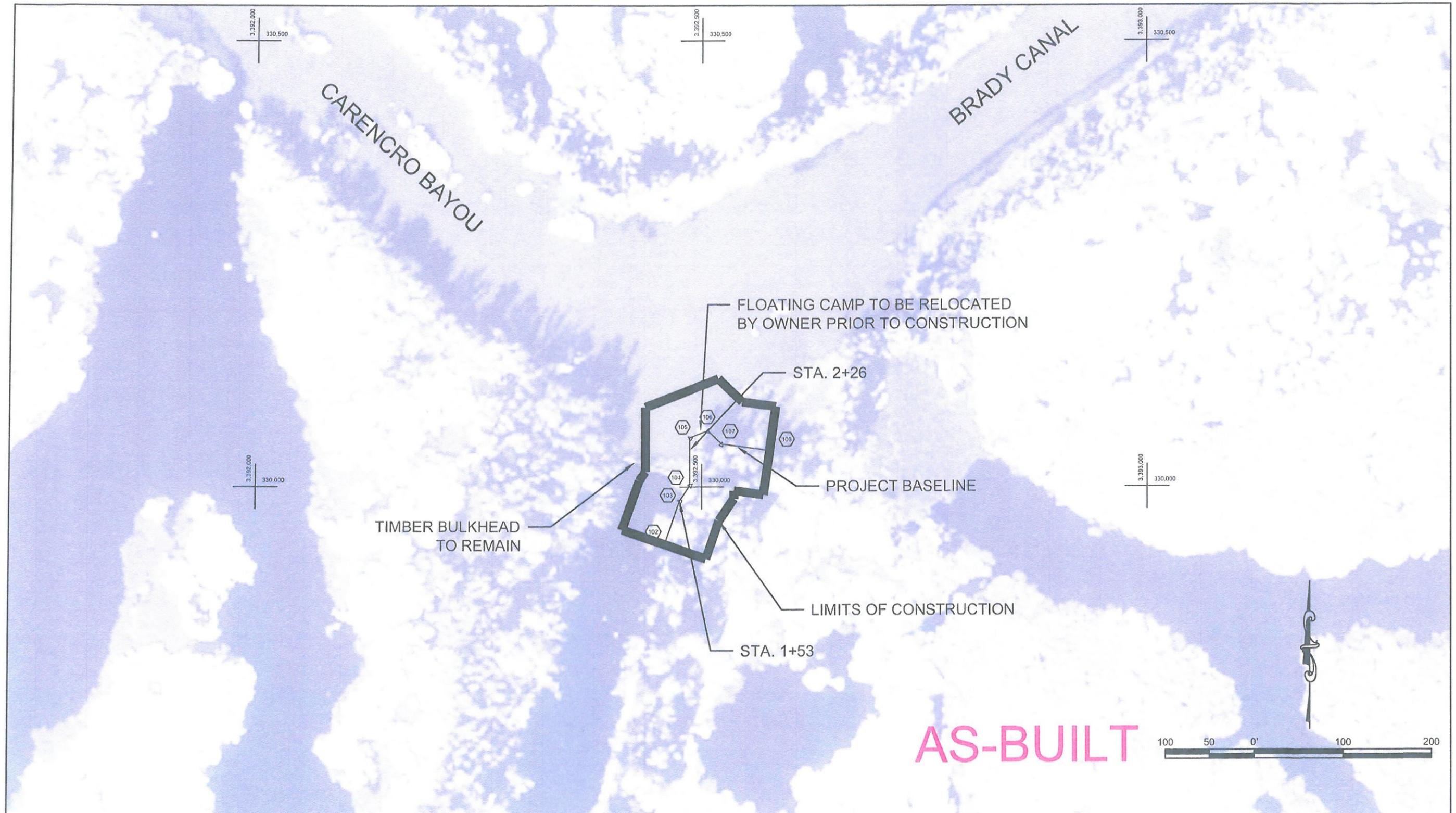
DATE: APRIL 16, 2012

DRAWN BY: MQJ

DESIGNED BY: DLF

APPROVED BY: DE

SHEET 10 OF 48



REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MIQ DESIGNED BY: DLF

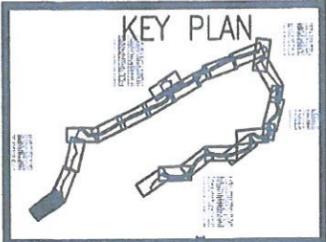
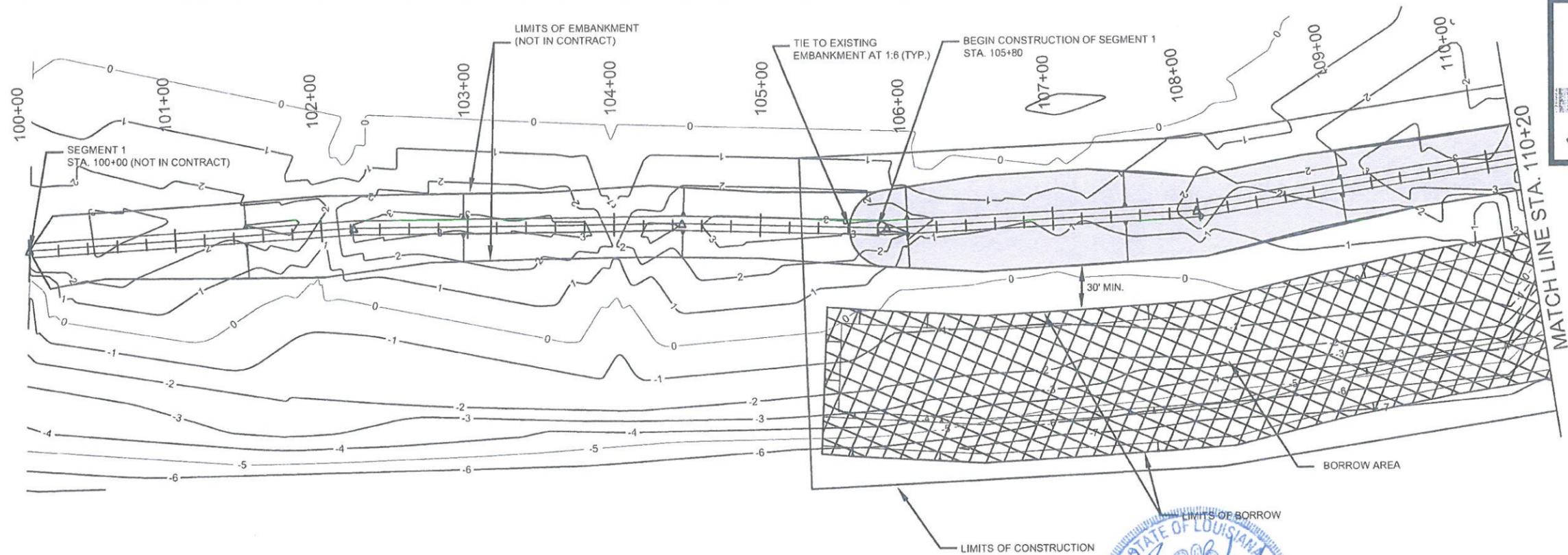
BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28

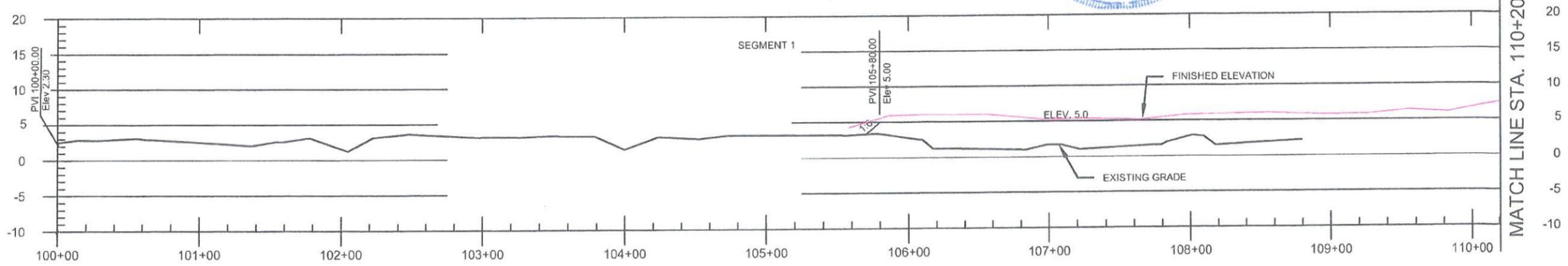
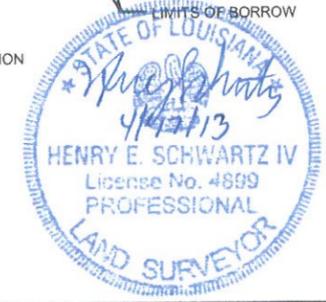
APPROVED BY: DE

ALIGNMENT PLAN
 BRADY CANAL BREACH

DATE: APRIL 16, 2012
 SHEET 11 OF 48

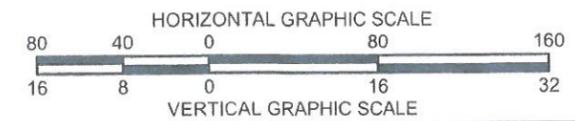


PLAN
SCALE: 1"=80'-0"



PROFILE

AS-BUILT



- EXISTING CONTOUR
- BORROW PLACEMENT
- BORROW DREDGE/FLOTATION CHANNEL

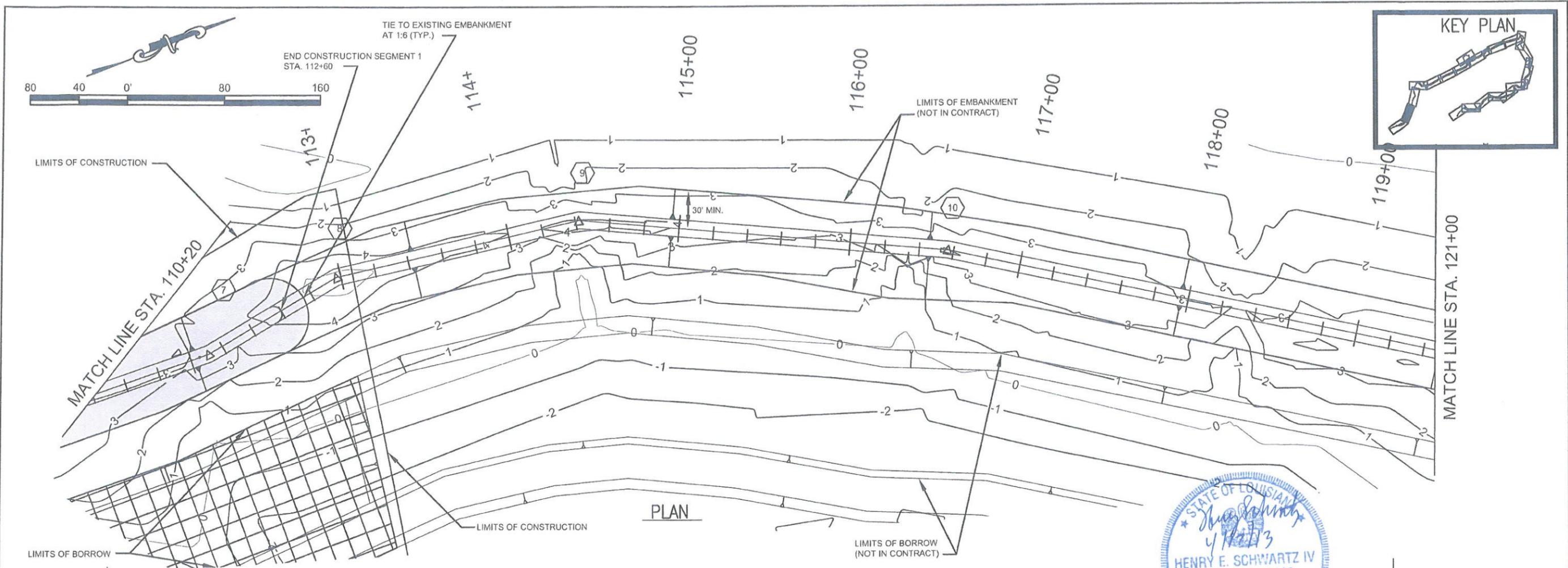
REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
METAIRIE, LOUISIANA 70002
T. 504.832.4174 | F. 504.832.2145

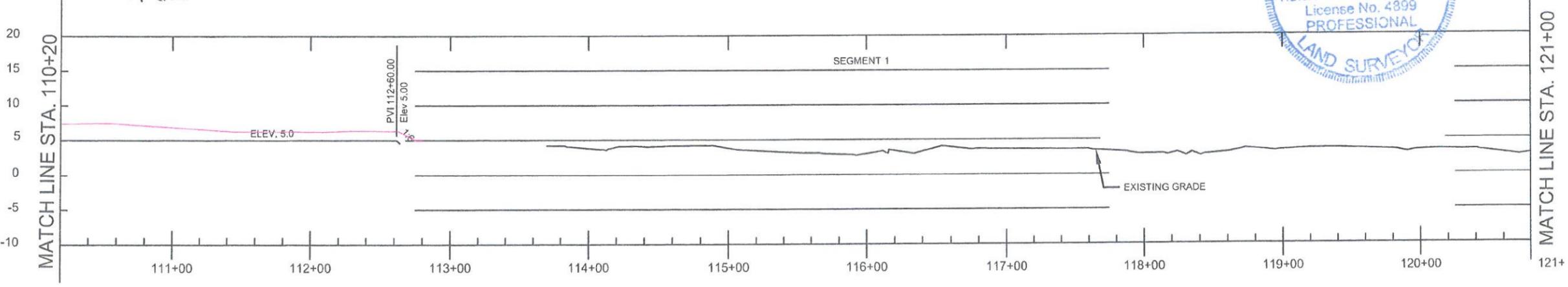
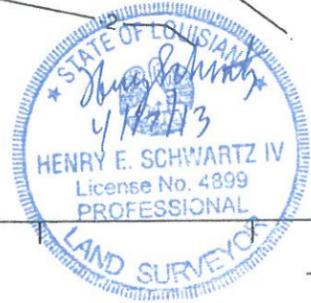
OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801
DRAWN BY: CAK DESIGNED BY: EAC

BRADY CANAL HYDROLOGIC RESTORATION
2011 MAINTENANCE PROJECT
STATE PROJECT NUMBER: TE-28
FEDERAL PROJECT NUMBER: TE-28
APPROVED BY: DLF

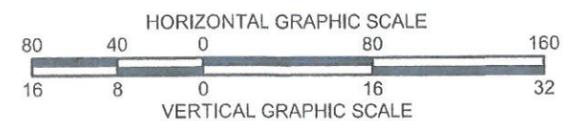
PLAN AND PROFILE
JUG LAKE SEGMENT NO. 1
DATE: APRIL 16, 2011
SHEET 12 OF 48



PLAN



PROFILE



AS-BUILT

- EXISTING CONTOUR
- BORROW PLACEMENT
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
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OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70801

DRAWN BY: CAK DESIGNED BY: EAC

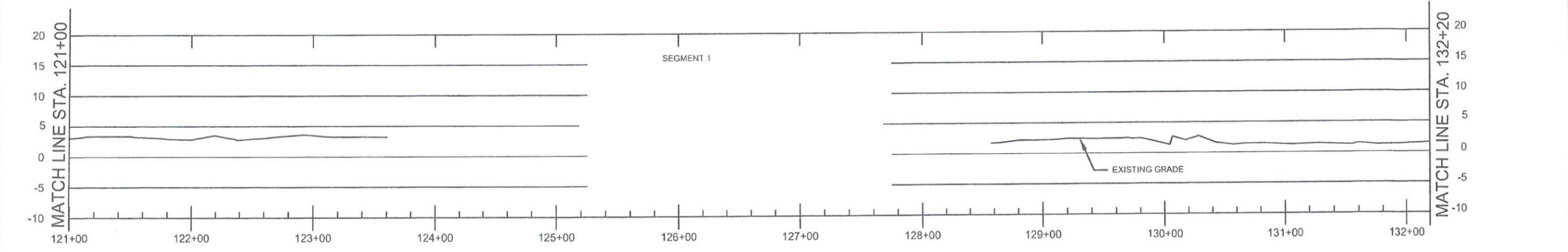
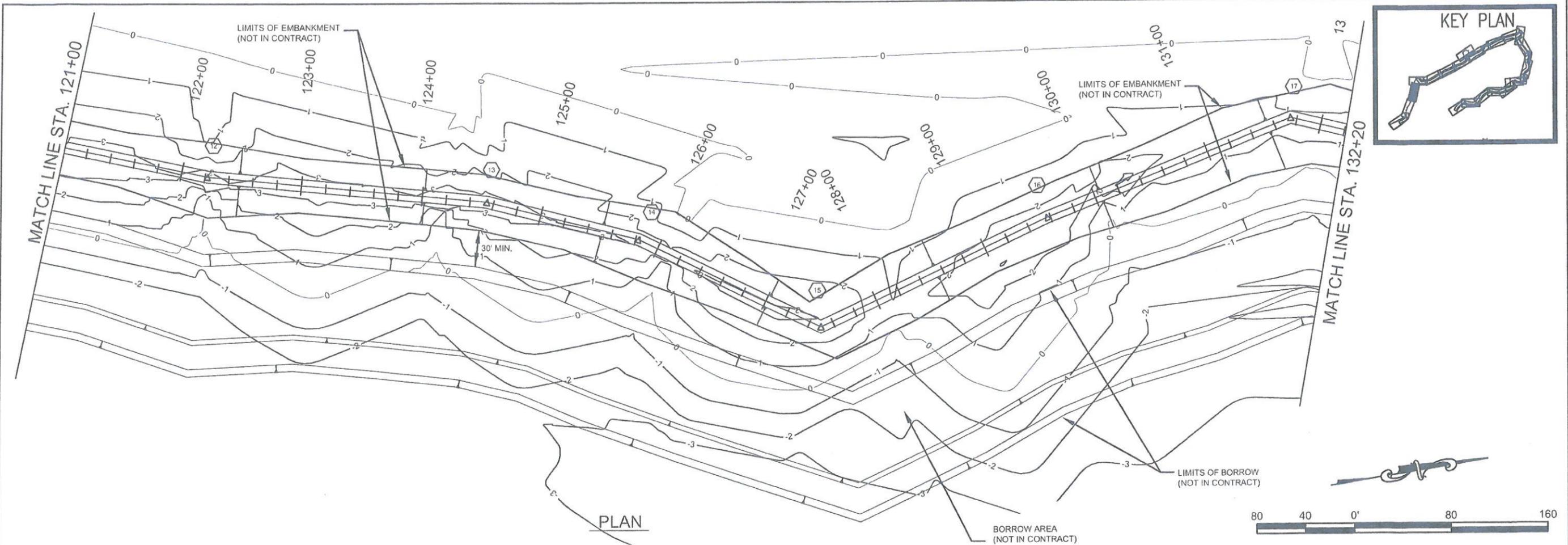
BRADY CANAL HYDROLOGIC RESTORATION
 2011 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28

APPROVED BY: DLF

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 1

DATE: APRIL 16, 2011
 SHEET 13 OF 48



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
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OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ DESIGNED BY: DLF

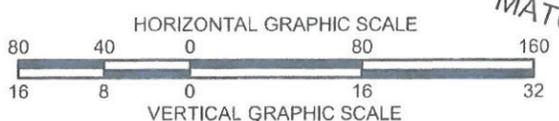
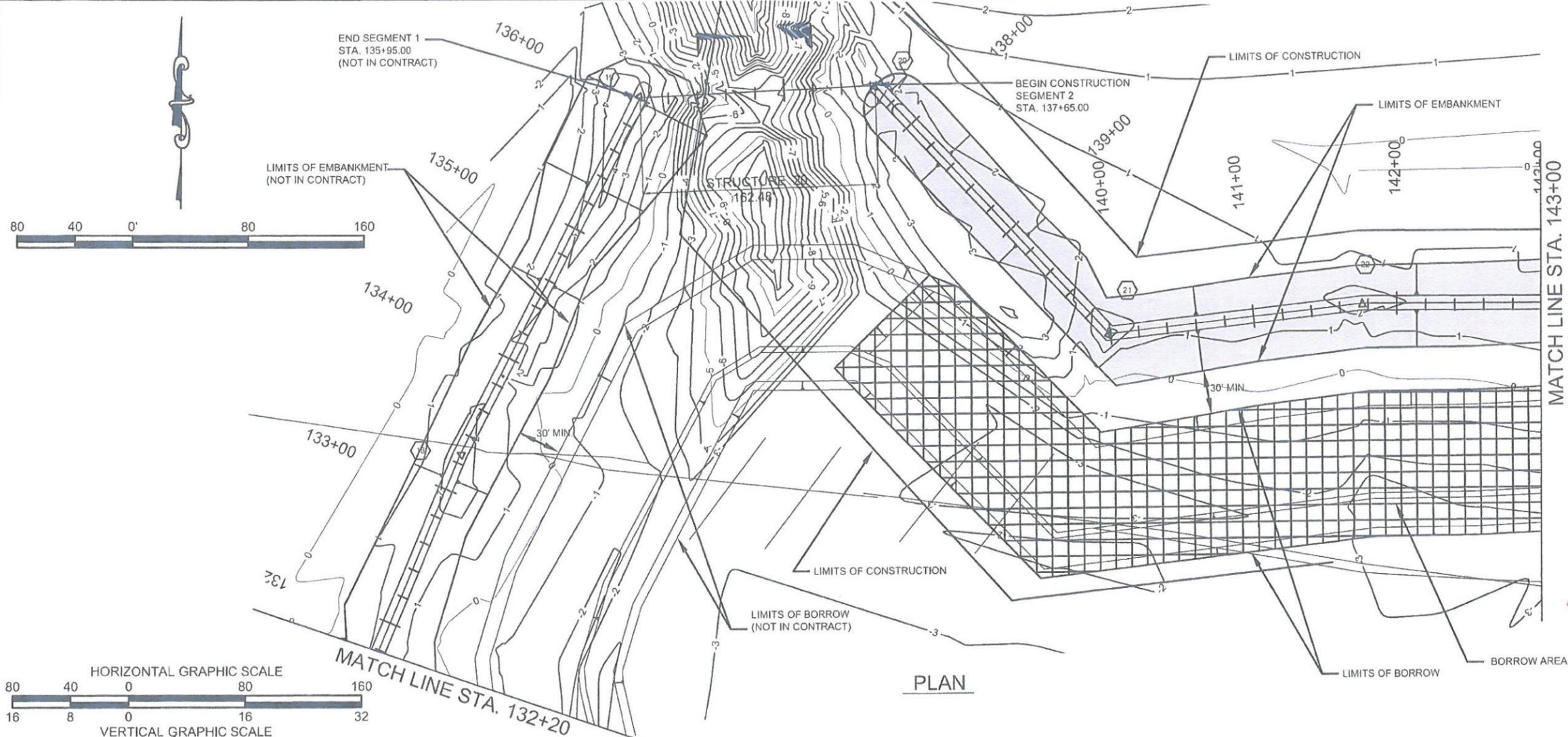
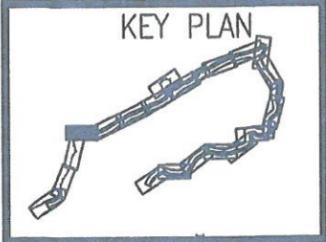
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 2012 MAINTENANCE PROJECT

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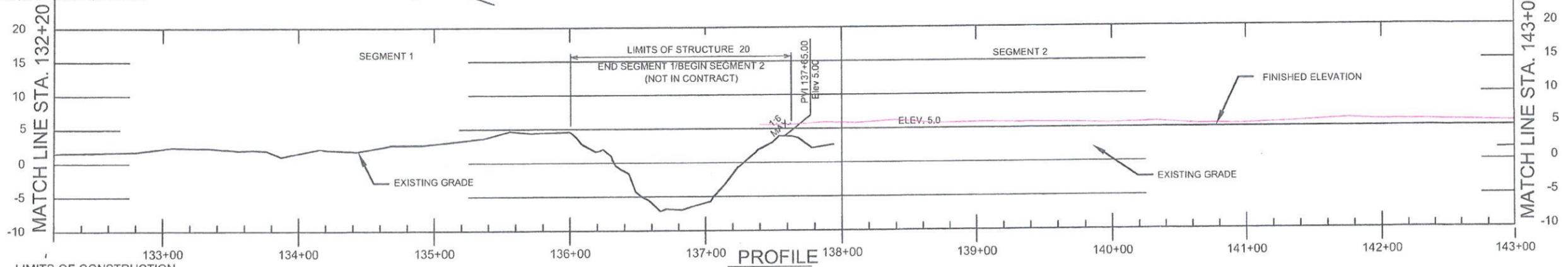
APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 1
 DATE: APRIL 16, 2012
 SHEET 14 OF 48

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- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28

FEDERAL PROJECT NUMBER: TE-28

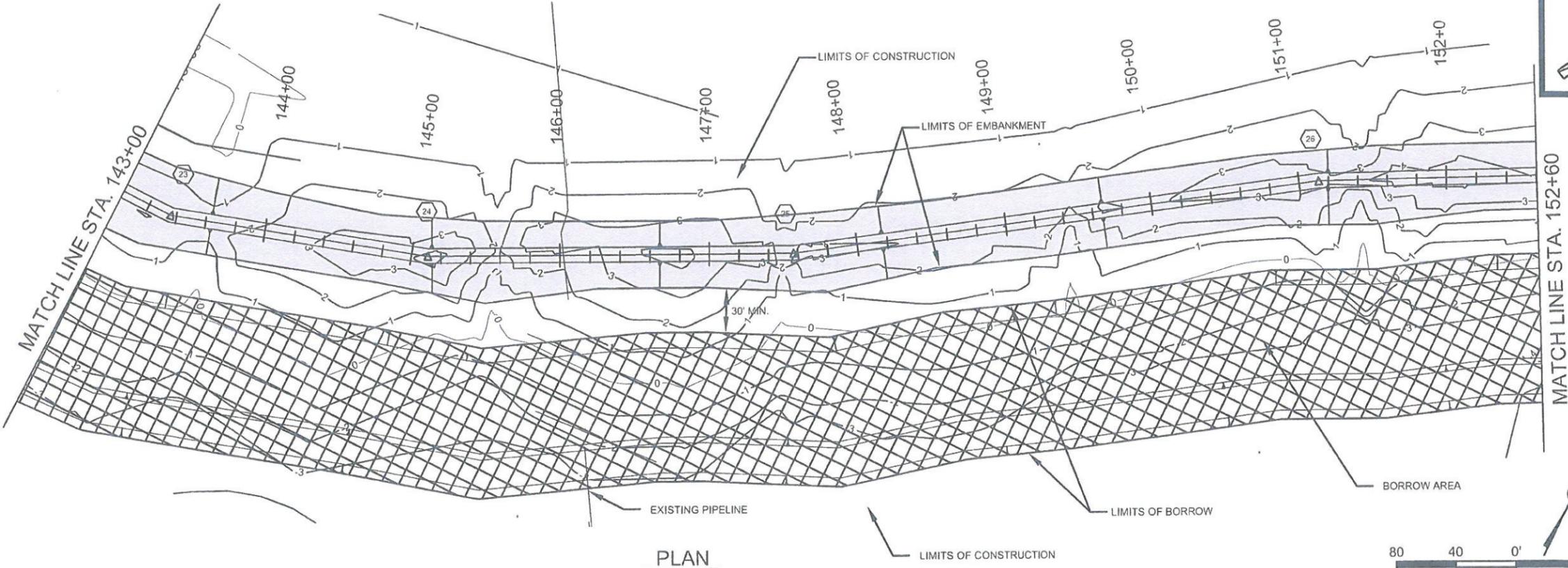
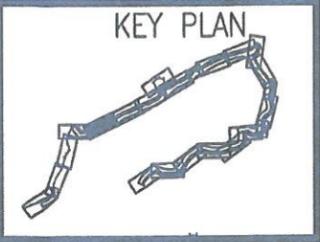
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PLAN AND PROFILE
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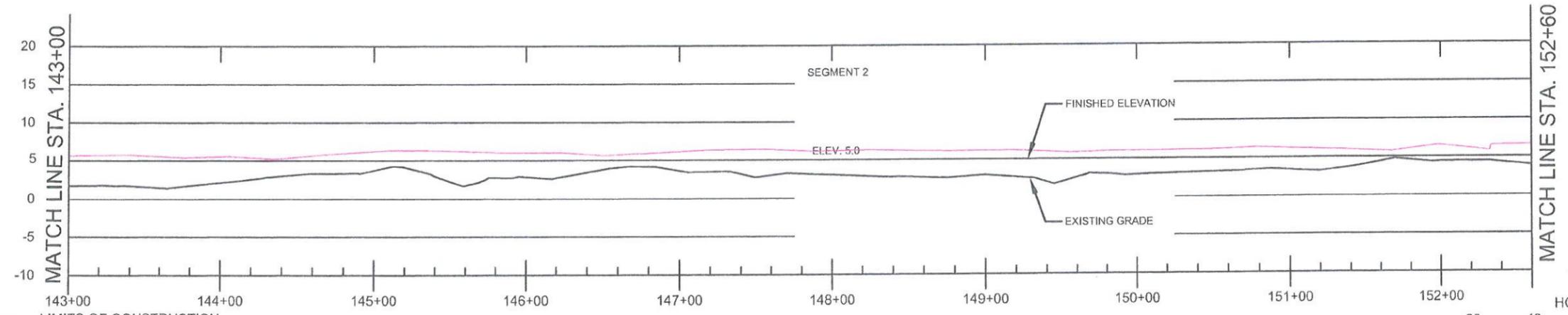
DATE: APRIL 16, 2012

SHEET 15 OF 48

DRAWN BY: MQJ DESIGNED BY: DLF



AS-BUILT



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

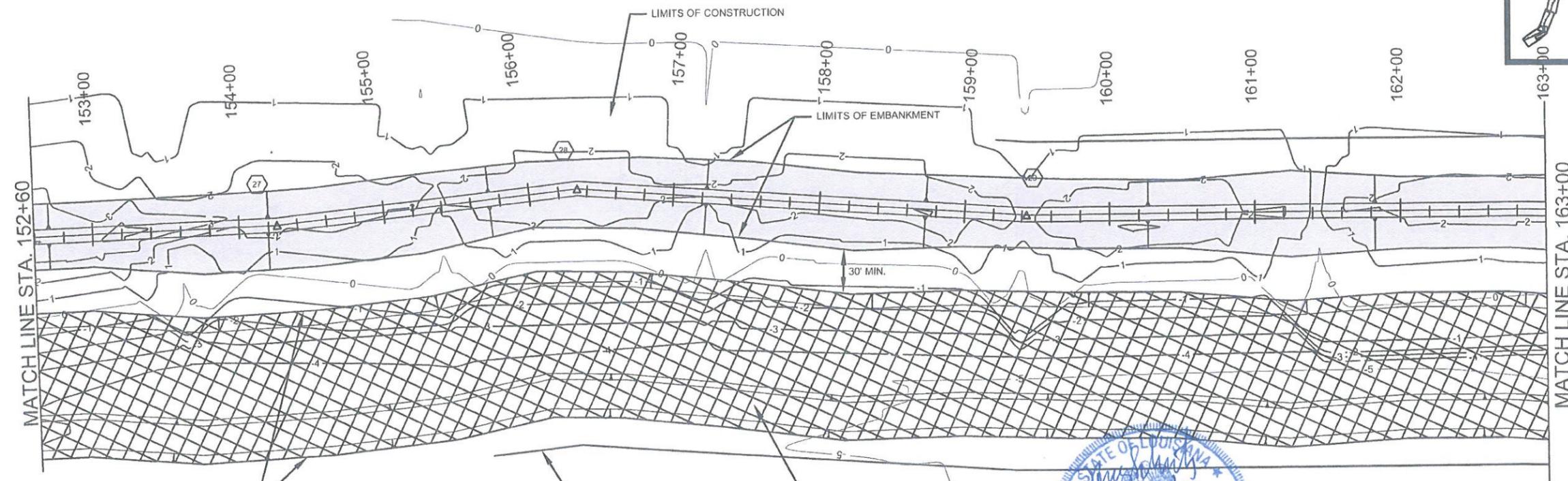
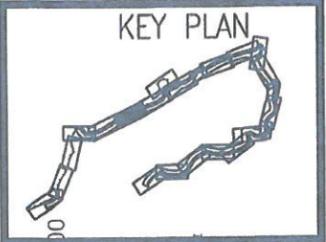
REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

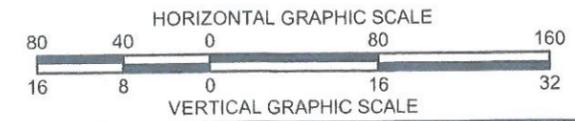
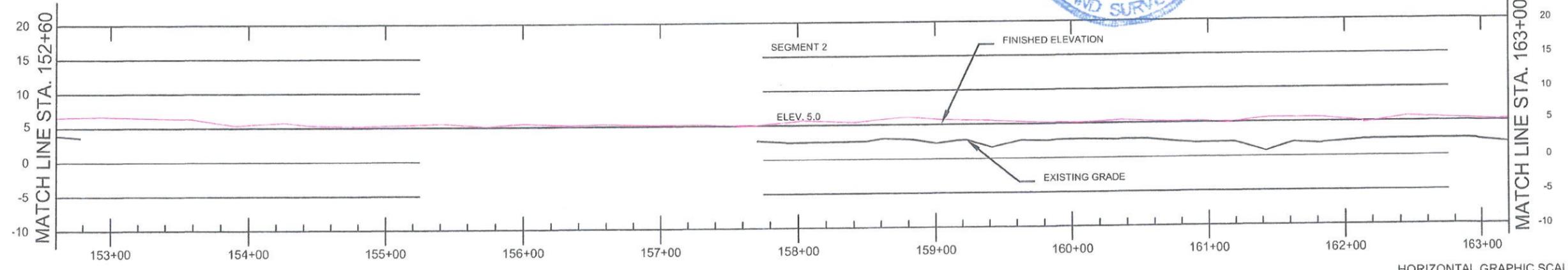
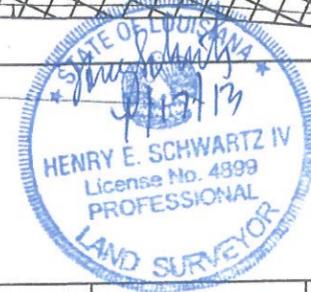
OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804
 DRAWN BY: MQJ DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 2
 DATE: APRIL 16, 2012
 SHEET 16 OF 48



AS-BUILT



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

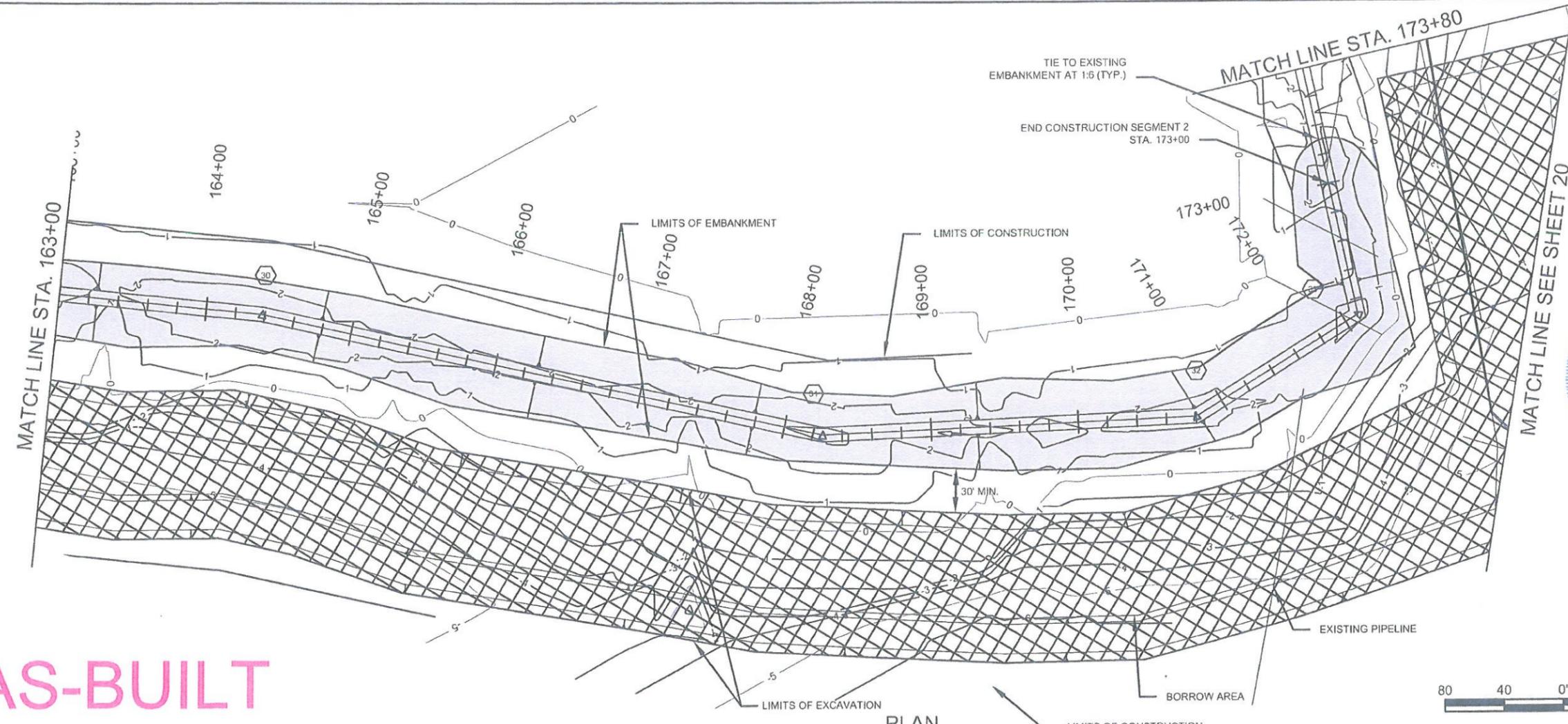
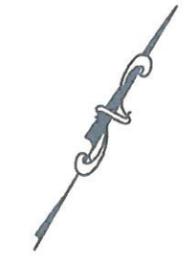
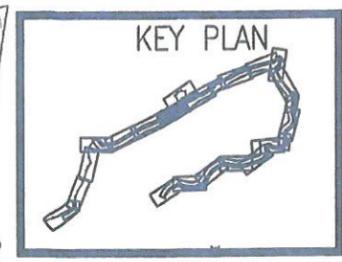
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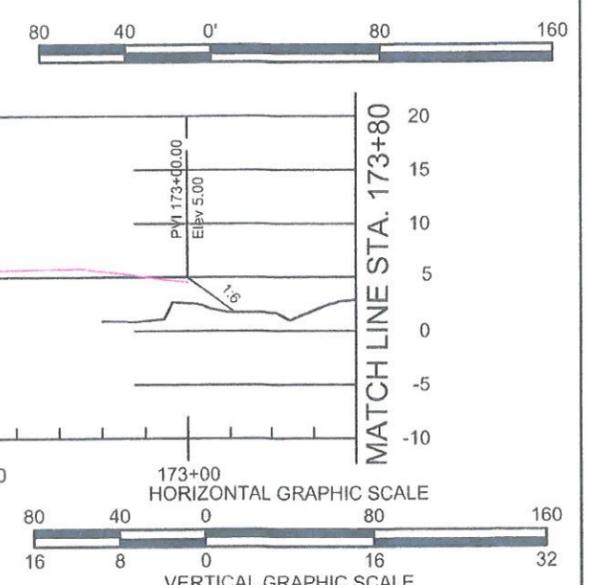
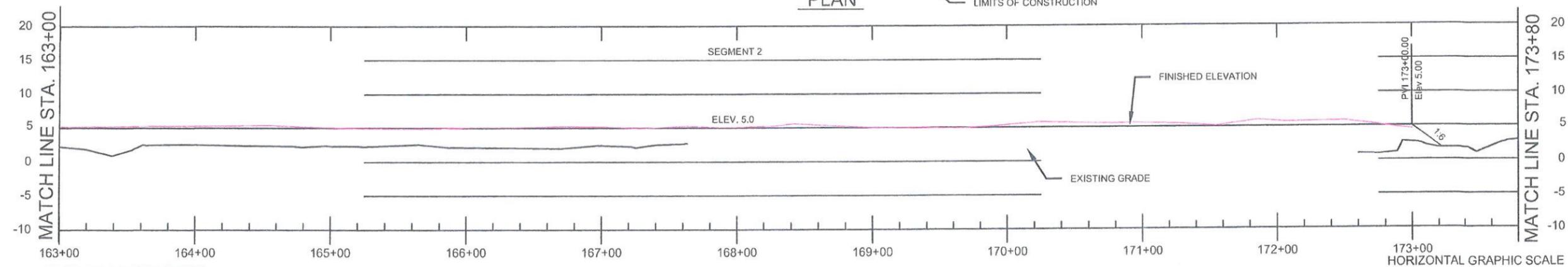
OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804
 DRAWN BY: MQJ DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 2
 DATE: APRIL 16, 2012
 SHEET 17 OF 48



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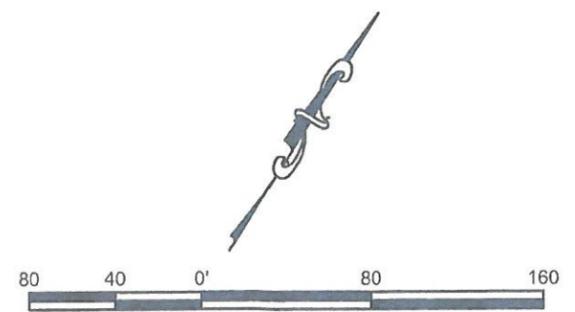
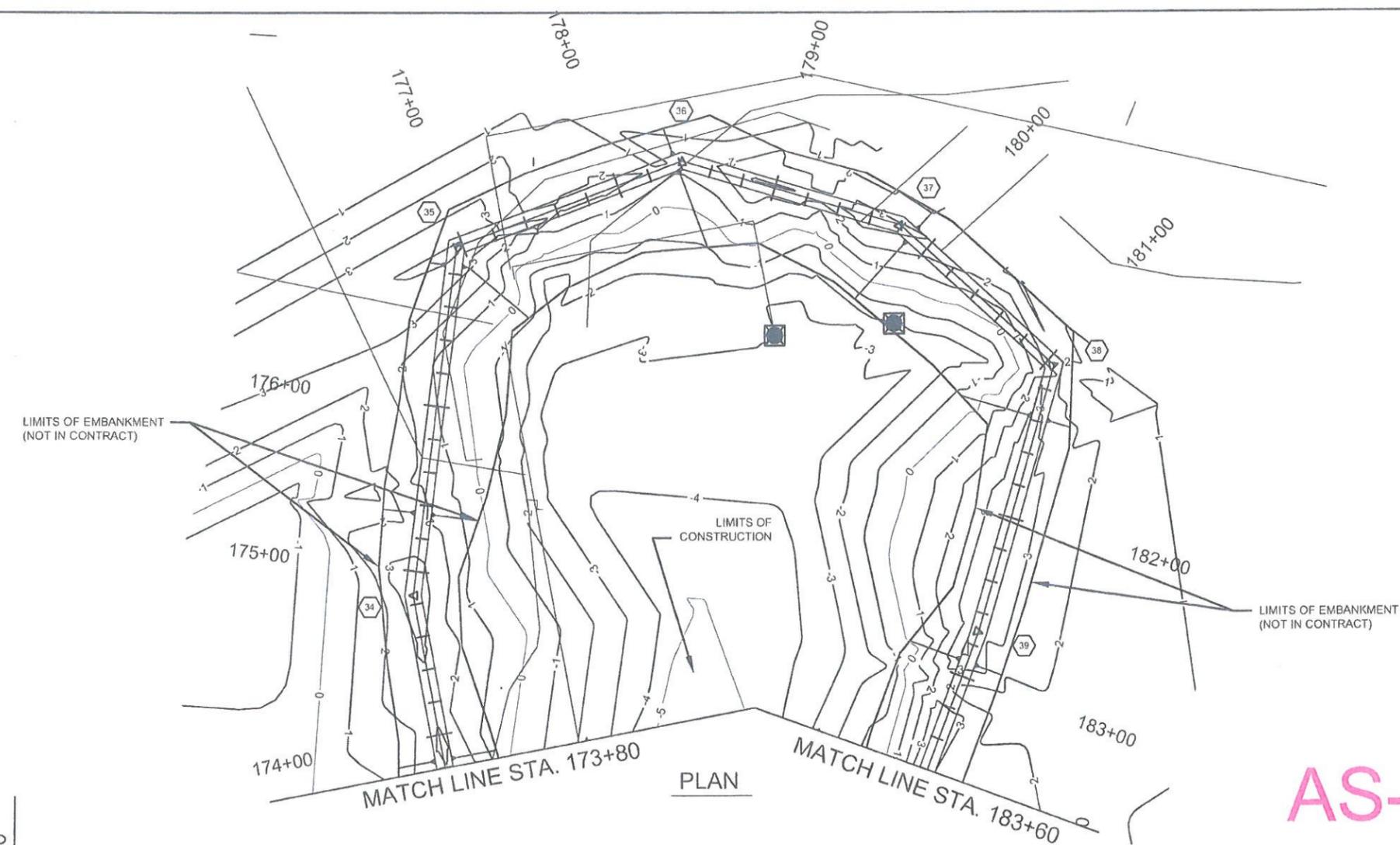
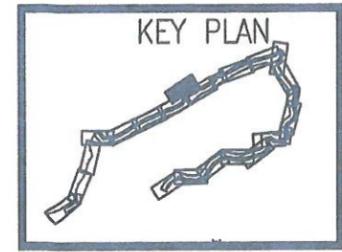


- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- BORROW PLACEMENT
- BORROW DREDGE/FLOTATION CHANNEL

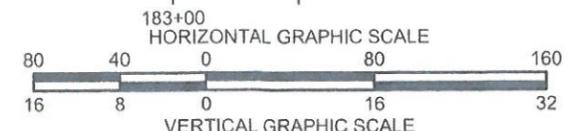
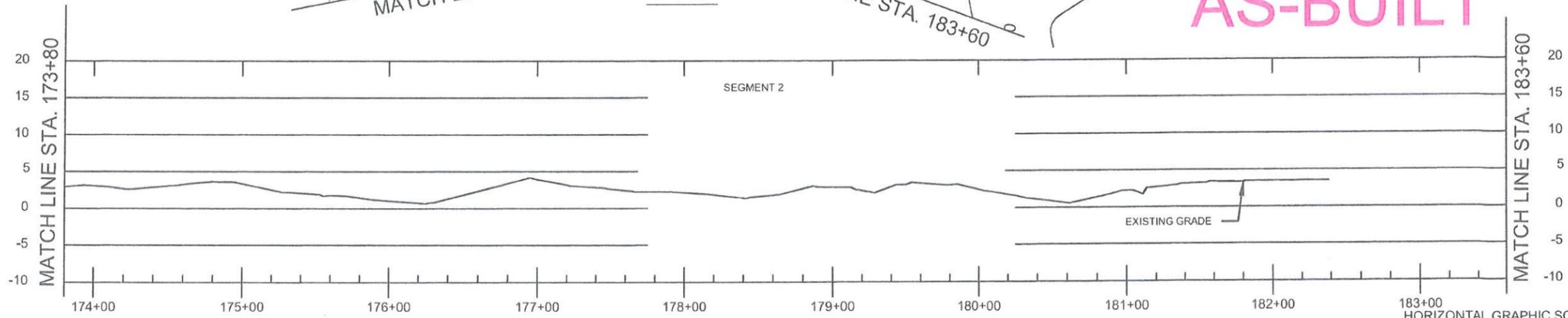
REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION ENGINEERING BRANCH 450 LAUREL STREET BATON ROUGE, LOUISIANA 70804		BRADY CANAL HYDROLOGIC RESTORATION 2012 MAINTENANCE PROJECT		PLAN AND PROFILE JUG LAKE SEGMENT NO. 2
		STATE PROJECT NUMBER: TE-28		
DRAWN BY: MQJ		DESIGNED BY: DLF		APPROVED BY: DE
				SHEET 18 OF 48



AS-BUILT



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
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OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ DESIGNED BY: DLF

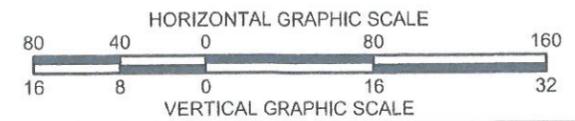
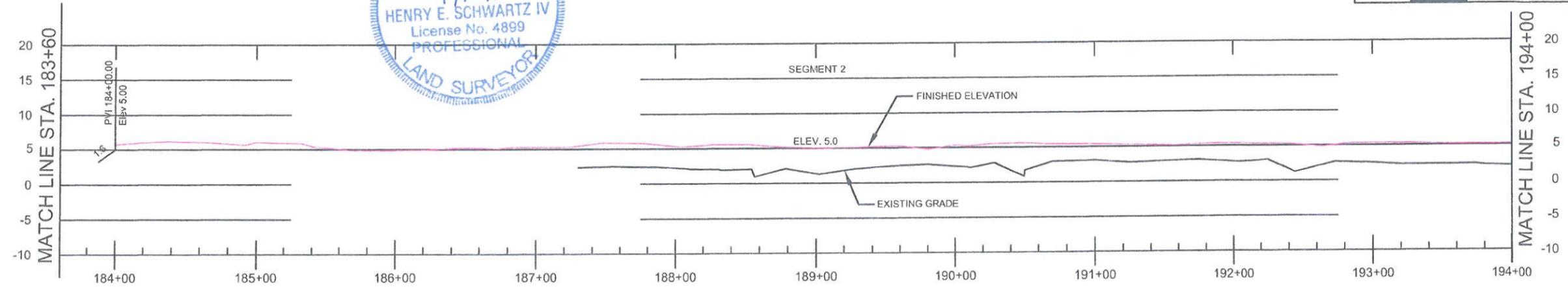
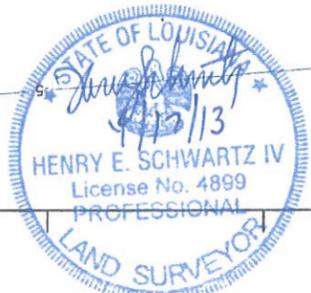
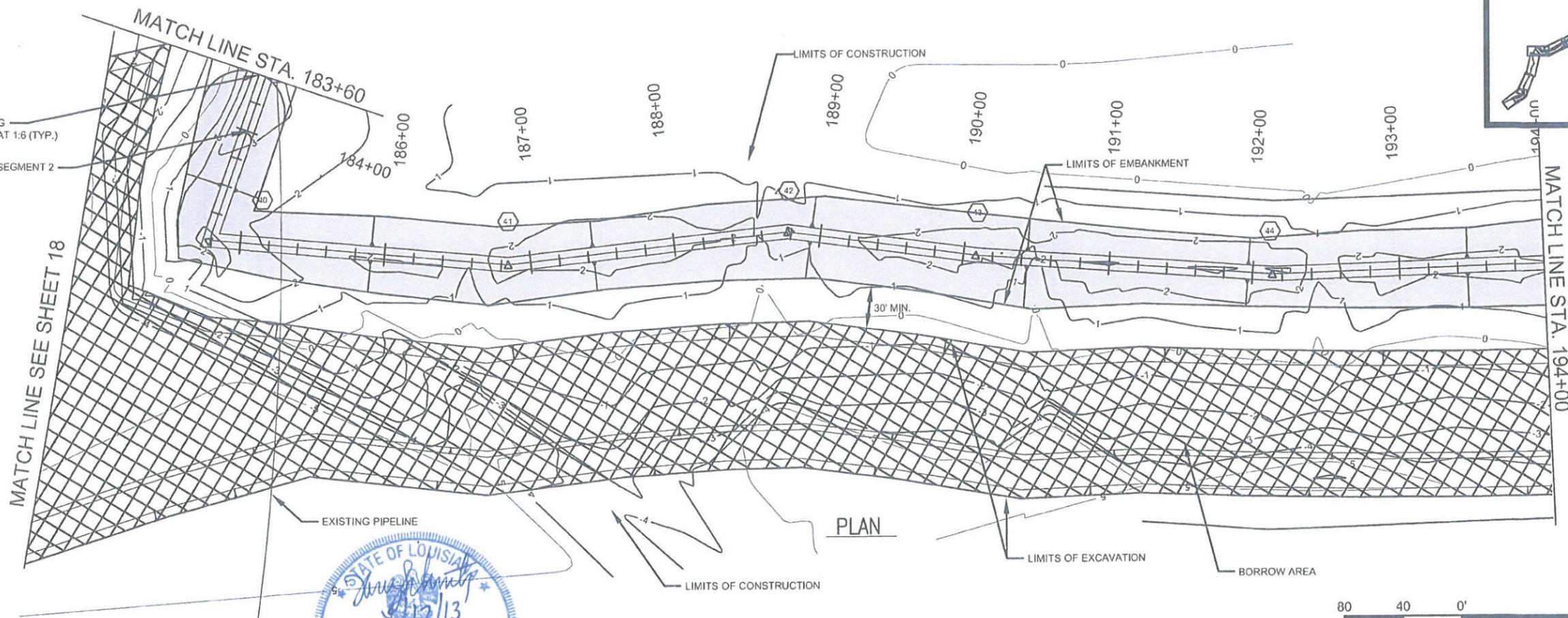
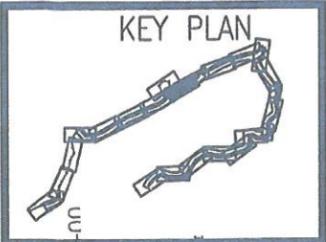
BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28

APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 2

DATE: APRIL 16, 2012
 SHEET 19 OF 48



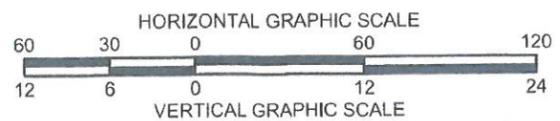
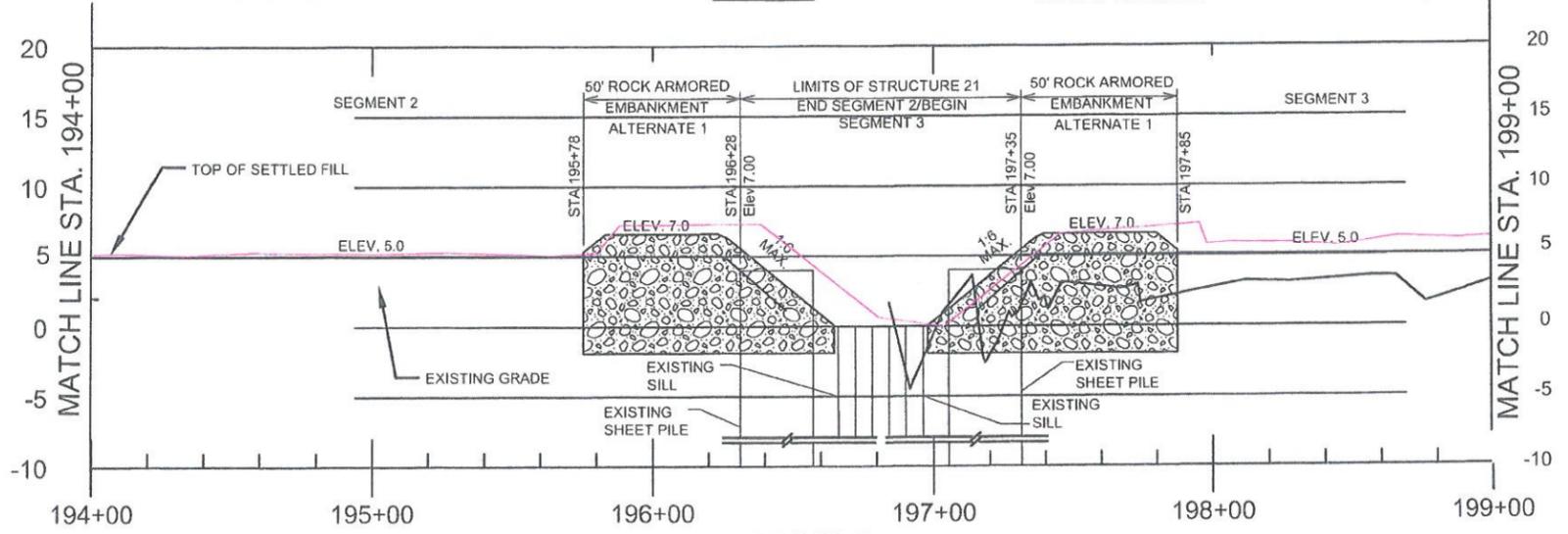
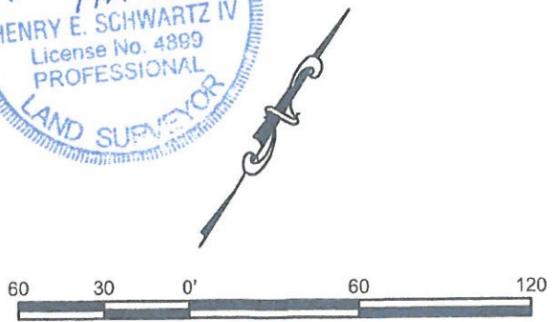
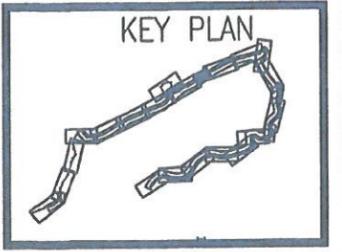
- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION ENGINEERING BRANCH 450 LAUREL STREET BATON ROUGE, LOUISIANA 70804		BRADY CANAL HYDROLOGIC RESTORATION 2012 MAINTENANCE PROJECT	PLAN AND PROFILE JUG LAKE SEGMENT NO. 2
		STATE PROJECT NUMBER: TE-28	DATE: APRIL 16, 2012
DRAWN BY: MQJ		FEDERAL PROJECT NUMBER: TE-28	SHEET 20 OF 48
DESIGNED BY: DLF		APPROVED BY: DE	

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- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

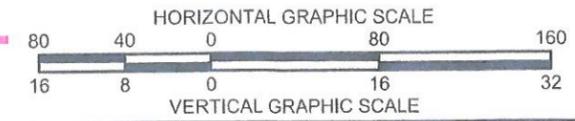
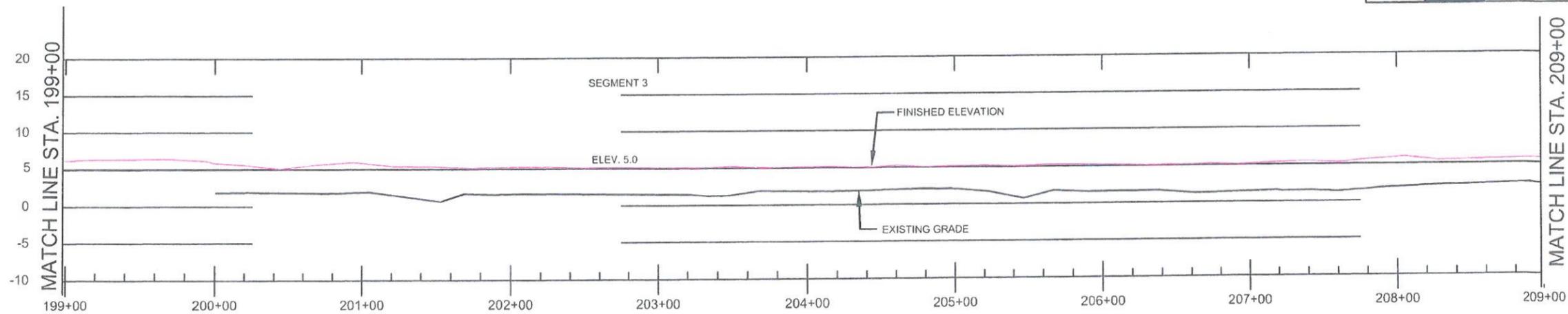
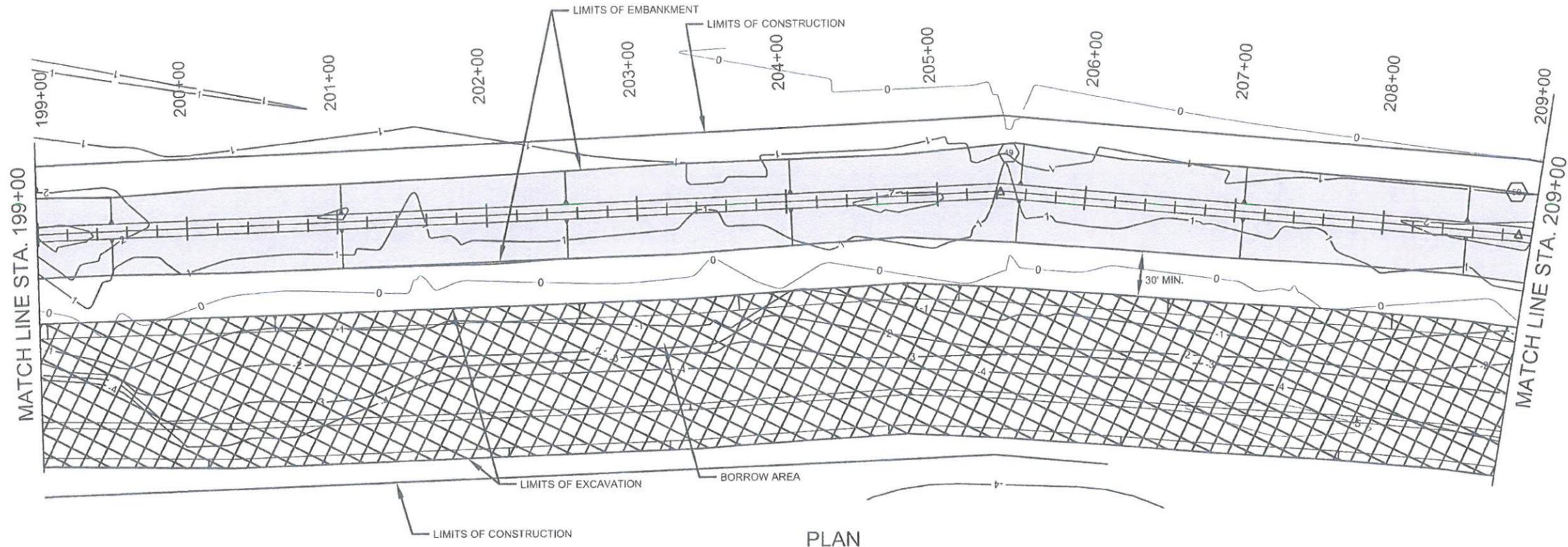
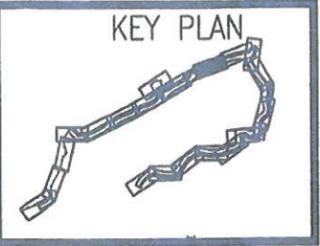
REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804
 DRAWN BY: MIJ DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

PLAN AND PROFILE
 STRUCTURE NO. 21
 DATE: APRIL 16, 2012
 SHEET 21 OF 48



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

PROFILE

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REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
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OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: 1E-28

APPROVED BY: DE

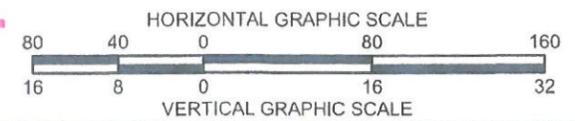
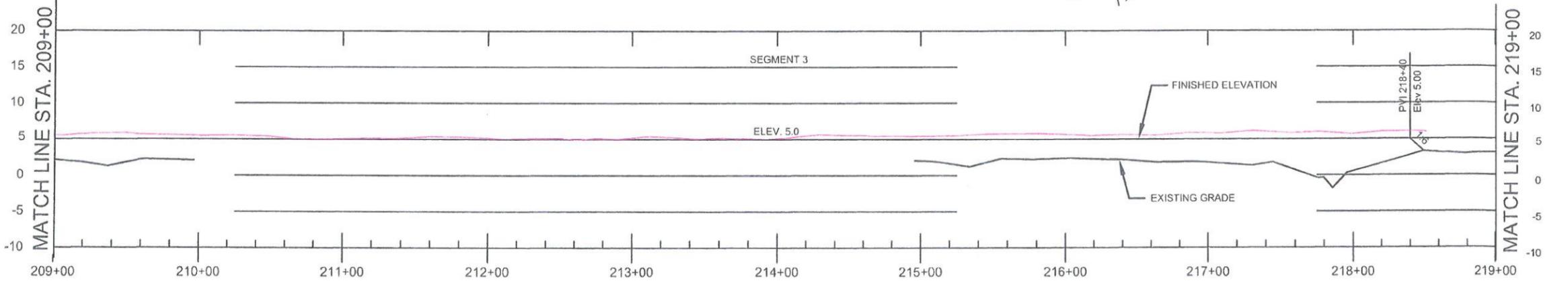
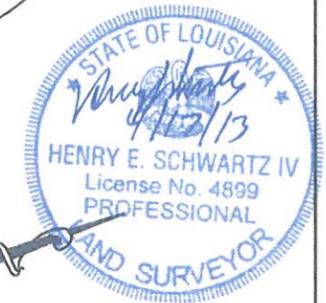
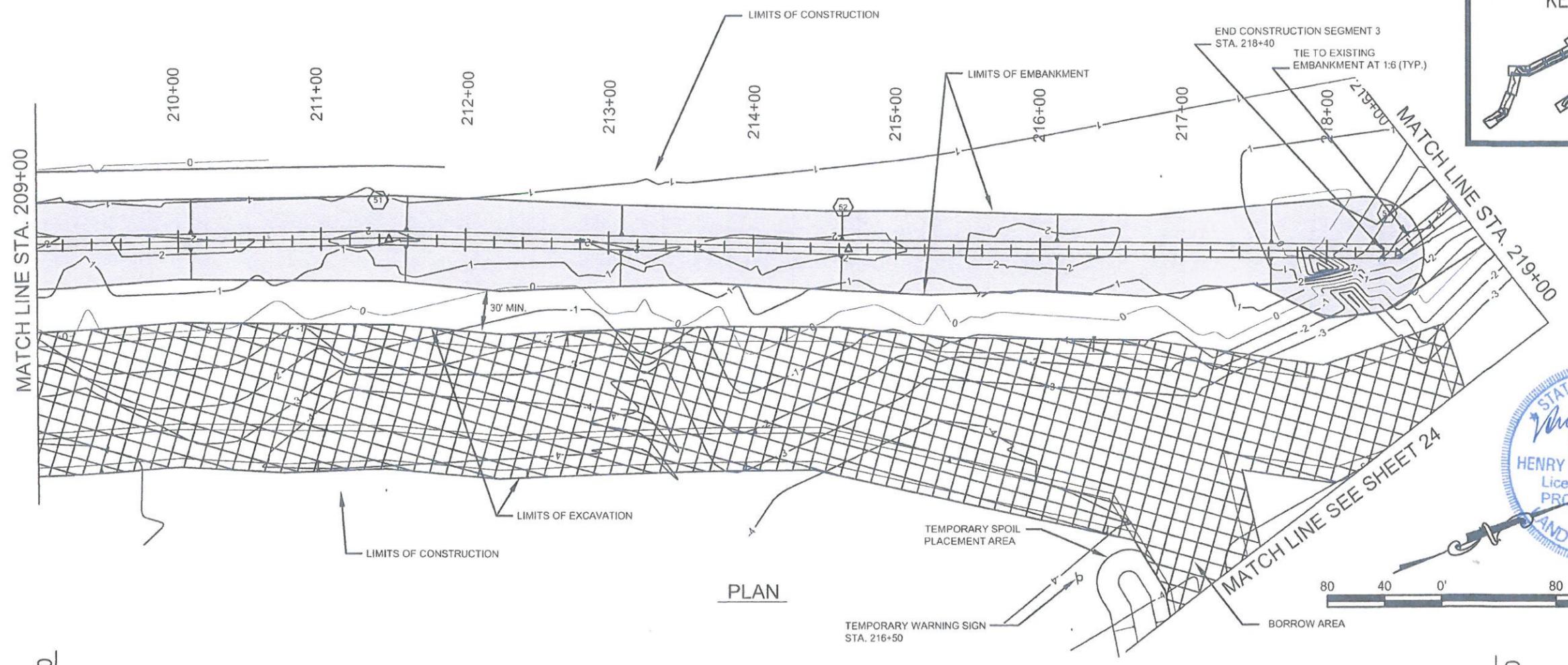
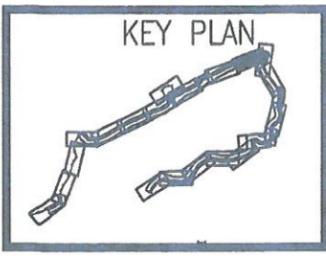
PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 3

DATE: MARCH 20, 2012

SHEET 22 OF 47

DRAWN BY: MIJ

DESIGNED BY: DLF



AS-BUILT

- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

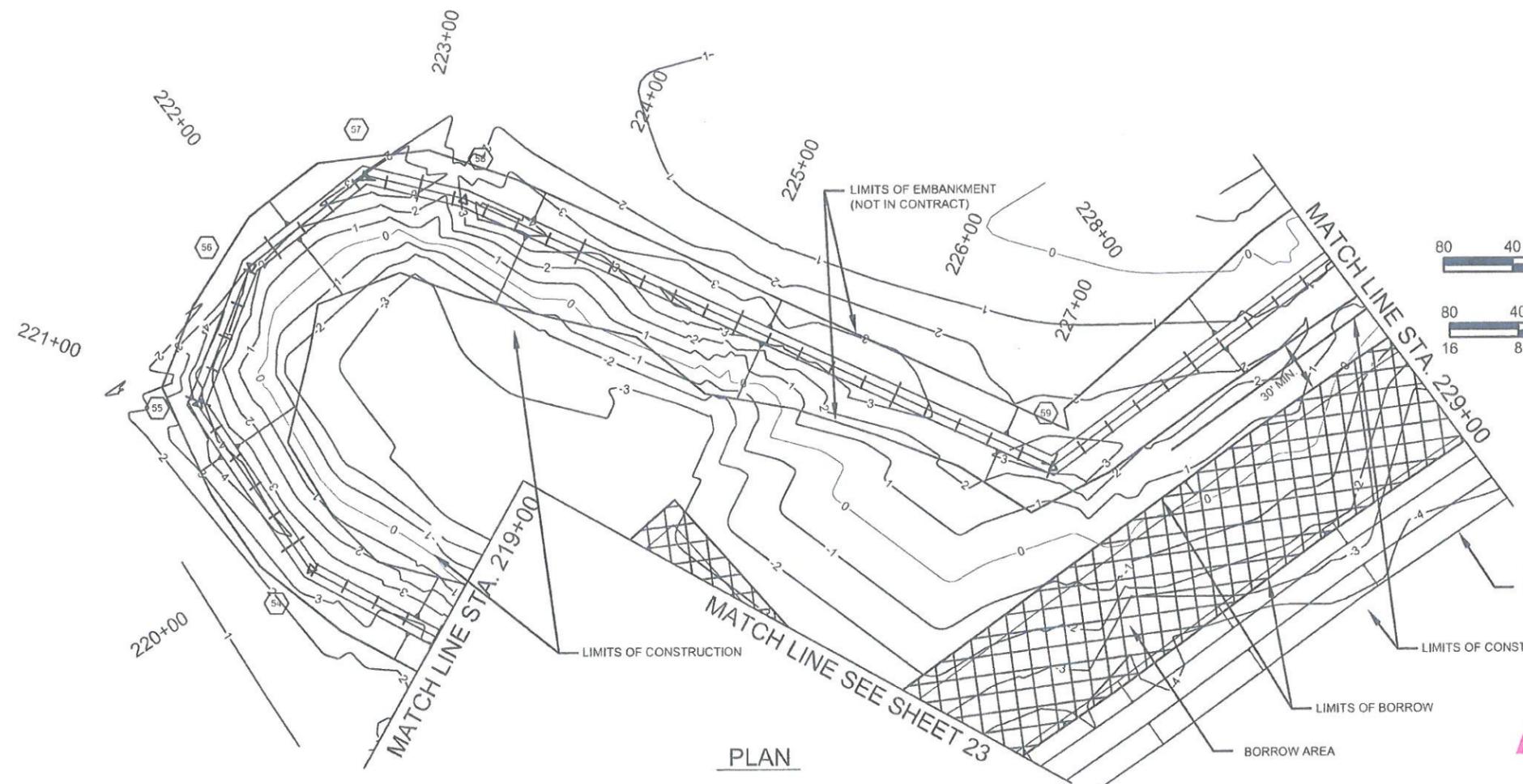
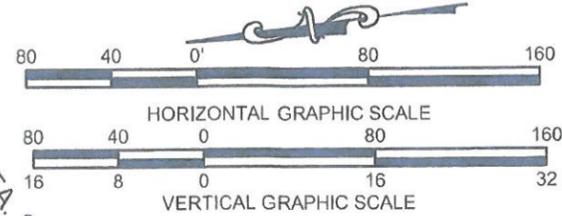
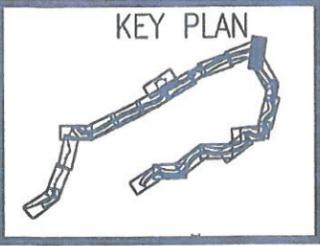
REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

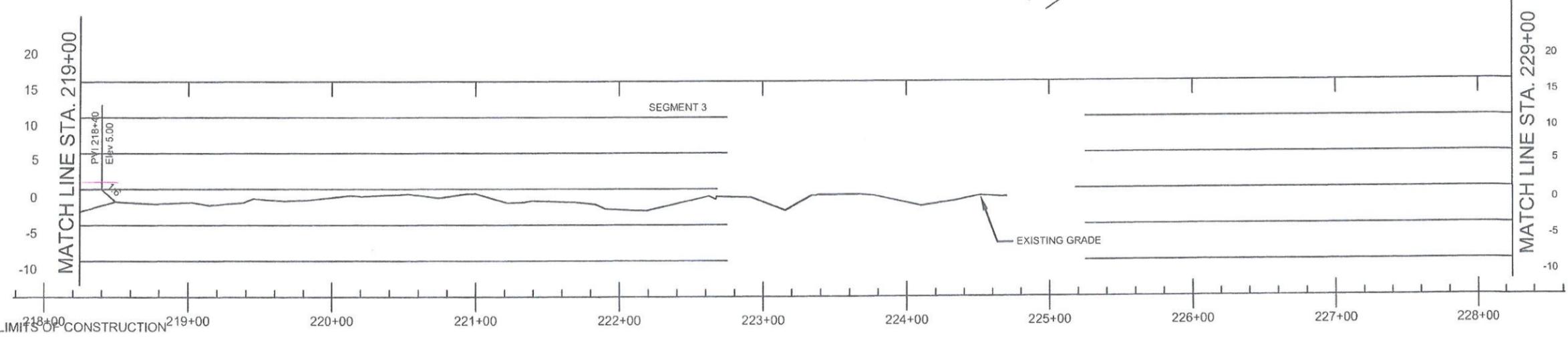
OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804
 DRAWN BY: MQJ DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 3
 DATE: APRIL 16, 2012
 SHEET 23 OF 48



AS-BUILT



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

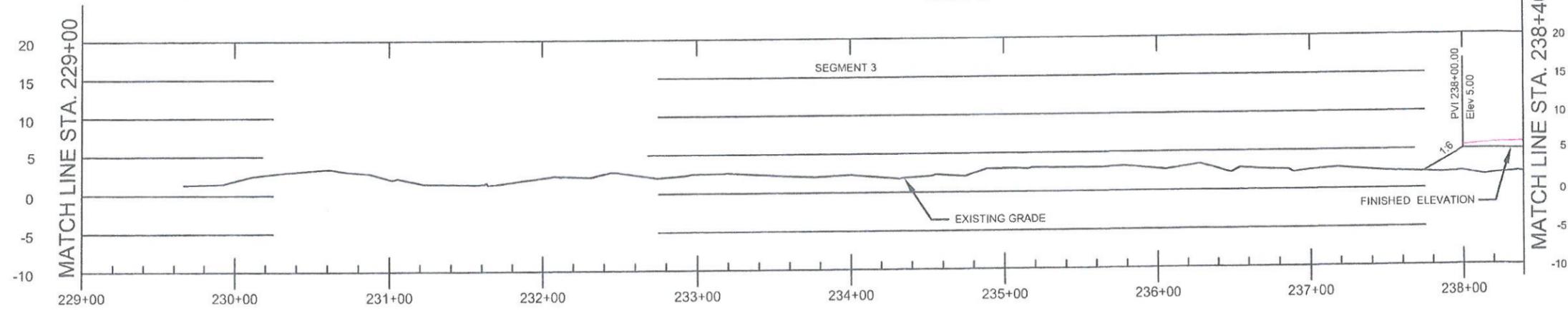
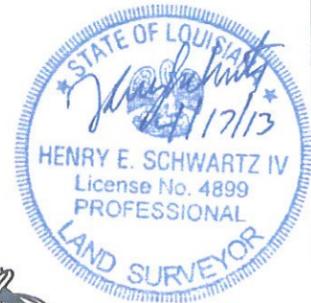
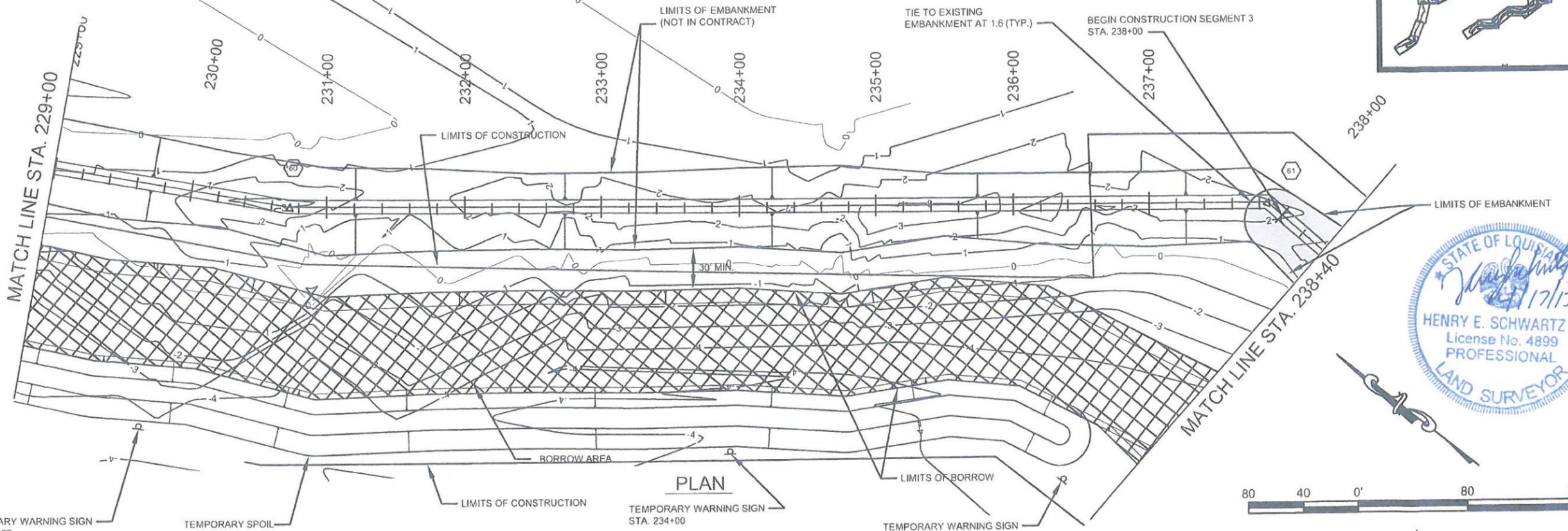
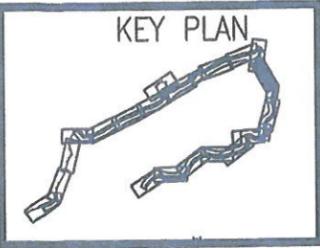
REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
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OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804
 DRAWN BY: MQJ DESIGNED BY: DLF

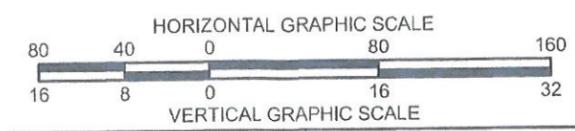
BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 3
 DATE: APRIL 16, 2012
 SHEET 24 OF 48



PROFILE

AS-BUILT



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

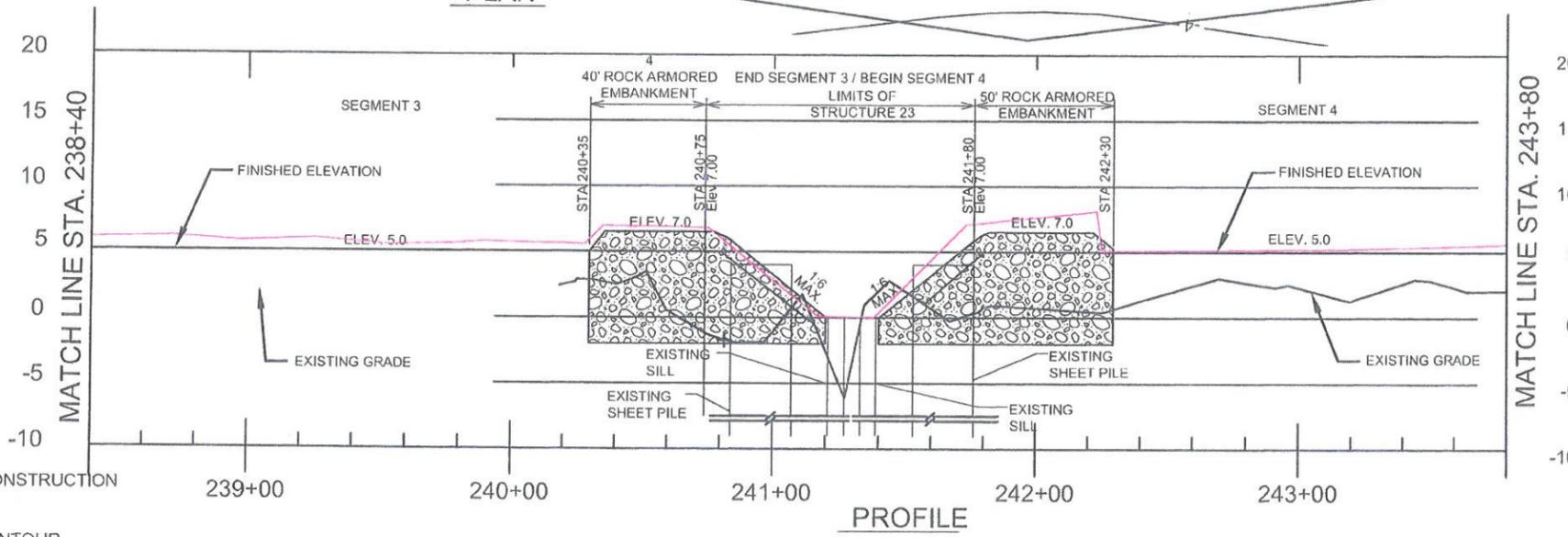
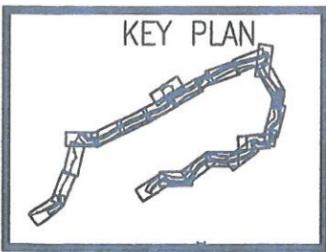
REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

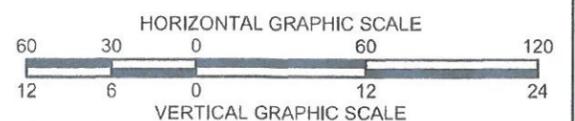
OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804
 DRAWN BY: NIQ DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 3
 DATE: MARCH 20, 2012
 SHEET 25 OF 47



AS-BUILT



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

PLAN AND PROFILE
 STRUCTURE NO. 23

DRAWN BY: MIJ

DESIGNED BY: DLF

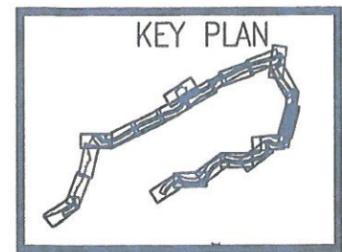
STATE PROJECT NUMBER: TE-28

FEDERAL PROJECT NUMBER: TE-28

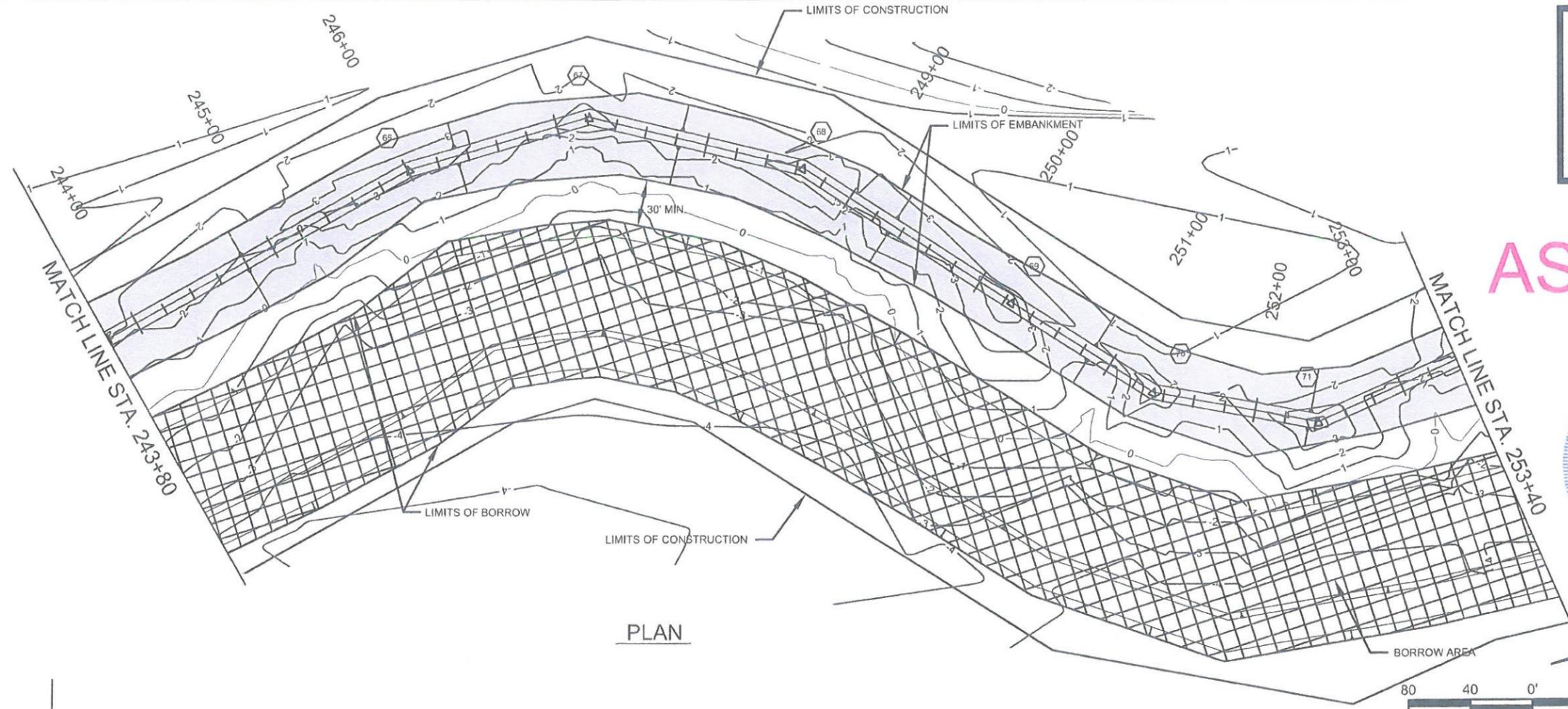
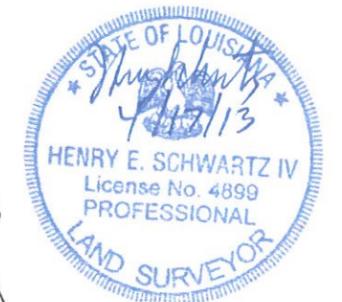
APPROVED BY: DE

DATE: APRIL 16, 2012

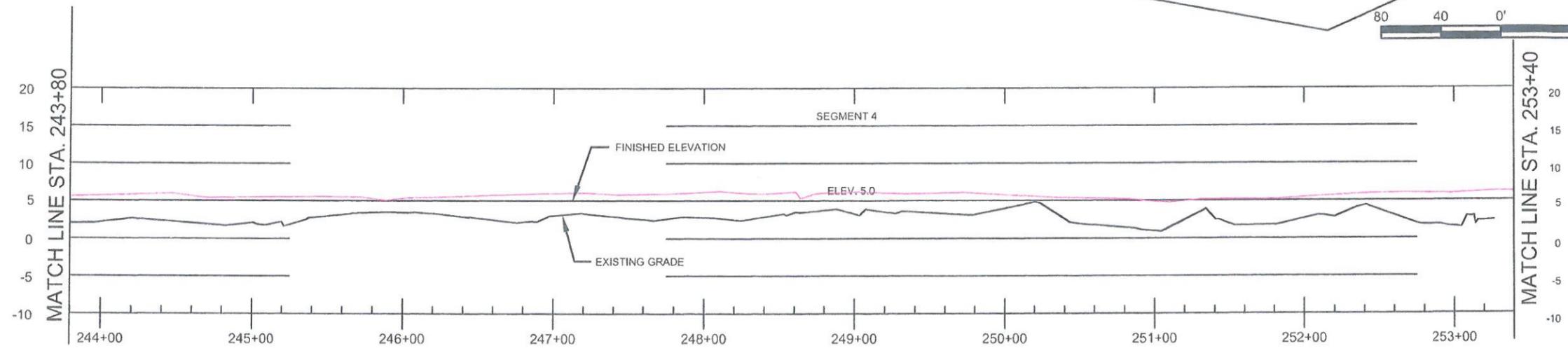
SHEET 26 OF 48



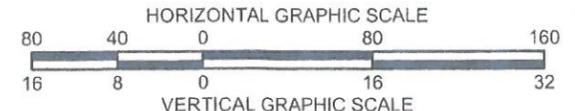
AS-BUILT



PLAN



PROFILE



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ DESIGNED BY: DLF

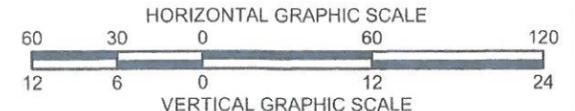
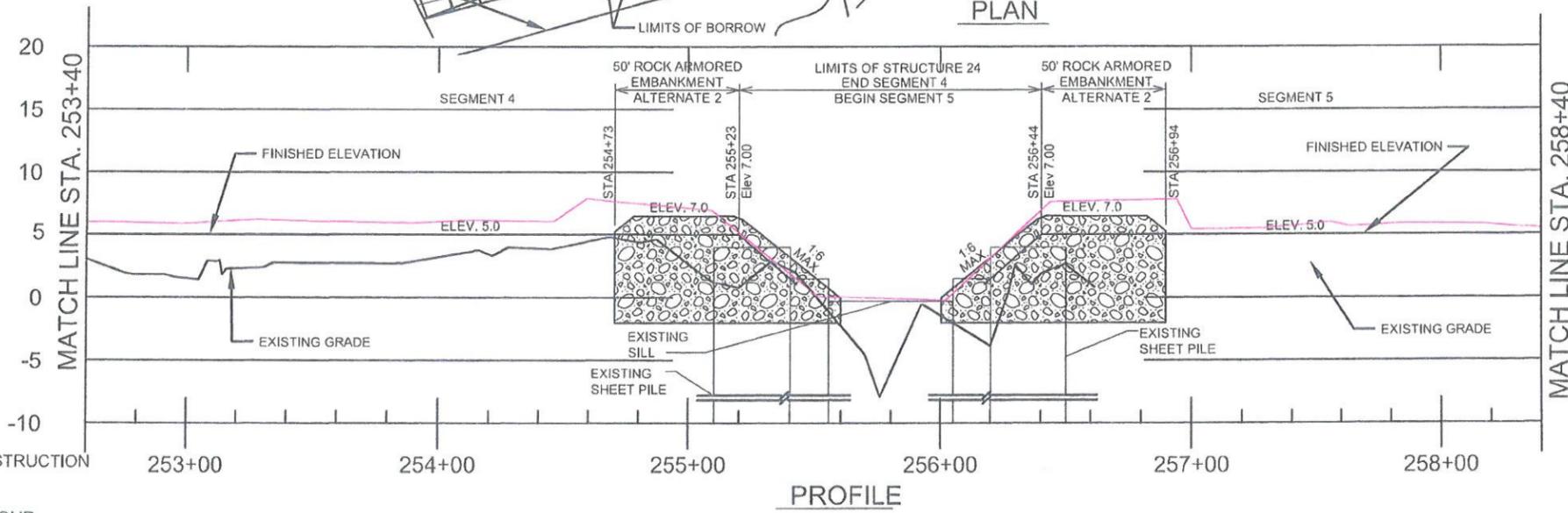
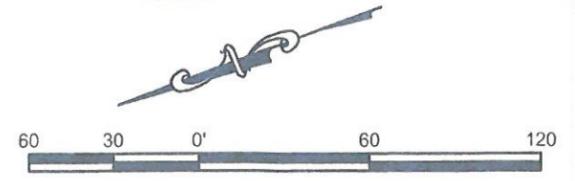
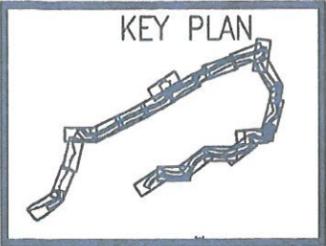
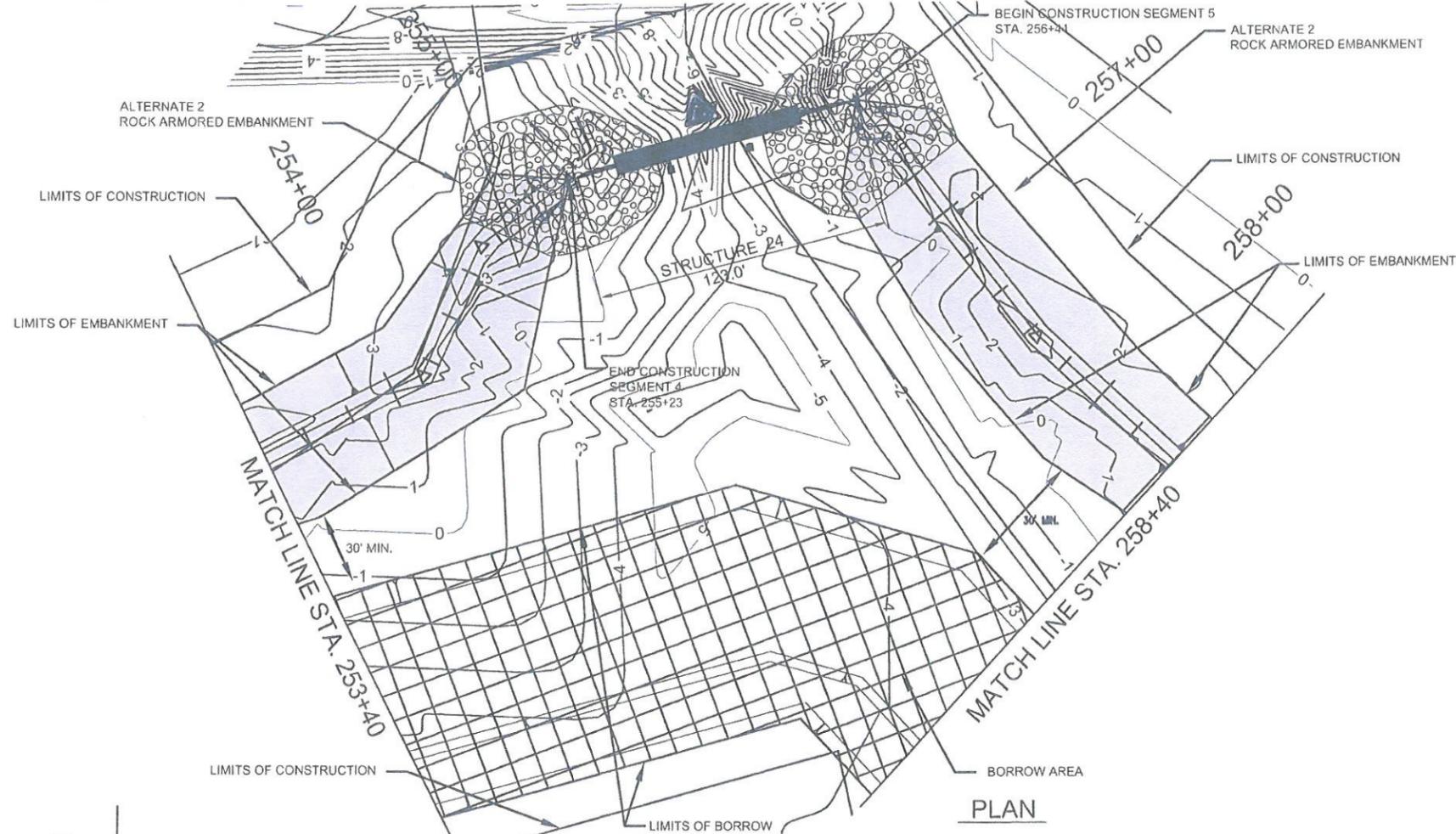
BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28

APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 4

DATE: APRIL 16, 2012
 SHEET 27 OF 48



AS-BUILT

- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- BORROW PLACEMENT
- BORROW DREDGE/FLOTATION CHANNEL

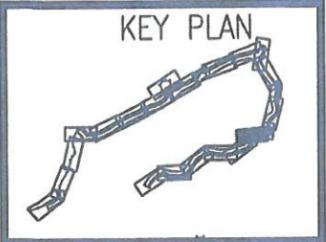
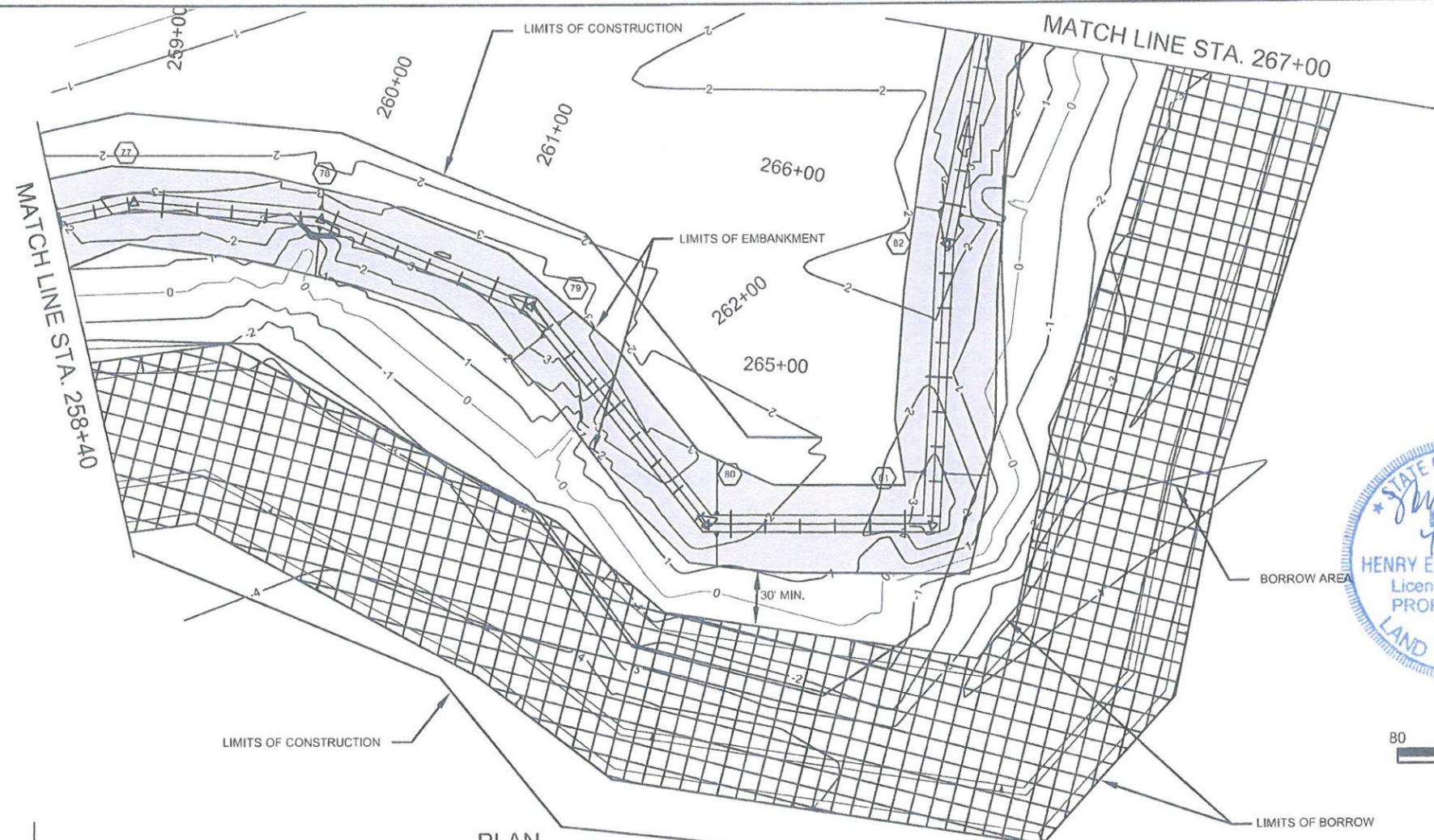
REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

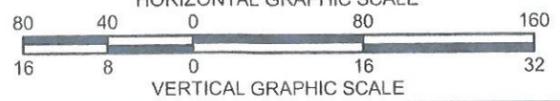
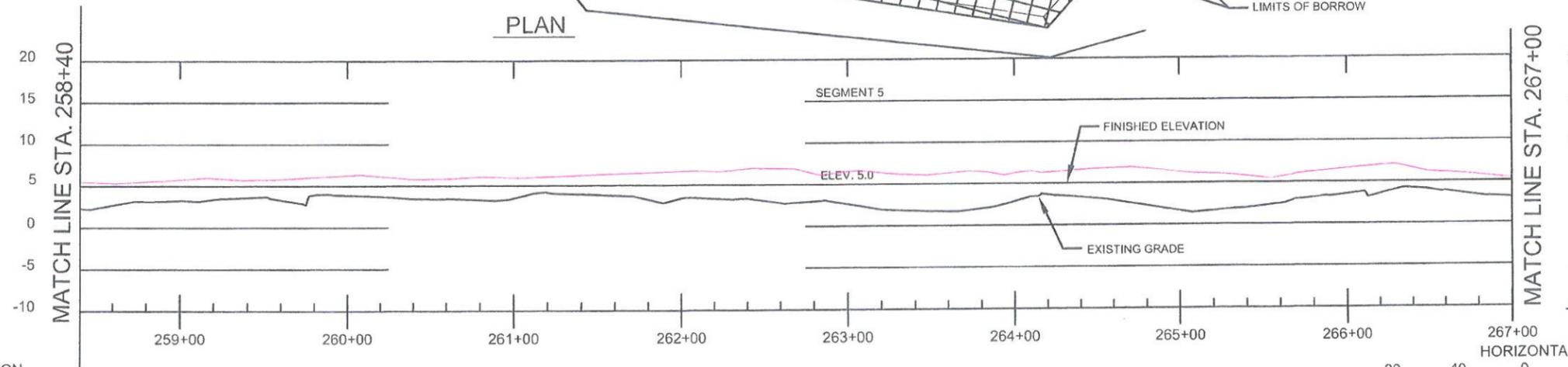
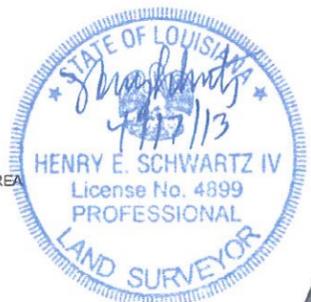
OFFICE OF COASTAL PROTECTION & RESTORATION
 ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804
 DRAWN BY: CAK DESIGNED BY: EAC

BRADY CANAL HYDROLOGIC RESTORATION
 2011 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DLF

PLAN AND PROFILE
 STRUCTURE NO. 24
 DATE: APRIL 16, 2012
 SHEET 28 OF 48



AS-BUILT



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

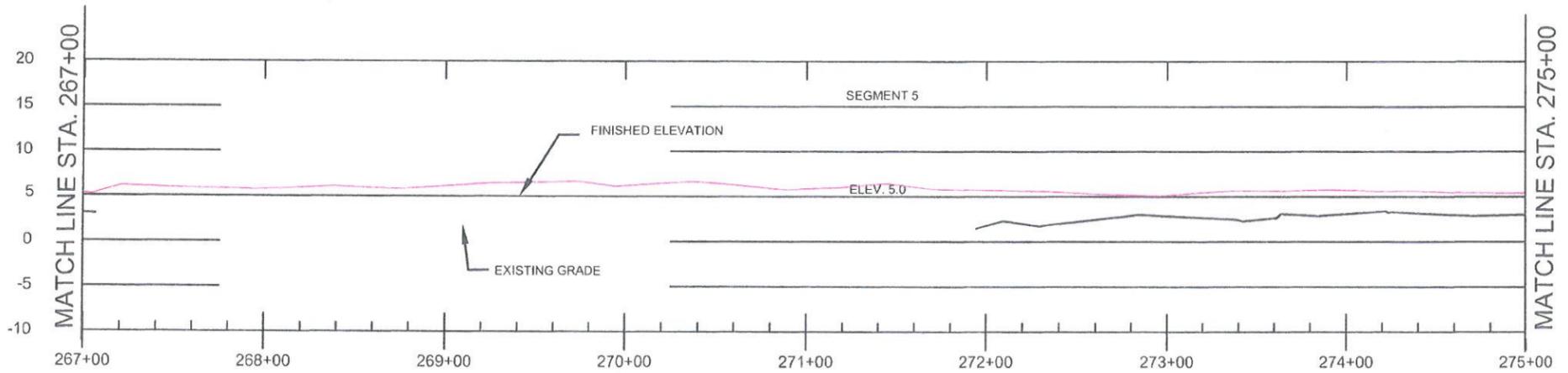
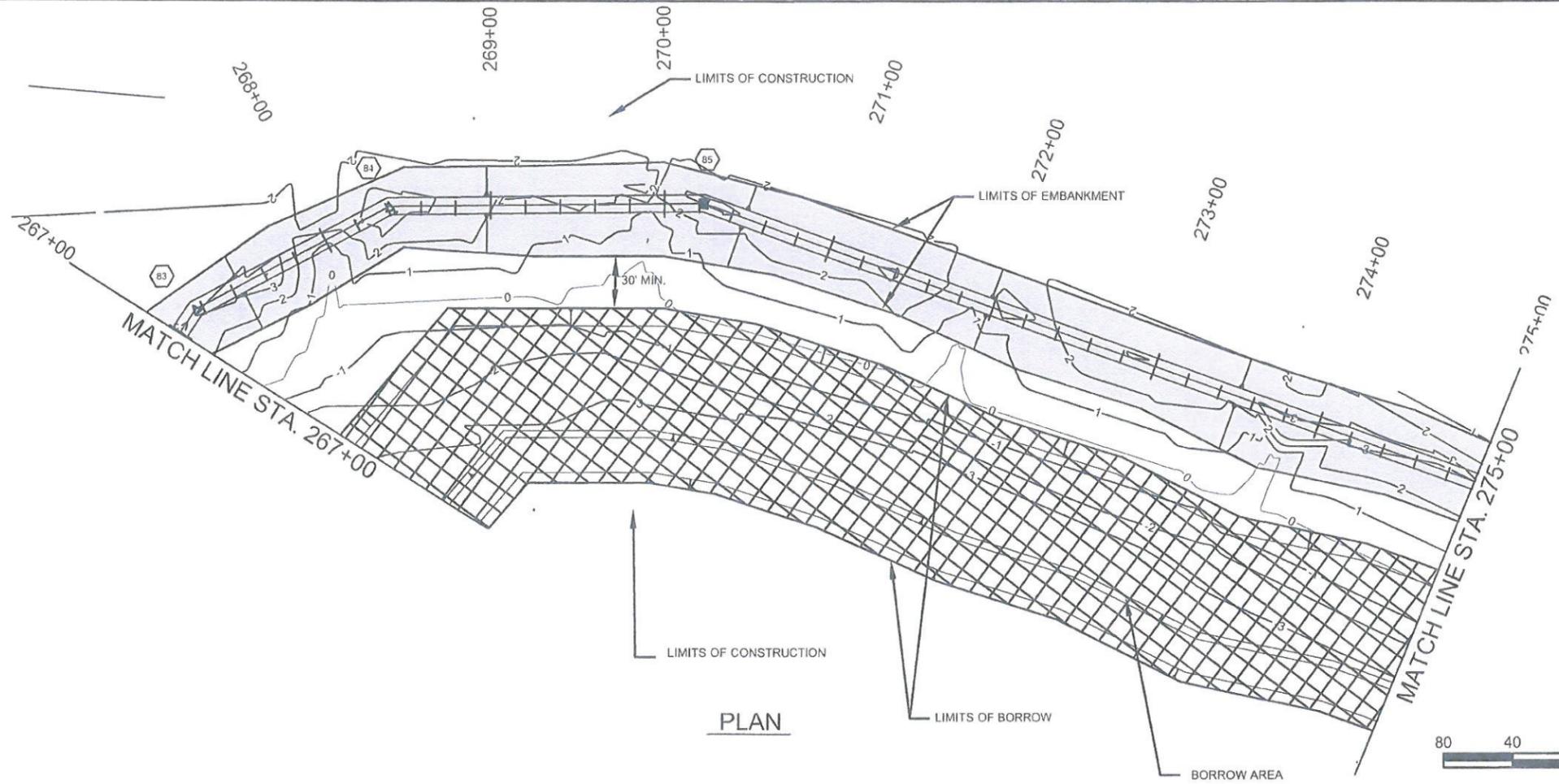
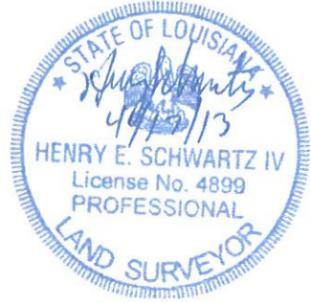
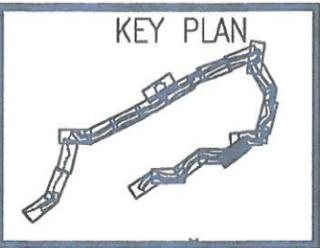
REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804
 DRAWN BY: MIJ DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 5
 DATE: APRIL 16, 2012
 SHEET 29 OF 48



AS-BUILT

- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ DESIGNED BY: DLF

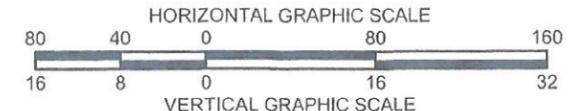
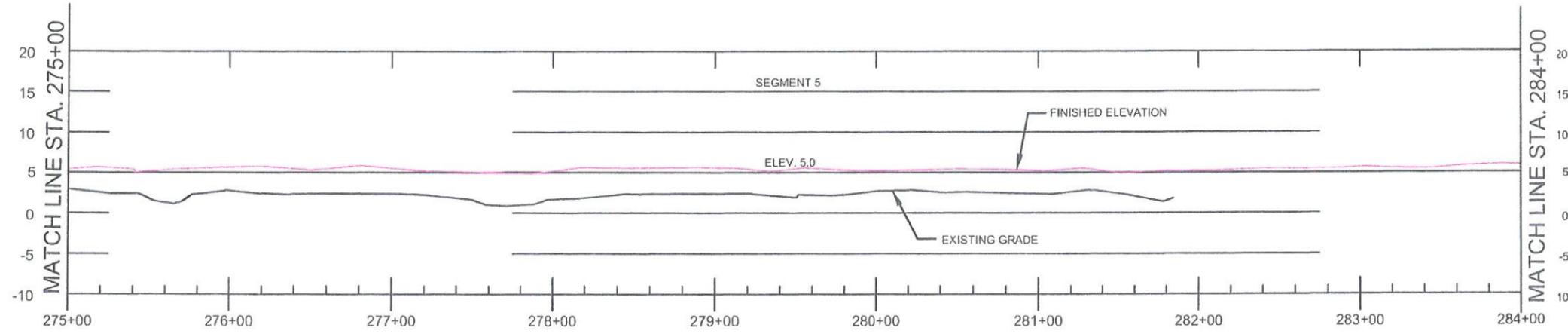
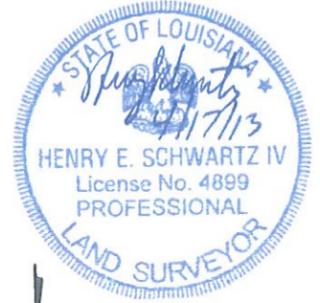
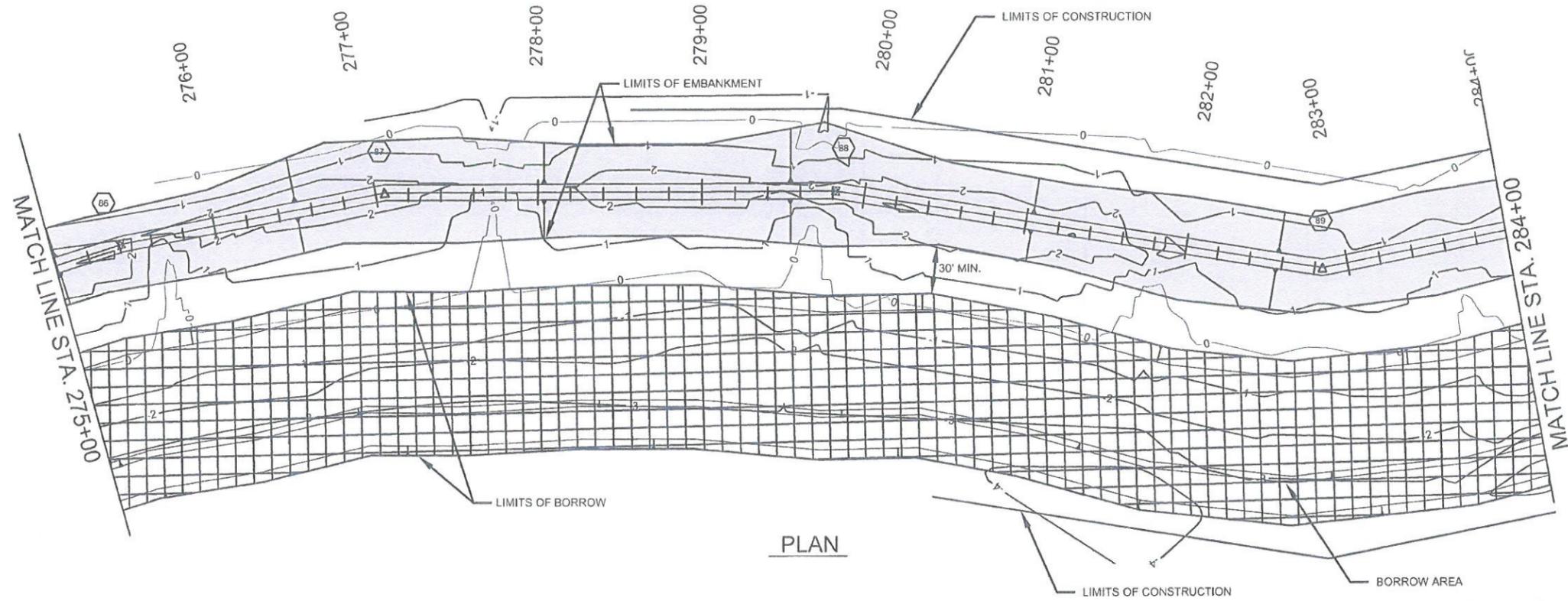
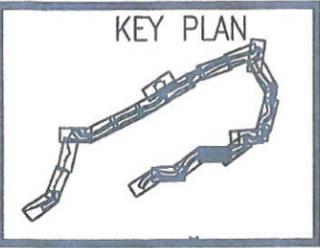
BRADY CANAL HYDROLOGIC RESTORATION
 2011 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28

APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 5

DATE: APRIL 16, 2012
 SHEET 30 OF 48



AS-BUILT

- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

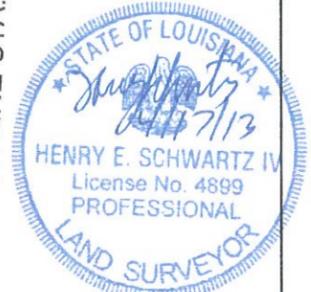
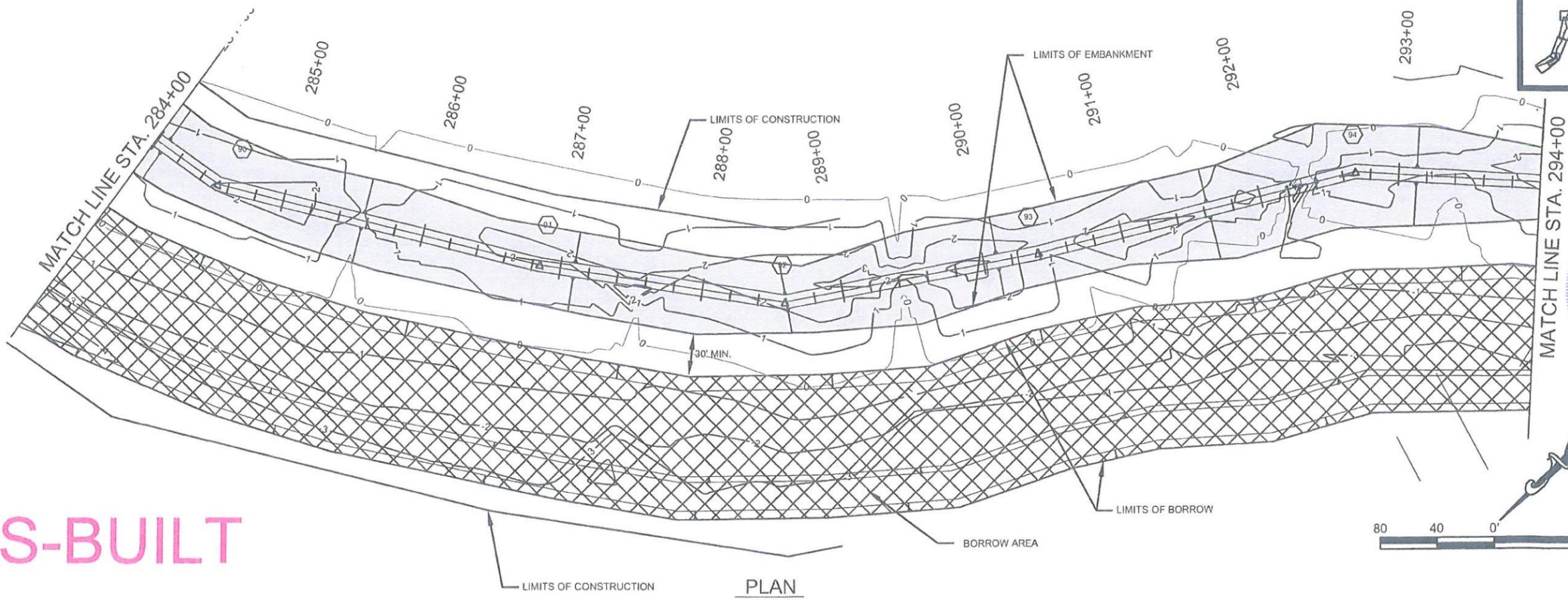
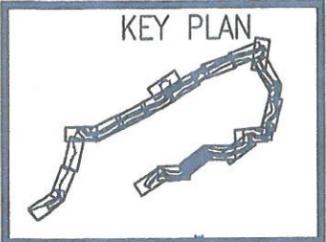
REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

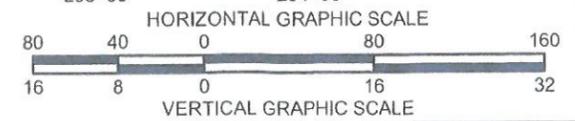
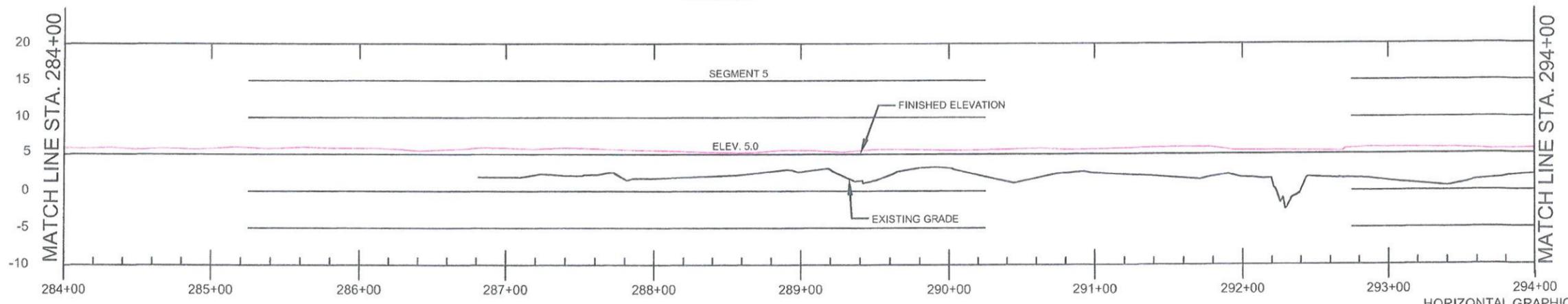
OFFICE OF COASTAL PROTECTION & RESTORATION
 ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804
 DRAWN BY: MQJ DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 5
 DATE: APRIL 16, 2012
 SHEET 31 OF 48



AS-BUILT



- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ DESIGNED BY: DLF

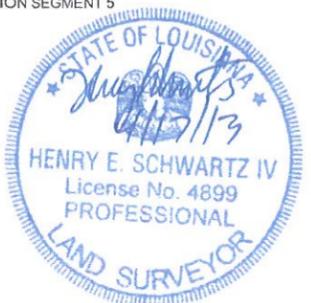
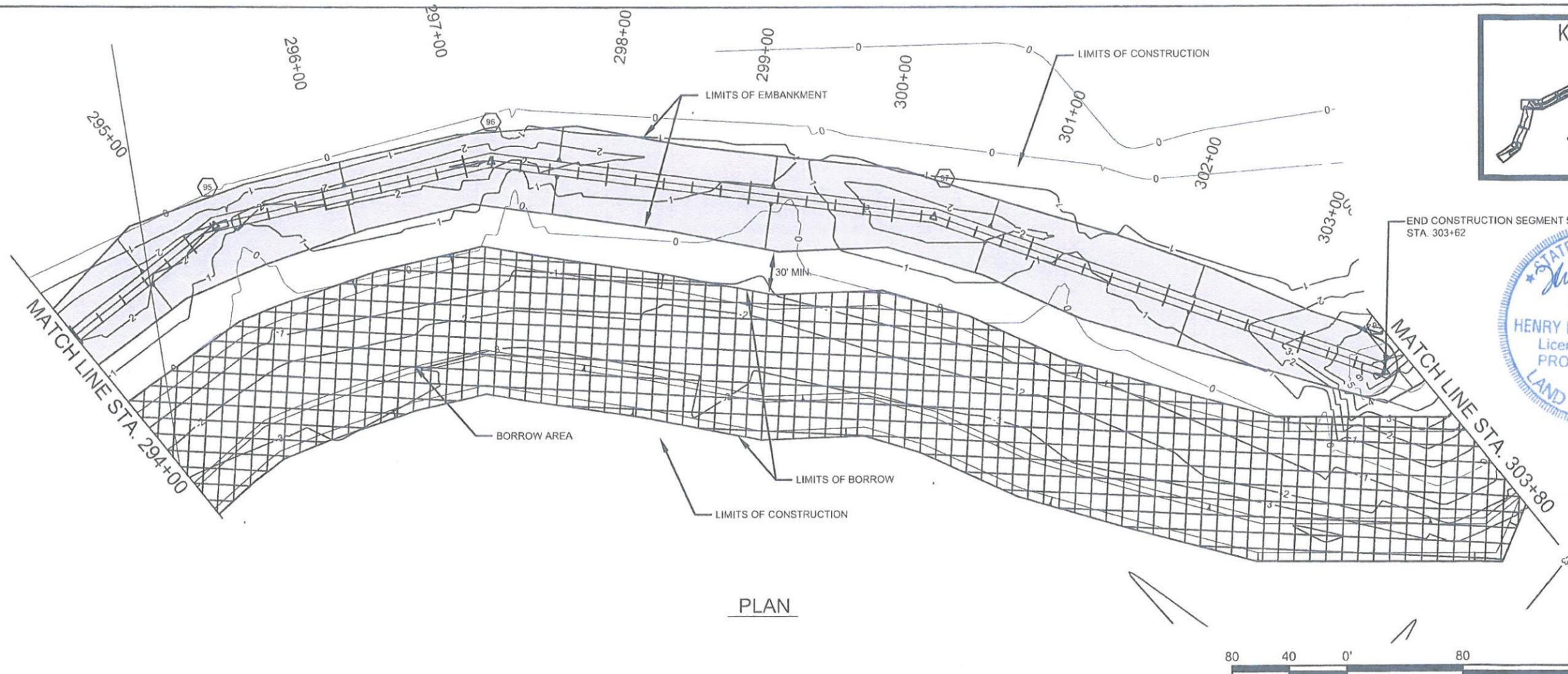
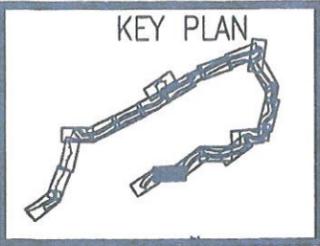
BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28

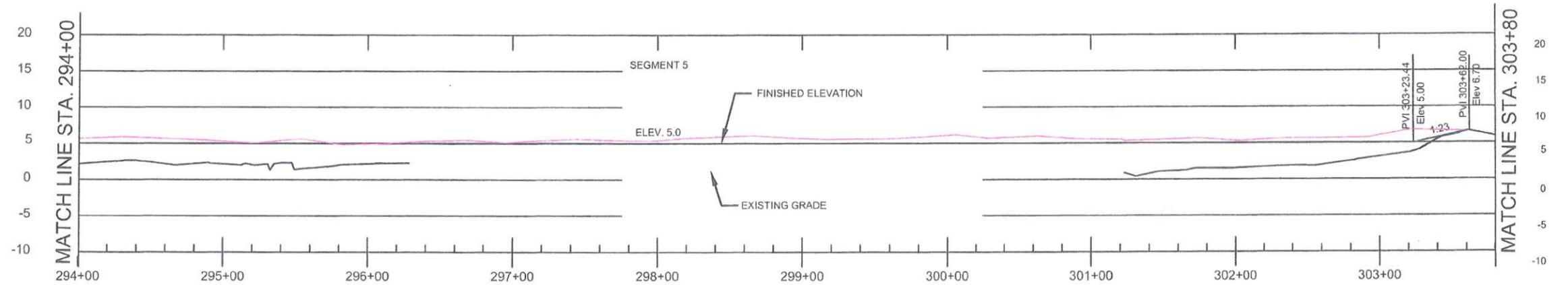
APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 5

DATE: APRIL 16, 2012
 SHEET 32 OF 48



PLAN



PROFILE

AS-BUILT

- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ DESIGNED BY: DLF

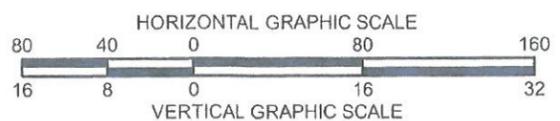
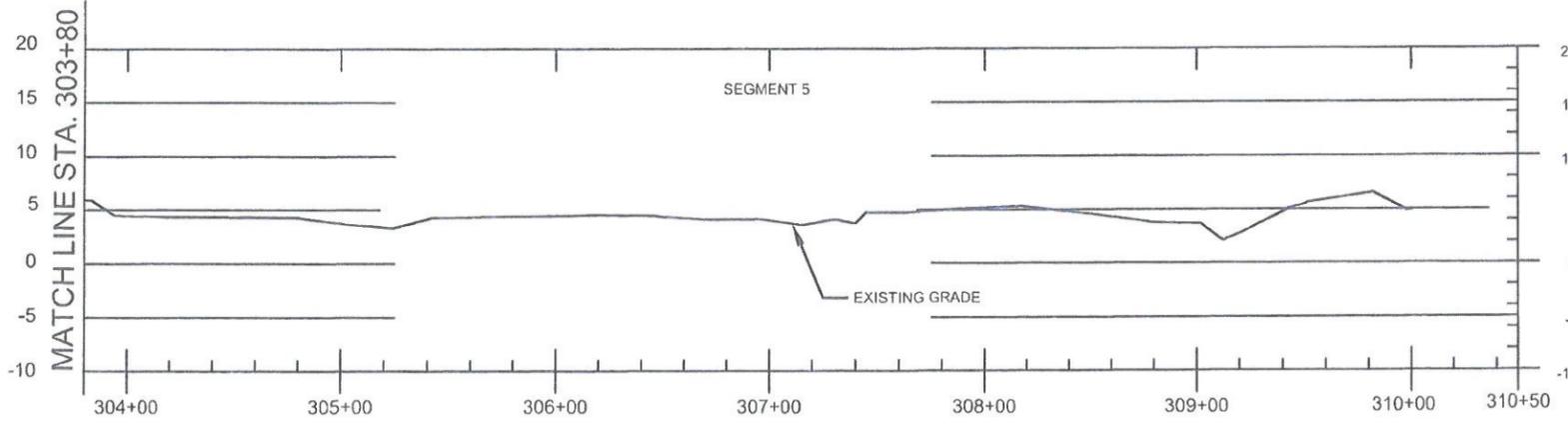
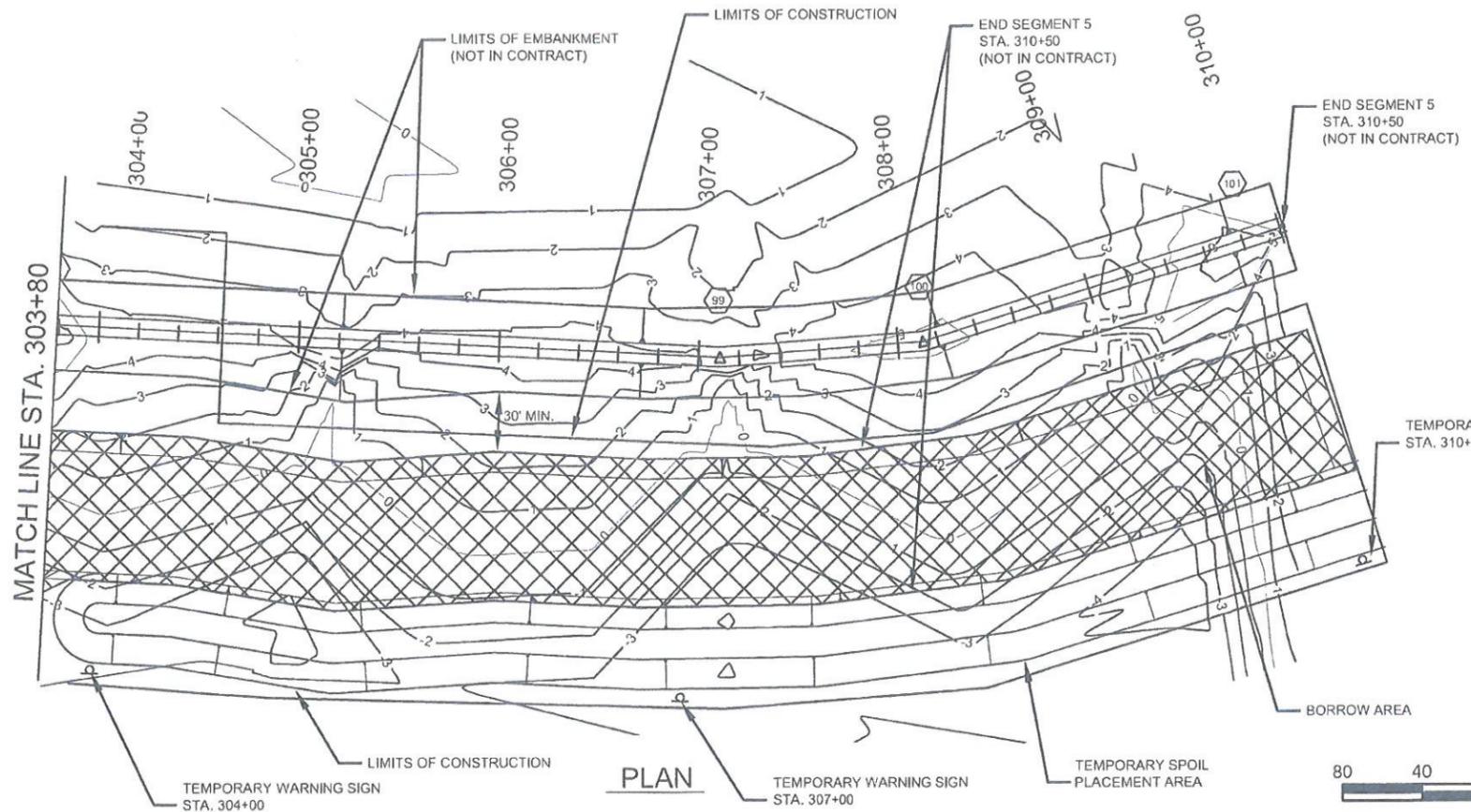
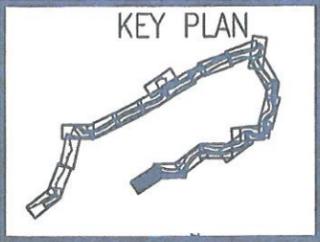
BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28

APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 5

DATE: APRIL 16, 2012
 SHEET 33 OF 48



AS-BUILT

- LIMITS OF CONSTRUCTION
- EXISTING CONTOUR
- NEW EMBANKMENT CONST. LIMITS
- BORROW DREDGE/FLOTATION CHANNEL

REV.	DATE	DESCRIPTION	BY

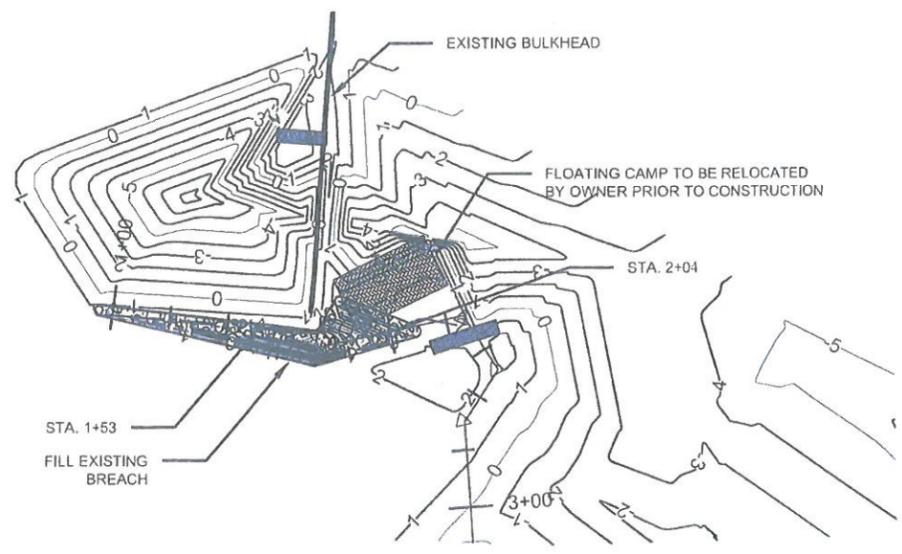
3850 N. CAUSEWAY BLVD, SUITE 1600
 METAIRIE, LOUISIANA 70002
 T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70804

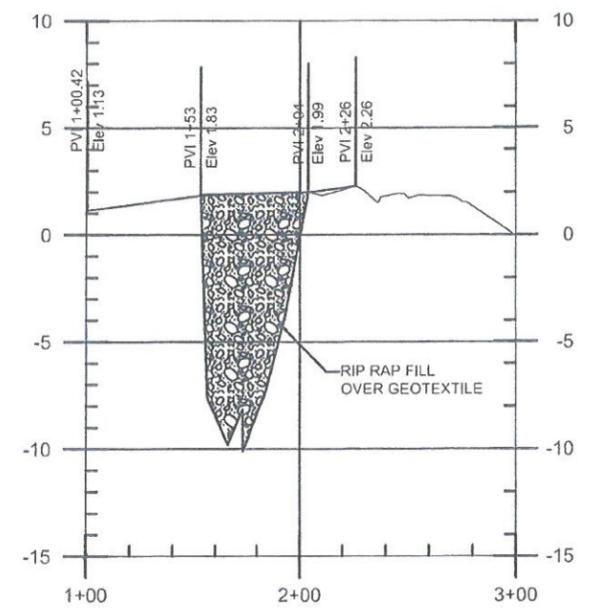
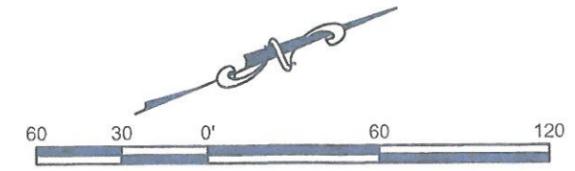
BRADY CANAL HYDROLOGIC RESTORATION
 2012 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: TE-28
 FEDERAL PROJECT NUMBER: TE-28
 APPROVED BY: DE

PLAN AND PROFILE
 JUG LAKE SEGMENT NO. 5
 DATE: APRIL 16, 2012
 SHEET 34 OF 48

DRAWN BY: MIJ DESIGNED BY: DLF

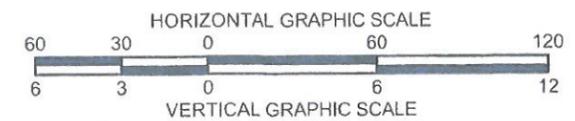


PLAN

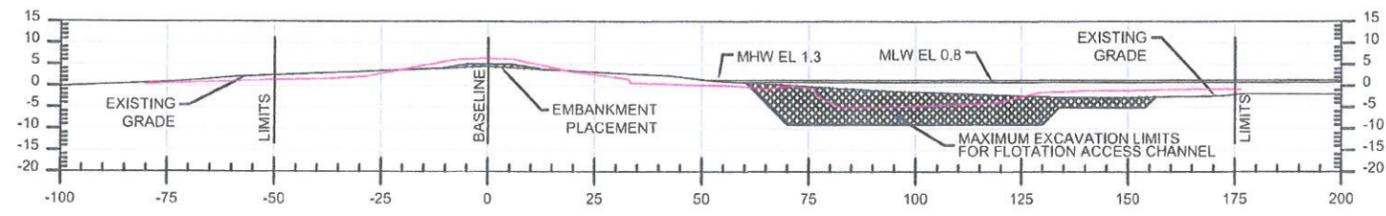


PROFILE

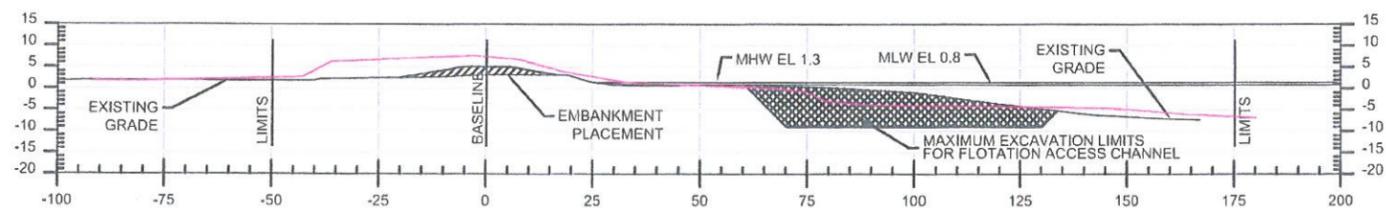
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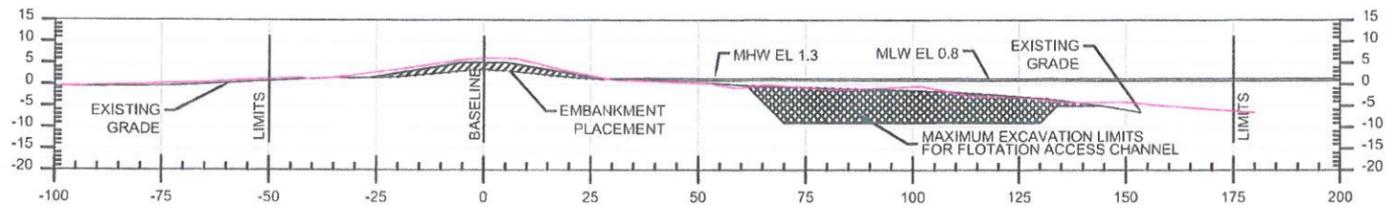
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					STATE PROJECT NUMBER: TE-28		DATE: APRIL 16, 2012
3850 N. CAUSEWAY BLVD, SUITE 1600 METAIRIE, LOUISIANA 70002 T. 504.832.4174 F. 504.832.2145				DRAWN BY: MQJ	DESIGNED BY: DLF	FEDERAL PROJECT NUMBER: TE-28	
						APPROVED BY: DF	SHEET 35 OF 48
REV.	DATE	DESCRIPTION	BY				



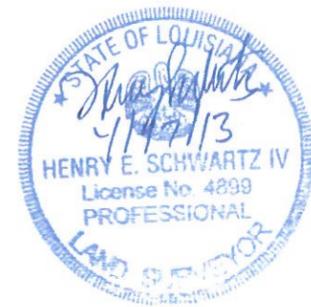
Segment 1
112+60
AS-BUILT STA. 112+60



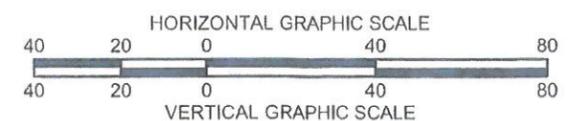
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110+00
AS-BUILT STA. 110+00



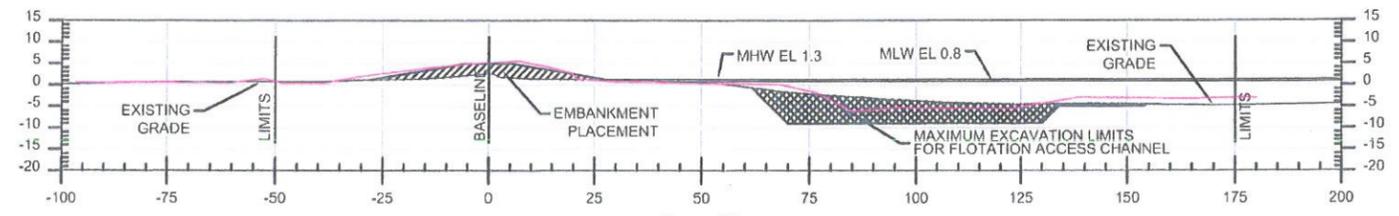
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105+80
AS-BUILT STA. 105+80



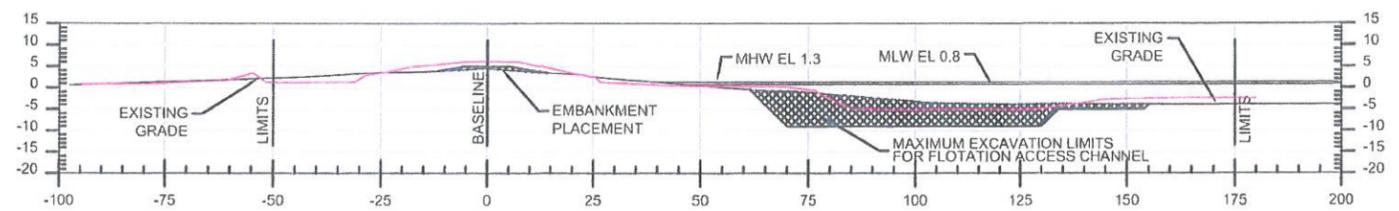
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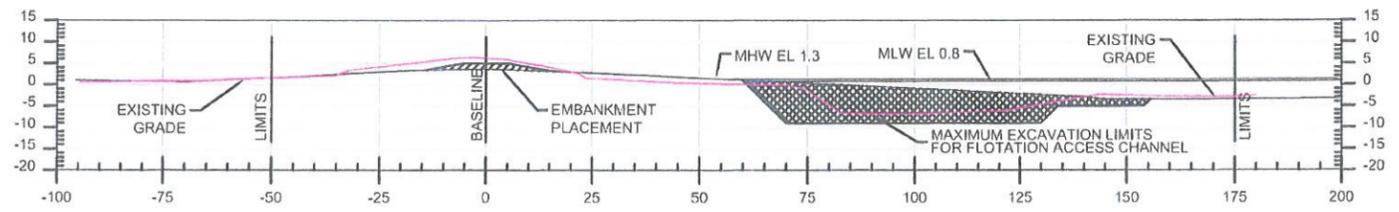
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				3850 N. CAUSEWAY BLVD, SUITE 1600 METAIRIE, LOUISIANA 70002 T. 504.832.4174 F. 504.832.2145		STATE PROJECT NUMBER: TE-28		DATE: APRIL 16, 2012	
				DRAWN BY: MQJ		DESIGNED BY: DLF		FEDERAL PROJECT NUMBER: TE-28	
				APPROVED BY: DE		SHEET 36 OF 48			
REV.	DATE	DESCRIPTION	BY						



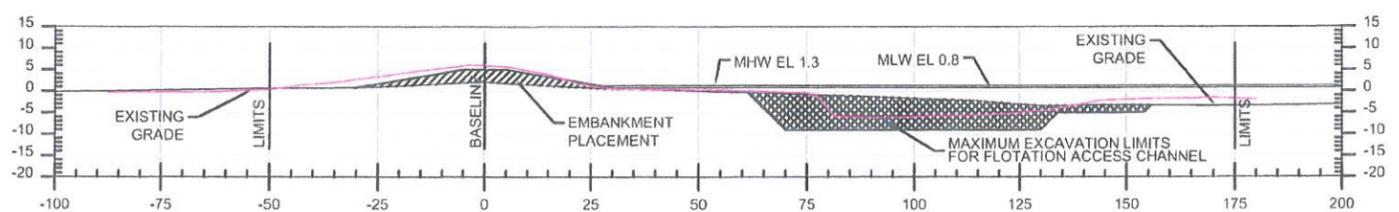
Segment 2
157+00
AS-BUILT STA. 156+33



Segment 2
152+00
AS-BUILT STA. 151+13

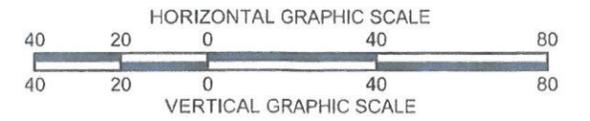


Segment 2
147+00
AS-BUILT STA. 147+57

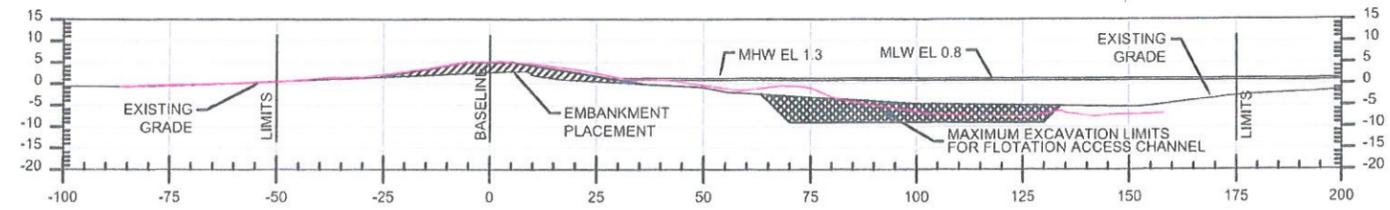


Segment 2
142+00
AS-BUILT STA. 141+76

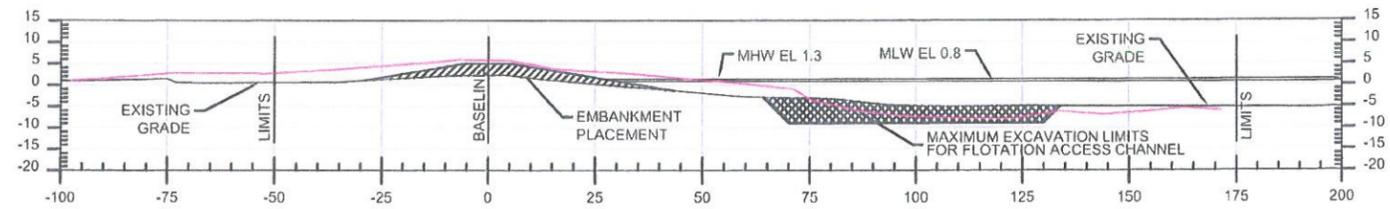
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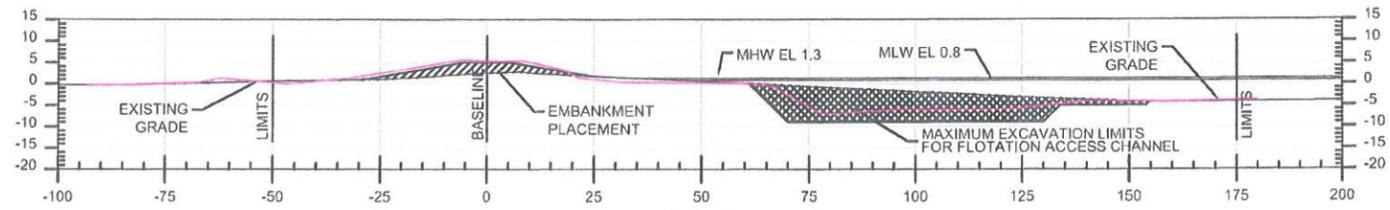
				OFFICE OF COASTAL PROTECTION & RESTORATION ENGINEERING BRANCH 450 LAUREL STREET BATON ROUGE, LOUISIANA 70804		BRADY CANAL HYDROLOGIC RESTORATION 2012 MAINTENANCE PROJECT		CROSS SECTIONS JUG LAKE SEGMENT NO. 2	
				3850 N. CAUSEWAY BLVD, SUITE 1600 METAIRIE, LOUISIANA 70002 T. 504.832.4174 F. 504.832.2145				STATE PROJECT NUMBER: TE-28	
								DATE: APRIL 16, 2012	
				DRAWN BY: MQJ		DESIGNED BY: DJF		APPROVED BY: DE	
								SHEET 37 OF 48	
REV.	DATE	DESCRIPTION	BY						



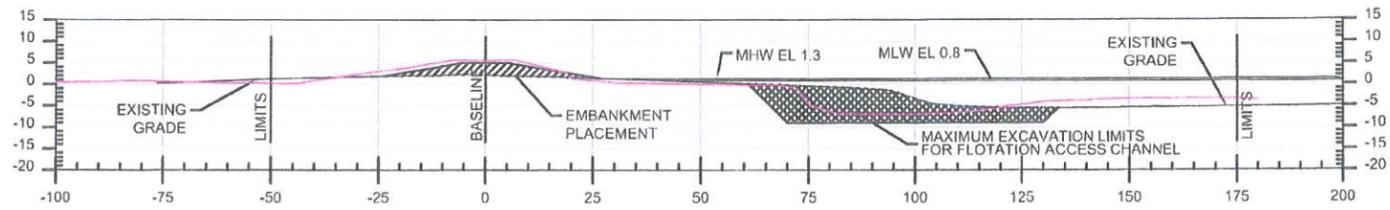
Segment 2
173+00
AS-BUILT STA. 173+00



Segment 2
172+00
AS-BUILT STA. 172+10

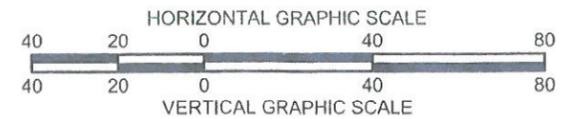


Segment 2
167+00
AS-BUILT STA. 168+27



Segment 2
162+00
AS-BUILT STA. 159+43

AS-BUILT



REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
METAIRIE, LOUISIANA 70002
T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET
BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ

DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28

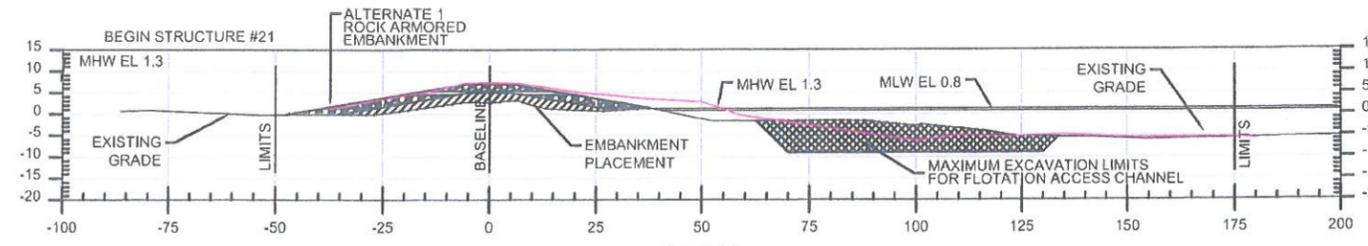
FEDERAL PROJECT NUMBER: TE-28

APPROVED BY: DE

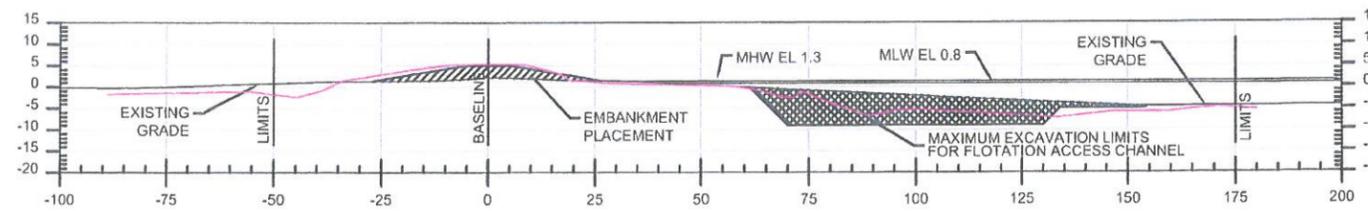
CROSS SECTIONS
JUG LAKE SEGMENT NO. 2

DATE: APRIL 16, 2012

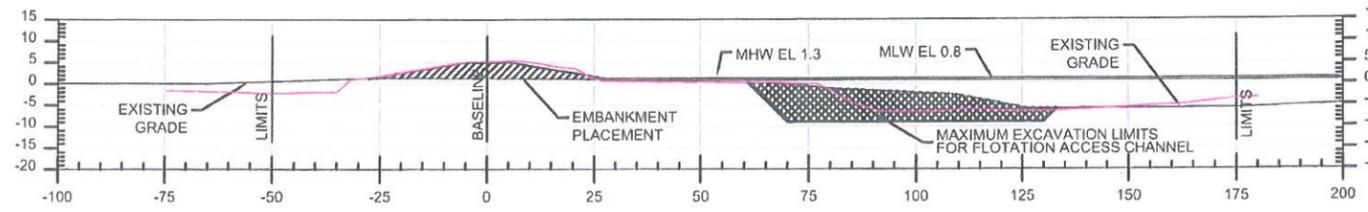
SHEET 38 OF 48



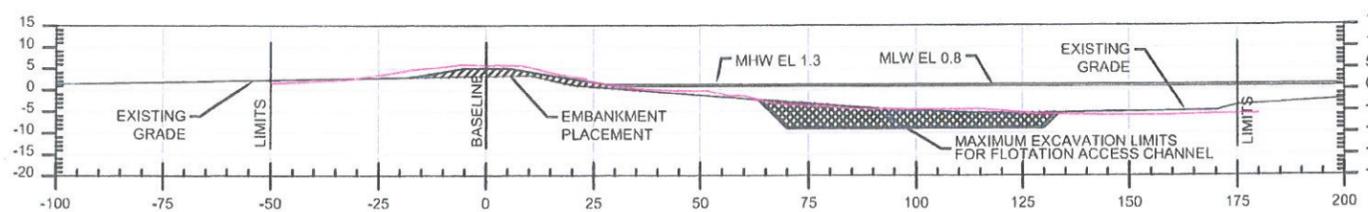
Segment 2
196+28
AS-BUILT STA. 196+38



Segment 2
194+00
AS-BUILT STA. 194+92

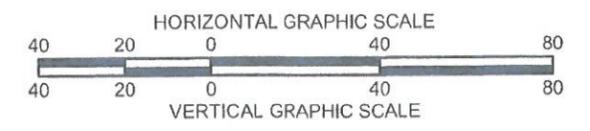


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189+00
AS-BUILT STA. 189+78

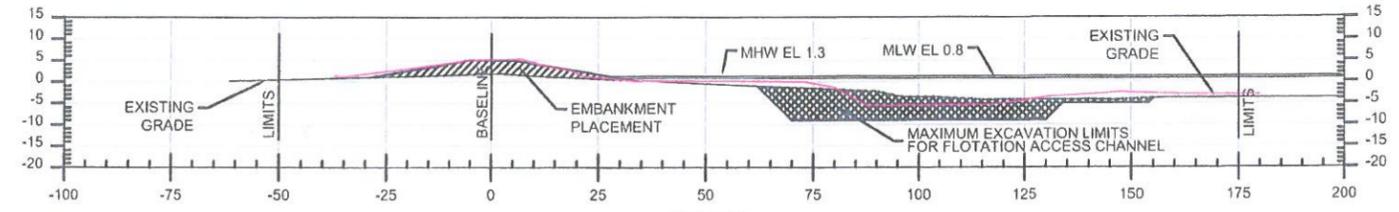


Segment 2
184+00
AS-BUILT STA. 184+00

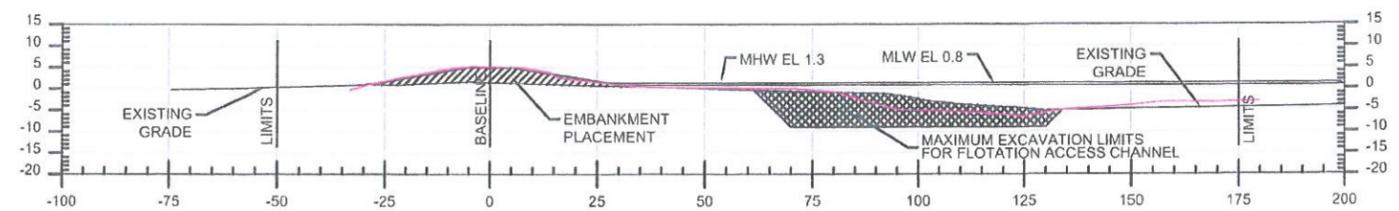
AS-BUILT



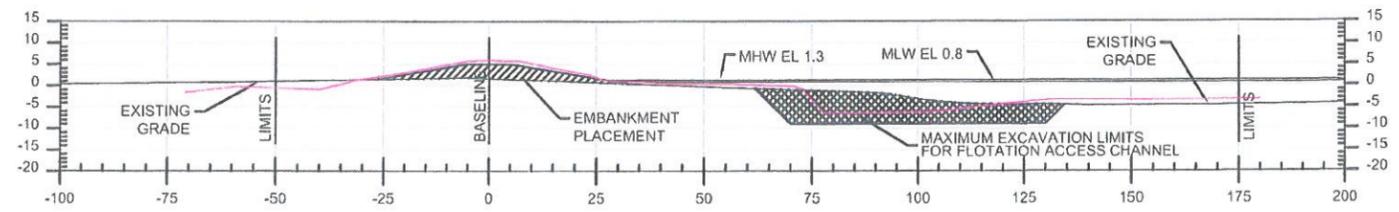
				OFFICE OF COASTAL PROTECTION & RESTORATION ENGINEERING BRANCH 450 LAUREL STREET BATON ROUGE, LOUISIANA 70804		BRADY CANAL HYDROLOGIC RESTORATION 2012 MAINTENANCE PROJECT		CROSS SECTIONS JUG LAKE SEGMENT NO. 2	
				3850 N. CAUSEWAY BLVD, SUITE 1600 METAIRIE, LOUISIANA 70002 T. 504.832.4174 F. 504.832.2145				STATE PROJECT NUMBER: TE-28	
								DATE: APRIL 16, 2012	
				DRAWN BY: MQJ		DESIGNED BY: DLF		APPROVED BY: DE	
								SHEET 39 OF 48	
REV.	DATE	DESCRIPTION	BY						



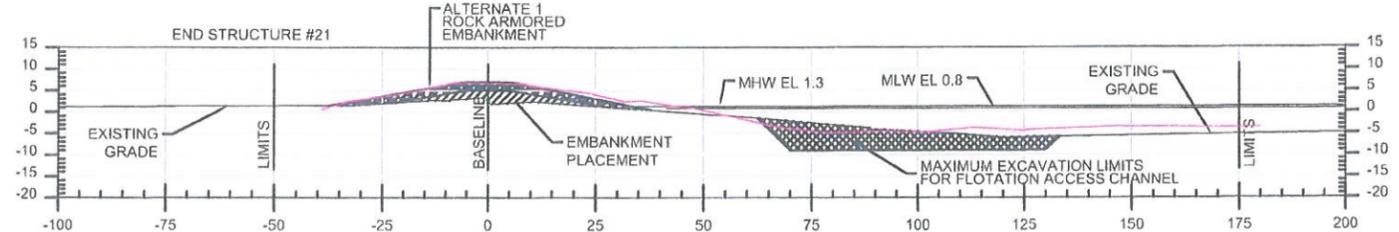
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212+00
AS-BUILT STA. 211+47



Segment 3
207+00
AS-BUILT STA. 205+43

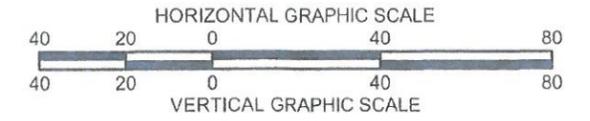
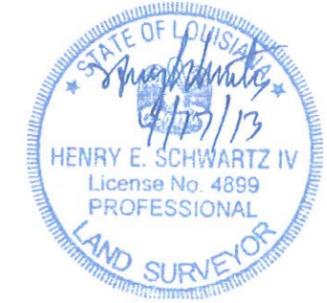


Segment 3
202+00
AS-BUILT STA. 200+00

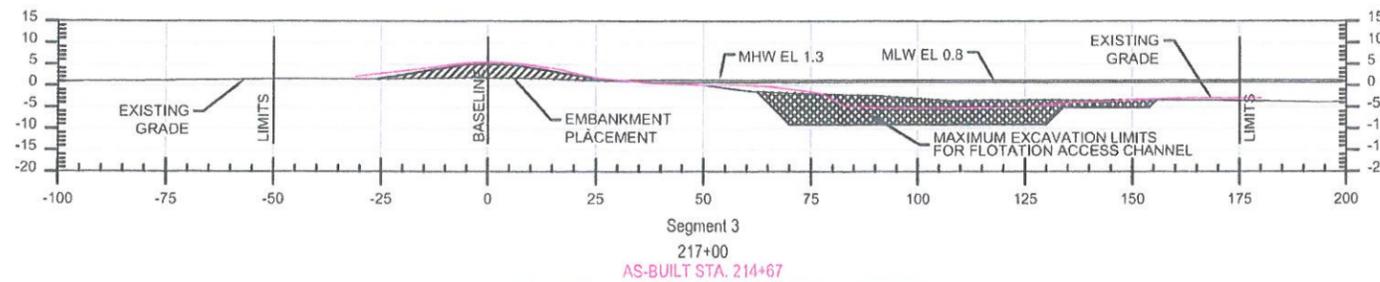
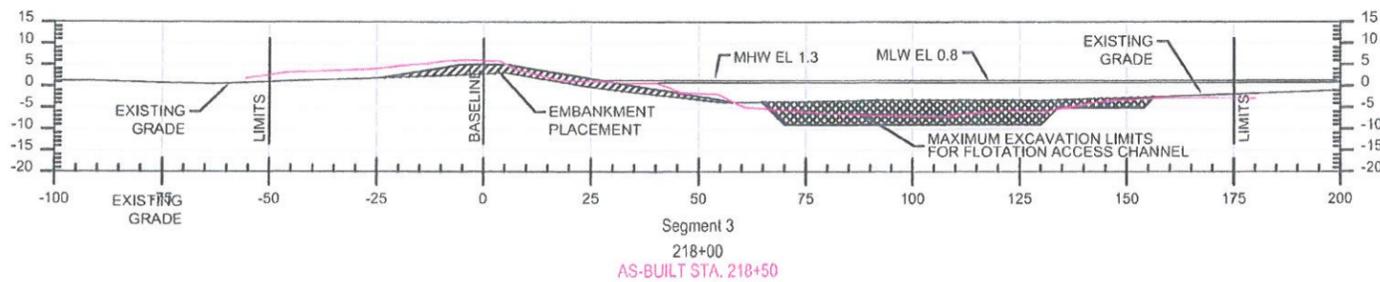
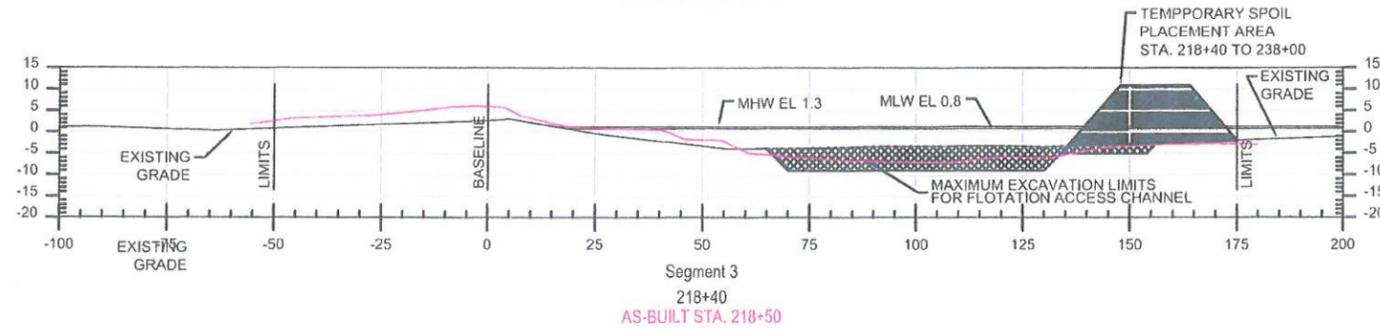
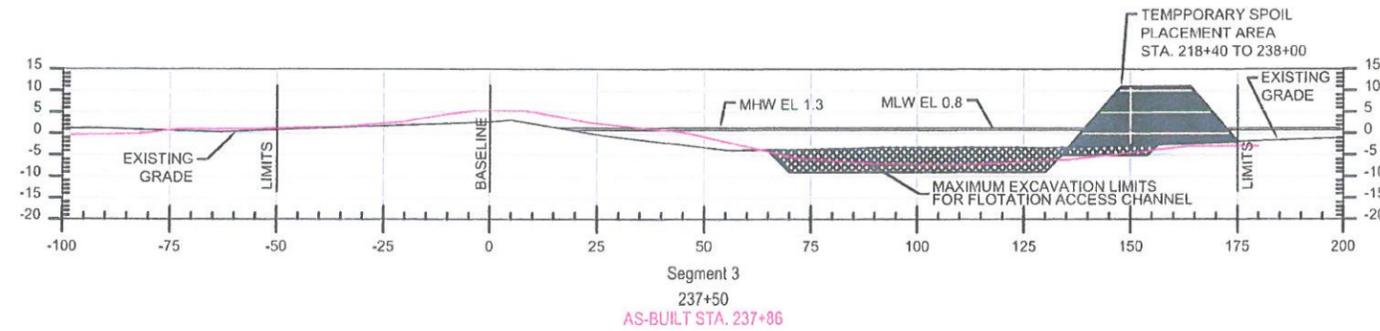


Segment 3
197+35
AS-BUILT STA. 197+45

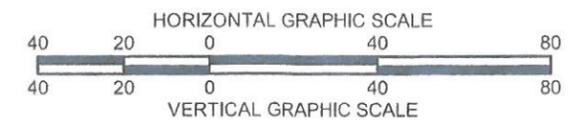
AS-BUILT



				OFFICE OF COASTAL PROTECTION & RESTORATION ENGINEERING BRANCH 450 LAUREL STREET BATON ROUGE, LOUISIANA 70804		BRADY CANAL HYDROLOGIC RESTORATION 2012 MAINTENANCE PROJECT		CROSS SECTIONS JUG LAKE SEGMENT NO. 3			
						3850 N. CAUSEWAY BLVD, SUITE 1600 METAIRIE, LOUISIANA 70002 T. 504.832.4174 F. 504.832.2145		STATE PROJECT NUMBER: TE-28 FEDERAL PROJECT NUMBER: TE-28		DATE: APRIL 16, 2012	
REV.	DATE	DESCRIPTION	BY	DRAWN BY: MQJ		DESIGNED BY: DLF		APPROVED BY: DE		SHEET 40 OF 48	



AS-BUILT



REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
METAIRIE, LOUISIANA 70002
T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET
BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ

DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28

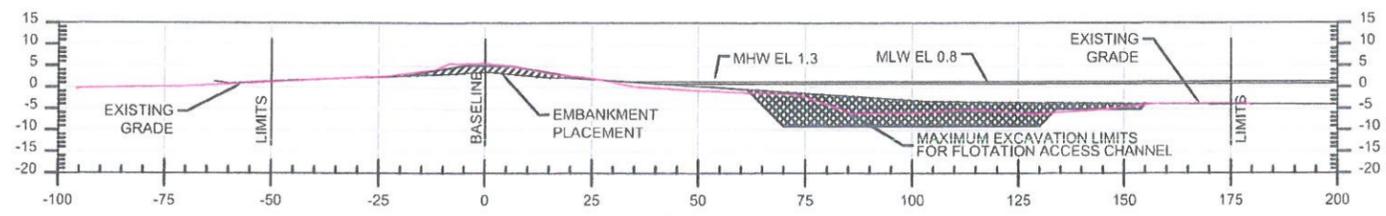
FEDERAL PROJECT NUMBER: TE-28

APPROVED BY: DE

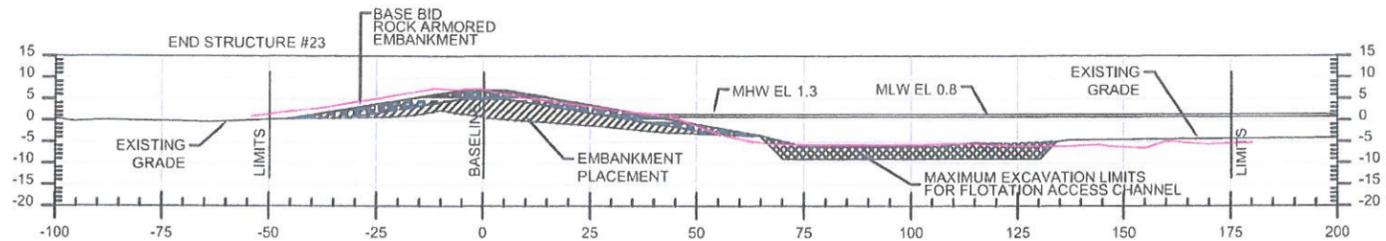
CROSS SECTIONS
JUG LAKE SEGMENT NO. 3

DATE: APRIL 16, 2012

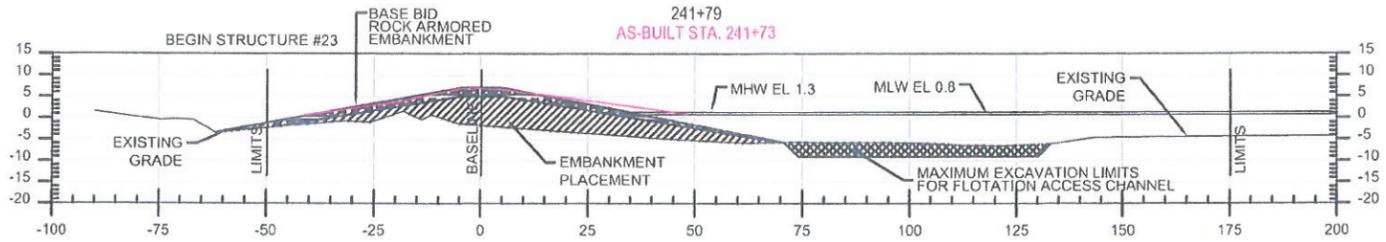
SHEET 41 OF 48



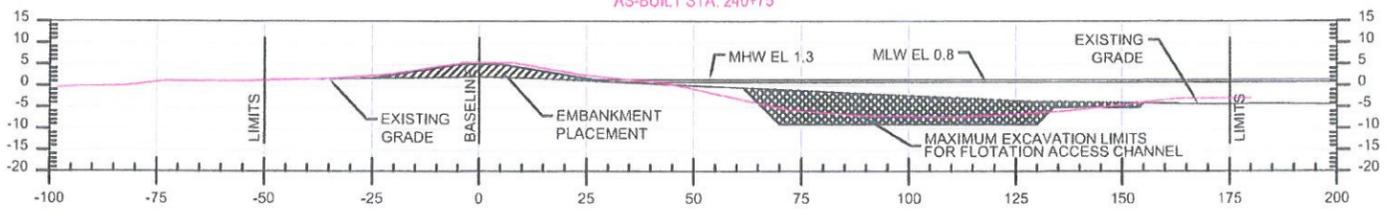
Segment 4
246+00
AS-BUILT STA. 245+99



Segment 4
241+79
AS-BUILT STA. 241+73



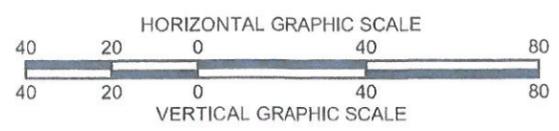
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240+84
AS-BUILT STA. 240+75



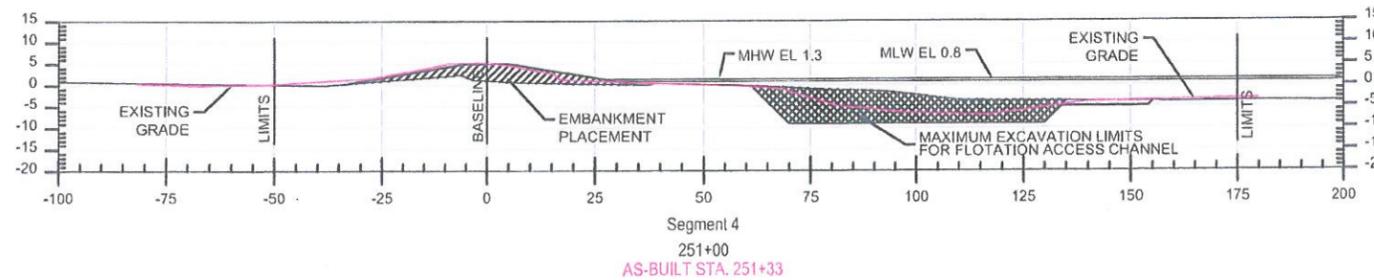
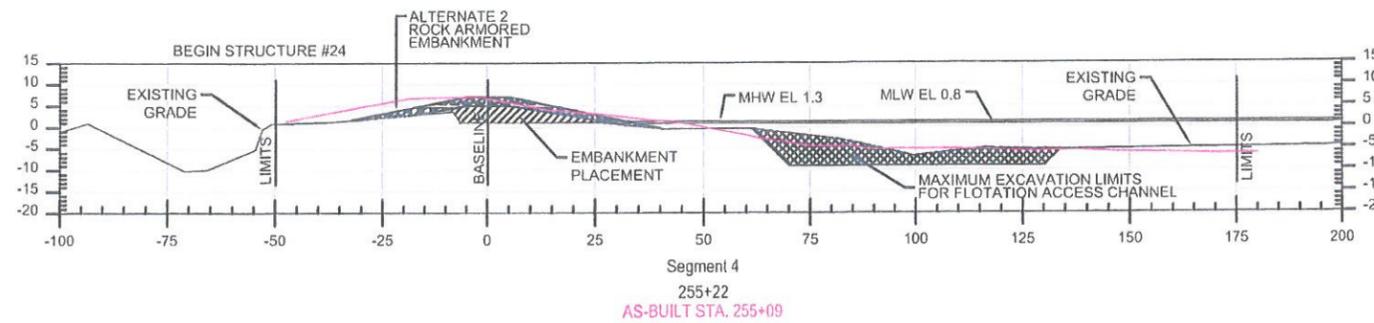
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238+00
AS-BUILT STA. 237+86



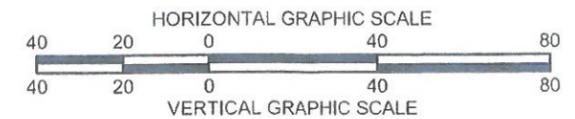
AS-BUILT



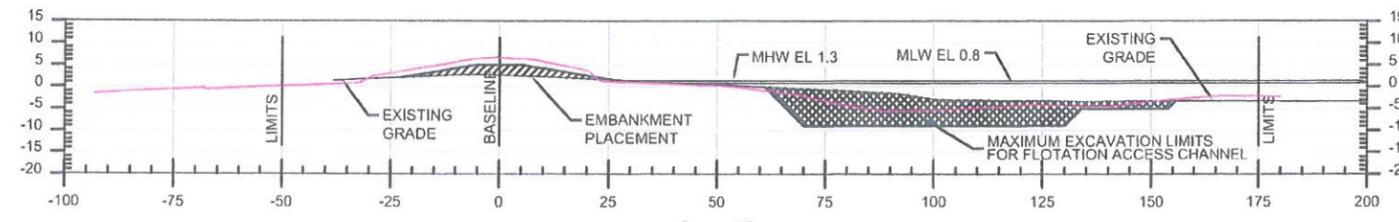
3850 N. CAUSEWAY BLVD, SUITE 1600 METAIRIE, LOUISIANA 70002 T. 504.832.4174 F. 504.832.2145			OFFICE OF COASTAL PROTECTION & RESTORATION ENGINEERING BRANCH 450 LAUREL STREET BATON ROUGE, LOUISIANA 70804		BRADY CANAL HYDROLOGIC RESTORATION 2012 MAINTENANCE PROJECT		CROSS SECTIONS JUG LAKE SEGMENT NO. 4	
					STATE PROJECT NUMBER: TE-28		DATE: APRIL 16, 2012	
FEDERAL PROJECT NUMBER: TE-28		APPROVED BY: DE		SHEET 42 OF 48				
REV.	DATE	DESCRIPTION	BY	DRAWN BY: MQJ	DESIGNED BY: DLF			



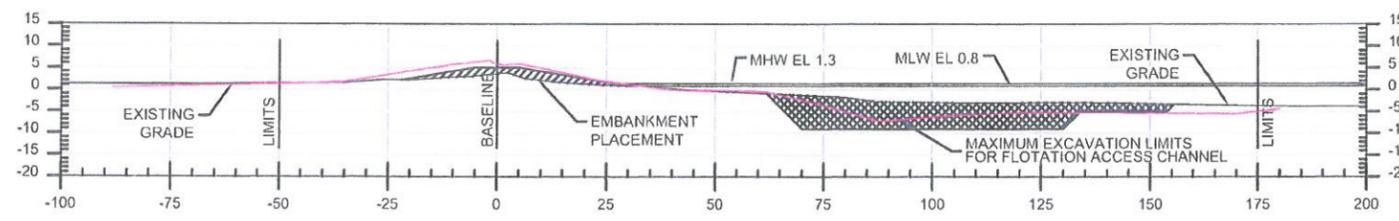
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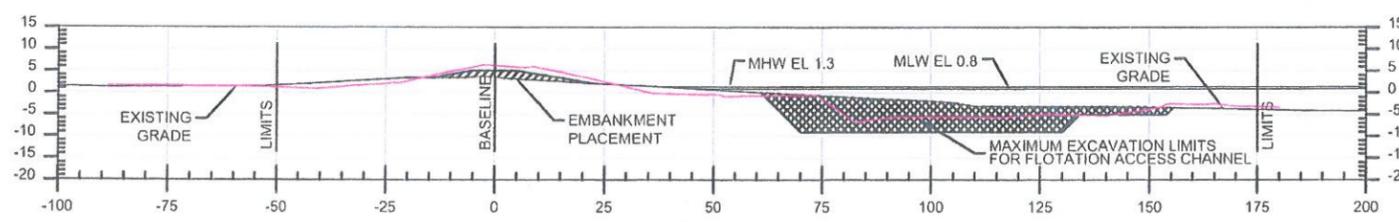
3850 N. CAUSEWAY BLVD, SUITE 1600 METAIRIE, LOUISIANA 70002 T. 504.832.4174 F. 504.832.2145				OFFICE OF COASTAL PROTECTION & RESTORATION ENGINEERING BRANCH 450 LAUREL STREET BATON ROUGE, LOUISIANA 70804		BRADY CANAL HYDROLOGIC RESTORATION 2012 MAINTENANCE PROJECT		CROSS SECTIONS JUG LAKE SEGMENT NO. 4	
						STATE PROJECT NUMBER: TF-28		DATE: APRIL 16, 2012	
REV. DATE		DESCRIPTION		BY		FEDERAL PROJECT NUMBER: TE-28		APPROVED BY: DE	
						DRAWN BY: MQJ		DESIGNED BY: DLF	
						APPROVED BY: DE		SHEET 43 OF 48	



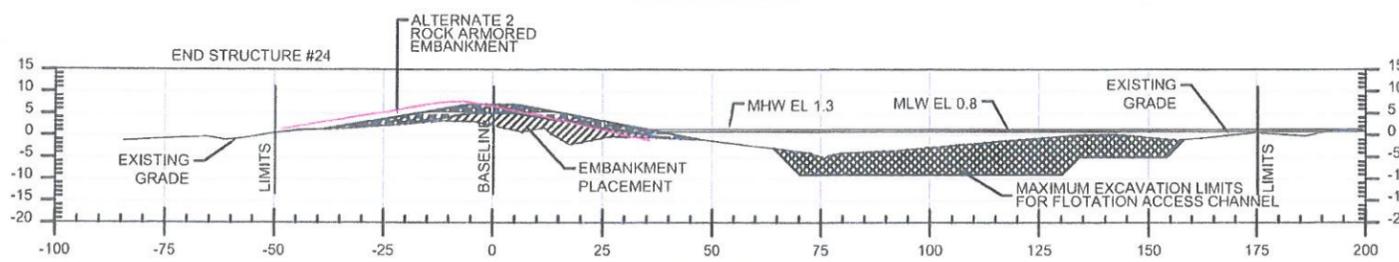
Segment 5
271+00
AS-BUILT STA. 270+23



Segment 5
266+00
AS-BUILT STA. 265+77

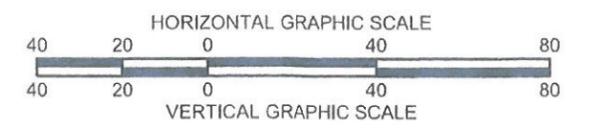


Segment 5
261+00
AS-BUILT STA. 261+24



Segment 5
256+44
AS-BUILT STA. 256+41

AS-BUILT



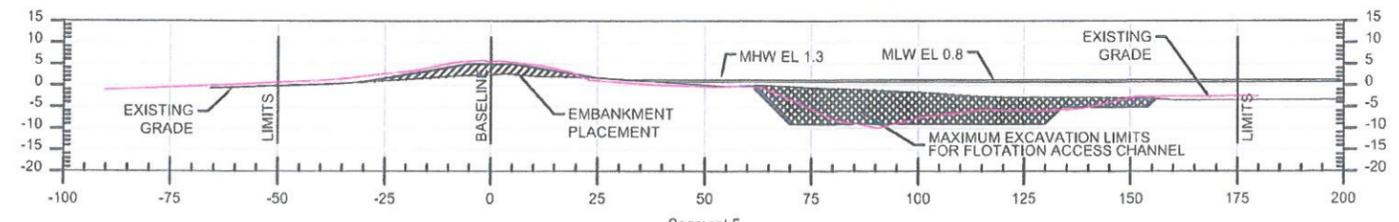
REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
METAIRIE, LOUISIANA 70002
T. 504.832.4174 | F. 504.832.2145

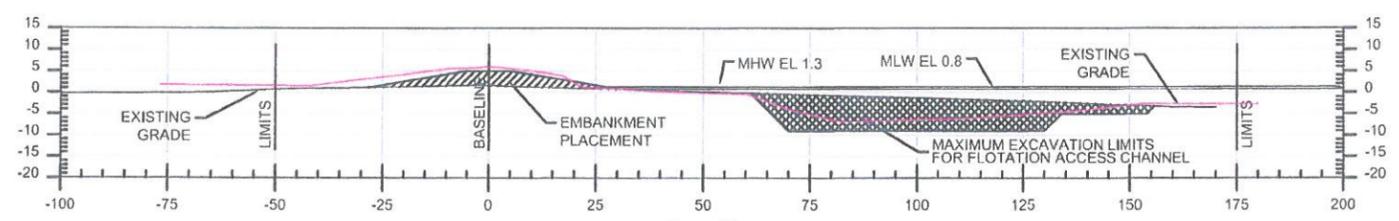
OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70804
DRAWN BY: MQJ DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT
STATE PROJECT NUMBER: TE-28
FEDERAL PROJECT NUMBER: TE-28
APPROVED BY: DE

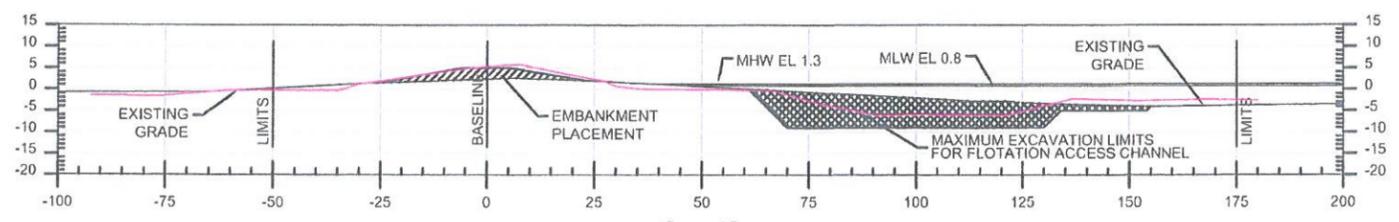
CROSS SECTIONS
JUG LAKE SEGMENT NO. 5
DATE: APRIL 16, 2012
SHEET 44 OF 48



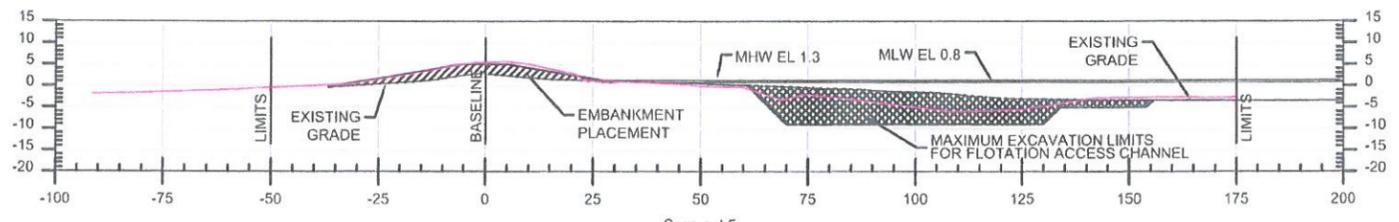
Segment 5
291+00
AS-BUILT STA. 290+39



Segment 5
286+00
AS-BUILT STA. 286+86

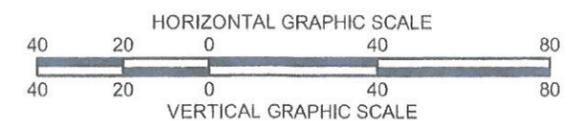


Segment 5
281+00
AS-BUILT STA. 279+82



Segment 5
276+00
AS-BUILT STA. 275+11

AS-BUILT



REV.	DATE	DESCRIPTION	BY

3850 N. CAUSEWAY BLVD, SUITE 1600
METAIRIE, LOUISIANA 70002
T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70804

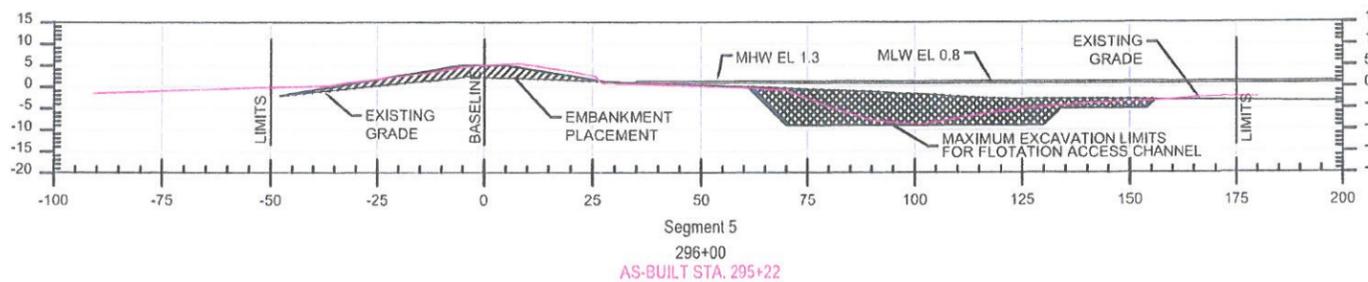
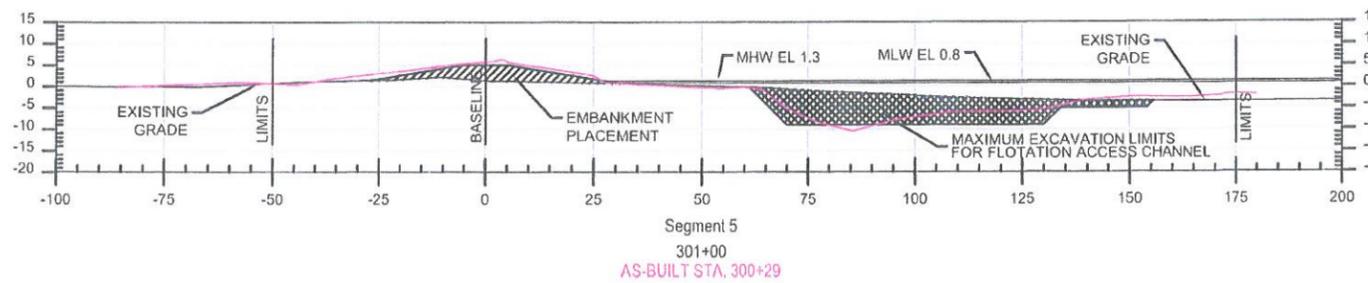
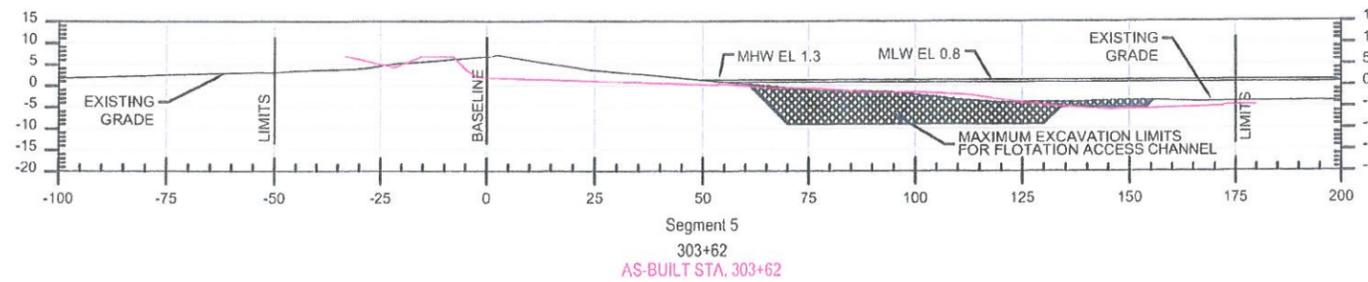
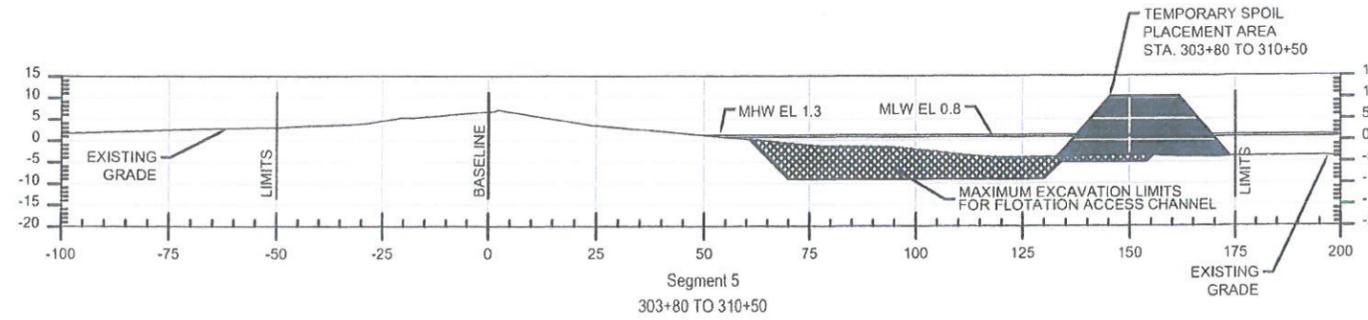
DRAWN BY: MQJ DESIGNED BY: DLF

BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT

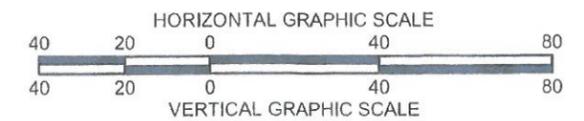
STATE PROJECT NUMBER: TE-28
FEDERAL PROJECT NUMBER: TE-28
APPROVED BY: DE

CROSS SECTIONS
JUG LAKE SEGMENT NO. 5

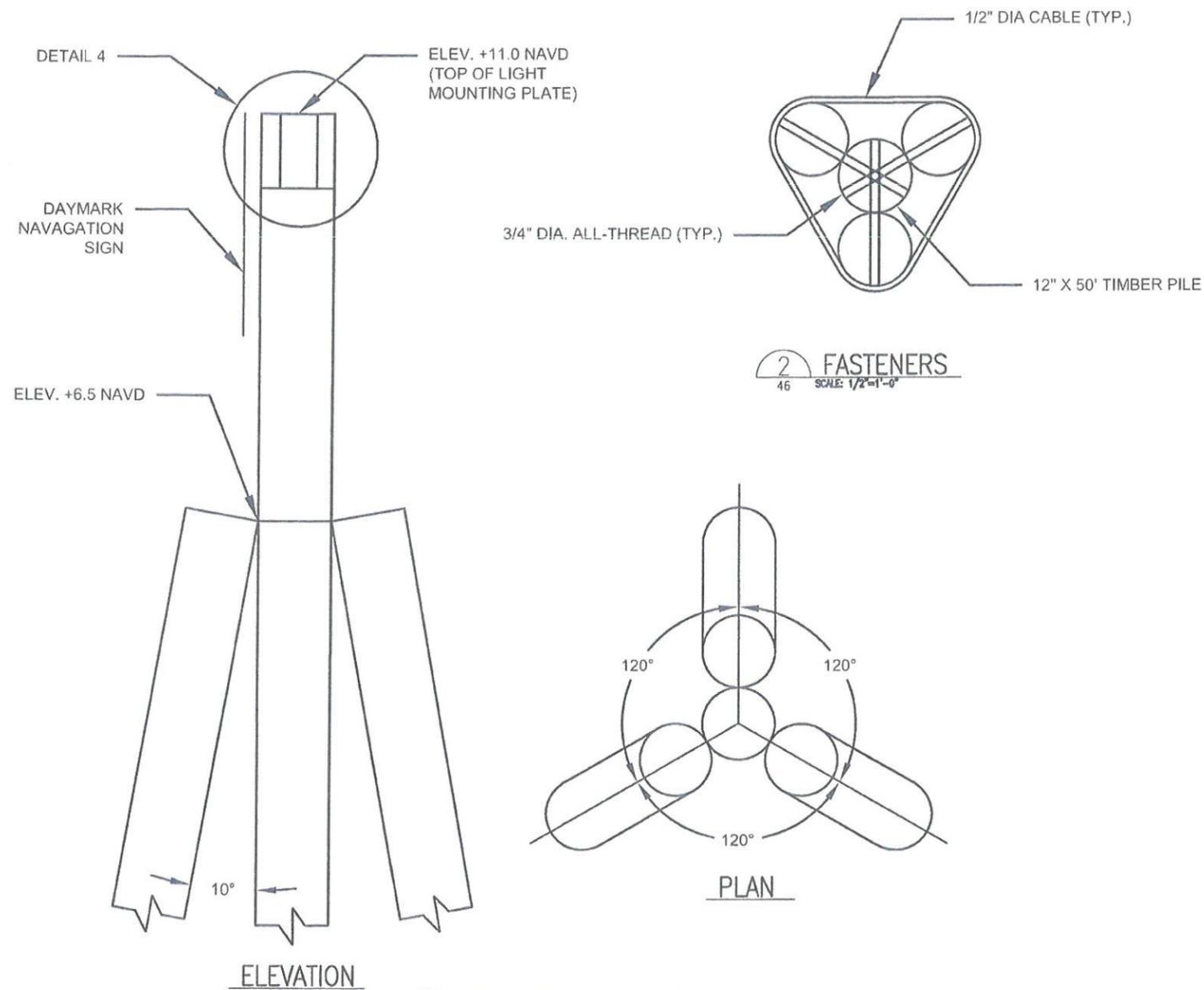
DATE: APRIL 16, 2012
SHEET 45 OF 48



AS-BUILT



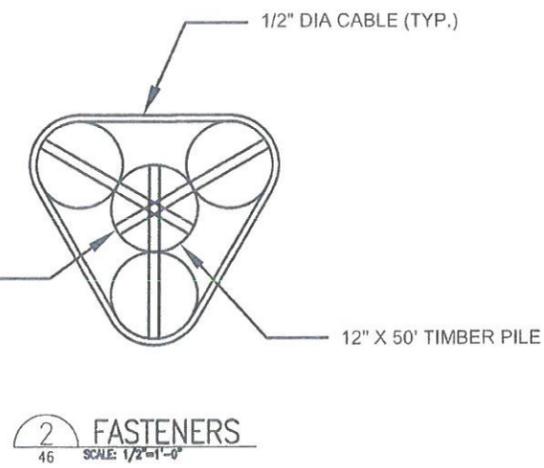
				OFFICE OF COASTAL PROTECTION & RESTORATION ENGINEERING BRANCH 450 LAUREL STREET BATON ROUGE, LOUISIANA 70804		BRADY CANAL HYDROLOGIC RESTORATION 2012 MAINTENANCE PROJECT		CROSS SECTIONS JUG LAKE SEGMENT NO. 5	
						STATE PROJECT NUMBER: TE-28		FEDERAL PROJECT NUMBER: TE-28	
				3850 N. CAUSEWAY BLVD, SUITE 1600 METAIRIE, LOUISIANA 70002 T. 504.832.4174 F. 504.832.2145		DRAWN BY: MQJ		DESIGNED BY: DLF	
						APPROVED BY: DE		SHEET 46 OF 48	
REV.	DATE	DESCRIPTION		BY					



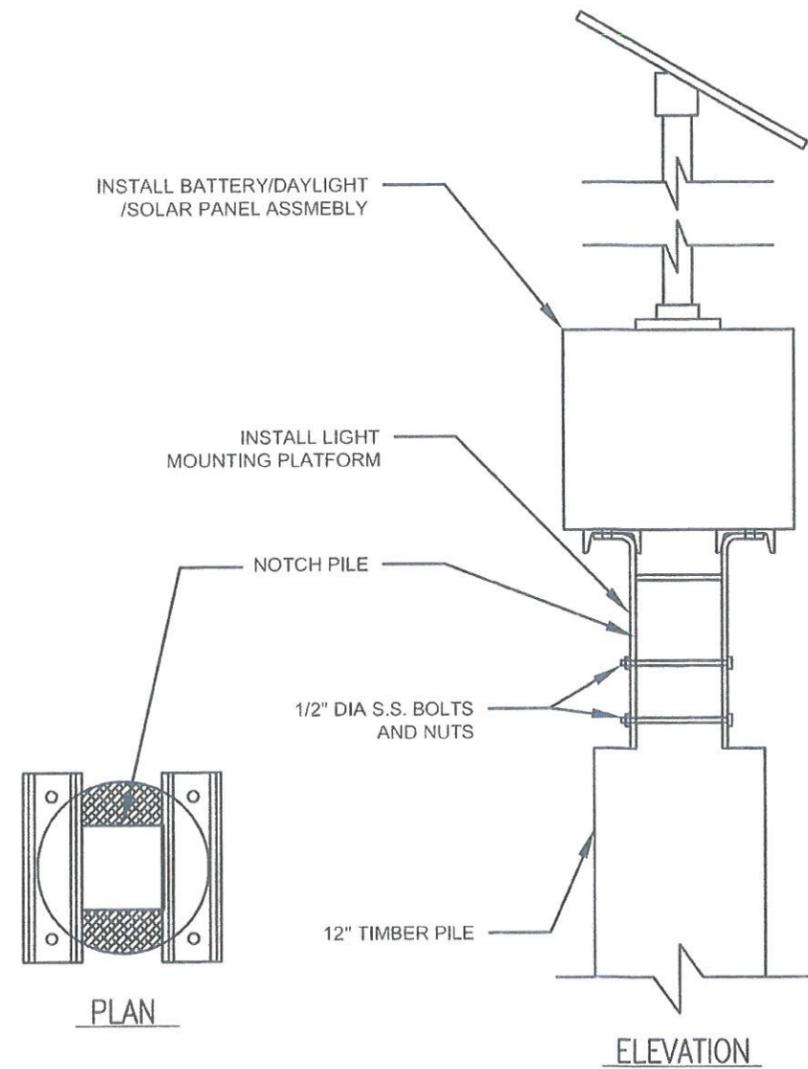
1 TIMBER PILE DOLPHIN
SCALE: 1/2"=1'-0"

NOTES:

1. ALL 3/4" DIAMETER ALL-THREAD TIE RODS (ASTM A-615, GRADE 60 GALVANIZED) SHALL BE SECURED BY NOTCHED IN PLACE OGEE WASHERS AND TACK WELDED NUTS.
2. 8 WRAPS OF 1/2" DIAMETER STAINLESS STEEL CABLE BETWEEN 3 3/4" DIAMETER ALL-THREAD TIE RODS.
3. THE 1/2" DIAMETER CABLE SHALL BE SECURED USING 3 STAINLESS STEEL CLAMPS.
4. THE 3/4" DIAMETER ALL-THREAD TIE RODS SHALL BE A MIN. OF 6" BELOW TOP OF BATTER PILES AND 3" VERTICAL CLEARANCE FROM ADJACENT TIE ROD.
5. TIMBER PILE FOR FOUR PILE NAVIGATION AID DOLPHIN SHALL BE 12" X 50'.
6. SIGN SHALL BE REINSTALLED ON NEW TIMBER PILE DOLPHIN WITH 3-5/8" X 8" STAINLESS STEEL LAG SCREWS WITH 1 3/8" O.D. S.S. WASHER.
7. DOLPHIN REPAIR WORK SHOULD BE INCLUDED AS PART OF BASE BID, ITEM NO. 2, DOLPHIN REPAIR.



2 FASTENERS
SCALE: 1/2"=1'-0"



PLAN

4 MOUNTING DETAILS-DAYLIGHT ASSEMBLY
SCALE: 1"=1'-0" (EXISTING MATERIALS AND EQUIPMENT TO BE FURNISHED)

AS-BUILT

REV.	DATE	DESCRIPTION	BY

ARCADIS_logo_WaterDivision.jpg

3850 N. CAUSEWAY BLVD, SUITE 1600
METAIRIE, LOUISIANA 70002
T. 504.832.4174 | F. 504.832.2145

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70804

DRAWN BY: MQJ DESIGNED BY: DLF

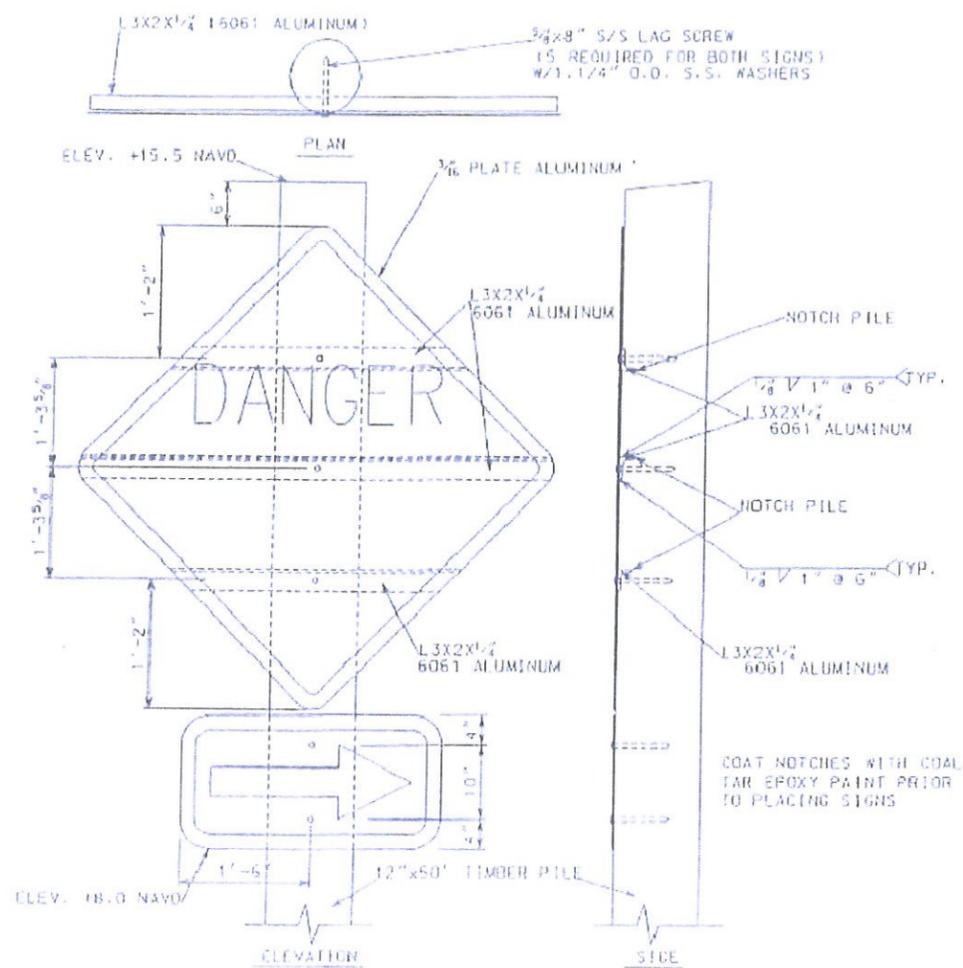
BRADY CANAL HYDROLOGIC RESTORATION
2012 MAINTENANCE PROJECT

STATE PROJECT NUMBER: TE-28
FEDERAL PROJECT NUMBER: TE-28

APPROVED BY: DE

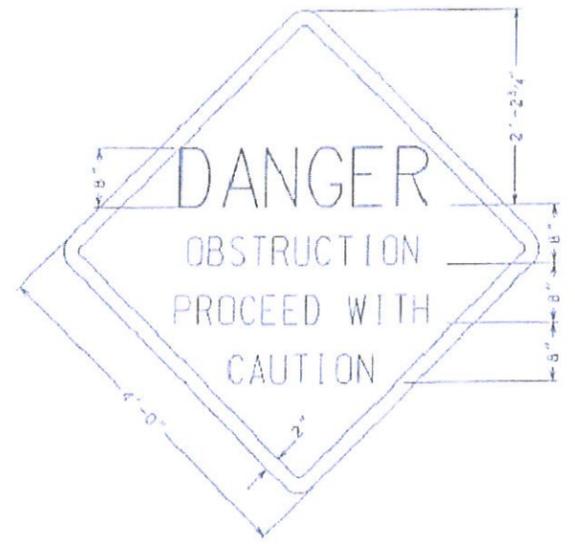
DETAILS

DATE: APRIL 16, 2012
SHEET 47 OF 48

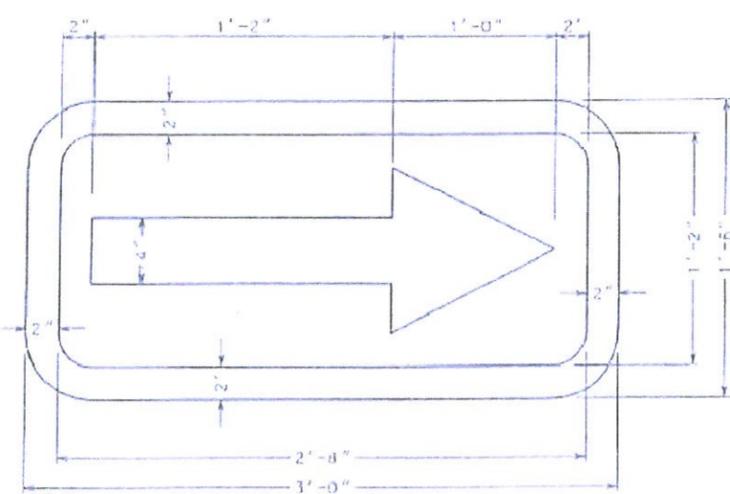


1 SIGN TYPE A - DETAILS

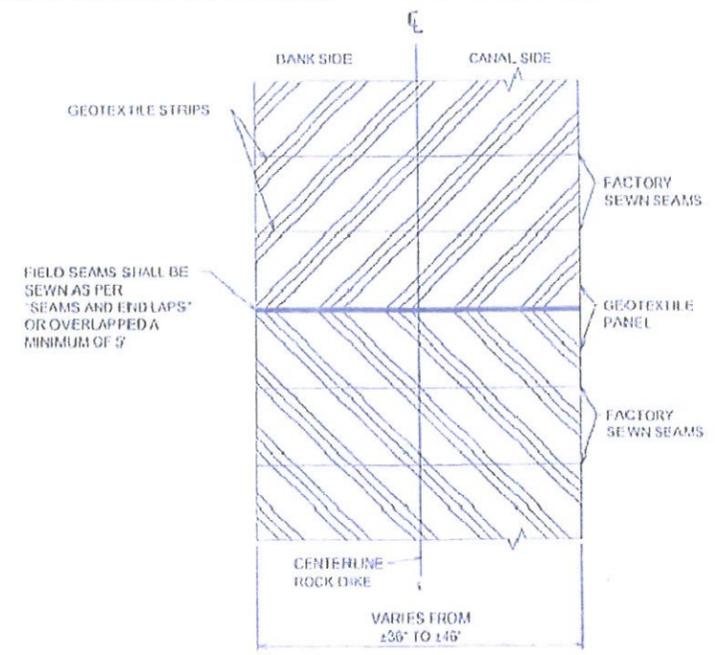
- NOTES:
1. SIGNS SHALL BE CONSTRUCTED USING 3/16" PLATE 6061 ALUMINUM.
 2. THE 2" BORDER SHALL BE A RETRO-REFLECTIVE MATERIAL OF ORANGE COLOR
 3. THE LETTERING AND ARROW FIELD SHALL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR
 4. THE LETTERING AND ARROWS FOR THE SIGNS SHALL BE BLACK.



2 WARNING SIGN DETAILS



3 DIRECTIONAL SIGN DETAILS



4 WOVEN GEOTEXTILE LAYOUT

- NOTES:
1. THE WOVEN GEOTEXTILE FABRIC SHALL OVERLAP ROCK DIKE EDGE BY A MINIMUM OF 3' ON EACH SIDE. ANY SEAM PARALLEL TO ROCK DIKE CENTERLINE SHALL BE SEWN. THE MINIMUM OVERLAP AT THE END OF GEOTEXTILE PANEL ENDS, PERPENDICULAR TO ROCK DIKE CENTERLINE, SHALL BE FIVE (5) FEET UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 2. THE GEOTEXTILE WIDTH SHOWN INCLUDES A 3' EXTENSION ON EACH SIDE OF THE ROCK DIKE. SEE "WOVEN GEOTEXTILE FABRIC" FOR ADDITIONAL REQUIREMENTS.

AS-BUILT

				ARCADIS_logo_WaterDivision.jpg	OFFICE OF COASTAL PROTECTION & RESTORATION ENGINEERING BRANCH 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801		BRADY CANAL HYDROLOGIC RESTORATION 2012 MAINTENANCE PROJECT		DETAILS		
				3850 N. CAUSEWAY BLVD, SUITE 1600 METAIRIE, LOUISIANA 70002 T. 504.832.4174 F. 504.832.2145	DRAWN BY: MQJ		DESIGNED BY: DLF		STATE PROJECT NUMBER: TE-28		
							FEDERAL PROJECT NUMBER: TE-28		DATE: APRIL 16, 2012		
							APPROVED BY: DE		SHEET 48 OF 48		
REV.	DATE	DESCRIPTION	BY								

ATTACHMENT “J”

Wage Determination

>

General Decision Number: LA120002 09/28/2012 LA2

Superseded General Decision Number: LA20100002

State: Louisiana

Construction Type: Heavy

Counties: Acadia, Ascension, Bossier, Caddo, Calcasieu, East Baton Rouge, Lafayette, Lafourche, Livingston, Ouachita, Rapides, St Landry, St Martin, Terrebonne, Webster and West Baton Rouge Counties in Louisiana.

HEAVY CONSTRUCTION PROJECTS (includes flood control, water & sewer lines, and water wells; excludes elevated storage tanks, industrial construction-chemical processing, power plants, and refineries)

Modification Number	Publication Date
0	01/06/2012
1	01/20/2012
2	06/01/2012
3	07/27/2012
4	09/28/2012

CARP0764-003 07/01/2006

BOSSIER, CADDO, OUACHITA, RAPIDES, AND WEBSTER PARISHES

	Rates	Fringes
CARPENTER (formbuilding/formsetting).....	\$ 17.25	5.02

 CARP1075-004 01/01/2011

CALCASIEU PARISH

	Rates	Fringes
CARPENTER (formbuilding/formsetting).....	\$ 20.21	5.00

 CARP1075-009 01/01/2011

ACADIA, LAFAYETTE, ST. LANDRY, AND ST. MARTIN PARISHES

	Rates	Fringes
CARPENTER (formbuilding/formsetting).....	\$ 19.30	5.00

 CARP1098-004 01/01/2010

ASCENSION, EAST BATON ROUGE, LIVINGSTON, AND WEST BATON ROUGE

PARISHES

	Rates	Fringes
CARPENTER (formbuilding/formsetting).....	\$ 24.25	7.29

CARP1846-008 07/01/2012

LAFOURCHE and TERREBONNE PARISHES

	Rates	Fringes
CARPENTER (formbuilding/formsetting).....	\$ 22.21	7.75

ELEC0130-009 06/01/2012

LAFOURCHE AND TERREBONNE PARISHES

	Rates	Fringes
ELECTRICIAN.....	\$ 27.85	9.22

* ELEC0194-007 09/03/2012

BOSSIER, CADDO, and WEBSTER PARISHES

	Rates	Fringes
ELECTRICIAN Lineman and Heavy Equipment Operator.....	\$ 25.25	9.56

ELEC0446-007 09/01/2011

OUACHITA PARISH

	Rates	Fringes
ELECTRICIAN.....	\$ 21.00	1%+9.02

ELEC0576-006 12/01/2011

RAPIDES PARISH

	Rates	Fringes
ELECTRICIAN.....	\$ 22.95	4.25%+5.55

ELEC0861-006 09/01/2011

ACADIA, CALCASIEU, LAFAYETTE, AND ST. MARTIN PARISHES

	Rates	Fringes
ELECTRICIAN.....	\$ 23.90	4%+9.69

ELEC0995-006 01/01/2012

ASCENSION, EAST BATON ROUGE, LIVINGSTON, ST. LANDRY, AND WEST
BATON ROUGE PARISHES

	Rates	Fringes
ELECTRICIAN.....	\$ 22.68	8.82

SULA2004-006 04/29/2004		
	Rates	Fringes
CARPENTER (all other work).....	\$ 12.81	0.00
Cement Mason/Concrete Finisher...	\$ 13.77	0.00
Laborers		
Common.....	\$ 8.20	0.00
Pipelayer.....	\$ 9.45	0.00
Power Equipment Operators		
Backhoe/Excavator.....	\$ 13.01	0.00
Bulldozer.....	\$ 13.83	0.00
Crane.....	\$ 16.62	3.28
Dragline.....	\$ 15.16	0.00
Front End Loader.....	\$ 11.50	0.00
Motor Grader/Blade.....	\$ 11.75	0.00
Oiler.....	\$ 8.59	2.50
Trackhoe.....	\$ 12.64	0.00
Water Well Driller.....	\$ 11.91	2.44
Winch.....	\$ 11.38	0.00
Truck Driver, Dump.....	\$ 10.25	0.00

10.98
11.09

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

=====

Unlisted classifications needed for work not included within
the scope of the classifications listed may be added after
award only as provided in the labor standards contract clauses
(29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification
and wage rates that have been found to be prevailing for the
cited type(s) of construction in the area covered by the wage
determination. The classifications are listed in alphabetical
order of "identifiers" that indicate whether the particular
rate is union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters, PLUM, indicate the international union and the four-digit number, 0198, that follows indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rate.

0000/9999: weighted union wage rates will be published annually each January.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.)

and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====

END OF GENERAL DECISION



P.O. BOX 309 • BOURG, LOUISIANA 70343 • TELEPHONE & FAX 985/872-9405

April 23, 2013

Providence/GSE
991 Grand Caillou Road
Houma, LA 70363

Reference: Brady Canal Hydrologic Restoration Project (TE-28)
File No. T 28354 DL
Purchase Order Number 3854789

Attn: Mr Melanie B Caillouet, PE

Dear Madam,

We are in receipt of your letter of April 22, 2013 concerning pay roll requirements.

For concern 1, we have the following comments. Mr. Aaron Mayeux was the project superintendent and was on the project every day until he left our employment on February 15, 2013. He is paid a monthly salary and will not show on any payrolls for mechanics and laborers. The superintendent, quality control personnel and survey personnel are considered to be professional occupation and mechanics or laborers as defined under the Davis Bacon. On the days in questions we do not show Southern Delta operating any equipment, or placing any fabric or rip rap. If he did do any of this work it was less than 20% of his total time.

For concern 2, we are attaching a new authorized deduction form for Mr. Fred Rodriguez, Jr. This extra deduction was to catch up a week when he did not work.

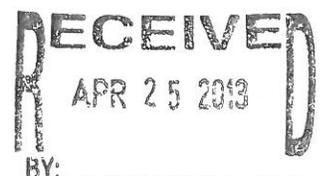
For concern 3, Mr Brian Hebert was the Frogco Amphibious boat operator but was also the subcontractors on site supervisor. He is paid a salary and if he did help out with any work it was well below 20% of the time.

As such neither of these gentlemen were required to be placed on the payroll.

If you have any questions we can be reached at 985-209-9884.



SKILL • RESPONSIBILITY • INTEGRITY



Regards,
Southern Delta Construction, LLC

A handwritten signature in black ink, appearing to read "Michael Mayeux". The signature is fluid and cursive, with a long, sweeping underline that extends to the right.

Michael Mayeux
Vice President

Record of Employee Interview

U.S. Department of Housing and Urban Development
Office of Labor Relations

OMB Approval No. 2501-
(exp. 10/31/12)

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This agency may not collect this information, and you are not required to provide this information, unless it displays a currently valid OMB control number. The information is collected to ensure compliance with the Federal labor standards by recording interviews with construction workers. The information collected will assist HUD in the conduct of compliance monitoring; the information will be used to test the veracity of certified payroll reports submitted by the employer. **Sensitive Information.** The information collected on this form is considered sensitive and is protected by the Privacy Act. The Privacy Act requires that records be maintained with appropriate administrative, technical, and physical safeguards to ensure their security and confidentiality. In addition, these records should be protected against any anticipated threats or hazards to their security or integrity that could result in substantial harm, embarrassment, inconvenience, or unfairness to any individual on whom this information is maintained. The information collected herein is voluntary, and any information provided shall be kept confidential.

1a. Project Name <i>Brady Hydr. Restoration Project</i>			2a. Employee Name <i>RILEY, Gregory D.</i>		
1b. Project Number <i>TE 2B</i>			2b. Employee Phone Number (including area code) <i>985-335-6708215</i>		
1c. Contractor or Subcontractor (Employer) <i>Southern Delta Construction</i>			2c. Employee Home Address & Zip Code <i>52553 Thigpen Rd. Franklinton, LA, 70438</i>		
3a. How long on this job? <i>1-15-13 1-12-13</i>			3b. Last date on this job before today? <i>1-13-13 3-13-13</i>		3c. No. of hours last day on this job? <i>10 10</i>
4a. Hourly rate of pay? <i>20.25 \$20.49</i>		4b. Fringe Benefits? Vacation Yes <input type="checkbox"/> No <input type="checkbox"/> Medical Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Pension Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		4c. Pay stub? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
5. Your job classification(s) (list all) --- continue on a separate sheet if necessary					

6. Your duties
Excavation Operator ✓

Tools or equipment used
336 DL CAT Excavator

8. Are you an apprentice or trainee? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
9. Are you paid for all hours worked? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	11. Have you ever been threatened or coerced into giving up any part of your pay? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N

12a. Employee Signature <i>Gregory D. Riley</i>	12b. Date <i>3/13/13</i>
--	-----------------------------

13. Duties observed by the Interviewer (Please be specific.)

14. Remarks

15a. Interviewer name (please print) <i>Jimmy Theriot</i>	15b. Signature of Interviewer <i>Jimmy Theriot</i>	15c. Date of interview <i>3/14/13</i>
--	---	--

16. Remarks
Payroll shows he is paid \$0.20 more than he stated. Last day on job was day before (most likely typo by interviewer)

17a. Signature of Payroll Examiner <i>Melanie B Caillat</i>	17b. Date <i>4-22-13</i>
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Record of Employee Interview

U.S. Department of Housing and Urban Development Office of Labor Relations

OMB Approval No. 2501-
(exp. 10/31/12)

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1a. Project Name Brady Canal Restoration Project			2a. Employee Name Tray Lindsey		
1b. Project Number TE-28			2b. Employee Phone Number (including area code) 601-415-2590		
1c. Contractor or Subcontractor (Employer) Southern Delta Construction			2c. Employee Home Address & Zip Code Hwy 27 Vidalia MS 39180		
			2d. Verification of identification? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
3a. How long on this job? 3-13-13 First Day	3b. Last date on this job before today? 3/13/13	3c. No. of hours last day on this job? 10	4a. Hourly rate of pay? \$22.85	4b. Fringe Benefits?	
			Vacation Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		4c. Pay stub? Yes <input type="checkbox"/> No <input type="checkbox"/>
			Medical Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
			Pension Yes <input type="checkbox"/> No <input type="checkbox"/>		

5. Your job classification(s) (list all) --- continue on a separate sheet if necessary
Laborer

6. Your duties

Tools or equipment used

8. Are you an apprentice or trainee? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week? <input type="checkbox"/> Y <input type="checkbox"/> N
9. Are you paid for all hours worked? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	11. Have you ever been threatened or coerced into giving up any part of your pay? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N

12a. Employee Signature Tray Lindsey	12b. Date 3-13-13
--	-----------------------------

13. Duties observed by the interviewer (Please be specific.)
General Labor (Place fabric & clean work zone)

14. Remarks

15a. Interviewer name (please print) Jimmy Theriot	15b. Signature of Interviewer Jimmy Theriot	15c. Date of interview 3/14/13
--	---	--

Payroll Examination

16. Remarks
Everything checks out

17a. Signature of Payroll Examiner Melanie B Carleton	17b. Date 4-22-13
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Record of Employee Interview

U.S. Department of Housing and Urban Development
Office of Labor Relations

OMB Approval No. 2501-
(exp. 10/31/2)

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data source gathering and maintaining the data needed, and completing and reviewing the collection of information. This agency may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number. The information is collected to ensure compliance with the Federal labor standards by recording interviews with construction workers. The information collected will assist HUD in the conduct of compliance monitoring; the information will be used to test the veracity of certified payroll reports submitted by the employer. **Sensitive Information.** The information collected on this form is considered sensitive and is protected by the Privacy Act. The Privacy Act requires that records be maintained with appropriate administrative, technical, and physical safeguards to ensure their security and integrity that could result in substantial harm, embarrassment, inconvenience, or unfairness to any individual on whom the information is maintained. The information collected herein is voluntary, and any information provided shall be kept confidential.

1a. Project Name Brady Canal Hydr. Restoration Project			2a. Employee Name Rodney D Howell		
1b. Project Number TE-28			2b. Employee Phone Number (including area code) 601-638-2140		
1c. Contractor or Subcontractor (Employer) Southern Delta Construction			2c. Employee Home Address & Zip Code 4619 Naylor Rd Vicksburg MS 39180		
			2d. Verification of identification? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
3a. How long on this job? 3-13-13	3b. Last date on this job before today? 3/13/13	3c. No. of hours last day on this job? 10	4a. Hourly rate of pay? \$20.75	4b. Fringe Benefits?	
			Vacation Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		4c. Pay stub? Yes <input type="checkbox"/> No <input type="checkbox"/>
			Medical Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
			Pension Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
5. Your job classification(s) (list all) --- continue on a separate sheet if necessary Operator laborer					

6. Your duties
Operate equipment

Tools or equipment used
Heavy Equipment

8. Are you an apprentice or trainee? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N
9. Are you paid for all hours worked? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	11. Have you ever been threatened or coerced into giving up any part of your pay? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N

12a. Employee Signature Rodney D Howell	12b. Date 3-13-13
---	-----------------------------

13. Duties observed by the interviewer (Please be specific.)
General labor (Place fabric + clean work zone) laborer

14. Remarks

15a. Interviewer name (please print) Jimmy Theriot	15b. Signature of Interviewer <i>[Signature]</i>	15c. Date of interview 3/14/13
--	---	--

Payroll Examination

16. Remarks
Although the employee stated he was an operator. He was observed doing laborer duties which is his classification on the payroll.

17a. Signature of Payroll Examiner Melanie B Caillaud	17b. Date 4-22-13
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Record of Employee Interview

U.S. Department of Housing and Urban Development Office of Labor Relations

OMB Approval No. 2501-1
(exp. 10/31/12)

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data source gathering and maintaining the data needed, and completing and reviewing the collection of information. This agency may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number. The information is collected to ensure compliance with the Federal labor standards by recording interviews with construction workers. The information collected will assist HUD in the conduct of compliance monitoring; the information will be used to test the veracity of certified payroll reports submitted by the employer. **Sensitive Information.** The information collected on this form is considered sensitive and is protected by the Privacy Act. The Privacy Act requires that records be maintained with appropriate administrative, technical, and physical safeguards to ensure their security and confidentiality. In addition, these records should be protected against any anticipated threats or hazards to their security or integrity that could result in substantial harm, embarrassment, inconvenience, or unfairness to any individual on whom the information is maintained. **The information collected herein is voluntary, and any information provided shall be kept confidential.**

1a. Project Name Brady Canal Restoration Project			2a. Employee Name Tyran Holmes		
1b. Project Number TE-28			2b. Employee Phone Number (including area code) 985-791-4651		
1c. Contractor or Subcontractor (Employer) Southern Delta Construction			2c. Employee Home Address & Zip Code 121 Sheila Ct Gray LA 70359		
3a. How long on this job? 10/29/12 <i>First day on this job 10/23</i>			3b. Last date on this job before today? 3-13-13		3c. No. of hours last day on this job? 10
4a. Hourly rate of pay? \$17.50 17.20 + \$60.00/Day			4b. Fringe Benefits? Vacation Yes <input type="checkbox"/> No <input type="checkbox"/> Medical Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Pension Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		4c. Pay stub? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

5. Your job classification(s) (list all) --- continue on a separate sheet if necessary

Laborer oiler

6. Your duties

Labor

Tools or equipment used

N/A

8. Are you an apprentice or trainee? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
9. Are you paid for all hours worked? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	11. Have you ever been threatened or coerced into giving up any part of your pay? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N

12a. Employee Signature

Tyran Holmes

12b. Date

3-13-13

13. Duties observed by the Interviewer (Please be specific.)

General labor (Place fabric & clean work zone)

14. Remarks

15a. Interviewer name (please print)

Jimmy Theriot

15b. Signature of Interviewer

Jimmy Theriot

15c. Date of interview

3/14/13

Payroll Examination

16. Remarks

Pay rate doesn't match payroll.

17a. Signature of Payroll Examiner

Melanie B Caillaud

17b. Date

4-22-13

Previous editions are obsolete

Record of Employee Interview

U.S. Department of Housing and Urban Development
Office of Labor Relations

OMB Approval No. 2501
(exp. 10/31)

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1a. Project Name Brady Canal Restoration Project			2a. Employee Name FRED RODRIGUEZ		
1b. Project Number DNR Contract # 2503-12-23			2b. Employee Phone Number (including area code) 985-209-4809		
1c. Contractor or Subcontractor (Employer) FROGCO			2c. Employee Home Address & Zip Code 2203 BRADY Rd Theriot LA. 7039		
3a. How long on this job? 108 Days			3b. Last date on this job before today? 2-4-13		2d. Verification of identification? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
3c. No. of hours last day on this job? 10		4a. Hourly rate of pay? 23.00		4b. Fringe Benefits?	
				Vacation Yes <input type="checkbox"/> No <input type="checkbox"/> Medical Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Pension Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
5. Your job classification(s) (list all) --- continue on a separate sheet if necessary JURYPAN OPERATOR ESTIMATOR					

6. Your duties
MARSH HOE OPERATOR

Tools or equipment used
CAT 330 DL MARSH HOE CLEAN OUT BUCKET

8. Are you an apprentice or trainee? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N
9. Are you paid for all hours worked? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	11. Have you ever been threatened or coerced into giving up any part of your pay? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N

12a. Employee Signature
[Signature]

12b. Date
1-5-13

13. Duties observed by the interviewer (Please be specific.)
Operate Equipment (Marsh buggy)

14. Remarks

15a. Interviewer name (please print)
Jimmy Theriot

15b. Signature of Interviewer
[Signature]

15c. Date of interview
2-4-13

16. Remarks
He was paid for 15 hrs on 2-1-13, the last day before the interview.
He was paid for 12 hrs the day of the interview

17a. Signature of Payroll Examiner
Melanie B Caillaud

17b. Date
4-22-13

Record of Employee Interview

U.S. Department of Housing and Urban Development
Office of Labor Relations

OMB Approval No. 250
(exp. 10/31)

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This agency may not collect this information, and you are not required to furnish this information, unless it displays a currently valid OMB control number. The information is collected to ensure compliance with the Federal labor standards by recording interviews with construction workers. The information collected will assist HUD in the conduct of compliance monitoring; the information will be used to test the veracity of certified payroll reports submitted by the employer. **Sensitive Information.** The information collected on this form is considered sensitive and is protected by the Privacy Act. The Privacy Act requires that records be maintained with appropriate administrative, technical, and physical safeguards to ensure their security and confidentiality. In addition, these records should be protected against any anticipated threats or hazards to their security or integrity that could result in substantial harm, embarrassment, inconvenience, or unfairness to any individual on whom information is maintained. The information collected herein is voluntary, and any information provided shall be kept confidential.

1a. Project Name Brady Canal Hydro. Restoration Project			2a. Employee Name Brian Hebert		
1b. Project Number DNR Contract # 2503-12-23			2b. Employee Phone Number (including area code) 985-951-3135		
1c. Contractor or Subcontractor (Employer) Frogco.			2c. Employee Home Address & Zip Code 1467 Bayou D'Arage Rd.		
3a. How long on this job? 107 DAYS			3b. Last date on this job before today? 2/2/13		3c. No. of hours last day on this job? 10
5. Your job classification(s) (list all) --- continue on a separate sheet if necessary Boat Driver			4a. Hourly rate of pay? PAID BY DAY. \$200.00		4b. Fringe Benefits? Vacation Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Medical Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Pension Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
					4c. Pay stub? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

6. Your duties
Drive Boat, AND ANY OTHERS DUTIES NECESSARY TO COMPLETE JOB

7. Tools or equipment used
Boat

8. Are you an apprentice or trainee? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N
9. Are you paid for all hours worked? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	11. Have you ever been threatened or coerced into giving up any part of your pay? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N

12a. Employee Signature
Brian Hebert

12b. Date
2/4/13

13. Duties observed by the Interviewer (Please be specific.)
Drive boat, assist the surveyor, help with Placement of fabric under Rocks

14. Remarks
Repair Equipment

15a. Interviewer name (please print) Jimmy Theriot	15b. Signature of Interviewer [Signature]	15c. Date of interview 2-4-13
--	---	---

16. Remarks
Not on payrolls.

17a. Signature of Payroll Examiner	17b. Date
------------------------------------	-----------

**DBA/DBRA
COMPLIANCE
PRINCIPLES**

LABORERS AND MECHANICS

SITE OF THE WORK

TRUCK DRIVERS

APPRENTICES AND TRAINEES

HELPERS

AREA PRACTICE

FRINGE BENEFITS

CWHSSA/OVERTIME PAY

DBA/DBRA

Coverage and Compliance Principles

This section provides basic information regarding major aspects of compliance with the Davis-Bacon labor standards and CWHSSA overtime requirements. It addresses frequently asked questions such as:

- ◇ Who are the “laborers and mechanics” to whom the Davis-Bacon prevailing wage requirements apply?
- ◇ What is the “site of the work” where workers are covered by Davis-Bacon wage requirements?
- ◇ How are truck drivers affected by the “site of the work” limit on Davis-Bacon coverage?
- ◇ When can apprentices or trainees work on a Davis-Bacon project at less than the wages listed in the Davis-Bacon wage determination?
- ◇ Can helper classifications be used on Davis-Bacon covered projects?
- ◇ What happens if there is a dispute over how a worker should be classified?
- ◇ Does the Davis-Bacon prevailing wage include fringe benefits?
- ◇ How can a contractor’s fringe benefits costs count towards Davis-Bacon prevailing wages?
- ◇ How do you compute overtime pay if CWHSSA applies to a Davis-Bacon job?

LABORERS AND MECHANICS

Definition 29 C.F.R. § 5.2(m).

- ◇ The term “**laborer and mechanic**” includes those workers whose duties are manual or physical in nature (including those workers who use tools or who are performing the work of a trade), as distinguished from mental or managerial duties.

The term includes:

- ◇◇ Apprentices
- ◇◇ Trainees
- ◇◇ Helpers

For overtime coverage under CWHSSA, also:

- ◇◇ Guards and watchmen

Note: Although guards and watchmen are not considered laborers or mechanics under DBA/DBRA, they are covered by CWHSSA by virtue of its express statutory language.

- ◇ The term laborer or mechanic does not include workers whose duties are primarily administrative, executive, or clerical, rather than manual.
- ◇ Categories of workers considered not to be laborers or mechanics when, in the course of their duties, they perform no manual or physical work on the construction project are:
 - ◇◇ Architects and engineers
 - ◇◇ Timekeepers
 - ◇◇ Inspectors

Coverage of laborers and mechanics

- ◇ The DBA requires the payment of the applicable prevailing wage rates to all laborers and mechanics “regardless of any contractual relationship which may be alleged to exist.”

- ◇ Non-exempt working foremen who devote more than 20 percent of their time during a workweek to mechanic or laborer duties, and who do not meet the exemption criteria of 29 C.F.R. Part 541, are laborers and mechanics for the time so spent. The working foreman is due the rate listed in the contract wage determination for the hours spent as a laborer or mechanic.
- ◇ Persons employed in a bona fide executive, administrative, or professional capacity as defined in 29 C.F.R. Part 541 are not deemed to be laborers or mechanics.
- ◇ In considering whether a business owner is an exempt, *see* 29 C.F.R. Part 541, Subparts B and H, along with 29 C.F.R. § 5.2(m).

SITE OF THE WORK

Definition 29 C.F.R. § 5.2(l).

- ◇ **5.2(l)(1)** – “Site of the work” is the physical place or places where the building or work called for in the contract will remain, and any other site where a significant portion of the building or work is constructed, provided that such site is established specifically for the performance of the contract or project.

For example:

- ◇◇ If a small office building is being erected, the “site of work” will normally include no more than the building itself and its grounds.
- ◇◇ In the case of larger contracts, such as for airports, highways, or dams, the “site of work” is necessarily more extensive and may include the whole area in which the construction activity will take place.
- ◇◇ Where a very large segment of the dam is constructed up-river and floated downstream to be affixed onto a support structure, the secondary construction site would be within the meaning of “site of the work” for Davis-Bacon purposes if it was established for and dedicated to the dam construction project.
- ◇ **5.2(l)(2)** - Except as provided in paragraph 5.2(l)(3), batch plants, borrow pits, job headquarters, tool yards, etc., are part of the “site”, provided they are dedicated exclusively, or nearly so, to the contract or project, and are adjacent or virtually adjacent to the site of the work as defined in paragraph 5.2(l)(1).
- ◇ **5.2(l)(3)** - Not included in the “site of work” are permanent home offices, branch plant establishments, fabrication plants, tool yards, etc., of a contractor or subcontractor whose location and continuance in operation are determined wholly without regard to a particular federal or federally assisted project.

Also excluded from the “site of work” are fabrication plants, batch plants, borrow pits, job headquarters, tool yards, etc., of a commercial or material supplier which are established by a supplier of materials for the project before opening of bids and not on the site of the work as stated in paragraph 5.2(l)(1), even where such operations for a period of time may be dedicated exclusively, or nearly so, to the performance of a contract.

Labor standards applicability regarding of “site of the work”

- ◇ DBA applies only to those laborers and mechanics employed by a contractor or subcontractor on the “site of the work”.

- ◇ In 2000, DOL revised the regulatory definitions of the terms “site of the work” and “construction, prosecution, completion, or repair” to clarify the regulatory requirements in to reflect three U.S. appellate court decisions concerning the statutory limit on DBA coverage to workers employed “directly upon the site of the work,” and to address situations that were not contemplated when the earlier regulations were promulgated.

For a full discussion of the revisions made to the regulatory definition of the “site of the work” in 2000, see the final rule published in the *Federal Register* on December 20, 2000, 65 Fed. Reg. 80,268-80,278. (See *Building and Construction Trades Department, AFL-CIO v. United States Department of Labor Wage Appeals Board*, 932 F.2d 985 (D.C. Cir 1991) (*Midway*), *Ball, Ball and Brosamer v. Reich* (D.C. Cir. 1994), and *Cavett Company v. U.S. Department of Labor* 101 F.3d 1111 (6th Cir. 1996). The revised regulations took effect on January 19, 2001. The December 20, 2000, final rule is available at: http://www.dol.gov/_sec/regs/fedreg/final/2000032436.pdf.

- ◇ Contracting agencies should consult the WHD when confronted with “site of work” issues.
- ◇ CWHSSA has no site of work limitation. An employee performing part of the contract work under a construction contract at the job site who then continues contract work at a shop or other facility located elsewhere is subject to CWHSSA overtime pay for all the hours worked at both locations and travel time between them. (Different wage rates might be paid, as the Davis-Bacon prevailing wage requirements would apply only to activities performed on “the site of the work”.)

TRUCK DRIVERS

Definition 29 C.F.R. § 5.2(j).

- ◇ The terms “**construction, prosecution, completion, or repair**” mean all types of work done on a particular building or work at the site (including work at a facility deemed part of the “site of the work”) by laborers and mechanics of a construction contractor or construction subcontractor including without limitation:
 - ◇◇ Altering, remodeling, installation (where appropriate) on the site of the work of items fabricated off-site.
 - ◇◇ Painting and decorating.
 - ◇◇ The manufacturing or furnishing of materials, articles, supplies or equipment on the site of the building or work.
 - ◇◇ Transportation between the “site of the work” (within the meaning of 29 C.F.R. § 5.2(l)) and a facility which is dedicated to the construction of the building or work and deemed a part of the “site of the work” (within the meaning of 29 C.F.R. § 5.2(l)).

Coverage of truck drivers

- ◇ Truck drivers **are covered** by Davis-Bacon in the following circumstances:
 - ◇◇ Drivers of a contractor or subcontractor for time spent working on the site of the work.
 - ◇◇ Drivers of a contractor or subcontractor for time spent loading and/or unloading materials and supplies on the site of the work, if such time is not *de minimis*.
 - ◇◇ Truck drivers transporting materials or supplies between a facility that is deemed part of the site of the work and the actual construction site.
 - ◇◇ Truck drivers transporting portion(s) of the building or work between a site established specifically for the performance of the contract or project where a significant portion of such building or work is constructed and the physical place(s) where the building or work called for in the contract(s) will remain.

- ◇ Truck drivers are **not covered** in the following instances:
 - ◇◇ Material delivery truck drivers while off “the site of the work”.
 - ◇◇ Drivers of a contractor or subcontractor traveling between a Davis-Bacon job and a commercial supply facility while they are off the “site of the work.”
 - ◇◇ Truck drivers whose time spent on the site of the work is *de minimis*, such as only a few minutes at a time merely to pick up or drop off materials or supplies.
- ◇ DOL has an **enforcement position** with respect to bona fide owner-operators of trucks who own and drive their own trucks. Certified payrolls including the names of such owner-operators do not need to show the hours worked or rates paid, only the notation “owner-operator”. This position does not apply to owner-operators of other equipment such as bulldozers, backhoes, cranes, welding machines, etc.
- ◇ Overtime pay requirements under CWHSSA apply to truck drivers regardless of whether the hours worked on the contract are on or off the site of the work.

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Rulemaking background regarding material delivery truck drivers

- ◇ Three U.S. appellate court decisions in the 1990’s led DOL to reexamine and revise the regulatory definition of “construction, prosecution, completion, or repair” as it applies to transportation. In view of three appellate court decisions that had concluded that DOL’s application of the related regulatory definitions was at odds with the language of the Davis-Bacon Act that limits coverage to workers employed “directly upon the site of the work,” revisions to the regulatory definitions were issued in 2000 to clarify the regulatory requirements.
- ◇ The rulemaking in 2000 addressed the application of Davis-Bacon prevailing wage requirements to material delivery truck drivers.
 - ◇◇ The regulatory definition of “construction, ... ” has been changed to provide that the off-site transportation of materials supplies, tools, etc., is not covered unless such transportation occurs between the construction work site and a dedicated facility located “adjacent or virtually adjacent” to the work site.
 - ◇◇ Also, as indicated in the rulemaking, as a practical matter, since generally the great bulk of the time spent by material delivery truck drivers is off-site beyond the scope of Davis-Bacon coverage, while the time spent on-site is relatively brief, DOL chooses to use a rule of reason and will not apply the Act’s prevailing wage requirements with respect to the amount of time

spent on-site, unless it is more than “*de minimis*.” Under this policy, the Department does not assert coverage for material delivery truck drivers who come onto the site of the work for only a few minutes at a time merely to drop off construction materials.

- ◇◇ For a full discussion of the regulatory changes, see the final rule published in the *Federal Register* on December 20, 2000, 65 Fed. Reg. 80,268-80,278. A section focused on “Coverage of Transportation – § 5.2(j)” appears on pages 80,275-6.) The December 20, 2000, final rule is available at:

www.dol.gov/_sec/regs/fedreg/final/2000032436.pdf.

APPRENTICES AND TRAINEES

Definition (29 C.F.R. § 5.2(j)).

- ◇ **Apprentices** are those persons employed and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration (ETA), Office of Apprenticeship (OA), or with a state apprenticeship agency recognized by ETA, or persons in the first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the BAT or a state apprenticeship agency (where appropriate) to be eligible for probationary employment as an apprentice.
- ◇ The **Step-Up** program is an apprenticeship program designed to enable low-income persons, particularly those living in HUD-assisted housing, to enter jobs and training in the construction and maintenance fields. This program combines formal apprenticeship with preparatory educational and life skills training, to encourage participants to gain the education, skills and work experience that they need to successfully enter and complete an apprenticeship (or to pursue other career training and employment). The program is called **Step-Up**. Apprentices enrolled in step-up programs must meet the same regulatory criteria as all other apprentices to receive less than the prevailing wage rate.
- ◇ **Trainees** are persons registered and receiving on-the-job training in a construction occupation under a program approved in advance by the U.S. Department of Labor, Employment and Training Administration, as meeting its standards for on-the-job training programs and which has been so certified by that administration.

Coverage of apprentices and trainees

- ◇ Apprentices and trainees are laborers and mechanics but are not listed on a wage determination. These classifications are permitted to work on DBA/DBRA covered projects only under very controlled circumstances, as follows.
- ◇ Apprentices and trainees may be used on DBA/DBRA covered projects and paid less than the specified journeyman rate for the work performed if:
 1. The apprentice or trainee is **individually registered** in an **approved** apprenticeship or training program.
 - ◇◇ The **apprenticeship program** has to be approved by the ETA/OA or by a state apprenticeship agency recognized by the ETA/OA.

- ◇◇ The registration requirements do not apply to apprentices and trainees performing on highway construction projects funded by the **Federal-Aid Highway Act** and enrolled in programs certified by the U.S. Department of Transportation.
- 2. The apprentices/trainees must be paid **the percentage (%) of the basic hourly rate required or fringe benefits specified in the approved apprenticeship program** and in accordance with their level of progression.
- 3. The contractor is limited in the number of apprentices/trainees permitted on the DBA/DBRA job site based on the **allowable ratio** of apprentices/trainees to journeymen specified in the approved program.
 - ◇◇ The ratio is determined on a daily, not weekly basis.
 - ◇◇ The use of “fraction thereof” in computing apprenticeship ratios is not permitted unless specified in the approved apprenticeship program.
- 4. **Fringe benefits** should be paid to apprentices/trainees in accordance with the provisions of the apprenticeship/trainee program. If the program is silent on the payment of fringes, the apprentices/trainees are to receive the full amount of the fringe benefits stipulated on the wage decision unless it is determined that a different practice prevails for the applicable apprentice/trainee classification.
- 5. When the contractor has exceeded the allowable ratio of apprentices/trainees, the legal apprentices/trainees are those who **first came to work** at the DBA/DBRA job site. Individuals who are employed in excess of the allowable ratio must be paid the full wage determination rate for the classification of work performed.

HELPERS

Definition 29 CRR 5.2(n)(4).

- ◇ A distinct classification of “helper” will be issued in Davis-Bacon wage determinations only where all of the following conditions are met:
 - ◇◇ The duties of the helper are clearly defined and distinct from those of any other classification on the wage determination;
 - ◇◇ The use of such helpers is an established prevailing practice in the area; and
 - ◇◇ The helper is not employed as a trainee in an informal training program.

A “helper” classification will be added to wage determinations pursuant to § 5.5(a)(1)(ii)(A) only where, in addition, the work to be performed by the helper is not performed by a classification in the wage determination.

Note: Helpers may be employed on a DBA/DBRA covered construction project only if the helper classification is listed in the Davis-Bacon wage determination in the contract or the classification is added with approval by DOL. Helper classes are issued or approved only where they are within the scope of the definition stated above.

Background information regarding “helpers”

- ◇ On November 20, 2000, DOL amended regulatory provisions concerning helpers. (See the *Federal Register* notice published on November 20, 2000, 65 Fed. Reg. 69,674-69,693.)
- ◇ DOL regulations that were in effect during early 1991 and much of 1992 and 1993, had defined “helpers” as semi-skilled workers who worked under the direction of and assisted journeymen who, under the journeymen’s supervision and direction, could perform a variety of duties including those requiring them to use the tools of the trade, and whose duties could vary according to area practice. Effective on October 21, 1993, the regulations implementing that definition of helpers were formally suspended. (See the *Federal Register* notices published on November 5, 1993 and December 30, 1996.)
- ◇ The regulatory changes issued on November 20, 2000, amended the regulations replaced the suspended definition of “helpers” to with a new regulatory definition in 29 C.F.R. § 5.2(n)(4) that incorporate the WHD’s longstanding policy of recognizing helper classifications and wage rates only where certain specified conditions are met. The revised regulatory definition explicitly states that a

“helper” classification will be added to wage determinations by the conformance process, pursuant to the contract clause at 29 C.F.R. § Sec. 5.5(a)(1)(ii)(A), only where the work to be performed by the helper is not performed by a classification in the wage determination.

- ◇ In issuing the final rule published on November 20, 2000, the Department pointed out that:
 - ◇◇ It is not intended that a helper classification never be issued on a Davis-Bacon wage determination simply because some workers in another classification occasionally perform the work in question,
 - ◇◇ The Department intends to issue helper classifications where the duties in question are not routinely performed by another classification on the wage determination and it is the prevailing practice in the area for helpers/tenders to perform the work in question, provided the other criteria of the regulation are met.

AREA PRACTICE

To determine the proper classification for work performed on a Davis-Bacon covered project, it may be necessary to examine **local area practice**.

- ◇ There are no nationwide standard classification definitions under the DBA. (This differs from the SCA, as SCA classifications are defined in the *SCA Directory of Classifications*.)

Note: The Dictionary of Occupational Titles, published by the Department's Employment and Training Administration, cannot be relied on for making Davis-Bacon determinations regarding proper employee classification.

- ◇ The Wage Appeals Board ruled in *Fry Brothers Corp.* (WAB Case No. 76-6, 6/14/77) that the proper classification of work performed by laborers and mechanics is that classification used by firms whose wage rates were found to be prevailing in the area and incorporated in the applicable Davis-Bacon wage determination.
- ◇ Questions as to the proper classification for the work performed by a laborer or mechanic are resolved in accordance with prevailing local area practice. An "area practice survey" may be conducted by the WHD or by the contracting agency to determine proper classification of workers.

For advice regarding proper classification of workers and for guidance on the need to conduct an area practice survey to determine proper classification of laborers and mechanics on DBRA covered projects, consultation with the WHD Regional Wage Specialist is appropriate. (See <http://www.dol.gov/whd/programs/dbra/regions.htm>.)

Basic Principles for Conducting Surveys to Determine Prevailing Local Area Practice

- ◇ In accord with *Fry Brothers Corp.*, information to be considered in the area practice survey is from firms whose wage rates were found to be prevailing in the area and incorporated in the applicable wage determination.
 - ◇◇ If, in the applicable wage determination, the rates listed for all the classifications that may perform the work in question are non-union rates, the dispute will be resolved by examining the practice(s) of non-union contractors in classifying workers who have been performing the duties in question in the area.
 - ◇◇ If, in the applicable wage determination, the rates listed for all the classifications that may perform the work in question are union rates, the

dispute will be resolved by examining the practice(s) of union contractors in classifying workers who have been performing the duties in question in the area.

- ◇◇ If a combination of union and non-union rates are listed in the wage determination for the classifications that may have performed the work in the area, the dispute will be resolved based on the combined information from:
 - ◇◇ union contractors for the classification(s) for which union rate(s) are listed,
 - ◇◇ and
 - ◇◇ non-union contractors for the classification(s) for which non-union rate(s) are listed.
- ◇ Proper classification of the laborers or mechanics performing the work in question will be resolved by examining the classification practice(s) of contractors who performed the work in question on:
 - ◇◇ similar construction projects (building construction, residential construction, highway construction, heavy construction),
 - ◇◇ in progress in the same area (normally the same county),
 - ◇◇ during the year preceding the wage determination lock-in date for the contract in question (as discussed below; *see* 29 C.F.R. § 1.6(c)).
 - ◇◇ In the case of contracts entered into pursuant to competitive bidding procedures (as contrasted with contracting by negotiation), the year prior to bid opening;
 - ◇◇ The year prior to contract award in the case of contracts entered into pursuant to contracting by negotiation (such as contracts arrived at through requests for proposals (RFPs) or similar contracting methods;
 - ◇◇ In the case of projects assisted under the National Housing Act, the year prior to beginning of construction or the date the mortgage was initially endorsed, whichever occurred first; or,
 - ◇◇ In the case of projects to receive housing assistance payments under section 8 of the U.S. Housing Act of 1937, the year prior to beginning of construction or the date the agreement to enter a housing assistance payments contract was executed, whichever was first.

- ◇ The extent of the information required for making area practice determinations will depend on the facts in each case. For example:
 - ◇◇ If, in gathering preliminary data, all of the parties agree as to the proper classification, the area practice is thus established (i.e., a **“limited”** area practice survey).
 - ◇◇ However, if all parties do not agree (i.e., jurisdictional dispute between two unions, or management does not agree with the union, or where non-union rate(s) in the wage determination may apply and the practice among non-union contractors in the area varies), it will be necessary to determine by a **“full”** area practice survey which classification actually performed the work in question.

Preliminary Steps for Conducting Surveys to Determine Prevailing Local Area Practice

1. Develop a clear description of the specific work for which a determination on proper classification is needed. (Examples: tying reinforcing rods for highway construction on a bridge, installation of process piping in a treatment plant, installing the metal roof on a building.)
2. Note the local area (generally the county) where the area practice issue is to be resolved, and the type of construction (building, residential, highway, or heavy) on which the work in question is to be performed.
3. Identify the area practice survey timeframe. (What is relevant is contractors' classification practices prior to award (or other applicable lock-in date) for the project on which the question of proper classification is to be resolved.)
4. Determine what classifications listed in the applicable contract wage determination (same county and type of construction) might perform the work duties in question.
5. Examine the “identifiers” for each such classification and determine whether the rate for each reflects a union negotiated or non-union wage rate.
 - ◇ Non-union rates in a Davis-Bacon wage determination are normally listed in a wage rate block that has an “SU” identifier, and appear in alphabetical order in the list of classifications in the wage determination. See the “Wage Determinations” section of this Resource Book for further information.
 - ◇ Union rates are listed under identifiers that refer to the union whose rates are reflected in a given wage rate block in the Davis-Bacon wage

determination. A list of identifiers used to designate various craft unions appears in the "Wage Determinations" section of this book; usually the local union number follows that designation.

How to conduct a limited area practice survey to determine the proper classification of work

If the applicable wage determination reflects union rates for the all classifications involved:

6. Contact the unions that may have jurisdiction over the work in question to determine whether the union workers performed the work on similar projects in the county in the year prior to the wage determination lock-in date (contract award date, or other date, as described above) for the project at issue.
 - ◇ **Note the following criteria for usable data:**
 - a. **Similar projects** (same type of construction).
 - b. In the **same county** as the project in question.
 - c. Usable time frame is **one year prior to the wage determination lock-in date** for the contract in question, as established by 29 CFR 1.6(c).

If union contractors performed the work, each union should be asked how the individuals who performed the work in question were classified.

If no union workers performed any of the work in question in the county during the survey timeframe, Wage and Hour should be contacted for further guidance.

7. The information provided by the unions should be confirmed with collective bargaining representatives of management, *i.e.*, the contractor representatives.
 - ◇ These would include contractors' associations such as:
 - Local chapters of the Associated General Contractors of America (AGC)
 - The National Electrical Contractors Association (NECA)
 - Local contractor associations that bargain with the unions

(If, in response to the limited area practice survey, specific contractors who may have performed the work in question are identified, they may be contacted to confirm whether they have been performing the work in question in the area.)

If all parties agree as to the proper classification for the work in question, the area practice is established.

If a contracting agency encounters a situation where two unions are engaged in a jurisdictional dispute over a specific type of work and both have performed the work in question during the applicable time period, the contracting officer should contact Wage and Hour for further guidance.

If the applicable wage determination reflects non-union rates for all the classifications involved:

6. Contact open shop contractors (many are members of the Associated Builders and Contractors of America (ABC)) and ask whether they performed the work in question on similar projects underway in the county during the survey timeframe.
 - ◇ If so, these contractors should be asked how the employees who performed this work were classified.
 - ◇ If all contractors agree, or if a clear majority of the contractors agree, the area practice is established.
 - ◇ If no open shop contractor performed the work at issue in the county during the survey timeframe, contact Wage and Hour for further guidance.

If the applicable wage determination reflects a mix of union and non-union rates for the classifications involved:

6. Contact the unions, and contact union and open shop contractors (and/or their associations) to determine who performed the work at issue on similar projects during the survey timeframe.
 - ◇ If all parties agree, or if a clear majority of the parties agree on the classification, the area practice is established.
 - ◇ Wage and Hour should be contacted if no work of the type at issue was performed in the county during the applicable time frame discussed above.

For any type of wage determination (whether based on union rates, non-union rates, or a mixed schedule):

- ◇ If the parties contacted in the limited area practice survey **do not** agree (i.e., jurisdictional dispute between the unions, management does not agree with union, or disagreement between the open shop contractors), or if there is no clear majority in agreement, then it is necessary to conduct a **full area practice survey**. When a full area practice survey is needed, the contracting agency should contact the Wage and Hour Regional Wage Specialist for assistance, guidance and coordination in the conduct of the survey.

How to conduct a full area practice survey to determine the proper classification of work

6. Identify similar projects in the same geographical area as the project under investigation (usually the county) which were in progress during the period one year prior to the wage determination lock-in date of the contract involved in the dispute/investigation.
 - ◇ If no similar projects were built in the area during that time frame, contact Wage and Hour for advice in expanding the survey's geographic scope and/or its time frame.
7. Identify firms that performed the work in question on these projects and determine those from which data should be collected – according to whether the relevant classifications in question in the wage determination are either non-union rates, union rates, or both. (For example, only non-union wage rates in the wage determination are involved, information from union contractors is not relevant; if only union rates are involved, information from open shop contractors is not relevant.)
8. For each project, obtain data from the week in which the greatest number of employees performed the work in question, and record how many performed such work on each project and how such employees were classified and paid.
9. Compile all relevant information received and total the number of employees who performed the work in question in each classification reported.
 - ◇ **The classification which has the clear majority of employees performing the work in question is the proper classification.**
 - ◇ If the data does not show that at least 60% of the workers who performed the duties in question were classified in the same classification, contact Wage and Hour for further guidance.

FRINGE BENEFITS

Definition 29 C.F.R. § 5.2(p).

- ◇ Under the Davis-Bacon Act, the terms “wages,” “scale of wages,” “wage rates,” and “prevailing wages” include:
 - ◇◇ The basic hourly rate of pay,
 - ◇◇ Any contribution irrevocably made by a contractor or subcontractor to a trustee or third party pursuant to a bona fide fringe benefit fund, plan or program, and
 - ◇◇ The rate of costs to the contractor or subcontractor which may be reasonably anticipated in providing bona fide fringe benefits pursuant to an enforceable commitment to carry out a financially responsible plan or program, which was communicated to the employees in writing.
- ◇ The statutory language of the Davis Bacon Act regarding fringe benefits is found at 40 U.S.C. § 3141, and is reiterated at 29 C.F.R. § 5.23.

In practice

- ◇ The Davis-Bacon “prevailing wage” is made up of two interchangeable components – a basic hourly rate and fringe benefits that have been found prevailing in an area and published in a Davis-Bacon wage determination. Along with the basic hourly rate listed on the wage determination, a fringe benefit will be listed for any classification for which fringe benefits were found prevailing. The total, including any fringe benefits listed, comprises the Davis-Bacon “prevailing wage” requirement.
 - ◇◇ This obligation may be met by any combination of cash wages and creditable “bona fide” fringe benefits provided by the employer:
 - ◇◇◇ The total, including any fringe benefits listed for the classification, may be paid entirely as cash wages;
 - ◇◇◇ Payments made or costs incurred by the contractor for “bona fide” fringe benefits may be creditable towards fulfilling the requirement; or
 - ◇◇◇ A combination of cash wages paid and “bona fide” fringe benefits may be used together to meet the total required prevailing wage.
 - ◇◇ Fringe benefits for DBRA must be paid for all hours worked – both straight time and overtime hours.

- ◇◇ Under DBRA, each classification stands alone and each laborer and mechanic is due the full prevailing wage, including fringe benefits, if listed for the classification, for all hours worked.

Example:

A Davis-Bacon wage determination requires:

Basic hourly rate	\$10.00
Fringe benefit	<u>1.00</u>
Total prevailing rate	\$11.00

The contractor can comply by paying:

1. \$11.00 in cash wages;
2. \$10.00 plus \$1.00 in pension contributions or other “bona fide” fringe benefits; or
3. \$9.00 plus \$2.00 in pension contributions or any combination of “bona fide” fringe benefits. (In this case, to compute the minimum overtime rate under CWHSSA, half the basic rate listed, i.e. \$5.00 must be added to the full \$11.00 straight time “prevailing wage.” Thus, under CWHSSA, the **overtime rate would be \$16.**)

Note: Under DBA/DBRA monetary wages paid in excess of the basic hourly rate may be used as an offset or credit to satisfy fringe benefit obligations, and vice versa.

Application to all hours worked

- ◇ Under Davis-Bacon, fringe benefits must be paid for **all** hours worked, including overtime hours. However, the fringe benefit amounts listed in the applicable wage determination may be excluded from the half-time premium due as overtime compensation.

For example:

An employee worked 44 hours as an electrician. The wage determination rate was \$12.00 (basic hourly rate) plus \$2.50 in fringe benefits. The electrician would be due:

$$\begin{array}{rcl}
 44 \text{ hours} \times \$14.50 & = & \$638.00 - (\text{straight time pay}) \\
 4 \text{ hours} \times \frac{1}{2} \text{ of } \$12.00 & & = \underline{24.00} - (\text{overtime pay}) \\
 & & \$662.00
 \end{array}$$

Crediting fringe benefit contributions to meet DBA/DBRA requirements

- ◇ The Davis-Bacon Act (and 29 C.F.R. § 5.23), list fringe benefits to be considered.

Examples:

Life insurance

Health insurance

Pension

Vacation

Holidays

Sick leave

- ◇ The use of a truck is not a fringe benefit; a Thanksgiving turkey or Christmas bonus is not a fringe benefit. (See *Cody-Zeigler, Inc.*, WAB Case No. 89-19, April 30, 1991.)
- ◇ No credit may be taken for any benefit required by federal, state or local law, such as:

Workers compensation

Unemployment compensation

Social security contributions

Funded fringe benefit plans

- ◇ The contractor's fringe benefit contributions made irrevocably to a trustee or third party pursuant to a fund, plan or program, can be credited toward meeting the prevailing wage requirement, without prior DOL approval. For example:
 - ◇◇ Contractor pays for health insurance monthly premiums.
 - ◇◇ Contractor makes quarterly contributions to retirement plan trust.
- ◇ The amount of contributions for fringe benefits must be paid **irrevocably** to the trustee or third party.
- ◇ Contributions to fringe benefit plans must be made regularly, not less often than **quarterly**. (This requirement is specified in the standard Davis-Bacon contract clauses at 29 C.F.R. § 5.5(a)(1)(i).)

- ◇◇ Annual contributions into a plan do not meet this requirement. While profit sharing plans are bona fide within the meaning of the Act, profits are not determined until the end of the year. Therefore, the DOL requires contractors to escrow money at least quarterly on the basis of what the profit is expected to be.
- ◇ The contractor must make payments or incur costs in the amount specified by the applicable wage decision **with respect to each individual laborer or mechanic**. Thus, the amount contributed for each employee must be determined separately, and credit taken accordingly towards the prevailing wage requirement for each individual. (It is not permissible to take credit based on the average premium paid or average contribution made per employee.)
- ◇ Credit may not be taken for fringe benefit contributions made on behalf of employees who are not eligible to participate in the plan (e.g., those excluded due to age or part-time employment).
 - ◇◇ Some plans provide that contributions and allocations under the plan will only be made on behalf of participants who are employed on the last day of the plan year. No credit is permitted for such participants for whom no contribution is made or for contributions made for employees whose accounts receive no allocation solely because they are not employed on the last day of the plan year.
 - ◇◇ On the other hand, it is not required that all employees participating in a fringe benefit plan be entitled to receive benefits from the plan at all times. For example, an employee who is eligible to participate in an insurance plan may be prohibited from receiving benefits from the plan during a 30-day waiting period. Contributions made on behalf of these employees would be creditable against the contractor's fringe benefit obligations.
- ◇ A pension plan that meets the Employment Retirement Income Security Act (ERISA) requirements may be considered "bona fide" for DBA/DBRA purposes.
- ◇ Some pension plans contain "vesting" requirements. Where an employer contributes to the plan, employees may be required to complete a certain length of service before they have a nonforfeitable right to benefits based on the employer's contributions to the plan. Thus, an employee who leaves employment before completing the specified length of service may forfeit all or part of the accrued benefit.
 - ◇◇ Such forfeitures are permitted, provided the plan is a bona fide plan that meets applicable requirements under ERISA, including minimum vesting requirements.
 - ◇◇ Forfeited Davis-Bacon contributions may not revert to the employer, but should be distributed among the remaining plan participants.

Unfunded plans

- ◇ A fringe benefit plan or program under which the cost a contractor may reasonably anticipate in providing benefits that will be paid from the general assets of the contractor (rather than funded by payments to a trustee or third party) is generally referred to as an **unfunded plan**. These generally include:
 - ◇◇ Holiday plans
 - ◇◇ Vacation plans
 - ◇◇ Sick pay plans
- ◇ No type of fringe benefit is eligible for consideration as an unfunded plan unless it meets the following criteria:
 1. It can be reasonably anticipated to provide benefits described in the Davis-Bacon Act;
 2. It represents a commitment that can be legally enforced;
 3. It is carried out under a financially responsible plan or program; and
 4. The plan or program has been communicated in writing to the laborers and mechanics affected.
- ◇ To insure that such plans are not used to avoid compliance with the Act, the DOL directs the contractor to set aside, in an account, no less often than quarterly, sufficient assets to meet the future obligation of the plan.

Annualization:

- ◇ Davis-Bacon credit for contributions made to fringe benefit plans are allowed based on the effective annual rate of contributions for all hours worked during the year by an employee.
- ◇ Examples:
 - ◇◇ For a defined benefit pension plan, or for a defined contribution pension plan which does not provide for immediate or essentially immediate vesting, if a contractor wishes to receive \$2.00 per hour credit for a pension contribution, the contractor must contribute at this same rate for all hours worked during the year. If this is not done, the credit for Davis-Bacon purposes would have to be revised accordingly.
 - ◇◇ If the firm's contribution for the pension benefit was computed to be \$2,000 a year for a particular employee, the employee worked 1,500 hours of the

year on a Davis-Bacon covered project and 500 hours of the year on other jobs not covered by the Davis-Bacon provisions, only \$1,500 or \$1.00 per hour would be creditable towards meeting the firm's obligation to pay the prevailing wage on the Davis-Bacon project. (Annual contribution – \$2,000, divided by total hours worked – 1,500+500 = 2000; i.e. \$2,000/2000hours = \$1.00 per hour.)

- ◇ For contributions made to defined contribution pension plans which provide for immediate participation and immediate or essentially immediate vesting schedules (100% vesting after an employee works 500 or fewer hours), and certain approved supplemental unemployment benefit plans, a contractor may take Davis-Bacon credit at the hourly rate specified by the plan. Under such plans, contributions are irrevocably made by the contractor, most, if not all, of the workers will become fully vested in the plan, and the higher contributions made during Davis-Bacon work result in an increase in the value of the individual employee's account. The amount of contributions to such plans should be in conformance with any limitations imposed by the Internal Revenue Code.

- ◇ Example: An employee works as an electrician where the wage determination rate is \$12.00 (basic hourly rate) plus \$2.50 in fringe benefits.

- ◇◇ Where the employer provides the electrician with medical insurance in the amount of \$200 per month (\$2,400 per year), the employer would divide the total annual cost of the benefit by 2,080 hours (40 hours x 52 weeks) to arrive at the allowable fringe benefit credit.

(\$200 x 12 months) divided by 2080 hours = \$1.15 per hour.

- ◇◇ If the employee in this example receives no other "bona fide" fringe benefits, then for each hour worked on a covered contract the individual is due \$12.00 (basic hourly rate) plus \$1.35 paid as cash (the difference between the \$2.50 per hour fringe benefit required under the applicable wage determination and the credit allowed for the provision of medical insurance.) Thus,

Basic hourly rate	\$12.00
Medical insurance benefit	1.15
<u>Additional cash due</u>	<u>1.35</u>
Total due per hour	\$14.50 (\$12.00+\$2.50)

CWHSSA/OVERTIME PAY

- ◇ CWHSSA applies to **laborers, mechanics, guards and watchmen** for the time spent on covered contract work only.
 - ◇◇ Total up all time each employee spent working **on covered contracts** – off-site as well as on site on DBRA projects;
 - ◇◇ Exclude all commercial, non-government work.
- ◇ CWHSSA requires the payment of time and one-half the basic rate of pay for all hours worked in excess of 40 hours in a week. (The daily overtime requirement under CWHSSA was repealed in 1986.)
- ◇ The basic rate of pay under CWHSSA is the straight time hourly rate and can not be less than the basic hourly rate required in an applicable wage determination. Under DBRA, amounts paid to fulfill the fringe benefit portion of the prevailing wages listed in the wage determination – both contributions to bona fide benefit plans and cash payments made to meet wage determination fringe benefits requirements – are excluded in computing overtime obligations under CWHSSA.
- ◇ If in a single workweek an employee works in more than one classification for which different non-overtime rates of pay have been established, the overtime pay may be computed based on the weekly average rate (or “regular rate”) – the total straight time pay for work (at all such rates) during the week, divided by the total number of hours worked at all jobs worked in the workweek. (An employee who performs work in two or more classifications for which different straight time hourly rates are established may agree in advance of performing the work, to be paid during the overtime hours at a rate not less than one and one-half times the non-overtime rate established for the type of work he performs during such overtime hours.) 29 C.F.R. § 778.6, 778.115, and 778.415-419.
- ◇ CWHSSA does not have a site of work limitation on coverage. All hours worked on covered contracts (even at a fabrication shop away from the site) are combined for determining CWHSSA compliance. (For example: if an employee starts the day performing covered work at the fabrication shop and then travels to the work site, the time at the fabrication shop and the **travel time** between the fabrication shop and the work site is hours worked covered by CWHSSA.)
- ◇ The following examples reflect the correct computations under DBRA and CWHSSA for an employee who worked 44 hours on a covered contract as an electrician, where the wage determination rate for an electrician is \$12.00 (basic hourly rate) plus \$2.50 in fringe benefits.
 - ◇◇ If the employer paid \$12.00 in cash wages and \$2.50 in fringe benefits, the electrician would receive:

U.S. DEPARTMENT OF LABOR
PREVAILING WAGE RESOURCE BOOK 2010

DBA/DBRA COMPLIANCE
PRINCIPLES

$$\begin{aligned}
 44 \text{ hours} & \times \$12.00 = \$528.00 \text{ for cash wages} \\
 44 \text{ hours} & \times \$ 2.50 = \$110.00 \text{ in fringe benefits} \\
 4 \text{ hours} & \times \frac{1}{2} \times \$12.00 = \underline{\$ 24.00} \text{ for CWHSSA earnings} \\
 & \qquad \qquad \qquad \$662.00
 \end{aligned}$$

◇◇ If the employer paid \$10.00 in cash wages and \$4.50 in fringe benefits:

$$\begin{aligned}
 44 \text{ hours} & \times \$10.00 = \$440.00 \text{ in cash wages} \\
 44 \text{ hours} & \times \$ 4.50 = \$198.00 \text{ in fringe benefits} \\
 4 \text{ hours} & \times \frac{1}{2} \times \$12.00 = \underline{\$ 24.00} \text{ in CWHSSA earnings} \\
 & \qquad \qquad \qquad \$662.00
 \end{aligned}$$

◇◇ If the employer paid \$14.00 in cash wages and \$0.50 in fringe benefits:

$$\begin{aligned}
 44 \text{ hours} & \times \$14.00 = \$616.00 \text{ in cash wages} \\
 44 \text{ hours} & \times \$ 0.50 = \$ 22.00 \text{ in fringe benefits} \\
 4 \text{ hours} & \times \frac{1}{2} \times \$12.00 = \underline{\$ 24.00} \text{ in CWHSSA earnings} \\
 & \qquad \qquad \qquad \$662.00
 \end{aligned}$$

◇ The following examples provide two methods for the computation of overtime premium pay required under CWHSSA and/or FLSA for an employee who worked in different job classifications and at different rates of pay in the same work week.

An employee is hired to perform work on a covered construction contract in two job classifications: painter and electrician. The wage determination rate for an electrician is \$12.00 (basic hourly rate) plus \$2.50 in fringe benefits. The wage determination rate for a painter is \$10.00 (basic hourly rate) plus \$3.00 in fringe benefits. The payroll shows that the worker performed painting and electrical duties as follows:

	S	M	T	W	T	F	S
Painter hours	10	10	10				
Electrician hours					10	8	

Method 1: Computation of the overtime **premium** based on the weekly average "regular rate" for the work week.

Step 1: Determine the straight time wages due – excluding fringe benefits

$$\begin{aligned}
 30 \text{ hours at the painter's rate of } \$10.00 & = \$300.00 \\
 18 \text{ hours at the electrician's rate of } \$12.00 & = \underline{216.00} \\
 \text{Total straight time wages} & = \$516.00
 \end{aligned}$$

Step 2: Calculate the “regular rate”

$$(\$516.00 / 48 \text{ hours worked}) = \$10.75 \text{ “regular rate”}$$

Step 3: Compute the overtime premium due

$$\frac{1}{2}(\$10.75) \times 8 \text{ overtime hours worked} = \$43.00$$

Method 2: Computation of the overtime premium based on the “rate in effect” when the overtime hours were worked.

In this example the eight overtime hours occurred on a Saturday.

The overtime **premium** could be computed as follows:

$$\frac{1}{2}(\$12.00) \times 8 = \$48 \text{ (established rate).}$$

Note: In some cases, a question arises over whether a cash payment made to a laborer or mechanic is paid in lieu of a fringe benefit contribution or whether it is simply part of the individual’s normal straight time wages. In the latter situation, the cash payment is not excludable in computing the overtime pay obligation.

Overtime requirements under the Fair Labor Standards Act (FLSA), as amended

- ◇ On contracts to which CWHSSA does not apply (prime contract \$100,000 or less) overtime pay requirements may apply under other laws. On contracts to which CWHSSA does apply, the overtime pay requirements of other laws may also apply.
- ◇ Laborers and mechanics performing DBA/DBRA work may be subject to overtime compensation provisions of other laws which may apply concurrently to them, including the Fair Labor Standards Act. 29 C.F.R. § 778.6.
- ◇ As a general standard, Section 7(a) of the Fair Labor Standards Act, as amended, provides that an employer shall not employ any employee to work in excess of 40 hours in a workweek unless such employee receives compensation for his or her employment in excess of the hours above specified at a rate not less than one and one-half times the regular rate at which her or she is employed. 29 C.F.R. § 778.101.
- ◇ Unless specifically exempted from FLSA overtime pay requirements, an employee who performs work on both federally funded/federally financed projects and commercial work in the same workweek must receive an overtime premium for hours worked in excess of 40 in the workweek. 29 C.F.R. § 778.

(Note: 29 C.F.R. §§ 5.32 and 778.6 discuss dual application of Davis-Bacon and FLSA overtime requirements.)

- ◇ CWHSSA requires the payment of an overtime premium only if the laborer or mechanic works in excess of 40 hours in a work week on covered contract(s). Overtime hours worked, which are not subject to CHWSSA, may be subject to FLSA overtime pay.
- ◇ Where questions arise concerning overtime pay obligations under the FLSA, consultation with the local WHD office is appropriate. The Department of Labor (DOL) developed the *elaws* Advisors to help employees and employers understand their rights and responsibilities under numerous Federal employment laws. The Fair Labor Standards Act *elaws* Advisor is available at <http://www.dol.gov/elaws/flsa.htm>.

State and Local Wage and Hour Laws

- ◇ Federal laws regarding minimum wages and overtime pay do not preempt the requirements of similar State and local laws. These laws set minimum requirements and can apply concurrently. Thus, compliance with each applicable law is appropriate, in accord with the requirements of each. Where questions arise regarding wage and overtime pay requirements under State (or local) law, the appropriate State (or local) government agency should be consulted regarding compliance with the non-federal requirements.

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 23 ✓

Job No. d1212

Contract No.

For week ending 03/31/2013 ✓

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net	
	25	26	27	28	29	30	31	Job	Week	Hourly	Addl	Hourly	Addl						
HOLMES, TYRAN P O BOX 723 GRAY, LA 70359 XXX-XX-3666 Pay Class: oiler ✓ WH/EX: Single-2 Sex: Male Minority: Black																			
O								0.00	1.00	\$533.20	180.00	713.80	240.00	54.61	69.64	17.28	0.00	812.27 ✓	
R	11.00	10.00	10.00					31.00	40.00	17.20				Total Deductions:			141.53 ✓		
ODOM, BRUCE 10726 JACOCK ROAD ST FRANCISVILLE, LA 70775 XXX-XX-7853 Pay Class: laborer ✓ WH/EX: Single-0 Sex: Male Minority: Caucasian																			
O								0.00	0.00	51.68	689.00	40.00	689.00	52.71	98.53	16.67	117.13	443.96 ✓	
R	10.00	10.00						20.00	20.00	34.45				Total Deductions:			285.04 ✓		
JACKSON, DONNELL P O BOX 1861 WOODVILLE, MS 39669 XXX-XX-8970 Pay Class: laborer ✓ WH/EX: Single-3 Sex: Male Minority: Black																			
O								0.00	0.00	28.88	385.00	40.00	385.00	29.45	32.83	9.08	3.85	349.79 ✓	
R	10.00	10.00						20.00	20.00	19.25				Total Deductions:			75.21 ✓		
ODOM, JASON 508 INGLEWOOD DRIVE VICKSBURG, MS 39180 XXX-XX-6770 Pay Class: laborer ✓ WH/EX: Single-0 Sex: Male Minority: Caucasian																			
O								0.00	0.00	38.45	512.60	40.00	512.60	39.21	70.90	19.00	51.26	372.23 ✓	
R	10.00	10.00						20.00	20.00	25.63				Total Deductions:			180.37 ✓		
WHITE, ROBERT 212 COUNTRY CLUB DRIVE NATCHEZ, MS 39120 XXX-XX-8555 Pay Class: laborer ✓ WH/EX: Single-0 Sex: Male Minority: Black																			
O								0.00	0.00	33.35	444.60	40.00	444.60	34.02	60.88	13.75	53.35	322.60 ✓	
R	10.00	10.00						20.00	20.00	22.23				Total Deductions:			162.00 ✓		
HUGLEY, STEVE 1585 MOSLEY GAP ROAD VICKSBURG, MS 39183 XXX-XX-0615 Pay Class: laborer ✓ WH/EX: Single-0 Sex: Male Minority: Caucasian																			
O								0.00	0.00	28.88	385.00	40.00	385.00	29.45	51.81	14.00	0.00	329.74 ✓	
R	10.00	10.00						20.00	20.00	19.25				Total Deductions:			95.26 ✓		
								0.00	1.00	\$2,949.40	3,130.00	440.00	239.45	384.59	89.78	225.59	2,630.59		
Totals								131.00	140.00		380.00		440.00						

Checked By Melanie B Carllan

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 22

Job No. d1212

Contract No.

For week ending 03/24/2013

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job	This Week	FICA/Medi	Fed	State	Other	Net		
18	19	20	21	22	23	24	Job	Week	Hourly	Addl	Hourly	Addl					
HOLMES, TYRAN							XXX-XX-3666	Pay Class: oiler									
							WH/EX: Single-2	Sex: Male Minority: Black									
O							0.00	10.00	\$172.00	60.00	946.00	300.00	72.36	110.13	24.25	0.00	1,039.26
R	10.00						10.00	40.00	17.20				Total deductions: 206.74				
Totals							0.00	10.00	\$172.00	60.00	946.00	300.00	72.36	110.13	24.25	0.00	1,039.26
							10.00	40.00									

Checked by Melanie B Cailloux

Date 03/26/2013

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the

18 day of March 2013, and ending the 24 day of March 2013

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

Miscellaneous: Life Insurance, 401(k) Deferral

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 21 ✓

Job No. d1212

Contract No.

For week ending 03/17/2013 -

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job	This Week	FICA/Medi	Fed	State	Other	Net			
	11	12	13	14	15	16	17	Job	Week	Hourly	Addl						Hourly	Addl	
HOLMES, TYRAN																			
								XXX-XX-3666	Pay Class: oiler ✓										
								WH/EX: Single-2	Sex: Male		Minority: Black								
O								10.00	10.00	25.80	602.00	180.00	946.00	300.00	72.37	110.13	24.25	0.00	1,039.25 ✓
R	10.00	10.00						20.00	40.00	17.20							Total deductions:	206.75 ✓	
RILEY, GREGORY D																			
								XXX-XX-7395	Pay Class: excavop ✓										
								WH/EX: Single-2	Sex: Male		Minority: Caucasian								
O								10.00	10.00	30.00	1,380.50	270.00	1,738.40	315.00	132.98	286.50	45.41	86.92	1,501.59 ✓
R	10.00	10.00	10.00					30.00	40.00	20.45							Total deductions:	551.81 ✓	
LINDSEY, TROY																			
6440 HIGHWAY 27																			
VICKSBURG MS 39180																			
								XXX-XX-2959	Pay Class: laborer ✓										
								WH/EX: Single-0	Sex: Male		Minority: Black								
O								0.00	0.00		914.00	80.00	914.00	80.00	69.92	127.63	38.88	100.00	657.57 ✓
R	10.00	10.00	10.00	10.00				40.00	40.00	22.85							Total deductions:	336.43 ✓	
HOWELL, RODNEY D																			
4619 NAILOR ROAD																			
VICKSBURG MS 39180																			
								XXX-XX-0412	Pay Class: laborer ✓										
								WH/EX: Single-1	Sex: Male		Minority: Caucasian								
O								0.00	0.00		830.00	80.00	830.00	80.00	63.50	83.32	26.00	100.00	637.18 ✓
R	10.00	10.00	10.00	10.00				40.00	40.00	20.75							Total deductions:	272.82 ✓	
Totals								35.00	40.00		3,726.50	610.00	4,428.40	775.00	338.77	607.58	134.54		3,835.59
								130.00	160.00								286.92		

Checked By Melanie B Caillet

Certified Payroll

Name/Address of Contractor

SOUTHERN DELTA CONSTRUCTION LLC
P O BOX 1101
VICKSBURG, MS 39181-1101

Project and Location

Brady Canal Hydrologic Restoration
State of Louisiana, Coastal Protection &
Restoration Authority
635 Cajundome Blvd.
Lafayette, LA 70506

Payroll No. 20

Job No. d1212

Contract No.

For week ending 03/10/2013

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net	
04	05	06	07	08	09	10	Job	Week	This Job	Hourly	Addl	Hourly	Addl					

No work this week.

Checked by Melanie B Cailand

Certified Payroll

Name/Address of Contractor

SOUTHERN DELTA CONSTRUCTION LLC
P O BOX 1101
VICKSBURG, MS 39181-1101

Project and Location

Brady Canal Hydrologic Restoration
State of Louisiana, Coastal Protection &
Restoration Authority
635 Cajundome Blvd.
Lafayette, LA 70506

Payroll No. 19 ✓

Job No. d1212

Contract No.

For week ending 03/03/2013 ✓

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week							
25	26	27	28	01	02	03	Job	Week	This Job	Hourly	Addl	Hourly	Addl	FICA/Medi	Fed	State	Other	Net

No Hourly Employees on Job This Week

Checked By *Melanie B Calland*

Date 03/20/2013

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the

25th day of February, 2013, and ending the 03rd day of March, 2013

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

Miscellaneous: Life Insurance, 401(k) Deferral

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That: (a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

No Hourly Employees on Job This Week

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor

SOUTHERN DELTA CONSTRUCTION LLC
P O BOX 1101
VICKSBURG, MS 39181-1101

Project and Location

Brady Canal Hydrologic Restoration
State of Louisiana, Coastal Protection &
Restoration Authority
635 Cajundome Blvd.
Lafayette, LA 70506

Payroll No. 18 ✓

Job No. d1212

Contract No.

For week ending 02/24/2013 ✓

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net	
18	19	20	21	22	23	24	Job	Week	This Job	Hourly	Addl	Hourly	Addl					

No Hourly Employees on Job This Week

Checked By Melanie B Caillet

Date 03/20/2013

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC
(Contractor or Subcontractor) on the

Brady Canal Hydrologic Restoration, that during the payroll period commencing on the

18 day of February, 2013, and ending the 24 day of February, 2013

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below:

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

Miscellaneous: Life Insurance, 401(k) Deferral

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

No Hourly Employees on Job This Week

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor

SOUTHERN DELTA CONSTRUCTION LLC
P O BOX 1101
VICKSBURG, MS 39181-1101

Project and Location

Brady Canal Hydrologic Restoration
State of Louisiana, Coastal Protection &
Restoration Authority
635 Cajundome Blvd.
Lafayette, LA 70506

Payroll No. 17-

Job No. d1212

Contract No.

For week ending 02/17/2013

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job	This Week	FICA/Medi	Fed	State	Other	Net
11	12	13	14	15	16	17	Job	Week	Hourly	Addl	Hourly	Addl			

No Hourly Employees on Job This Week

Checked By *Melanie B Cailland*

Certified Payroll

Name/Address of Contractor

SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location

Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 16 ✓

Job No. d1212

Contract No.

For week ending 02/10/2013 ✓

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net	
04	05	06	07	08	09	10	Job	Week	Hourly	Addl	Hourly	Addl						

No Hourly Employees on Job This Week

Checked by Melanie B Caillet

Date 03/20/2013

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration, that during the payroll period commencing on the
(Building or Work)
04 day of February 2013, and ending the 10 day of February 2013,
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3. (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below.

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

Miscellaneous: Life Insurance, 401(k) Deferral

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the classifications
set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship
program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and
Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered
with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That
(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such employees,
except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

No Hourly Employees on Job This Week

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 15 -

Job No. d1212

Contract No.

For week ending 02/03/2013 -

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job	This Week	FICA/Medi	Fed	State	Other	Net			
28	29	30	31	01	02	03	Job	Week	Hourly	Addl	Hourly	Addl						
HOLMES, TYRAN																		
							XXX-XX-3666	Pay Class: oiler										
								WH/EX: Single- 2		Sex: Male		Minority: Black						
O							0.00	0.00	331.10	90.00	434.30	120.00	33.22	28.65	8.89	0.00	483.54	
R	5.50	13.75					19.25	25.25	17.20				Total deductions:			70.76		
RILEY, GREGORY D																		
							XXX-XX-7395	Pay Class: excavop										
								WH/EX: Single- 2		Sex: Male		Minority: Caucasian						
O							0.00	13.75	444.79	90.00	1,239.85	270.00	94.85	171.24	31.20	61.99	1,150.57	
R	10.75	11.00					21.75	40.00	20.45				Total deductions:			359.28		
Totals								0.00	13.75	775.89		1,674.15		128.07		40.09		1,634.11
								41.00	65.25		180.00	390.00		199.89		61.99		

Checked by
 Melanie B. Caillet

Date 02/11/13

I, Phyllis Oldenburg, Office Manager (Title)

(Name of Signatory Party)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Southern Delta Construction LLC

(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration, that during the payroll period commencing on the

(Building or Work)

28 day of January 2013, and ending the 3 day of February 2013

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC

from the full

(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subfile A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below.

Standard Deductions: FICA, Medicare, Federal Income Tax, State Income Tax

Miscellaneous Deductions: 401(k) Deferral, Insurance

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract, that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 14 ✓

Job No. d1212

Contract No.

For week ending 01/27/2013 ✓

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net			
	21	22	23	24	25	26	27	Job	Week	Hourly	Addl	Hourly	Addl								
HOLMES, TYRAN																					
									XXX-XX-3666	Pay Class: oiler											
									WH/EX: Single- 2		Sex: Male		Minority: Black								
O					4.00	11.00	13.00	28.00	28.00	25.80	1,410.40	360.00	1,410.40	360.00	107.90	229.38	38.18	0.00	1,394.94 ✓		
R	11.00	11.00	11.00		7.00			40.00	40.00	17.20									Total deductions: 375.46 ✓		
MACDONALD, JAMES																					
									XXX-XX-9915	Pay Class: oiler											
									WH/EX: Single- 1		Sex: Male		Minority: Caucasian								
O					10.75			10.75	10.75	23.10	771.93	180.00	864.33	225.00	66.12	111.13	24.97	0.00	887.11 ✓		
R		11.00	11.00	12.00				34.00	40.00	15.40									Total deductions: 202.22 ✓		
RILEY, GREGORY D																					
									XXX-XX-7395	Pay Class: excavop											
									WH/EX: Single- 2		Sex: Male		Minority: Caucasian								
O				5.00	10.75	11.00	13.00	39.75	39.75	30.30	2,012.43	315.00	2,012.43	315.00	153.95	357.05	53.22	100.62	1,662.59 ✓		
R	11.00	11.00	11.00	7.00				40.00	40.00	20.20									Total deductions: 664.84 ✓		
Totals								78.50	78.50		4,194.76		4,287.16	855.00	900.00	327.97	697.56	116.37		100.62	3,944.64
								114.00	120.00												

Checked By
Melanie B. Cailloux

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 13 ✓

Job No. d1212

Contract No.

For week ending 01/20/2013 ✓

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net			
	14 ✓	15	16	17	18	19	20 ✓	Job	Week	Hourly	Addl	Hourly	Addl								
HOLMES, TYRAN																					
									XXX-XX-3666	Pay Class: oiler											
									WH/EX: Single-2		Sex: Male		Minority: Black								
O				8.00	11.50		5.50	25.00 ✓	28.25	25.80 ✓	1,199.70	360.00	1,416.85	420.00	108.38	230.99	38.37	0.00	1,459.11 ✓		
R	11.00	10.75	10.50					32.25 ✓	40.00	17.20 ✓				Total deductions: 377.74 ✓							
RILEY, GREGORY D																					
									XXX-XX-7395	Pay Class: excavop											
									WH/EX: Single-2		Sex: Male		Minority: Caucasian								
O			1.50	11.00	11.50		11.00	35.00 ✓	35.75	30.30 ✓	1,823.05	315.00	1,891.23	315.00	144.68	325.95	49.77	194.56	1,491.27 ✓		
R	11.00	10.75	10.50	5.50				37.75 ✓	40.00	20.20 ✓				Total deductions: 714.96 ✓							
Totals								60.00	64.00		3,022.75		3,308.08		253.06		88.14			2,950.38	
								70.00	80.00			675.00		735.00		556.94		194.56			

*Checked by
 Melaine B Cailloux*

Date 02/11/13

I, Phyllis Oldenburg, Office Manager (Title)

(Name of Signatory Party)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Southern Delta Construction LLC

(Contractor or Subcontractor)

on the

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the

(Building or Work)

14 day of January 2013, and ending the 20 day of January 2013

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC

(Contractor or Subcontractor)

from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357; 40 U.S.C. § 3145), and described below:

Standard Deductions: FICA, Medicare, Federal Income Tax, State Income Tax

Miscellaneous Deductions: 401(k) Deferral, Insurance

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract, that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Date 02/11/13

I, Phyllis Oldenburg, Office Manager (Title)

(Title)

(Name of Signatory Party)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by Southern Delta Construction LLC (Contractor or Subcontractor) on the

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the

(Building or Work) 7 day of January 2013, and ending the 13 day of January 2013

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full (Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below:

Standard Deductions: FICA, Medicare, Federal Income Tax, State Income Tax

Miscellaneous Deductions: 401(k) Deferral, Insurance

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete, that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
SOUTHERN DELTA CONSTRUCTION LLC
P O BOX 1101
VICKSBURG MS 39181

Project and Location
Brady Canal Hydrologic Restoration (TE-28)
State of Louisiana, Coastal Protection & Restoration Authority
635 Cajundome Blvd.
Lafayette, LA 70506

Payroll No. 11 ✓

Job No. D1212

Purchase No. 3854789

For week ending 01/06/2013

Project No. 2249211

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net
31 ✓	01	02	03	04	05	06 ✓	Job Week	This Job	Hourly	Addl	Hourly	Addl					

No Hourly Employees on Job This Week

Checked by *Melanie B*
Carroll

Date 02/21/13

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the
(Building or Work)

31 day of December, 2012, and ending the 06 day of January, 2013
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967, 76 Stat. 357; 40 U.S.C. § 3145), and described below:

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the classifications
set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship
program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and
Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered
with the Bureau of Apprenticeship and Training, United States Department of Labor.

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such employees,
except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

No Hourly Employees on Job This Week

SIGNATURE

Phyllis Oldenburg, Office Manager

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
SOUTHERN DELTA CONSTRUCTION LLC
P O BOX 1101
VICKSBURG MS 39181

Project and Location
Brady Canal Hydrologic Restoration (TE-28)
State of Louisiana, Coastal Protection & Restoration Authority
635 Cajundome Blvd.
Lafayette, LA 70506

Payroll No. 10 -

Job No. D1212

Purchase No. 3854789

For week ending 12/30/2012

Project No. 2249211

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net
24	25	26	27	28	29	30	Job Week	This Job	Hourly	Addl	Hourly	Addl					

No Hourly Employees on Job This Week

Checked by *Melanie B
Cailloux*

Date 02/21/13

I, Phyllis Oldenburg, Office Manager (Title)

(Name of Signatory Party)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Southern Delta Construction LLC

(Contractor or Subcontractor)

on the

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the

(Building or Work)

24 day of December, 2012, and ending the 30 day of December, 2012

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC

(Contractor or Subcontractor)

from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below.

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

No Hourly Employees on Job This Week

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
SOUTHERN DELTA CONSTRUCTION LLC
P O BOX 1101
VICKSBURG MS 39181

Project and Location
Brady Canal Hydrologic Restoration (TE-28)
State of Louisiana, Coastal Protection & Restoration Authority
635 Cajundome Blvd.
Lafayette, LA 70506

Payroll No. 9

Job No. D1212

Purchase No. 3854789

For week ending 12/23/2012

Project No. 2249211

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net
17	18	19	20	21	22	23	Job Week	This Job	Hourly	Addl	Hourly	Addl					

No Hourly Employees on Job This Week

Checked by Melani B
Caillaut

Date 02/21/13

I, Phyllis Oldenburg, Office Manager (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Southern Delta Construction LLC (Contractor or Subcontractor) on the

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the

17 day of December, 2012, and ending the 23 day of December, 2012

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC (Contractor or Subcontractor) from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That: (a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

Table with 2 columns: EXCEPTION (CRAFT), EXPLANATION

REMARKS:

No Hourly Employees on Job This Week

Signature block for Phyllis Oldenburg, Office Manager, including name and title, signature, and disclaimer text.

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG MS 39181

Project and Location
 Brady Canal Hydrologic Restoration (TE-28)
 State of Louisiana, Coastal Protection & Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 8 ✓

Job No. D1212

Purchase No. 3854789

For week ending 12/16/2012 ✓

Project No. 2249211

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net
10	11	12	13	14	15	16	Job Week	This Job	Hourly	Addl	Hourly	Addl					

Nq Hourly Employees on Job This Week

*Checked by Melanie B
 Cailloux*

Date 02/21/13

I, Phyllis Oldenburg, Office Manager (Title)

(Name of Signatory Party)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Southern Delta Construction LLC

(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration, that during the payroll period commencing on the

(Building or Work)

10th day of December, 2012, and ending the 16th day of December, 2012

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC

from the full

(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357; 40 U.S.C. § 3145), and described below.

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

No Hourly Employees on Job This Week

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG MS 39181

Project and Location
 Brady Canal Hydrologic Restoration (TE-28)
 State of Louisiana, Coastal Protection & Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 7 ✓

Job No. D1212

Purchase No. 3854789

For week ending 12/09/2012

Project No. 2249211

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net
03 ✓	04	05	06	07	08	09 ✓	Job Week	This Job	Hourly	Addl	Hourly	Addl					
No Hourly Employees on Job This Week																	

*Checked by Marie B
Cailloux*

Date 02/21/13

I, Phyllis Oldenburg, Office Manager (Title)

(Name of Signatory Party)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by Southern Delta Construction LLC (Contractor or Subcontractor) on the

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the

(Building or Work) 03 day of December 2012, and ending the 09 day of December 2012

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC (Contractor or Subcontractor) from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below.

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

No Hourly Employees on Job This Week

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG MS 39181

Project and Location
 Brady Canal Hydrologic Restoration (TE-28)
 State of Louisiana, Coastal Protection & Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 6

Job No. D1212

Purchase No. 3854789

For week ending 12/02/2012

Project No. 2249211

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net
26	27	28	29	30	01	02	Job Week	This Job	Hourly	Addl	Hourly	Addl					

No Hourly Employees on Job This Week

*Checked By Melanie B
 Cailloux*

Date 02/21/13

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the
(Building or Work)

26 day of November, 2012, and ending the 02 day of December, 2012

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below:

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

No Hourly Employees on Job This Week

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 5

Job No. d1212

Contract No.

For week ending 11/25/2012

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week				Net			
	19	20	21	22	23	24	25	Job	Week	Hourly	Addl	Hourly	Addl	FICA/Medi	Fed		State	Other	
ABT, JOHN																			
									XXX-XX-6405	Pay Class: dragline									
									WH/EX: Single-0	Sex: Male	Minority: Caucasian								
O				9.50	12.00			21.50	45.50	35.62	1,715.83	300.00	2,570.71	420.00	145.24	582.46	76.16	0.00	2,186.85
R	7.50	14.00	14.00	4.50				40.00	40.00	23.75				Total deductions:			803.86		
DEVILLIER, DARYL																			
									XXX-XX-1316	Pay Class: dragline									
									WH/EX: Married-4	Sex: Male	Minority: Caucasian								
O				8.00	12.00			20.00	44.00	35.62	1,662.40	300.00	2,517.28	420.00	142.23	364.61	72.63	0.00	2,357.81
R	12.00	12.00	12.00	4.00				40.00	40.00	23.75				Total deductions:			579.47		
DEVILLIER JR, DARYL																			
									XXX-XX-7608	Pay Class: oiler									
									WH/EX: Married-5	Sex: Male	Minority: Caucasian								
O				8.00	12.00			20.00	44.00	22.50	1,050.00	225.00	1,590.00	315.00	89.83	143.60	44.81	0.00	1,626.76
R	12.00	12.00	12.00	4.00				40.00	40.00	15.00				Total deductions:			278.24		
HOLMES, TYRAN																			
									XXX-XX-3666	Pay Class: oiler									
									WH/EX: Single-2	Sex: Male	Minority: Black								
O				9.50	12.00			21.50	45.50	25.12	1,210.08	300.00	1,812.96	420.00	102.43	330.02	50.25	0.00	1,750.26
R	7.50	14.00	14.00	4.50				40.00	40.00	16.75				Total deductions:			482.7		
JACKSON, NOEL N																			
									XXX-XX-6691	Pay Class: dragline									
									WH/EX: Married-1	Sex: Male	Minority: Black								
O								0.00	0.00		154.38	60.00	154.38	60.00	8.72	0.00	3.09	0.00	202.57
R	6.50							6.50	6.50	23.75				Total deductions:			11.81		
MACDONALD, JAMES																			
									XXX-XX-9915	Pay Class: oiler									
									WH/EX: Single-1	Sex: Male	Minority: Caucasian								
O								0.00	0.00		97.50	45.00	97.50	45.00	5.51	0.00	1.96	0.00	135.03
R	6.50							6.50	6.50	15.00				Total deductions:			7.47		
								Totals	83.00	179.00		5,890.19		8,742.83	493.96	248.90		8,259.28	
									173.00	173.00		1,230.00		1,680.00	1,420.69		0.00		

*Checked by Melanie B
Caillet*

Date 11/30/2012

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the
(Building or Work)

19 day of November, 2012, and ending the 25 day of November, 2012,
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967; 40 U.S.C. § 3145), and described below:

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the classifications
set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship
program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and
Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered
with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS
 - in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such employees,
except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

NAME AND TITLE
Phyllis Oldenburg, Office Manager

SIGNATURE

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 4

Job No. d1212

Contract No.

For week ending 11/18/2012

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job	This Week	FICA/Medi	Fed	State	Other	Net				
	12	13	14	15	16	17	18	Job	Week	This Job	Hourly						Addl	Hourly	Addl	
ABT, JOHN P O BOX 675 LAPLACE LA 70069 XXX-XX-6405 Pay Class: dragline WH/EX: Single-0 Sex: Male Minority: Caucasian																				
O				8.00	12.00	12.00	12.00	44.00	44.00	35.62	\$2,517.28	420.00	2,517.28	420.00	142.23	567.50	74.56	0.00	2,152.99	
R	12.00	12.00	12.00	4.00				40.00	40.00	23.75									784.29	
Total deductions: 784.29																				
DEVILLIER, DARYL 25914 PINECREST DR PICAYUNE MS 39466 XXX-XX-1316 Pay Class: dragline WH/EX: Married-4 Sex: Male Minority: Caucasian																				
O								0.00	0.00		\$166.25	60.00	166.25	60.00	9.39	0.00	3.32	0.00	213.54	
R	7.00							7.00	7.00	23.75									12.71	
Total deductions: 12.71																				
DEVILLIER JR, DARYL 807 BUCK RUN PEARL RIVER LA 70452 XXX-XX-7608 Pay Class: oiler WH/EX: Married-5 Sex: Male Minority: Caucasian																				
O								0.00	0.00		\$105.00	45.00	105.00	45.00	5.94	0.00	2.10	0.00	141.96	
R	7.00							7.00	7.00	15.00									8.04	
Total deductions: 8.04																				
HOLMES, TYRAN P O BOX 723 GRAY LA 70359 XXX-XX-3666 Pay Class: oiler WH/EX: Single-2 Sex: Male Minority: Black																				
O				8.00	12.00	12.00	12.00	44.00	44.00	25.12	\$1,775.28	420.00	1,775.28	420.00	100.30	320.60	49.12	0.00	1,725.26	
R	12.00	12.00	12.00	4.00				40.00	40.00	16.75									470.02	
Total deductions: 470.02																				
JACKSON, NOEL N 9416 TARA DR SW COVINGTON GA 30014 XXX-XX-6691 Pay Class: dragline WH/EX: Married-1 Sex: Male Minority: Black																				
O				9.50	14.00	14.00	14.00	51.50	51.50	35.62	\$2,784.43	420.00	2,784.43	420.00	157.32	486.20	80.65	0.00	2,480.26	
R	7.50	14.00	14.00	4.50				40.00	40.00	23.75									724.17	
Total deductions: 724.17																				
MACDONALD, JAMES P O BOX 622 SWARTZ LA 71281 XXX-XX-9915 Pay Class: oiler WH/EX: Single-1 Sex: Male Minority: Caucasian																				
O				9.50	14.00	14.00	14.00	51.50	51.50	22.50	\$1,758.75	315.00	1,758.75	315.00	99.37	334.74	51.80	0.00	1,587.84	
R	7.50	14.00	14.00	4.50				40.00	40.00	15.00									485.91	
Total deductions: 485.91																				
Totals								191.00	191.00		\$9,106.99		9,106.99		514.55		261.55		0.00	8,301.85
								174.00	174.00				1,680.00		1,680.00		1,709.04		0.00	

*Checked by Melanie B
Caillet*

Date 11/21/2012

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the
(Building or Work)

12 day of November 2012, and ending the 18 day of November 2012
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3, (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967; 40 U.S.C. § 3145), and described below.

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the classifications
set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship
program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and
Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered
with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

-- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such employees,
except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

-- Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 3 ✓

Job No. d1212

Contract No.

For week ending 11/11/2012 ✓

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job	This Week	FICA/Medi	Fed	State	Other	Net		
	05	06	07	08	09	10	11	Job	Week	This Job	Hourly						Addl	Hourly
DEVILLIER, DARYL																		
25914 PINECREST DR PICAYUNE MS 39466																		
XXX-XX-1316 Pay Class: dragline ✓																		
WH/EX: Married-4 Sex: Male Minority: Caucasian																		
O			9.00	14.00	14.00	14.00		51.00 ✓	51.00	35.62 ✓	2,766.62 ✓	420.00	156.31	426.94	80.11	42.40 ✓	2,480.86 ✓	
R	7.00	14.00	14.00	5.00				40.00 ✓	40.00	23.75 ✓							Total deductions: 705.76 ✓	
DEVILLIER JR, DARYL																		
807 BUCK RUN PEARL RIVER LA 70452																		
XXX-XX-7608 Pay Class: oiler ✓																		
WH/EX: Married-5 Sex: Male Minority: Caucasian																		
O			9.00	14.00	14.00	14.00		51.00 ✓	51.00	22.50 ✓	1,747.50 ✓	315.00	98.73	167.22	49.54	0.00	1,747.01 ✓	
R	7.00	14.00	14.00	5.00				40.00 ✓	40.00	15.00 ✓							Total deductions: 315.49 ✓	
JACKSON, NOEL N																		
9416 TARA DR SW COVINGTON GA 30014																		
XXX-XX-6691 Pay Class: dragline ✓																		
WH/EX: Married-1 Sex: Male Minority: Black																		
O			7.50	12.00	12.00	12.00		43.50 ✓	43.50	35.62 ✓	2,499.47 ✓	420.00	141.22	414.96	72.10	0.00	2,291.19 ✓	
R	11.50	12.00	12.00	4.50				40.00 ✓	40.00	23.75 ✓							Total deductions: 628.28 ✓	
MACDONALD, JAMES																		
P O BOX 622 SWARTZ LA 71281																		
XXX-XX-9915 Pay Class: oiler ✓																		
WH/EX: Single-1 Sex: Male Minority: Caucasian																		
O			7.50	12.00	12.00	12.00		43.50 ✓	43.50	22.50 ✓	1,578.75 ✓	315.00	89.20	289.74	46.40	0.00	1,468.41 ✓	
R	11.50	12.00	12.00	4.50				40.00 ✓	40.00	15.00 ✓							Total deductions: 425.34 ✓	
Totals								189.00	189.00		8,592.34		8,592.34		485.46	248.15		7,987.47
								160.00	160.00			1,470.00	1,470.00	1,298.86		42.40		

Checked by
Melanie B. Bailliet

Date 11/15/2012

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the
(Building or Work)

05 day of November, 2012, and ending the 11 day of November, 2012,
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subpart A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

Miscellaneous: Insurance

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the classifications
set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship
program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and
Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered
with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such employees,
except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (GRAFT) EXPLANATION

REMARKS:

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 2

Job No. d1212

Contract No.

For week ending 11/04/2012

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job	This Week	FICA/Medi	Fed	State	Other	Net			
	29	30	31	01	02	03	04	Job	Week	This Job	Hourly						Hourly	Hourly	Hourly
ABT, JOHN P O BOX 675 LAPLACE LA 70069 XXX-XX-6405 Pay Class: dragline WH/EX: Single-0 Sex: Male Minority: Caucasian																			
O								0.00	0.00	\$285.00	120.00	285.00	120.00	16.10	28.18	7.59	0.00	353.13 ✓	
R	6.00	6.00						12.00 ✓	12.00	23.75 ✓								51.87	
Total deductions: 51.87 ✓																			
DEVILLIER, DARYL 25914 PINECREST DR PICAYUNE MS 39466 XXX-XX-1316 Pay Class: dragline WH/EX: Married-4 Sex: Male Minority: Caucasian																			
O				8.00	12.00	12.00	12.00	44.00 ✓	44.00	35.62	\$2,517.28	420.00	2,517.28	420.00	142.23	364.61	72.63	0.00	2,357.81 ✓
R	12.00	12.00	12.00	4.00				40.00 ✓	40.00	23.75 ✓									579.47 ✓
Total deductions: 579.47 ✓																			
DEVILLIER JR, DARYL 807 BUCK RUN PEARL RIVER LA 70452 XXX-XX-7608 Pay Class: oiler WH/EX: Married-5 Sex: Male Minority: Caucasian																			
O				8.00	12.00	12.00	12.00	44.00 ✓	44.00	22.50	\$1,590.00	315.00	1,590.00	315.00	89.83	143.60	44.81	0.00	1,626.76 ✓
R	12.00	12.00	12.00	4.00				40.00 ✓	40.00	15.00 ✓									278.24 ✓
Total deductions: 278.24 ✓																			
HOLMES, TYRAN P O BOX 723 GRAY LA 70359 XXX-XX-3666 Pay Class: oiler WH/EX: Single-2 Sex: Male Minority: Black																			
O								0.00	0.00	\$335.00	180.00	335.00	180.00	18.93	14.75	5.92	0.00	475.40 ✓	
R	6.00	6.00	8.00					20.00 ✓	20.00	16.75 ✓									39.6 ✓
Total deductions: 39.6 ✓																			
JACKSON, NOEL N 9416 TARA DR SW COVINGTON GA 30014 XXX-XX-6691 Pay Class: dragline WH/EX: Married-1 Sex: Male Minority: Black																			
O								0.00	0.00	\$213.75	60.00	213.75	60.00	12.08	0.00	4.27	0.00	257.40 ✓	
R	9.00							9.00 ✓	9.00	23.75 ✓									16.35 ✓
Total deductions: 16.35 ✓																			
MACDONALD, JAMES P O BOX 622 SWARTZ LA 71281 XXX-XX-9915 Pay Class: oiler WH/EX: Single-1 Sex: Male Minority: Caucasian																			
O								0.00	0.00	\$135.00	45.00	135.00	45.00	7.63	2.06	3.09	0.00	167.22 ✓	
R	9.00							9.00 ✓	9.00	15.00 ✓									12.78 ✓
Total deductions: 12.78 ✓																			
Totals								88.00	88.00	\$5,076.03		5,076.03	286.80	553.20	138.31		0.00	5,237.72	
								130.00	130.00		1,140.00	1,140.00							

Date 11/08/12

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the
(Building or Work)

29 day of October, 2012, and ending the 04 day of November, 2012
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the classifications
set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship
program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and
Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered
with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

-- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such employees,
except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

-- Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 1

Job No. d1212

Contract No.

For week ending 10/28/2012

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net			
	22	23	24	25	26	27	28	Job	Week	Hourly	Addl	Hourly	Addl								
ABT, JOHN P O BOX 675 LAPLACE LA 70069								XXX-XX-6405	Pay Class: dragline ✓		WH/EX: Single-0		Sex: Male	Minority: Caucasian							
O	6.50	6.25	6.25	6.50	6.50	6.50	6.50	38.50 ✓	46.00	35.62 ✓	2,167.00	360.00	2,588.53	420.00	146.26	587.45	76.69	0.00	2,198.13 ✓		
R	5.50	5.75	5.75	5.50	5.50	5.50	5.50	33.50 ✓	40.00	23.75 ✓				Total deductions:			810.4 ✓				
HOLMES, TYRAN P O BOX 723 GRAY LA 70359								XXX-XX-3666	Pay Class: oiler ✓		WH/EX: Single-2		Sex: Male	Minority: Black							
O	6.50	6.25	6.25	6.50	6.50	6.50	6.50	38.50 ✓	46.00	25.12 ✓	1,528.25	360.00	1,825.53	420.00	103.14	333.16	50.63	0.00	1,758.60 ✓		
R	5.50	5.75	5.75	5.50	5.50	5.50	5.50	33.50 ✓	40.00	16.75 ✓				Total deductions:			486.93 ✓				
JACKSON, NOEL N 9416 TARA DR SW COVINGTON GA 30014								XXX-XX-6691	Pay Class: dragline ✓		WH/EX: Married-1		Sex: Male	Minority: Black							
O	3.25	6.50	7.75	7.75	7.75	7.50	7.50	48.00 ✓	48.00	35.62 ✓	2,659.77	420.00	2,659.77	420.00	150.28	455.04	76.91	0.00	2,397.54 ✓		
R	2.75	5.50	6.25	6.25	6.25	6.50	6.50	40.00 ✓	40.00	23.75 ✓				Total deductions:			682.23 ✓				
MACDONALD, JAMES P O BOX 622 SWARTZ LA 71281								XXX-XX-9915	Pay Class: oiler ✓		WH/EX: Single-1		Sex: Male	Minority: Caucasian							
O	3.25	6.50	7.75	7.75	7.75	7.50	7.50	48.00 ✓	48.00	22.50 ✓	1,680.01	315.00	1,680.01	315.00	94.92	315.05	49.44	0.00	1,535.60 ✓		
R	2.75	5.50	6.25	6.25	6.25	6.50	6.50	40.00 ✓	40.00	15.00 ✓				Total deductions:			459.41 ✓				
Totals								173.00	188.00	8,035.03		8,753.84		494.60	253.67	7,889.87					
								147.00	160.00	1,455.00		1,575.00		1,690.70	0.00						

Date 11/01/2012

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the
(Building or Work)

22 day of October, 2012, and ending the 28 day of October, 2012
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any persons and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below:

Standard Deductions: FICA, Medicare, Federal Income Tax, State Income Tax

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the
classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide
apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of
Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a
State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such
employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OFFICIAL STATEMENT MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 237
OF TITLE 31 OF THE UNITED STATES CODE.



P.O. BOX 1101 • VICKSBURG, MISSISSIPPI 39181 • TELEPHONE 601/636-5807 • FAX 601/636-8847

State of Louisiana
Coastal Protection & Restoration Authority
635 Cajundome Blvd.
Lafayette, LA 70506

Re: Brady Canal Hydrologic Restoration (TE-28)
2012 Maintenance Project
Terrebone Parish, Louisiana

Authorization to Sign Certified Payroll

To Whom It May Concern:

The purpose of this letter is to authorize Phyllis Oldenburg to sign certified payrolls for the Brady Canal Hydrologic Restoration Project, Project Number 2249211 for Southern Delta Construction LLC.

Our tax number and contact information is:

Tax No. 26-1592036
Company Name: Southern Delta Construction LLC
Address: P. O. Box 1101
Vicksburg, MS 39181
Phone: (601)636-5807
Fax: (601)636-8847

Is this a MBE/WBE (Minority or Woman owned business)? NO
Our contract amount is: \$1,351,000.00

If you have any questions, please do not hesitate to call me.

Sincerely,

Daniel K. Fordice, III
President



SKILL • RESPONSIBILITY • INTEGRITY

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources
 Contractor or Sub Southern Delta Construction, LLC
 Employee Daryl Devillier

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
<u>Life Insurance</u>	<u>\$42.40</u>

Employee Signature Daryl Devillier

Date MAR. 5, 2013

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources

Contractor or Sub Southern Delta Construction, LLC

Employee Rodney Howell

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
401(k) Deferral	\$100.00

Employee Signature Rodney D Howell

Date 04/11/2013

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources

Contractor or Sub Southern Delta Construction, LLC

Employee Donnell Jackson

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
401(k) Deferral	1% of Gross Wages

Employee Signature Donnell Jackson

Date 03/25/2013

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

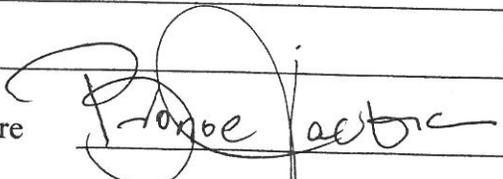
PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources
 Contractor or Sub Southern DeltaConstruction, LLC
 Employee Noel Jackson

One box should be marked with an "X". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
<u>Life Insurance</u>	<u>\$15.90</u>

Employee Signature 
 Date 3-5-2012

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources

Contractor or Sub Southern Delta Construction, LLC

Employee Troy Lindsey

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

X

I authorize weekly deduction(s) as described below.

I authorize a one-time deduction(s), as described below.

I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
401(k) Deferral	\$100.00

Employee Signature Troy Lindsey

Date 04/11/2013

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources

Contractor or Sub Southern Delta Construction, LLC

Employee Bruce Odom

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
401(k) Deferral	17% of Gross Wages

Employee Signature *Bruce Odom*

Date 03/25/2013

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources

Contractor or Sub Southern Delta Construction, LLC

Employee Jason Odom

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

Description of Additional Deductions*	Amount
401(k) Deferral	10% of Gross Wages

Employee Signature

Date 03/25/2013

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources
 Contractor or Sub Southern DeltaConstruction, LLC
 Employee Gregory Riley

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
 I authorize a one-time deduction(s), as described below.
 I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
Life Insurance	\$ 71.60
401K	5% of Gross
LOAN	\$ 100.00

Employee Signature Gregory J. Riley
 Date 3-4-13

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources

Contractor or Sub Southern Delta Construction, LLC

Employee Robert White

One box should be marked with an "X". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
401(k) Deferral	12% of Gross Wages

Employee Signature *Robert White*

Date 03/25/2013

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

Date 04/09/2013

Office Manager

I, Chrissie Luke (Title)

(Name of Signatory Party)

(1) That I pay or supervise the payment of the persons employed by Frogco Amphibious Equipment, LLC on the

(Contractor or Subcontractor)

Jug Lake Project; that during the payroll period commencing on the

24 day of 3, 2013, and ending the 30 day of 3, 2013,

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment, LLC from the full (Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That: (a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:
8 Hrs Holiday paid (Good Friday)

NAME AND TITLE Chrissie Luke - Office Manager	SIGNATURE <i>Chrissie Luke</i>
THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF 31 OF THE UNITED STATES CODE.	

U.S. Department of Labor
 Employment Standards Administration
 Wage and Hour Division

(For Contractor's Optional Use; See Instructions at www.dol.gov/esa/whd/forms/wh347instr.htm)

Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number.



U.S. Wage and Hour Division
 Rev. Dec. 2008

NAME OF CONTRACTOR OR SUBCONTRACTOR **Frogco Amphibious Equipment, LLC**
 ADDRESS **PO Box 3681**
 PAYROLL NO. **19** FOR WEEK ENDING **03/23/2013** PROJECT AND LOCATION **Jug Lake**
 PROJECT OR CONTRACT NO.

(1) NAME AND INDIVIDUAL IDENTIFYING NUMBER (e.g., LAST FOUR DIGITS OF SOCIAL SECURITY NUMBER) OF WORKER	(2) NO. OF WITHHOLDING EXEMPTIONS	(3) WORK CLASSIFICATION	OT. OR ST.	(4) DAY AND DATE							(5) TOTAL HOURS	(6) RATE OF PAY	(7) GROSS AMOUNT EARNED	(8) DEDUCTIONS					(9) NET WAGES PAID FOR WEEK	
				3/17	3/18	3/19	3/20	3/21	3/22	3/23				FICA	WITH- HOLDING TAX	Medicare	LA Withhold	OTHER		TOTAL DEDUCTIONS
				HOURS WORKED EACH DAY																
Fred Rodriguez Jr -- 7392	0	Operator	O	6.00	7.00	7.00	6.00	6.00		32.00	\$34.50	\$2,024.00	\$556.50	\$159.09	\$37.20	\$110.94	\$30.80	\$894.53	\$1,129.47	
			S	8.00	8.00	8.00	8.00	8.00		40.00	\$23.00	\$450.00								\$450.00
Fred Rodriguez Jr -- 7392	0	Operator	O	1.00	1.00	1.00	1.00	1.00		6.00	\$75.00									
			S																	

While completion of Form WH-347 is optional, it is mandatory for covered contractors and subcontractors performing work on Federally financed or assisted construction contracts to respond to the information collection contained in 29 C.F.R. §§ 3.3, 5.5(a). The Copeland Act (40 U.S.C. § 3145) contractors and subcontractors performing work on Federally financed or assisted construction contracts to "submit weekly a copy of all payrolls to the Federal agency contracting for or financing the construction project, accompanied by a signed 'Statement of Compliance' indicating that the payrolls are correct and complete and that each laborer or mechanic has been paid not less than the proper Davis-Bacon prevailing wage rate for the work performed. DOL and Federal contracting agencies receiving this information review the information to determine that employees have received legally required wages and fringe benefits.

We estimate that it will take an average of 55 minutes to complete this collection, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. If you have any comments regarding these estimates or any other aspect of this collection, including suggestions for reducing this burden, send them to the Administrator, Wage and Hour Division, ESA, U.S. Department of Labor, Room S3502, 200 Constitution Avenue, N.W. Washington, D.C. 20210

Public Burden Statement

Checked by Maxine B. Calloway

Date 04/09/2013

I, Chrissie Luke Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Frogco Amphibious Equipment, LLC

(Contractor or Subcontractor)

on the

Jug Lake Project; that during the payroll period commencing on the

(Building or Work)

17 day of 3, 2013, and ending the 23 day of 3, 2013,

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment, LLC

(Contractor or Subcontractor)

from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below.

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

NAME AND TITLE Chrissie Luke - Office Manager	SIGNATURE <i>Chrissie Luke</i>
THE WILLFUL FAUSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.	

U.S. Department of Labor
 Employment Standards Administration
 Wage and Hour Division

(For Contractor's Optional Use; See Instructions at www.dol.gov/esa/whd/forms/wh347instr.htm)
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NAME OF CONTRACTOR OR SUBCONTRACTOR

Froggo Amphibious Equipment, LLC

ADDRESS PO Box 3681

PAYROLL NO. 18

FOR WEEK ENDING

03/16/2013

PROJECT AND LOCATION Jug Lake

PROJECT OR CONTRACT NO.

OMB No.: 1215-0149
 Expires: 12/31/2011

(1) NAME AND INDIVIDUAL IDENTIFYING NUMBER (e.g. LAST FOUR DIGITS OF SOCIAL SECURITY NUMBER) OF WORKER	(2) NO. OF WITHHOLDING EXEMPTIONS	(3) WORK CLASSIFICATION	(4) DAY AND DATE							(5) TOTAL HOURS	(6) RATE OF PAY	(7) GROSS AMOUNT EARNED	(8) DEDUCTIONS					(9) NET WAGES PAID FOR WEEK	
			3/10	3/11	3/12	3/13	3/14	3/15	3/16				FICA	WITH-HOLDING TAX	Medicare	LA Withholdings	OTHER		TOTAL DEDUCTIONS
			HOURS WORKED EACH DAY																
Fred Rodriguez Jr -- 7392	0	Operator	2.00	2.00	2.00	2.00			8.00	\$34.50	\$1,196.00	\$172.00	\$92.75	\$21.70	\$44.03	\$61.60	\$392.08	\$803.92	
Fred Rodriguez Jr -- 7392	0	Operator	1.00	1.00	1.00	1.00			4.00	\$75.00	\$300.00							\$300.00	
Per Diem																			

While completion of Form WH-347 is optional, it is mandatory for covered contractors and subcontractors performing work on Federally financed or assisted construction contracts to respond to the information collection contained in 29 C.F.R. § 3.3, 5.5(a). The Copeland Act (40 U.S.C. § 3145) contractors and subcontractors performing work on Federally financed or assisted construction contracts to "turnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S. Department of Labor (DOL) regulations at 29 C.F.R. § 5.5(a)(3)(ii) require contractors to submit weekly a copy of all payrolls to the Federal agency contracting for or financing the construction project, accompanied by a signed "Statement of Compliance" indicating that the payrolls are correct and complete and that each laborer or mechanic has been paid not less than the proper Davis-Bacon prevailing wage rate for the work performed. DOL and Federal contracting agencies receiving this information to determine that employees have received legally required wages and fringe benefits.

Public Burden Statement
 We estimate that it will take an average of 55 minutes to complete this collection, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. If you have any comments regarding these estimates or any other aspect of this collection, including suggestions for reducing this burden, send them to the Administrator, Wage and Hour Division, ESA, U.S. Department of Labor, Room S3502, 200 Constitution Avenue, N.W. Washington, D.C. 20210

Date 04/09/2013

I, Chrissie Luke

Office Manager

(Name of Signatory Party)

(Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Frogco Amphibious Equipment, LLC

(Contractor or Subcontractor)

on the

Jug Lake Project

(Building or Work)

that during the payroll period commencing on the

10 day of 3, 2013, and ending the 16 day of 3, 2013,

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment, LLC

(Contractor or Subcontractor)

from the full weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3, (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (GRAFT)

EXPLANATION

REMARKS:

REMARKS:

NAME AND TITLE Chrissie Luke - Office Manager	SIGNATURE <i>Chrissie B. Luke</i>
THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.	

U.S. Department of Labor
Employment Standards Administration
Wage and Hour Division

PAYROLL

(For Contractor's Optional Use; See Instructions at www.dol.gov/esa/whhd/forms/wh347instr.htm)
Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number.



NAME OF CONTRACTOR OR SUBCONTRACTOR **Frogco Amphibious Equipment, LLC**
ADDRESS **PO Box 3681**
PROJECT AND LOCATION **Jug Lake**
PROJECT OR CONTRACT NO. _____

PAYROLL NO. **17**
FOR WEEK ENDING **02/16/2013**
OMB No.: 1215-0149
Expires: 12/31/2011

(1) NAME AND INDIVIDUAL IDENTIFYING NUMBER (e.g., LAST FOUR DIGITS OF SOCIAL SECURITY NUMBER) OF WORKER	(2) NO. OF WITHHOLDING EXEMPTIONS	(3) WORK CLASSIFICATION	OT. OR ST.	(4) DAY AND DATE							(5) TOTAL HOURS	(6) RATE OF PAY	(7) GROSS AMOUNT EARNED	(8) DEDUCTIONS					(9) NET WAGES PAID FOR WEEK	
				2/10	2/11	2/12	2/13	2/14	2/15	2/16				FICA	WITH-HOLDING TAX	Medicare	LA Withhold	OTHER		TOTAL DEDUCTIONS
				HOURS WORKED EACH DAY																
Fred Rodriguez Jr -- 7392	0	Operator	O	4.00	6.00	6.00	4.00	6.00		26.00	\$34.50	\$2,001.00	\$488.00	\$143.93	\$33.66	\$98.59	\$30.80	\$794.98	\$1,206.02	
			S	8.00	8.00	8.00	8.00	8.00	8.00		48.00	\$23.00	\$375.00							
Fred Rodriguez Jr -- 7392	0	Operator	O	1.00	1.00	1.00	1.00	1.00		5.00	\$75.00									
			S																	

While completion of Form WH-347 is optional, it is mandatory for covered contractors and subcontractors performing work on Federally financed or assisted construction contracts to respond to the information collection contained in 29 C.F.R. §§ 3.3, 5.5(a). The Copeland Act (40 U.S.C. § 3145) contractors and subcontractors performing work on Federally financed or assisted construction contracts to submit weekly a statement with respect to the wages paid each employee during the preceding week. U.S. Department of Labor (DOL) regulations at 29 C.F.R. § 5.5(a)(3)(ii) require contractors to submit weekly a copy of all payrolls to the Federal agency contracting for or financing the construction project, accompanied by a signed "Statement of Compliance" indicating that the payrolls are correct and complete and that each laborer or mechanic has been paid not less than the proper Davis-Bacon prevailing wage rate for the work performed. DOL and federal contracting agencies receiving this information review the information to determine that employees have received legally required wages and fringe benefits.

Public Burden Statement We estimate that it will take an average of 55 minutes to complete this collection, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. If you have any comments regarding these estimates or any other aspect of this collection, including suggestions for reducing this burden, send them to the Administrator, Wage and Hour Division, ESA, U.S. Department of Labor, Room S3502, 200 Constitution Avenue, N.W. Washington, D.C. 20210

Date 04/09/2013

Chrissie Luke

Office Manager

(Name of Signatory Party)

(Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Frogco Amphibious Equipment, LLC

on the

(Contractor or Subcontractor)

Jug Lake Project

; that during the payroll period commencing on the

(Building or Work)

10 day of 2, 2013, and ending the 16 day of 2, 2013,

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment, LLC

from the full

(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3.29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357; 40 U.S.C. § 3145), and described below:

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

8 Hrs Paid for Holiday Pay (Mardi Gras)

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor, employees, except as noted in section 4(c) below.

NAME AND TITLE Chrissie Luke - Office Manager	SIGNATURE 
THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.	

U.S. Department of Labor
Employment Standards Administration
 Wage and Hour Division

(For Contractor's Optional Use; See Instructions at www.dol.gov/esa/whd/forms/wh347instr.htm)
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PAYROLL



OMB No.: 1215-0149
 Expires: 12/31/2011
 Rev. Dec. 2008

NAME OF CONTRACTOR OR SUBCONTRACTOR **Frogco Amphibious Equipment, LLC**

PAYROLL NO. **16** FOR WEEK ENDING **02/09/2013**

PROJECT AND LOCATION **Jug Lake**

ADDRESS **PO Box 3681**

PROJECT OR CONTRACT NO.

(1) NAME AND INDIVIDUAL IDENTIFYING NUMBER (e.g., LAST FOUR DIGITS OF SOCIAL SECURITY NUMBER) OF WORKER	(2) NO. OF WITHHOLDING EXEMPTIONS	(3) WORK CLASSIFICATION	(4) DAY AND DATE							(5) TOTAL HOURS	(6) RATE OF PAY	(7) GROSS AMOUNT EARNED	(8) DEDUCTIONS					(9) NET WAGES PAID FOR WEEK		
			OT.	OR	ST.	2/3	2/4	2/5	2/6				2/7	2/8	2/9	FICA	WITH-HOLDING TAX		Medicare	LA Withhold ⁺
Fred Rodriguez Jr -- 7392	0	Operator									4.00	\$34.50	\$1,817.00	\$488.00	\$143.93	\$33.66	\$98.59	\$30.80	\$794.98	\$1,022.02
			S	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	40.00	\$23.00	\$920.00						
Fred Rodriguez Jr -- 7392	0	Operator									1.00									
			S	1.00	1.00	1.00	1.00	1.00	1.00	1.00	6.00	\$75.00	\$450.00							

While completion of Form WH-347 is optional, it is mandatory for covered contractors and subcontractors performing work on Federally financed or assisted construction contracts to respond to the information collection contained in 29 C.F.R. §§ 3.3, 5.5(a). The Copeland Act (40 U.S.C. § 3145) contractors and subcontractors performing work on Federally financed or assisted construction contracts to "turnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S. Department of Labor (DOL) regulations at 29 C.F.R. § 5.5(a)(3)(ii) require contractors to submit weekly a copy of all payrolls to the Federal agency contracting for or financing the construction project, accompanied by a signed "Statement of Compliance" indicating that the payrolls are correct and complete and that each laborer or mechanic has been paid not less than the proper Davis-Bacon prevailing wage rate for the work performed. DOL and Federal contracting agencies receiving this information review the information to determine that employees have received legally required wages and fringe benefits.

Public Burden Statement
 We estimate that it will take an average of 55 minutes to complete this collection, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. If you have any comments regarding these estimates or any other aspect of this collection, including suggestions for reducing this burden, send them to the Administrator, Wage and Hour Division, ESA, U.S. Department of Labor, Room S3302, 200 Constitution Avenue, N.W., Washington, D.C. 20210

Checked by Melaine B. Callaway

Date 04/09/2013

I, Chrissie Luke (Name of Signatory Party) Office Manager (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Frogco Amphibious Equipment, LLC

(Contractor or Subcontractor)

on the

Jug Lake Project

; that during the payroll period commencing on the

(Building or Work)

3 day of 2 2013, and ending the 9 day of 2 2013,

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment, LLC

from the full

(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 946, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

<p>NAME AND TITLE Chrissie Luke - Office Manager</p>	<p>SIGNATURE <i>Chrissie Luke</i></p>
--	---

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Date 02/06/2013

I, Christie Luke Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Frogco Amphibious Equipment LLC on the

(Contractor or Subcontractor)

Jug Lake Project

(Building or Work)

that during the payroll period commencing on the

27 day of 1 2013 and ending the 2 day of 2, 2013,

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

NAME AND TITLE Christie Luke - Office Manager	SIGNATURE <i>Christie Luke</i>
THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE	

Date 02/06/2013

Christie Luke

Office Manager

(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

Jug Lake Project

(Building or Work)

20 / day of 1 2013 and ending the 26 / day of 1 2013

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below.

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

NAME AND TITLE Christie Luke - Office Manager	SIGNATURE 
THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.	

Date 02/06/2013

Christie Luke

Office Manager

(Name of Signatory Party)

(Title)

(1) That I pay or supervise the payment of the persons employed by

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

Jug Lake Project

(Building or Work)

13 day of 12 1, 2012 and ending the 19 day of 1, 2013

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

NAME AND TITLE Christie Luke - Office Manager	SIGNATURE 
THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.	

Date 02/06/2013

Christie Luke

Office Manager

(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

on the

Jug Lake Project

(Building or Work)

that during the payroll period commencing on the

6 day of 12, 2012, and ending the 12 day of 1, 2013.

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

NAME AND TITLE

Christie Luke - Office Manager

SIGNATURE

Christie Luke

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Date 02/06/2013

Chrissie Luke

Office Manager

(Name of Signatory Party)

(Title)

I, _____

do hereby state: (1) That I pay or supervise the payment of the persons employed by

Frogco Amphibious Equipment, LLC

(Contractor or Subcontractor)

Jug Lake Project

(Building or Work)

_____ that during the payroll period commencing on the

30 day of 12, 2012, and ending the 5 day of 1, 2013,

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment, LLC

(Contractor or Subcontractor)

_____ from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS - in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:
*Ile mo - Holiday pay for New Year Eve & New Years Day
Ile mo - Paid Vacation Days*

NAME AND TITLE Chrissie Luke - Office Manager	SIGNATURE <i>Chrissie B. Luke</i>
THE WILLFUL FAISIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.	

U.S. Department of Labor
 Employment Standards Administration
 Wage and Hour Division

PAYROLL
 (For Contractor's Optional Use: See Instructions at www.dol.gov/esah/whd/forms/wh347instr.htm)
 Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number.



U.S. Wage and Hour Division
 Rev. Dec. 2008

NAME OF CONTRACTOR OR SUBCONTRACTOR **Frogo Amphibious Equipment LLC**
 PAYROLL NO. **10**
 FOR WEEK ENDING **12/29/2012**
 PROJECT AND LOCATION **Jug Lake**
 ADDRESS **PO Box 3681 Houma, La. 70361**
 PROJECT OR CONTRACT NO.

(1) NAME AND INDIVIDUAL IDENTIFYING NUMBER (e.g., LAST FOUR DIGITS OF SOCIAL SECURITY NUMBER) OF WORKER	(2) NO. OF WITHHOLDING EXEMPTIONS	(3) WORK CLASSIFICATION	(4) DAY AND DATE							(5) TOTAL HOURS	(6) RATE OF PAY	(7) GROSS AMOUNT EARNED	(8) DEDUCTIONS				(9) NET WAGES PAID FOR WEEK								
			OT. OF ST.										FICA	WITH-HOLDING TAX	Medicare	LA Withhold ⁺		OTHER	TOTAL DEDUCTIONS						
			12/23	12/24	12/25	12/26	12/27	12/28	12/29																
Fred Rodriguez Jr -- 7392	0	Operator								10.00	12.00	12.00	10.00	10.00	10.00	74.00	\$34.50	\$1,702.00	\$126.79	\$415.00	\$29.65	\$84.63	\$30.80	\$686.87	\$1,015.13
Fred Rodriguez Jr -- 7392 Per Diem	0	Operator										1.00	1.00			2.00	\$75.00	\$150.00							\$150.00

While completion of Form WH-347 is optional, it is mandatory for covered contractors and subcontractors performing work on Federally financed or assisted construction contracts to respond to the information collection contained in 29 C.F.R. §§ 3.3, 5.5(a). The Copeland Act (40 U.S.C. § 3145) contractors and subcontractors performing work on Federally financed or assisted construction contracts to "turnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S. Department of Labor (DOL) regulations at 29 C.F.R. § 5.5(a)(3)(ii) require contractors to submit weekly a copy of all payrolls to the Federal agency contracting for or financing the construction project, accompanied by a signed "Statement of Compliance" indicating that the payrolls are correct and complete and that each laborer or mechanic has been paid not less than the proper Davis-Bacon prevailing wage rate for the work performed. DOL and Federal contracting agencies receiving this information review the information to determine that employees have received legally required wages and fringe benefits.

Public Burden Statement Checked by *BUS Mulvaney B Mulvaney*
 We estimate that it will take an average of 55 minutes to complete this collection, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. If you have any comments regarding these estimates or any other aspect of this collection, including suggestions for reducing this burden, send them to the Administrator, Wage and Hour Division, ESA, U.S. Department of Labor, Room S3502, 200 Constitution Avenue, N.W., Washington, D.C. 20210

Date 02/06/2013

Chrissie Luke Office Manager

(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

Jug Lake Project

(Building or Work)

23 day of 12, 2012, and ending the 29 day of 12, 2012,

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 53 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below.

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

*12/24 & 12/25 Holiday Pay
12/23, 12/28, & 12/29 - Vacation Pay*

NAME AND TITLE
Chrissie Luke - Office Manager

SIGNATURE
Chrissie Luke

THE WILLFUL FAISIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Date 02/06/2013

Christie Luke Office Manager

(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

on the

Jug Lake Project

(Building or Work)

that during the payroll period commencing on the

16 day of 12, 2012, and ending the 22 day of 12, 2012,

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A) issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below.

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

NAME AND TITLE Christie Luke - Office Manager	SIGNATURE <i>Christie Luke</i>
THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.	

Date 02/06/2013

Christie Luke

Office Manager

I, _____ (Name of Signatory Party) _____ (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

on the

Jug Lake Project

(Building or Work)

_____ that during the payroll period commencing on the

9 / day of 12, 2012, and ending the 15 day of 12, 2012,

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3, 29 C.F.R. Subtitle A, issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

NAME AND TITLE

Christie Luke - Office Manager

SIGNATURE

Christie Luke

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Date 02/06/2013

Chrissie Luke Office Manager

(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

Jug Lake Project

(Building or Work)

that during the payroll period commencing on the

2 day of 12, 2012, and ending the 8 day of 12, 2012,

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment LLC from the full (Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

NAME AND TITLE Chrissie Luke - Office Manager	SIGNATURE <i>Chrissie Luke</i>
THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.	

Date 02/06/2013

Chrissie Luke

Office Manager

(Name of Signatory Party)

(Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

on the

Jug Lake Project

(Building or Work)

that during the payroll period commencing on the

25 / day of 11, 2012, and ending the 1 / day of 12, 2012,

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357; 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS



in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH



Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

<p>NAME AND TITLE Chrissie Luke - Office Manager</p>	<p>SIGNATURE <i>Chrissie P. Luke</i></p>
--	--

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Date 02/06/2013

Christie Luke

Office Manager

(Name of Signatory Party)

(Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

on the

Jug Lake Project

(Building or Work)

18 day of 11, 2012, and ending the 24 day of 11, 2012,

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

NOTE: 2-8hr days were Holiday Pay.

NAME AND TITLE Christie Luke - Office Manager	SIGNATURE <i>Christie Luke</i>
THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.	

Date 02/06/2013

Christie Luke

Office Manager

(Name of Signatory Party)

(Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Frogco Amphibious Equipment, LLC

(Contractor or Subcontractor)

Jug Lake Project

(Building or Work)

11 day of 11 2012, and ending the 17 day of 11 2013,

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment, LLC

(Contractor or Subcontractor)

from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below.

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

20 hours paid for vacation pay.

NAME AND TITLE
Christie Luke - Office Manager

SIGNATURE
Christie Luke

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Date 02/06/2013

I, Christie Luke Office Manager

(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

Jug Lake Project
(Building or Work)

that during the payroll period commencing on the

4 day of 11, 2012, and ending the 10 day of 11, 2012,

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

NAME AND TITLE Christie Luke - Office Manager	SIGNATURE <i>Christie Luke</i>
THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.	

Date 02/06/2013

Chrissie Luke

Office Manager

(Name of Signatory Party)

(Title)

I, _____

do hereby state: (1) That I pay or supervise the payment of the persons employed by

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

Jug Lake Project

(Building or Work)

_____ that during the payroll period commencing on the

28 day of 10, 2012, and ending the 3 day of 11, 2012,

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment LLC

(Contractor or Subcontractor)

_____ from the full weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

Empty box for REMARKS.

NAME AND TITLE Chrissie Luke - Office Manager	SIGNATURE <i>Chrissie B. Luke</i>
THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.	

Date 02/06/2013

Chrissie Luke

Office Manager

(Name of Signatory Party)

(Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Frogco Amphibious Equipment LLC

on the

(Contractor or Subcontractor)

Jug Lake Project

(Building or Work)

that during the payroll period commencing on the

~~10~~ day of 10, 2012, and ending the 27 day of 10, 2012,

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment LLC

from the full

(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below.

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete, that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

Empty box for REMARKS.

NAME AND TITLE Chrissie Luke - Office Manager	SIGNATURE <i>Chrissie Luke</i>
THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE	

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources
Contractor or Sub Southern Delta Construction, LLC Frogco
Employee Fred Rodriguez Jr

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
 I authorize a one-time deduction(s), as described below.
 I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
<u>Life Insurance -</u>	<u>61.60</u>

Employee Signature Fred Rodriguez Jr
Date April 23, 13

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources

Contractor or Sub Southern Delta Construction, LLC

Employee Fred Rodriguez Jr

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
Life/Disability Insurance	30.80

Employee Signature *Fred C. Rodriguez Jr*

Date March 6, 2013

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.



AMPHIBIOUS EQUIPMENT, INC.

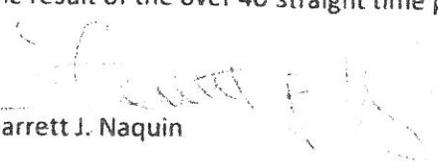
February 21, 2013

Re: Certified Payroll – Signature Authorization

I, Garrett J. Naquin, grant permission to Chrissie Luke, Frogco's Payroll Manager to sign off on the Certified Payroll documents.

Explanation for the additional straight time paid over 40 hours for Fred Rodriquez:

During the December 2012-January 2013 payrolls Fred was paid Holiday pay and vacation pay. This is the result of the over 40 straight time paid during said time frame.


Garrett J. Naquin

Owner / President





P.O. BOX 309 • BOURG, LOUISIANA 70343 • TELEPHONE & FAX 985/872-9405

February 19, 2013

Providence/GSE
991 Grand Caillou Road
Houma, LA 70363

Reference: Brady Canal Hydrologic Restoration Project (TE-28)
File No. T 28354 DL
Purchase Order Number 3854789

Attn: Mr Melanie B Caillouet, PE

Dear Madam,

We are in receipt of your letter of February 18, 2013 concerning pay roll requirements. We have enclosed all additional information requested.

Southern Delta had skipped payrolls 3 to 11. They are included along with voluntary deduction forms for two additional employees who did not show on the payrolls submitted.

Frisco Construction Co did have people on site for only the one payroll which was submitted.

Frogco Amphibious Equipment, LLC explained that the hours in excess of 40 were hours paid for vacation pay or holiday pay and they did combine the payrolls for two weeks into one submittal.

If you have any questions we can be reached at 985-209-9884.

Regards,
Southern Delta Construction, LLC


Michael Mayeux
Vice President

cc: Mr. Adam Ledet, LA DNR



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U.S. Department of Labor
Wage and Hour Division

PAYROLL
(For Contractor's Optional Use; See instructions at www.doi.gov/whd/forms/wh347Instr.htm)
Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number.

Rev. Dec. 2008

OMB No.: 1215-0149
Expires: 12/31/2011

NAME OF CONTRACTOR OR SUBCONTRACTOR **FRISCO CONSTRUCTION CO., INC**

ADDRESS **PMB 427 1237 GRAND CAILLOU RD. HOUMA, LA. 70363**

PROJECT AND LOCATION **FRISCO CONSTRUCTION CO., INC**

PROJECT OR CONTRACT NO.

PAYROLL NO. **1** FOR WEEK ENDING **12/08/2012**

(1) NAME AND INDIVIDUAL IDENTIFYING NUMBER (e.g. LAST FOUR DIGITS OF SOCIAL SECURITY NUMBER OF WORKER)	(2) SOCIAL SECURITY NUMBER	(3) WORK CLASSIFICATION	(4) DAY AND DATE							(5) TOTAL HOURS	(6) RATE OF PAY	(7) GROSS AMOUNT EARNED	(8) DEDUCTIONS				(9) NET WAGES PAID FOR WEEK	
			HOURS WORKED EACH DAY										FICA	WITH- HOLDING TAX	FED WH	TOTAL DEDUCTIONS		OTHER
			M	T	W	T	F	S	S									
RICHARD RONQUILLO - 0079		CAPTAIN								8.00	\$325.00	\$91.82	\$51.18	\$202.43	\$55.73	\$401.16	\$1,223.84	
EVERETT CHAUVIN - 0044		FOREMAN								40.63	\$1,625.00	\$71.12	\$46.04	\$137.09	\$275.41	\$529.66	\$729.09	
CHRIS ABSHIRE - 8978		LABORER								26.50	\$1,258.75	\$37.57	\$17.12	\$52.30		\$106.99	\$558.01	
LUIS GUZMAN - 3887		LABORER								14.00	\$665.00	\$40.25	\$9.70	\$19.13		\$69.08	\$643.42	
OSCAR GUZMAN - 7881		LABORER								15.00	\$712.50	\$32.20	\$1.88	\$9.02		\$43.10	\$526.90	
TYRONE VERDIN - 6521		LABORER								12.00	\$570.00	\$32.21	\$17.24	\$70.93		\$120.38	\$449.62	

While completion of Form WH-347 is optional, it is mandatory for covered contractors and subcontractors performing work on Federally financed or assisted construction contracts to respond to the information collection contained in 29 C.F.R. §§ 3.3, 6.5(a), The Copeland Act (40 U.S.C. § 3145) contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S. Department of Labor (DOL) regulations at 29 C.F.R. § 5.5(a)(3)(ii) require contractors to submit weekly a copy of all payrolls to the Federal agency contracting for or financing the construction project, accompanied by a signed "Statement of Compliance" indicating that the payrolls are correct and complete and that each laborer or mechanic has been paid not less than the proper Davis-Bacon prevailing wage rate for the work performed. DOL and federal contracting agencies receiving this information review the information to determine that employees have received legally required wages and fringe benefits.

Public Burden Statement
We estimate that it will take an average of 65 minutes to complete this collection, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. If you have any comments regarding these estimates or any other aspect of this collection, including suggestions for reducing this burden, send them to the Administrator, Wage and Hour Division, U.S. Department of Labor, Room S3502, 200 Constitution Avenue, N.W., Washington, D.C. 20210

Checked by
Melanie Blair

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources

Contractor or Sub ~~Southern Delta Construction, LLC~~ Frisco Construction

Employee EVERETT CHAUVIN

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
<u>Group Ins.</u>	<u>232.85</u>
<u>Long-Term Dis.</u>	<u>4.80</u>
<u>IRA</u>	<u>37.76</u>
	<u>275.41</u>

Employee Signature x *Everett Chauvin*

Date 3/4/13

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources

Contractor or Sub ~~Southern Delta Construction, LLC~~ Frisco Construction

Employee Richard Ronquillo

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
<u>IRA</u>	<u>48.75</u>
<u>Long. Term Dis.</u>	<u>6.98</u>
	<u>55.73</u>

Employee Signature Richard Ronquillo

Date 3-4-13

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

ATTACHMENT “K”

DBA/DBRA Compliance



P.O. BOX 309 • BOURG, LOUISIANA 70343 • TELEPHONE & FAX 985/872-9405

April 23, 2013

Providence/GSE
991 Grand Caillou Road
Houma, LA 70363

Reference: Brady Canal Hydrologic Restoration Project (TE-28)
File No. T 28354 DL
Purchase Order Number 3854789

Attn: Mr Melanie B Caillouet, PE

Dear Madam,

We are in receipt of your letter of April 22, 2013 concerning pay roll requirements.

For concern 1, we have the following comments. Mr. Aaron Mayeux was the project superintendent and was on the project every day until he left our employment on February 15, 2013. He is paid a monthly salary and will not show on any payrolls for mechanics and laborers. The superintendent, quality control personnel and survey personnel are considered to be professional occupation and mechanics or laborers as defined under the Davis Bacon. On the days in questions we do not show Southern Delta operating any equipment, or placing any fabric or rip rap. If he did do any of this work it was less than 20% of his total time.

For concern 2, we are attaching a new authorized deduction form for Mr. Fred Rodriguez, Jr. This extra deduction was to catch up a week when he did not work.

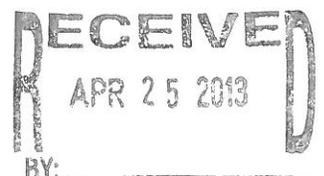
For concern 3, Mr Brian Hebert was the Frogco Amphibious boat operator but was also the subcontractors on site supervisor. He is paid a salary and if he did help out with any work it was well below 20% of the time.

As such neither of these gentlemen were required to be placed on the payroll.

If you have any questions we can be reached at 985-209-9884.



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Regards,
Southern Delta Construction, LLC

A handwritten signature in black ink, appearing to read "Michael Mayeux". The signature is written in a cursive style with a large, sweeping flourish at the end.

Michael Mayeux
Vice President

Record of Employee Interview

U.S. Department of Housing and Urban Development Office of Labor Relations

OMB Approval No. 2501-0
(exp. 10/31/20)

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This agency may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number. The information is collected to ensure compliance with the Federal labor standards by recording interviews with construction workers. The information collected will assist HUD in the conduct of compliance monitoring; the information will be used to test the veracity of certified payroll reports submitted by the employer. **Sensitive Information.** The information collected on this form is considered sensitive and is protected by the Privacy Act. The Privacy Act requires that records be maintained with appropriate administrative, technical, and physical safeguards to ensure their security and confidentiality. In addition, these records should be protected against any anticipated threats or hazards to their security or integrity that could result in substantial harm, embarrassment, inconvenience, or unfairness to any individual on whom the information is maintained. **The information collected herein is voluntary, and any information provided shall be kept confidential.**

1a. Project Name Brady Hydr. Restoration Project			2a. Employee Name RILEY, GREGORY D.		
1b. Project Number TE 28			2b. Employee Phone Number (including area code) 985-335-6708215		
1c. Contractor or Subcontractor (Employer) Southern Delta Construction			2c. Employee Home Address & Zip Code 52553 Thigpen Rd. FRANKLINTON, LA, 70438		
3a. How long on this job? 1-15-13 1-12-13			3b. Last date on this job before today? 1-13-13 3-13-13	3c. No. of hours last day on this job? 10 10	4a. Hourly rate of pay? 20.25 \$20.49
			4b. Fringe Benefits?		4c. Pay stub?
			Vacation Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
			Medical Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
			Pension Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
5. Your job classification(s) (list all) --- continue on a separate sheet if necessary					

6. Your duties
Excavation Operator ✓

Tools or equipment used
336 DL CAT Excavator

8. Are you an apprentice or trainee? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N
9. Are you paid for all hours worked? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	11. Have you ever been threatened or coerced into giving up any part of your pay? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N

12a. Employee Signature Gregory D. Riley	12b. Date 3/13/13
--	-----------------------------

13. Duties observed by the Interviewer (Please be specific.)

14. Remarks

15a. Interviewer name (please print) Jimmy Theriot	15b. Signature of Interviewer [Signature]	15c. Date of interview 3/14/13
--	---	--

Payroll Examination

16. Remarks
Payroll shows he is paid \$0.20 more than he stated. Last day on job was day before (most likely typo by interviewer)

17a. Signature of Payroll Examiner Melanie B Caillat	17b. Date 4-22-13
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Previous editions are obsolete

Record of Employee Interview

U.S. Department of Housing and Urban Development Office of Labor Relations

OMB Approval No. 2501-0
(exp. 10/31/20)

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources gathering and maintaining the data needed, and completing and reviewing the collection of information. This agency may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number. The information is collected to ensure compliance with the Federal labor standards by recording interviews with construction workers. The information collected will assist HUD in the conduct of compliance monitoring; the information will be used to test the veracity of certified payroll reports submitted by the employer. **Sensitive Information.** The information collected on this form is considered sensitive and is protected by the Privacy Act. The Privacy Act requires that records be maintained with appropriate administrative, technical, and physical safeguards to ensure their security and confidentiality. In addition, these records should be protected against any anticipated threats or hazards to their security or integrity that could result in substantial harm, embarrassment, inconvenience, or unfairness to any individual on whom the information is maintained. **The information collected herein is voluntary, and any information provided shall be kept confidential.**

1a. Project Name Brady Canal Restoration Project			2a. Employee Name Tray Lindsey		
1b. Project Number TE-28			2b. Employee Phone Number (including area code) 601-415-2590		
1c. Contractor or Subcontractor (Employer) Southern Delta Construction			2c. Employee Home Address & Zip Code Highway 27 Vicksburg MS 39180		
3a. How long on this job? 3-13-13 <i>First Day</i>			3b. Last date on this job before today? 3/13/13		3c. No. of hours last day on this job? 10
4a. Hourly rate of pay? \$22.85		4b. Fringe Benefits?		4c. Pay stub?	
		Vacation Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>	
		Medical Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
		Pension Yes <input type="checkbox"/> No <input type="checkbox"/>			
5. Your job classification(s) (list all) --- continue on a separate sheet if necessary Laborer					
6. Your duties					

Tools or equipment used

8. Are you an apprentice or trainee? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week? <input type="checkbox"/> Y <input type="checkbox"/> N
9. Are you paid for all hours worked? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	11. Have you ever been threatened or coerced into giving up any part of your pay? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N

12a. Employee Signature Tray Lindsey	12b. Date 3-13-13
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13. Duties observed by the Interviewer (Please be specific.)
General Labor (Place fabric & clean work zone)

14. Remarks

15a. Interviewer name (please print) Jimmy Theriot	15b. Signature of Interviewer Jimmy Theriot	15c. Date of interview 3/14/13
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Payroll Examination

16. Remarks
Everything checks out

17a. Signature of Payroll Examiner Melanie B. Cailleaux	17b. Date 4-22-13
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Record of Employee Interview

U.S. Department of Housing and Urban Development Office of Labor Relations

OMB Approval No. 2501-0
(exp. 10/31/20)

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1a. Project Name <i>Brady Canal Hydr. Restoration Project</i>		2a. Employee Name <i>Rodney D Howell</i>	
1b. Project Number <i>TE-28</i>		2b. Employee Phone Number (including area code) <i>601-638-2140</i>	
1c. Contractor or Subcontractor (Employer) <i>Southern Delta Construction</i>		2c. Employee Home Address & Zip Code <i>4619 Nailor Rd Vicksburg MS 39180</i>	
3a. How long on this job? <i>3-13-13</i>		3b. Last date on this job before today? <i>3/13/13</i>	
3c. No. of hours last day on this job? <i>10</i>		4a. Hourly rate of pay? <i>\$20.75</i>	
		4b. Fringe Benefits?	
		Vacation Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
		Medical Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
		Pension Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
		4c. Pay stub? Yes <input type="checkbox"/> No <input type="checkbox"/>	

5. Your job classification(s) (list all) --- continue on a separate sheet if necessary
Operator laborer

6. Your duties
Operate equipment

Tools or equipment used
Heavy Equipment

8. Are you an apprentice or trainee?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
9. Are you paid for all hours worked?	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	11. Have you ever been threatened or coerced into giving up any part of your pay?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N

12a. Employee Signature
Rodney D Howell

12b. Date
3-13-13

13. Duties observed by the Interviewer (Please be specific.)
General Labor (Place fabric + clean work zone) laborer

14. Remarks

15a. Interviewer name (please print)
Jimmy Theriot

15b. Signature of Interviewer
[Signature]

15c. Date of interview
3/14/13

Payroll Examination

16. Remarks
Although the employee stated he was an operator. He was observed doing laborer duties which is his classification on the payroll.

17a. Signature of Payroll Examiner
Melanie B Caillaud

17b. Date
4-22-13

Previous editions are obsolete

Record of Employee Interview

U.S. Department of Housing and Urban Development Office of Labor Relations

OMB Approval No. 2501-01
(exp. 10/31/20)

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources gathering and maintaining the data needed, and completing and reviewing the collection of information. This agency may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number. The information is collected to ensure compliance with the Federal labor standards by recording interviews with construction workers. The information collected will assist HUD in the conduct of compliance monitoring; the information will be used to test the veracity of certified payroll reports submitted by the employer. **Sensitive Information.** The information collected on this form is considered sensitive and is protected by the Privacy Act. The Privacy Act requires that the records be maintained with appropriate administrative, technical, and physical safeguards to ensure their security and confidentiality. In addition, these records should be protected against any anticipated threats or hazards to their security or integrity that could result in substantial harm, embarrassment, inconvenience, or unfairness to any individual on whom the information is maintained. **The information collected herein is voluntary, and any information provided shall be kept confidential.**

1a. Project Name <i>Brady Canal Restoration Project</i>		2a. Employee Name <i>Tyran Holmes</i>	
1b. Project Number <i>TF-28</i>		2b. Employee Phone Number (including area code) <i>985-791-4651</i>	
1c. Contractor or Subcontractor (Employer) <i>Southern Delta Construction</i>		2c. Employee Home Address & Zip Code <i>121 Sheila Ct Gray LA 70359</i>	
2d. Verification of Identification? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
3a. How long on this job? <i>10/29/12</i> <i>First day on this job 10/23</i>	3b. Last date on this job before today? <i>3-13-13</i>	3c. No. of hours last day on this job? <i>10</i>	4a. Hourly rate of pay? <i>\$17.50</i> <i>17.20</i> <i>+\$60.00/Day</i>
4b. Fringe Benefits?		4c. Pay stub?	
Vacation Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Medical Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>	
Pension Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>	

5. Your job classification(s) (list all) --- continue on a separate sheet if necessary
Laborer Oiler

6. Your duties
Labor

Tools or equipment used
N/A

8. Are you an apprentice or trainee? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N
9. Are you paid for all hours worked? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	11. Have you ever been threatened or coerced into giving up any part of your pay? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N

12a. Employee Signature <i>Tyran Holmes</i>	12b. Date <i>3-13-13</i>
--	-----------------------------

13. Duties observed by the Interviewer (Please be specific.)
General labor (Place fabric & clean work zone)

14. Remarks

15a. Interviewer name (please print) <i>Jimmy Theriot</i>	15b. Signature of Interviewer <i>Jimmy Theriot</i>	15c. Date of interview <i>3/14/13</i>
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Payroll Examination

16. Remarks
Pay rate doesn't match payroll.

17a. Signature of Payroll Examiner <i>Melanie B. Caillaud</i>	17b. Date <i>4-22-13</i>
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Previous editions are obsolete

Record of Employee Interview

U.S. Department of Housing and Urban Development
Office of Labor Relations

OMB Approval No. 2501
(exp. 10/31/11)

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1a. Project Name Brady Canal Hydro. Restoration Project			2a. Employee Name Aaron Mayeux		
1b. Project Number DNR Contract # 2503-12-23			2b. Employee Phone Number (including area code) 225-252-8268		
1c. Contractor or Subcontractor (Employer) Southern Delta Construction			2c. Employee Home Address & Zip Code 909 Goode St. Houma, LA 70300		
			2d. Verification of identification? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
3a. How long on this job? 108 days	3b. Last date on this job before today? 1-30-13	3c. No. of hours last day on this job? 3 hrs.	4a. Hourly rate of pay? \$60,000/year salary	4b. Fringe Benefits?	
			Vacation Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4c. Pay stub? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
			Medical Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
			Pension Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
5. Your job classification(s) (list all) --- continue on a separate sheet if necessary project manager, surveyor					
6. Your duties management, surveying					
7. Tools or equipment used RTK GPS					
8. Are you an apprentice or trainee? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N		9. Are you paid for all hours worked? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
11. Have you ever been threatened or coerced into giving up any part of your pay? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		12a. Employee Signature Aaron Mayeux			
		12b. Date 2-5-13			
13. Duties observed by the interviewer (Please be specific.) Surveying, Running crews, Placing Fabric & Rocks, Operate equipment.					
14. Remarks					

15a. Interviewer name (please print) Jimmy Theriot	15b. Signature of Interviewer [Signature]	15c. Date of interview 2-5-13
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16. Remarks
Not on Payroll (Supposedly no work by SDC this week)

17a. Signature of Payroll Examiner	17b. Date
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Record of Employee Interview

U.S. Department of Housing and Urban Development
Office of Labor Relations

OMB Approval No. 2501-
(exp. 10/31/12)

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1a. Project Name <u>Brady Canal Restoration Project</u>			2a. Employee Name <u>FRED RODRIGUEZ</u>		
1b. Project Number <u>DNR Contract # 2503-12-23</u>			2b. Employee Phone Number (including area code) <u>985-209-4809</u>		
1c. Contractor or Subcontractor (Employer) <u>FROECO</u>			2c. Employee Home Address & Zip Code <u>2203 BRADY Rd THERIOT LA. 7039</u>		
3a. How long on this job? <u>108 Days</u>			3b. Last date on this job before today? <u>2-4-13</u> <u>2-1-13</u>		3c. No. of hours last day on this job? <u>10</u> <u>15</u>
5. Your job classification(s) (list all) --- continue on a separate sheet if necessary <u>JURAMAN OPERATOR</u> <u>ESTIMATOR</u>			4a. Hourly rate of pay? <u>23.00</u>		4b. Fringe Benefits? Vacation Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Medical Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Pension Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
6. Your duties <u>MARSH HOE OPERATOR</u>			4c. Pay stub? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

Tools or equipment used
CAT 320 DL MARSH HOE CLEAN OUT BUCKET

8. Are you an apprentice or trainee? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
9. Are you paid for all hours worked? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	11. Have you ever been threatened or coerced into giving up any part of your pay? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N

12a. Employee Signature
[Signature]

12b. Date
1-5-13

13. Duties observed by the interviewer (Please be specific.)
operate Equipment (Marsh buggy)

14. Remarks

15a. Interviewer name (please print)
Jimmy Theriot

15b. Signature of Interviewer
[Signature]

15c. Date of interview
2-4-13

16. Remarks
He was paid for 15 hrs on 2-1-13, the last day before the interview.
He was paid for 12 hrs the day of the interview

17a. Signature of Payroll Examiner
Melanie B Cailand

17b. Date
4-22-13

Record of Employee Interview

U.S. Department of Housing and Urban Development Office of Labor Relations

OMB Approval No. 2501
(exp. 10/31/11)

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1a. Project Name Brady Canal Hydro. Restoration Project			2a. Employee Name Brian Hebert		
1b. Project Number DNR Contract # 2503-12-23			2b. Employee Phone Number (including area code) 985-951-3135		
1c. Contractor or Subcontractor (Employer) Frogco.			2c. Employee Home Address & Zip Code 1467 Bayou D'Algerie Rd.		
3a. How long on this job? 107 DAYS			3b. Last date on this job before today? 2/2/13		3c. No. of hours last day on this job? 10
4a. Hourly rate of pay? Paid BY DAY. \$200.00			4b. Fringe Benefits? Vacation Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Medical Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Pension Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4c. Pay stub? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
5. Your job classification(s) (list all) --- continue on a separate sheet if necessary Boat Driver					

6. Your duties
Drive Boat AND ANY OTHERS DUTIES NECESSARY TO COMPLETE JOB

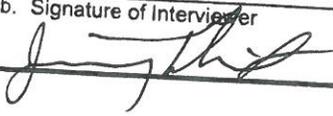
7. Tools or equipment used
Boat

8. Are you an apprentice or trainee? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N
9. Are you paid for all hours worked? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	11. Have you ever been threatened or coerced into giving up any part of your pay? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N

12a. Employee Signature Brian Hebert	12b. Date 2/4/13
--	----------------------------

13. Duties observed by the Interviewer (Please be specific.)

14. Remarks
Drive boat, assist the surveyor, help with Placement of fabric under Rocks Repair Equipment

15a. Interviewer name (please print) Jimmy Theriot	15b. Signature of Interviewer 	15c. Date of interview 2-4-13
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16. Remarks
Not on payrolls.

17a. Signature of Payroll Examiner	17b. Date
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Previous editions are obsolete

**DBA/DBRA
COMPLIANCE
PRINCIPLES**

LABORERS AND MECHANICS

SITE OF THE WORK

TRUCK DRIVERS

APPRENTICES AND TRAINEES

HELPERS

AREA PRACTICE

FRINGE BENEFITS

CWHSSA/OVERTIME PAY

DBA/DBRA

Coverage and Compliance Principles

This section provides basic information regarding major aspects of compliance with the Davis-Bacon labor standards and CWHSSA overtime requirements. It addresses frequently asked questions such as:

- ◇ Who are the “laborers and mechanics” to whom the Davis-Bacon prevailing wage requirements apply?
- ◇ What is the “site of the work” where workers are covered by Davis-Bacon wage requirements?
- ◇ How are truck drivers affected by the “site of the work” limit on Davis-Bacon coverage?
- ◇ When can apprentices or trainees work on a Davis-Bacon project at less than the wages listed in the Davis-Bacon wage determination?
- ◇ Can helper classifications be used on Davis-Bacon covered projects?
- ◇ What happens if there is a dispute over how a worker should be classified?
- ◇ Does the Davis-Bacon prevailing wage include fringe benefits?
- ◇ How can a contractor’s fringe benefits costs count towards Davis-Bacon prevailing wages?
- ◇ How do you compute overtime pay if CWHSSA applies to a Davis-Bacon job?

LABORERS AND MECHANICS

Definition 29 C.F.R. § 5.2(m).

- ◇ The term “**laborer and mechanic**” includes those workers whose duties are manual or physical in nature (including those workers who use tools or who are performing the work of a trade), as distinguished from mental or managerial duties.

The term includes:

- ◇◇ Apprentices
- ◇◇ Trainees
- ◇◇ Helpers

For overtime coverage under CWHSSA, also:

- ◇◇ Guards and watchmen

Note: Although guards and watchmen are not considered laborers or mechanics under DBA/DBRA, they are covered by CWHSSA by virtue of its express statutory language.

- ◇ The term laborer or mechanic does not include workers whose duties are primarily administrative, executive, or clerical, rather than manual.
- ◇ Categories of workers considered not to be laborers or mechanics when, in the course of their duties, they perform no manual or physical work on the construction project are:
 - ◇◇ Architects and engineers
 - ◇◇ Timekeepers
 - ◇◇ Inspectors

Coverage of laborers and mechanics

- ◇ The DBA requires the payment of the applicable prevailing wage rates to all laborers and mechanics “regardless of any contractual relationship which may be alleged to exist.”

- ◇ Non-exempt working foremen who devote more than 20 percent of their time during a workweek to mechanic or laborer duties, and who do not meet the exemption criteria of 29 C.F.R. Part 541, are laborers and mechanics for the time so spent. The working foreman is due the rate listed in the contract wage determination for the hours spent as a laborer or mechanic.
- ◇ Persons employed in a bona fide executive, administrative, or professional capacity as defined in 29 C.F.R. Part 541 are not deemed to be laborers or mechanics.
- ◇ In considering whether a business owner is an exempt, *see* 29 C.F.R. Part 541, Subparts B and H, along with 29 C.F.R. § 5.2(m).

SITE OF THE WORK

Definition 29 C.F.R. § 5.2(1).

- ◇ **5.2(1)(1)** – “Site of the work” is the physical place or places where the building or work called for in the contract will remain, and any other site where a significant portion of the building or work is constructed, provided that such site is established specifically for the performance of the contract or project.

For example:

- ◇◇ If a small office building is being erected, the “site of work” will normally include no more than the building itself and its grounds.
- ◇◇ In the case of larger contracts, such as for airports, highways, or dams, the “site of work” is necessarily more extensive and may include the whole area in which the construction activity will take place.
- ◇◇ Where a very large segment of the dam is constructed up-river and floated downstream to be affixed onto a support structure, the secondary construction site would be within the meaning of “site of the work” for Davis-Bacon purposes if it was established for and dedicated to the dam construction project.
- ◇ **5.2(1)(2)** - Except as provided in paragraph 5.2(1)(3), batch plants, borrow pits, job headquarters, tool yards, etc., are part of the “site”, provided they are dedicated exclusively, or nearly so, to the contract or project, and are adjacent or virtually adjacent to the site of the work as defined in paragraph 5.2(1)(1).
- ◇ **5.2(1)(3)** - Not included in the “site of work” are permanent home offices, branch plant establishments, fabrication plants, tool yards, etc., of a contractor or subcontractor whose location and continuance in operation are determined wholly without regard to a particular federal or federally assisted project.

Also excluded from the “site of work” are fabrication plants, batch plants, borrow pits, job headquarters, tool yards, etc., of a commercial or material supplier which are established by a supplier of materials for the project before opening of bids and not on the site of the work as stated in paragraph 5.2(1)(1), even where such operations for a period of time may be dedicated exclusively, or nearly so, to the performance of a contract.

Labor standards applicability regarding of “site of the work”

- ◇ DBA applies only to those laborers and mechanics employed by a contractor or subcontractor on the “site of the work”.

- ◇ In 2000, DOL revised the regulatory definitions of the terms “site of the work” and “construction, prosecution, completion, or repair” to clarify the regulatory requirements in to reflect three U.S. appellate court decisions concerning the statutory limit on DBA coverage to workers employed “directly upon the site of the work,” and to address situations that were not contemplated when the earlier regulations were promulgated.

For a full discussion of the revisions made to the regulatory definition of the “site of the work” in 2000, see the final rule published in the *Federal Register* on December 20, 2000, 65 Fed. Reg. 80,268-80,278. (See *Building and Construction Trades Department, AFL-CIO v. United States Department of Labor Wage Appeals Board*, 932 F.2d 985 (D.C. Cir 1991) (*Midway*), *Ball, Ball and Brosamer v. Reich* (D.C. Cir. 1994), and *Cavett Company v. U.S. Department of Labor* 101 F.3d 1111 (6th Cir. 1996). The revised regulations took effect on January 19, 2001. The December 20, 2000, final rule is available at: http://www.dol.gov/_sec/regs/fedreg/final/2000032436.pdf.

- ◇ Contracting agencies should consult the WHD when confronted with “site of work” issues.
- ◇ CWHSSA has no site of work limitation. An employee performing part of the contract work under a construction contract at the job site who then continues contract work at a shop or other facility located elsewhere is subject to CWHSSA overtime pay for all the hours worked at both locations and travel time between them. (Different wage rates might be paid, as the Davis-Bacon prevailing wage requirements would apply only to activities performed on “the site of the work”.)

TRUCK DRIVERS

Definition 29 C.F.R. § 5.2(j).

- ◇ The terms “**construction, prosecution, completion, or repair**” mean all types of work done on a particular building or work at the site (including work at a facility deemed part of the “site of the work”) by laborers and mechanics of a construction contractor or construction subcontractor including without limitation:
 - ◇◇ Altering, remodeling, installation (where appropriate) on the site of the work of items fabricated off-site.
 - ◇◇ Painting and decorating.
 - ◇◇ The manufacturing or furnishing of materials, articles, supplies or equipment on the site of the building or work.
 - ◇◇ Transportation between the “site of the work” (within the meaning of 29 C.F.R. § 5.2(l)) and a facility which is dedicated to the construction of the building or work and deemed a part of the “site of the work” (within the meaning of 29 C.F.R. § 5.2(l)).

Coverage of truck drivers

- ◇ Truck drivers **are covered** by Davis-Bacon in the following circumstances:
 - ◇◇ Drivers of a contractor or subcontractor for time spent working on the site of the work.
 - ◇◇ Drivers of a contractor or subcontractor for time spent loading and/or unloading materials and supplies on the site of the work, if such time is not *de minimis*.
 - ◇◇ Truck drivers transporting materials or supplies between a facility that is deemed part of the site of the work and the actual construction site.
 - ◇◇ Truck drivers transporting portion(s) of the building or work between a site established specifically for the performance of the contract or project where a significant portion of such building or work is constructed and the physical place(s) where the building or work called for in the contract(s) will remain.

- ◇ Truck drivers are **not covered** in the following instances:
 - ◇◇ Material delivery truck drivers while off “the site of the work”.
 - ◇◇ Drivers of a contractor or subcontractor traveling between a Davis-Bacon job and a commercial supply facility while they are off the “site of the work.”
 - ◇◇ Truck drivers whose time spent on the site of the work is *de minimis*, such as only a few minutes at a time merely to pick up or drop off materials or supplies.
- ◇ DOL has an **enforcement position** with respect to bona fide owner-operators of trucks who own **and drive** their own trucks. Certified payrolls including the names of such owner-operators do not need to show the hours worked or rates paid, only the notation “owner-operator”. This position does not apply to owner-operators of other equipment such as bulldozers, backhoes, cranes, welding machines, etc.
- ◇ Overtime pay requirements under CWHSSA apply to truck drivers regardless of whether the hours worked on the contract are on or off the site of the work.

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Rulemaking background regarding material delivery truck drivers

- ◇ Three U.S. appellate court decisions in the 1990’s led DOL to reexamine and revise the regulatory definition of “construction, prosecution, completion, or repair” as it applies to transportation. In view of three appellate court decisions that had concluded that DOL’s application of the related regulatory definitions was at odds with the language of the Davis-Bacon Act that limits coverage to workers employed “directly upon the site of the work,” revisions to the regulatory definitions were issued in 2000 to clarify the regulatory requirements.
- ◇ The rulemaking in 2000 addressed the application of Davis-Bacon prevailing wage requirements to material delivery truck drivers.
 - ◇◇ The regulatory definition of “construction, ... ” has been changed to provide that the off-site transportation of materials supplies, tools, etc., is not covered unless such transportation occurs between the construction work site and a dedicated facility located “adjacent or virtually adjacent” to the work site.
 - ◇◇ Also, as indicated in the rulemaking, as a practical matter, since generally the great bulk of the time spent by material delivery truck drivers is off-site beyond the scope of Davis-Bacon coverage, while the time spent on-site is relatively brief, DOL chooses to use a rule of reason and will not apply the Act’s prevailing wage requirements with respect to the amount of time

spent on-site, unless it is more than “*de minimis*.” Under this policy, the Department does not assert coverage for material delivery truck drivers who come onto the site of the work for only a few minutes at a time merely to drop off construction materials.

- ◇◇ For a full discussion of the regulatory changes, see the final rule published in the *Federal Register* on December 20, 2000, 65 Fed. Reg. 80,268-80,278. A section focused on “Coverage of Transportation – § 5.2(j)” appears on pages 80,275-6.) The December 20, 2000, final rule is available at:

www.dol.gov/_sec/regs/fedreg/final/2000032436.pdf.

APPRENTICES AND TRAINEES

Definition (29 C.F.R. § 5.2(j)).

- ◇ **Apprentices** are those persons employed and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration (ETA), Office of Apprenticeship (OA), or with a state apprenticeship agency recognized by ETA, or persons in the first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the BAT or a state apprenticeship agency (where appropriate) to be eligible for probationary employment as an apprentice.
- ◇ The **Step-Up** program is an apprenticeship program designed to enable low-income persons, particularly those living in HUD-assisted housing, to enter jobs and training in the construction and maintenance fields. This program combines formal apprenticeship with preparatory educational and life skills training, to encourage participants to gain the education, skills and work experience that they need to successfully enter and complete an apprenticeship (or to pursue other career training and employment). The program is called **Step-Up**. Apprentices enrolled in step-up programs must meet the same regulatory criteria as all other apprentices to receive less than the prevailing wage rate.
- ◇ **Trainees** are persons registered and receiving on-the-job training in a construction occupation under a program approved in advance by the U.S. Department of Labor, Employment and Training Administration, as meeting its standards for on-the-job training programs and which has been so certified by that administration.

Coverage of apprentices and trainees

- ◇ Apprentices and trainees are laborers and mechanics but are not listed on a wage determination. These classifications are permitted to work on DBA/DBRA covered projects only under very controlled circumstances, as follows.
- ◇ Apprentices and trainees may be used on DBA/DBRA covered projects and paid less than the specified journeyman rate for the work performed if:
 1. The apprentice or trainee is **individually registered** in an **approved** apprenticeship or training program.
 - ◇◇ The **apprenticeship program** has to be approved by the ETA/OA or by a state apprenticeship agency recognized by the ETA/OA.

- ◇◇ The registration requirements do not apply to apprentices and trainees performing on highway construction projects funded by the **Federal-Aid Highway Act** and enrolled in programs certified by the U.S. Department of Transportation.
- 2. The apprentices/trainees must be paid **the percentage (%) of the basic hourly rate required or fringe benefits specified in the approved apprenticeship program** and in accordance with their level of progression.
- 3. The contractor is limited in the number of apprentices/trainees permitted on the DBA/DBRA job site based on the **allowable ratio** of apprentices/trainees to journeymen specified in the approved program.
 - ◇◇ The ratio is determined on a daily, not weekly basis.
 - ◇◇ The use of “fraction thereof” in computing apprenticeship ratios is not permitted unless specified in the approved apprenticeship program.
- 4. **Fringe benefits** should be paid to apprentices/trainees in accordance with the provisions of the apprenticeship/trainee program. If the program is silent on the payment of fringes, the apprentices/trainees are to receive the full amount of the fringe benefits stipulated on the wage decision unless it is determined that a different practice prevails for the applicable apprentice/trainee classification.
- 5. When the contractor has exceeded the allowable ratio of apprentices/trainees, the legal apprentices/trainees are those who **first came to work** at the DBA/DBRA job site. Individuals who are employed in excess of the allowable ratio must be paid the full wage determination rate for the classification of work performed.

HELPERS

Definition 29 CRR 5.2(n)(4).

- ◇ A distinct classification of “helper” will be issued in Davis-Bacon wage determinations only where all of the following conditions are met:
 - ◇◇ The duties of the helper are clearly defined and distinct from those of any other classification on the wage determination;
 - ◇◇ The use of such helpers is an established prevailing practice in the area; and
 - ◇◇ The helper is not employed as a trainee in an informal training program.

A “helper” classification will be added to wage determinations pursuant to § 5.5(a)(1)(ii)(A) only where, in addition, the work to be performed by the helper is not performed by a classification in the wage determination.

Note: Helpers may be employed on a DBA/DBRA covered construction project only if the helper classification is listed in the Davis-Bacon wage determination in the contract or the classification is added with approval by DOL. Helper classes are issued or approved only where they are within the scope of the definition stated above.

Background information regarding “helpers”

- ◇ On November 20, 2000, DOL amended regulatory provisions concerning helpers. (See the *Federal Register* notice published on November 20, 2000, 65 Fed. Reg. 69,674-69,693.)
- ◇ DOL regulations that were in effect during early 1991 and much of 1992 and 1993, had defined “**helpers**” as semi-skilled workers who worked under the direction of and assisted journeymen who, under the journeymen’s supervision and direction, could perform a variety of duties including those requiring them to use the tools of the trade, and whose duties could vary according to area practice. Effective on October 21, 1993, the regulations implementing that definition of helpers were formally suspended. (See the *Federal Register* notices published on November 5, 1993 and December 30, 1996.)
- ◇ The regulatory changes issued on November 20, 2000, amended the regulations replaced the suspended definition of “helpers” to with a new regulatory definition in 29 C.F.R. § 5.2(n)(4) that incorporate the WHD’s longstanding policy of recognizing helper classifications and wage rates only where certain specified conditions are met. The revised regulatory definition explicitly states that a

“helper” classification will be added to wage determinations by the conformance process, pursuant to the contract clause at 29 C.F.R. § Sec. 5.5(a)(1)(ii)(A), only where the work to be performed by the helper is not performed by a classification in the wage determination.

- ◇ In issuing the final rule published on November 20, 2000, the Department pointed out that:
 - ◇◇ It is not intended that a helper classification never be issued on a Davis-Bacon wage determination simply because some workers in another classification occasionally perform the work in question,
 - ◇◇ The Department intends to issue helper classifications where the duties in question are not routinely performed by another classification on the wage determination and it is the prevailing practice in the area for helpers/tenders to perform the work in question, provided the other criteria of the regulation are met.

AREA PRACTICE

To determine the proper classification for work performed on a Davis-Bacon covered project, it may be necessary to examine **local area practice**.

- ◇ There are no nationwide standard classification definitions under the DBA. (This differs from the SCA, as SCA classifications are defined in the *SCA Directory of Classifications*.)

Note: The Dictionary of Occupational Titles, published by the Department's Employment and Training Administration, cannot be relied on for making Davis-Bacon determinations regarding proper employee classification.

- ◇ The Wage Appeals Board ruled in *Fry Brothers Corp.* (WAB Case No. 76-6, 6/14/77) that the proper classification of work performed by laborers and mechanics is that classification used by firms whose wage rates were found to be prevailing in the area and incorporated in the applicable Davis-Bacon wage determination.
- ◇ Questions as to the proper classification for the work performed by a laborer or mechanic are resolved in accordance with prevailing local area practice. An "area practice survey" may be conducted by the WHD or by the contracting agency to determine proper classification of workers.

For advice regarding proper classification of workers and for guidance on the need to conduct an area practice survey to determine proper classification of laborers and mechanics on DBRA covered projects, consultation with the WHD Regional Wage Specialist is appropriate. (See <http://www.dol.gov/whd/programs/dbra/regions.htm>.)

Basic Principles for Conducting Surveys to Determine Prevailing Local Area Practice

- ◇ In accord with *Fry Brothers Corp.*, information to be considered in the area practice survey is from firms whose wage rates were found to be prevailing in the area and incorporated in the applicable wage determination.
 - ◇◇ If, in the applicable wage determination, the rates listed for all the classifications that may perform the work in question are non-union rates, the dispute will be resolved by examining the practice(s) of non-union contractors in classifying workers who have been performing the duties in question in the area.
 - ◇◇ If, in the applicable wage determination, the rates listed for all the classifications that may perform the work in question are union rates, the

dispute will be resolved by examining the practice(s) of union contractors in classifying workers who have been performing the duties in question in the area.

- ◇◇ If a combination of union and non-union rates are listed in the wage determination for the classifications that may have performed the work in the area, the dispute will be resolved based on the combined information from:
 - ◇◇◇ union contractors for the classification(s) for which union rate(s) are listed,
 - ◇◇◇ and
 - ◇◇◇ non-union contractors for the classification(s) for which non-union rate(s) are listed.
- ◇ Proper classification of the laborers or mechanics performing the work in question will be resolved by examining the classification practice(s) of contractors who performed the work in question on:
 - ◇◇◇ similar construction projects (building construction, residential construction, highway construction, heavy construction),
 - ◇◇◇ in progress in the same area (normally the same county),
 - ◇◇◇ during the year preceding the wage determination lock-in date for the contract in question (as discussed below; *see* 29 C.F.R. § 1.6(c)).
 - ◇◇◇ In the case of contracts entered into pursuant to competitive bidding procedures (as contrasted with contracting by negotiation), the year prior to bid opening;
 - ◇◇◇ The year prior to contract award in the case of contracts entered into pursuant to contracting by negotiation (such as contracts arrived at through requests for proposals (RFPs) or similar contracting methods;
 - ◇◇◇ In the case of projects assisted under the National Housing Act, the year prior to beginning of construction or the date the mortgage was initially endorsed, whichever occurred first; or,
 - ◇◇◇ In the case of projects to receive housing assistance payments under section 8 of the U.S. Housing Act of 1937, the year prior to beginning of construction or the date the agreement to enter a housing assistance payments contract was executed, whichever was first.

- ◇ The extent of the information required for making area practice determinations will depend on the facts in each case. For example:
 - ◇◇ If, in gathering preliminary data, all of the parties agree as to the proper classification, the area practice is thus established (i.e., a “**limited**” area practice survey).
 - ◇◇ However, if all parties do not agree (i.e., jurisdictional dispute between two unions, or management does not agree with the union, or where non-union rate(s) in the wage determination may apply and the practice among non-union contractors in the area varies), it will be necessary to determine by a “**full**” area practice survey which classification actually performed the work in question.

Preliminary Steps for Conducting Surveys to Determine Prevailing Local Area Practice

1. Develop a clear description of the specific work for which a determination on proper classification is needed. (Examples: tying reinforcing rods for highway construction on a bridge, installation of process piping in a treatment plant, installing the metal roof on a building.)
2. Note the local area (generally the county) where the area practice issue is to be resolved, and the type of construction (building, residential, highway, or heavy) on which the work in question is to be performed.
3. Identify the area practice survey timeframe. (What is relevant is contractors’ classification practices prior to award (or other applicable lock-in date) for the project on which the question of proper classification is to be resolved.)
4. Determine what classifications listed in the applicable contract wage determination (same county and type of construction) might perform the work duties in question.
5. Examine the “identifiers” for each such classification and determine whether the rate for each reflects a union negotiated or non-union wage rate.
 - ◇ Non-union rates in a Davis-Bacon wage determination are normally listed in a wage rate block that has an “SU” identifier, and appear in alphabetical order in the list of classifications in the wage determination. See the “Wage Determinations” section of this Resource Book for further information.
 - ◇ Union rates are listed under identifiers that refer to the union whose rates are reflected in a given wage rate block in the Davis-Bacon wage

determination. A list of identifiers used to designate various craft unions appears in the “Wage Determinations” section of this book; usually the local union number follows that designation.

How to conduct a limited area practice survey to determine the proper classification of work

If the applicable wage determination reflects union rates for the all classifications involved:

6. Contact the unions that may have jurisdiction over the work in question to determine whether the union workers performed the work on similar projects in the county in the year prior to the wage determination lock-in date (contract award date, or other date, as described above) for the project at issue.
 - ◇ **Note the following criteria for usable data:**
 - a. **Similar projects** (same type of construction).
 - b. In the **same county** as the project in question.
 - c. Usable time frame is **one year prior to the wage determination lock-in date** for the contract in question, as established by 29 CFR 1.6(c).

If union contractors performed the work, each union should be asked how the individuals who performed the work in question were classified.

If no union workers performed any of the work in question in the county during the survey timeframe, Wage and Hour should be contacted for further guidance.

7. The information provided by the unions should be confirmed with collective bargaining representatives of management, *i.e.*, the contractor representatives.
 - ◇ These would include contractors' associations such as:
 - Local chapters of the Associated General Contractors of America (AGC)
 - The National Electrical Contractors Association (NECA)
 - Local contractor associations that bargain with the unions

(If, in response to the limited area practice survey, specific contractors who may have performed the work in question are identified, they may be contacted to confirm whether they have been performing the work in question in the area.)

If all parties agree as to the proper classification for the work in question, the area practice is established.

If a contracting agency encounters a situation where two unions are engaged in a jurisdictional dispute over a specific type of work and both have performed the work in question during the applicable time period, the contracting officer should contact Wage and Hour for further guidance.

If the applicable wage determination reflects non-union rates for all the classifications involved:

6. Contact open shop contractors (many are members of the Associated Builders and Contractors of America (ABC)) and ask whether they performed the work in question on similar projects underway in the county during the survey timeframe.
 - ◇ If so, these contractors should be asked how the employees who performed this work were classified.
 - ◇ If all contractors agree, or if a clear majority of the contractors agree, the area practice is established.
 - ◇ If no open shop contractor performed the work at issue in the county during the survey timeframe, contact Wage and Hour for further guidance.

If the applicable wage determination reflects a mix of union and non-union rates for the classifications involved:

6. Contact the unions, and contact union and open shop contractors (and/or their associations) to determine who performed the work at issue on similar projects during the survey timeframe.
 - ◇ If all parties agree, or if a clear majority of the parties agree on the classification, the area practice is established.
 - ◇ Wage and Hour should be contacted if no work of the type at issue was performed in the county during the applicable time frame discussed above.

For any type of wage determination (whether based on union rates, non-union rates, or a mixed schedule):

- ◇ If the parties contacted in the limited area practice survey **do not** agree (i.e., jurisdictional dispute between the unions, management does not agree with union, or disagreement between the open shop contractors), or if there is no clear majority in agreement, then it is necessary to conduct a **full area practice survey**. When a full area practice survey is needed, the contracting agency should contact the Wage and Hour Regional Wage Specialist for assistance, guidance and coordination in the conduct of the survey.

How to conduct a full area practice survey to determine the proper classification of work

6. Identify similar projects in the same geographical area as the project under investigation (usually the county) which were in progress during the period one year prior to the wage determination lock-in date of the contract involved in the dispute/investigation.
 - ◇ If no similar projects were built in the area during that time frame, contact Wage and Hour for advice in expanding the survey's geographic scope and/or its time frame.
7. Identify firms that performed the work in question on these projects and determine those from which data should be collected – according to whether the relevant classifications in question in the wage determination are either non-union rates, union rates, or both. (For example, only non-union wage rates in the wage determination are involved, information from union contractors is not relevant; if only union rates are involved, information from open shop contractors is not relevant.)
8. For each project, obtain data from the week in which the greatest number of employees performed the work in question, and record how many performed such work on each project and how such employees were classified and paid.
9. Compile all relevant information received and total the number of employees who performed the work in question in each classification reported.
 - ◇ **The classification which has the clear majority of employees performing the work in question is the proper classification.**
 - ◇ If the data does not show that at least 60% of the workers who performed the duties in question were classified in the same classification, contact Wage and Hour for further guidance.

FRINGE BENEFITS

Definition 29 C.F.R. § 5.2(p).

- ◇ Under the Davis-Bacon Act, the terms “wages,” “scale of wages,” “wage rates,” and “prevailing wages” include:
 - ◇◇ The basic hourly rate of pay,
 - ◇◇ Any contribution irrevocably made by a contractor or subcontractor to a trustee or third party pursuant to a bona fide fringe benefit fund, plan or program, and
 - ◇◇ The rate of costs to the contractor or subcontractor which may be reasonably anticipated in providing bona fide fringe benefits pursuant to an enforceable commitment to carry out a financially responsible plan or program, which was communicated to the employees in writing.
- ◇ The statutory language of the Davis Bacon Act regarding fringe benefits is found at 40 U.S.C. § 3141, and is reiterated at 29 C.F.R. § 5.23.

In practice

- ◇ The Davis-Bacon “prevailing wage” is made up of two interchangeable components – a basic hourly rate and fringe benefits that have been found prevailing in an area and published in a Davis-Bacon wage determination. Along with the basic hourly rate listed on the wage determination, a fringe benefit will be listed for any classification for which fringe benefits were found prevailing. The total, including any fringe benefits listed, comprises the Davis-Bacon “prevailing wage” requirement.
 - ◇◇ This obligation may be met by any combination of cash wages and creditable “bona fide” fringe benefits provided by the employer:
 - ◇◇◇ The total, including any fringe benefits listed for the classification, may be paid entirely as cash wages;
 - ◇◇◇ Payments made or costs incurred by the contractor for “bona fide” fringe benefits may be creditable towards fulfilling the requirement; or
 - ◇◇◇ A combination of cash wages paid and “bona fide” fringe benefits may be used together to meet the total required prevailing wage.
- ◇ Fringe benefits for DBRA must be paid for all hours worked – both straight time and overtime hours.

- ◇◇ Under DBRA, each classification stands alone and each laborer and mechanic is due the full prevailing wage, including fringe benefits, if listed for the classification, for all hours worked.

Example:

A Davis-Bacon wage determination requires:

Basic hourly rate	\$10.00
Fringe benefit	<u>1.00</u>
Total prevailing rate	\$11.00

The contractor can comply by paying:

1. \$11.00 in cash wages;
2. \$10.00 plus \$1.00 in pension contributions or other “bona fide” fringe benefits; or
3. \$9.00 plus \$2.00 in pension contributions or any combination of “bona fide” fringe benefits. (In this case, to compute the minimum overtime rate under CWHSSA, half the basic rate listed, i.e. \$5.00 must be added to the full \$11.00 straight time “prevailing wage.” Thus, under CWHSSA, the **overtime rate would be \$16.**)

Note: Under DBA/DBRA monetary wages paid in excess of the basic hourly rate may be used as an offset or credit to satisfy fringe benefit obligations, and vice versa.

Application to all hours worked

- ◇ Under Davis-Bacon, fringe benefits must be paid for **all** hours worked, including overtime hours. However, the fringe benefit amounts listed in the applicable wage determination may be excluded from the half-time premium due as overtime compensation.

For example:

An employee worked 44 hours as an electrician. The wage determination rate was \$12.00 (basic hourly rate) plus \$2.50 in fringe benefits. The electrician would be due:

$$\begin{array}{rcl}
 44 \text{ hours} \times \$14.50 & = & \$638.00 - (\text{straight time pay}) \\
 4 \text{ hours} \times \frac{1}{2} \text{ of } \$12.00 & = & \underline{24.00} - (\text{overtime pay}) \\
 & & \$662.00
 \end{array}$$

Crediting fringe benefit contributions to meet DBA/DBRA requirements

- ◇ The Davis-Bacon Act (and 29 C.F.R. § 5.23), list fringe benefits to be considered.

Examples:

Life insurance

Health insurance

Pension

Vacation

Holidays

Sick leave

- ◇ The use of a truck is not a fringe benefit; a Thanksgiving turkey or Christmas bonus is not a fringe benefit. (See *Cody-Zeigler, Inc.*, WAB Case No. 89-19, April 30, 1991.)
- ◇ No credit may be taken for any benefit required by federal, state or local law, such as:

Workers compensation

Unemployment compensation

Social security contributions

Funded fringe benefit plans

- ◇ The contractor's fringe benefit contributions made irrevocably to a trustee or third party pursuant to a fund, plan or program, can be credited toward meeting the prevailing wage requirement, without prior DOL approval. For example:
 - ◇◇ Contractor pays for health insurance monthly premiums.
 - ◇◇ Contractor makes quarterly contributions to retirement plan trust.
- ◇ The amount of contributions for fringe benefits must be paid **irrevocably** to the trustee or third party.
- ◇ Contributions to fringe benefit plans must be made regularly, not less often than **quarterly**. (This requirement is specified in the standard Davis-Bacon contract clauses at 29 C.F.R. § 5.5(a)(1)(i).)

- ◇◇ Annual contributions into a plan do not meet this requirement. While profit sharing plans are bona fide within the meaning of the Act, profits are not determined until the end of the year. Therefore, the DOL requires contractors to escrow money at least quarterly on the basis of what the profit is expected to be.
- ◇ The contractor must make payments or incur costs in the amount specified by the applicable wage decision **with respect to each individual laborer or mechanic**. Thus, the amount contributed for each employee must be determined separately, and credit taken accordingly towards the prevailing wage requirement for each individual. (It is not permissible to take credit based on the average premium paid or average contribution made per employee.)
- ◇ Credit may not be taken for fringe benefit contributions made on behalf of employees who are not eligible to participate in the plan (e.g., those excluded due to age or part-time employment).
 - ◇◇ Some plans provide that contributions and allocations under the plan will only be made on behalf of participants who are employed on the last day of the plan year. No credit is permitted for such participants for whom no contribution is made or for contributions made for employees whose accounts receive no allocation solely because they are not employed on the last day of the plan year.
 - ◇◇ On the other hand, it is not required that all employees participating in a fringe benefit plan be entitled to receive benefits from the plan at all times. For example, an employee who is eligible to participate in an insurance plan may be prohibited from receiving benefits from the plan during a 30-day waiting period. Contributions made on behalf of these employees would be creditable against the contractor's fringe benefit obligations.
- ◇ A pension plan that meets the Employment Retirement Income Security Act (ERISA) requirements may be considered “bona fide” for DBA/DBRA purposes.
- ◇ Some pension plans contain “vesting” requirements. Where an employer contributes to the plan, employees may be required to complete a certain length of service before they have a nonforfeitable right to benefits based on the employer’s contributions to the plan. Thus, an employee who leaves employment before completing the specified length of service may forfeit all or part of the accrued benefit.
 - ◇◇ Such forfeitures are permitted, provided the plan is a bona fide plan that meets applicable requirements under ERISA, including minimum vesting requirements.
 - ◇◇ Forfeited Davis-Bacon contributions may not revert to the employer, but should be distributed among the remaining plan participants.

Unfunded plans

- ◇ A fringe benefit plan or program under which the cost a contractor may reasonably anticipate in providing benefits that will be paid from the general assets of the contractor (rather than funded by payments to a trustee or third party) is generally referred to as an **unfunded plan**. These generally include:
 - ◇◇ Holiday plans
 - ◇◇ Vacation plans
 - ◇◇ Sick pay plans
- ◇ No type of fringe benefit is eligible for consideration as an unfunded plan unless it meets the following criteria:
 1. It can be reasonably anticipated to provide benefits described in the Davis-Bacon Act;
 2. It represents a commitment that can be legally enforced;
 3. It is carried out under a financially responsible plan or program; and
 4. The plan or program has been communicated in writing to the laborers and mechanics affected.
- ◇ To insure that such plans are not used to avoid compliance with the Act, the DOL directs the contractor to set aside, in an account, no less often than quarterly, sufficient assets to meet the future obligation of the plan.

Annualization:

- ◇ Davis-Bacon credit for contributions made to fringe benefit plans are allowed based on the effective annual rate of contributions for all hours worked during the year by an employee.
- ◇ Examples:
 - ◇◇ For a defined benefit pension plan, or for a defined contribution pension plan which does not provide for immediate or essentially immediate vesting, if a contractor wishes to receive \$2.00 per hour credit for a pension contribution, the contractor must contribute at this same rate for all hours worked during the year. If this is not done, the credit for Davis-Bacon purposes would have to be revised accordingly.
 - ◇◇ If the firm's contribution for the pension benefit was computed to be \$2,000 a year for a particular employee, the employee worked 1,500 hours of the

year on a Davis-Bacon covered project and 500 hours of the year on other jobs not covered by the Davis-Bacon provisions, only \$1,500 or \$1.00 per hour would be creditable towards meeting the firm's obligation to pay the prevailing wage on the Davis-Bacon project. (Annual contribution – \$2,000, divided by total hours worked – 1,500+500 = 2000; i.e. $\$2,000/2000\text{hours} = \1.00 per hour.)

- ◇ For contributions made to defined contribution pension plans which provide for immediate participation and immediate or essentially immediate vesting schedules (100% vesting after an employee works 500 or fewer hours), and certain approved supplemental unemployment benefit plans, a contractor may take Davis-Bacon credit at the hourly rate specified by the plan. Under such plans, contributions are irrevocably made by the contractor, most, if not all, of the workers will become fully vested in the plan, and the higher contributions made during Davis-Bacon work result in an increase in the value of the individual employee's account. The amount of contributions to such plans should be in conformance with any limitations imposed by the Internal Revenue Code.
- ◇ Example: An employee works as an electrician where the wage determination rate is \$12.00 (basic hourly rate) plus \$2.50 in fringe benefits.
 - ◇◇ Where the employer provides the electrician with medical insurance in the amount of \$200 per month (\$2,400 per year), the employer would divide the total annual cost of the benefit by 2,080 hours (40 hours x 52 weeks) to arrive at the allowable fringe benefit credit.

 $(\$200 \times 12 \text{ months}) \text{ divided by } 2080 \text{ hours} = \1.15 per hour.
 - ◇◇ If the employee in this example receives no other "bona fide" fringe benefits, then for each hour worked on a covered contract the individual is due \$12.00 (basic hourly rate) plus \$1.35 paid as cash (the difference between the \$2.50 per hour fringe benefit required under the applicable wage determination and the credit allowed for the provision of medical insurance.) Thus,

Basic hourly rate	\$12.00
Medical insurance benefit	1.15
<u>Additional cash due</u>	<u>1.35</u>
Total due per hour	\$14.50 (\$12.00+\$2.50)

CWHSSA/OVERTIME PAY

- ◇ CWHSSA applies to **laborers, mechanics, guards and watchmen** for the time spent on covered contract work only.
 - ◇◇ Total up all time each employee spent working **on covered contracts** – off-site as well as on site on DBRA projects;
 - ◇◇ Exclude all commercial, non-government work.
- ◇ CWHSSA requires the payment of time and one-half the basic rate of pay for all hours worked in excess of 40 hours in a week. (The daily overtime requirement under CWHSSA was repealed in 1986.)
- ◇ The basic rate of pay under CWHSSA is the straight time hourly rate and can not be less than the basic hourly rate required in an applicable wage determination. Under DBRA, amounts paid to fulfill the fringe benefit portion of the prevailing wages listed in the wage determination – both contributions to bona fide benefit plans and cash payments made to meet wage determination fringe benefits requirements – are excluded in computing overtime obligations under CWHSSA.
- ◇ If in a single workweek an employee works in more than one classification for which different non-overtime rates of pay have been established, the overtime pay may be computed based on the weekly average rate (or “regular rate”) – the total straight time pay for work (at all such rates) during the week, divided by the total number of hours worked at all jobs worked in the workweek. (An employee who performs work in two or more classifications for which different straight time hourly rates are established may agree in advance of performing the work, to be paid during the overtime hours at a rate not less than one and one-half times the non-overtime rate established for the type of work he performs during such overtime hours.) 29 C.F.R. § 778.6, 778.115, and 778.415-419.
- ◇ CWHSSA does not have a site of work limitation on coverage. All hours worked on covered contracts (even at a fabrication shop away from the site) are combined for determining CWHSSA compliance. (For example: if an employee starts the day performing covered work at the fabrication shop and then travels to the work site, the time at the fabrication shop and the **travel time** between the fabrication shop and the work site is hours worked covered by CWHSSA.)
- ◇ The following examples reflect the correct computations under DBRA and CWHSSA for an employee who worked 44 hours on a covered contract as an electrician, where the wage determination rate for an electrician is \$12.00 (basic hourly rate) plus \$2.50 in fringe benefits.
 - ◇◇ If the employer paid \$12.00 in cash wages and \$2.50 in fringe benefits, the electrician would receive:

**U.S. DEPARTMENT OF LABOR
PREVAILING WAGE RESOURCE BOOK 2010**

**DBA/DBRA COMPLIANCE
PRINCIPLES**

$$\begin{aligned}
 44 \text{ hours} & \times \$12.00 = \$528.00 \text{ for cash wages} \\
 44 \text{ hours} & \times \$ 2.50 = \$110.00 \text{ in fringe benefits} \\
 4 \text{ hours} & \times \frac{1}{2} \times \$12.00 = \underline{\$ 24.00} \text{ for CWHSSA earnings} \\
 & \qquad \qquad \qquad \$662.00
 \end{aligned}$$

◇◇ If the employer paid \$10.00 in cash wages and \$4.50 in fringe benefits:

$$\begin{aligned}
 44 \text{ hours} & \times \$10.00 = \$440.00 \text{ in cash wages} \\
 44 \text{ hours} & \times \$ 4.50 = \$198.00 \text{ in fringe benefits} \\
 4 \text{ hours} & \times \frac{1}{2} \times \$12.00 = \underline{\$ 24.00} \text{ in CWHSSA earnings} \\
 & \qquad \qquad \qquad \$662.00
 \end{aligned}$$

◇◇ If the employer paid \$14.00 in cash wages and \$0.50 in fringe benefits:

$$\begin{aligned}
 44 \text{ hours} & \times \$14.00 = \$616.00 \text{ in cash wages} \\
 44 \text{ hours} & \times \$ 0.50 = \$ 22.00 \text{ in fringe benefits} \\
 4 \text{ hours} & \times \frac{1}{2} \times \$12.00 = \underline{\$ 24.00} \text{ in CWHSSA earnings} \\
 & \qquad \qquad \qquad \$662.00
 \end{aligned}$$

◇ The following examples provide two methods for the computation of overtime premium pay required under CWHSSA and/or FLSA for an employee who worked in different job classifications and at different rates of pay in the same work week.

An employee is hired to perform work on a covered construction contract in two job classifications: painter and electrician. The wage determination rate for an electrician is \$12.00 (basic hourly rate) plus \$2.50 in fringe benefits. The wage determination rate for a painter is \$10.00 (basic hourly rate) plus \$3.00 in fringe benefits. The payroll shows that the worker performed painting and electrical duties as follows:

	S	M	T	W	T	F	S
Painter hours	10	10	10				
Electrician hours					10	8	

Method 1: Computation of the overtime **premium** based on the weekly average “regular rate” for the work week.

Step 1: Determine the straight time wages due – excluding fringe benefits

$$\begin{aligned}
 30 \text{ hours at the painter's rate of } \$10.00 & = \$300.00 \\
 18 \text{ hours at the electrician's rate of } \$12.00 & = \underline{216.00} \\
 \text{Total straight time wages} & = \$516.00
 \end{aligned}$$

Step 2: Calculate the “regular rate”

$$(\$516.00 / 48 \text{ hours worked}) = \$10.75 \text{ “regular rate”}$$

Step 3: Compute the overtime premium due

$$\frac{1}{2}(\$10.75) \times 8 \text{ overtime hours worked} = \$43.00$$

Method 2: Computation of the overtime premium based on the “rate in effect” when the overtime hours were worked.

In this example the eight overtime hours occurred on a Saturday.

The overtime **premium** could be computed as follows:

$$\frac{1}{2}(\$12.00) \times 8 = \$48 \text{ (established rate).}$$

Note: In some cases, a question arises over whether a cash payment made to a laborer or mechanic is paid in lieu of a fringe benefit contribution or whether it is simply part of the individual’s normal straight time wages. In the latter situation, the cash payment is not excludable in computing the overtime pay obligation.

Overtime requirements under the Fair Labor Standards Act (FLSA), as amended

- ◇ On contracts to which CWHSSA does not apply (prime contract \$100,000 or less) overtime pay requirements may apply under other laws. On contracts to which CWHSSA does apply, the overtime pay requirements of other laws may also apply.
- ◇ Laborers and mechanics performing DBA/DBRA work may be subject to overtime compensation provisions of other laws which may apply concurrently to them, including the Fair Labor Standards Act. 29 C.F.R. § 778.6.
- ◇ As a general standard, Section 7(a) of the Fair Labor Standards Act, as amended, provides that an employer shall not employ any employee to work in excess of 40 hours in a workweek unless such employee receives compensation for his or her employment in excess of the hours above specified at a rate not less than one and one-half times the regular rate at which her or she is employed. 29 C.F.R. § 778.101.
- ◇ Unless specifically exempted from FLSA overtime pay requirements, an employee who performs work on both federally funded/federally financed projects and commercial work in the same workweek must receive an overtime premium for hours worked in excess of 40 in the workweek. 29 C.F.R. § 778.

(Note: 29 C.F.R. §§ 5.32 and 778.6 discuss dual application of Davis-Bacon and FLSA overtime requirements.)

- ◇ CWHSSA requires the payment of an overtime premium only if the laborer or mechanic works in excess of 40 hours in a work week on covered contract(s). Overtime hours worked, which are not subject to CHWSSA, may be subject to FLSA overtime pay.
- ◇ Where questions arise concerning overtime pay obligations under the FLSA, consultation with the local WHD office is appropriate. The Department of Labor (DOL) developed the *elaws* Advisors to help employees and employers understand their rights and responsibilities under numerous Federal employment laws. The Fair Labor Standards Act *elaws* Advisor is available at <http://www.dol.gov/elaws/flsa.htm>.

State and Local Wage and Hour Laws

- ◇ Federal laws regarding minimum wages and overtime pay do not preempt the requirements of similar State and local laws. These laws set minimum requirements and can apply concurrently. Thus, compliance with each applicable law is appropriate, in accord with the requirements of each. Where questions arise regarding wage and overtime pay requirements under State (or local) law, the appropriate State (or local) government agency should be consulted regarding compliance with the non-federal requirements.

>

General Decision Number: LA120002 09/28/2012 LA2

Superseded General Decision Number: LA20100002

State: Louisiana

Construction Type: Heavy

Counties: Acadia, Ascension, Bossier, Caddo, Calcasieu, East Baton Rouge, Lafayette, Lafourche, Livingston, Ouachita, Rapides, St Landry, St Martin, Terrebonne, Webster and West Baton Rouge Counties in Louisiana.

HEAVY CONSTRUCTION PROJECTS (includes flood control, water & sewer lines, and water wells; excludes elevated storage tanks, industrial construction-chemical processing, power plants, and refineries)

Modification Number	Publication Date
0	01/06/2012
1	01/20/2012
2	06/01/2012
3	07/27/2012
4	09/28/2012

CARP0764-003 07/01/2006

BOSSIER, CADDO, OUACHITA, RAPIDES, AND WEBSTER PARISHES

	Rates	Fringes
CARPENTER (formbuilding/formsetting).....	\$ 17.25	5.02

 CARP1075-004 01/01/2011

CALCASIEU PARISH

	Rates	Fringes
CARPENTER (formbuilding/formsetting).....	\$ 20.21	5.00

 CARP1075-009 01/01/2011

ACADIA, LAFAYETTE, ST. LANDRY, AND ST. MARTIN PARISHES

	Rates	Fringes
CARPENTER (formbuilding/formsetting).....	\$ 19.30	5.00

 CARP1098-004 01/01/2010

ASCENSION, EAST BATON ROUGE, LIVINGSTON, AND WEST BATON ROUGE

PARISHES

	Rates	Fringes
CARPENTER (formbuilding/formsetting).....	\$ 24.25	7.29

CARP1846-008 07/01/2012		

LAFOURCHE and TERREBONNE PARISHES

	Rates	Fringes
CARPENTER (formbuilding/formsetting).....	\$ 22.21	7.75

ELEC0130-009 06/01/2012		

LAFOURCHE AND TERREBONNE PARISHES

	Rates	Fringes
ELECTRICIAN.....	\$ 27.85	9.22

* ELEC0194-007 09/03/2012		

BOSSIER, CADDO, and WEBSTER PARISHES

	Rates	Fringes
ELECTRICIAN Lineman and Heavy Equipment Operator.....	\$ 25.25	9.56

ELEC0446-007 09/01/2011		

OUACHITA PARISH

	Rates	Fringes
ELECTRICIAN.....	\$ 21.00	1%+9.02

ELEC0576-006 12/01/2011		

RAPIDES PARISH

	Rates	Fringes
ELECTRICIAN.....	\$ 22.95	4.25%+5.55

ELEC0861-006 09/01/2011		

ACADIA, CALCASIEU, LAFAYETTE, AND ST. MARTIN PARISHES

	Rates	Fringes
ELECTRICIAN.....	\$ 23.90	4%+9.69

ELEC0995-006 01/01/2012		

ASCENSION, EAST BATON ROUGE, LIVINGSTON, ST. LANDRY, AND WEST
BATON ROUGE PARISHES

	Rates	Fringes
ELECTRICIAN.....	\$ 22.68	8.82

SULA2004-006 04/29/2004		
	Rates	Fringes
CARPENTER (all other work).....	\$ 12.81	0.00
Cement Mason/Concrete Finisher...	\$ 13.77	0.00
Laborers		
Common.....	\$ 8.20	0.00
Pipelayer.....	\$ 9.45	0.00
Power Equipment Operators		
Backhoe/Excavator.....	\$ 13.01	0.00
Bulldozer.....	\$ 13.83	0.00
Crane.....	\$ 16.62	3.28
Dragline.....	\$ 15.16	0.00
Front End Loader.....	\$ 11.50	0.00
Motor Grader/Blade.....	\$ 11.75	0.00
Oiler.....	\$ 8.59	2.50
Trackhoe.....	\$ 12.64	0.00
Water Well Driller.....	\$ 11.91	2.44
Winch.....	\$ 11.38	0.00
Truck Driver, Dump.....	\$ 10.25	0.00

14.90
11.09

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters, PLUM, indicate the international union and the four-digit number, 0198, that follows indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rate.

0000/9999: weighted union wage rates will be published annually each January.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.)

and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 23 ✓

Job No. d1212

Contract No.

For week ending 03/31/2013 ✓

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net		
	25	26	27	28	29	30	31	Job	Week	This Job	Hourly	Addl	Hourly						Addl	
HOLMES, TYRAN P O BOX 723 GRAY, LA 70359 XXX-XX-3666 Pay Class: oiler ✓ WH/EX: Single-2 Sex: Male Minority: Black																				
O								0.00	1.00	\$533.20	180.00	713.80	240.00	54.61	69.64	17.28	0.00	812.27 ✓		
R	11.00	10.00	10.00					31.00	40.00	17.20				Total Deductions:			141.53 ✓			
ODOM, BRUCE 10726 JACOCK ROAD ST FRANCISVILLE, LA 70775 XXX-XX-7853 Pay Class: laborer ✓ WH/EX: Single-0 Sex: Male Minority: Caucasian																				
O								0.00	0.00	\$689.00	40.00	689.00	40.00	52.71	98.53	16.67	117.13	443.96 ✓		
R	10.00	10.00						20.00	20.00	34.45				Total Deductions:			285.04 ✓			
JACKSON, DONNELL P O BOX 1861 WOODVILLE, MS 39669 XXX-XX-8970 Pay Class: laborer ✓ WH/EX: Single-3 Sex: Male Minority: Black																				
O								0.00	0.00	\$385.00	40.00	385.00	40.00	29.45	32.83	9.08	3.85	349.79 ✓		
R	10.00	10.00						20.00	20.00	19.25				Total Deductions:			75.21 ✓			
ODOM, JASON 508 INGLEWOOD DRIVE VICKSBURG, MS 39180 XXX-XX-6770 Pay Class: laborer ✓ WH/EX: Single-0 Sex: Male Minority: Caucasian																				
O								0.00	0.00	\$512.60	40.00	512.60	40.00	39.21	70.90	19.00	51.26	372.23 ✓		
R	10.00	10.00						20.00	20.00	25.63				Total Deductions:			180.37 ✓			
WHITE, ROBERT 212 COUNTRY CLUB DRIVE NATCHEZ, MS 39120 XXX-XX-8555 Pay Class: laborer ✓ WH/EX: Single-0 Sex: Male Minority: Black																				
O								0.00	0.00	\$444.60	40.00	444.60	40.00	34.02	60.88	13.75	53.35	322.60 ✓		
R	10.00	10.00						20.00	20.00	22.23				Total Deductions:			162.00 ✓			
HUGLEY, STEVE 1585 MOSLEY GAP ROAD VICKSBURG, MS 39183 XXX-XX-0615 Pay Class: laborer ✓ WH/EX: Single-0 Sex: Male Minority: Caucasian																				
O								0.00	0.00	\$385.00	40.00	385.00	40.00	29.45	51.81	14.00	0.00	329.74 ✓		
R	10.00	10.00						20.00	20.00	19.25				Total Deductions:			95.26 ✓			
								0.00	1.00	\$2,949.40	380.00	3,130.00	440.00	239.45	384.59	89.78	225.59	2,630.59		
Totals								131.00	140.00											

Checked By Malarie B Caillat

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 22 ✓

Job No. d1212

Contract No.

For week ending 03/24/2013 ✓

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job	This Week							
18	19	20	21	22	23	24	Job	Week	Hourly	Addl	Hourly	Addl	FICA/Medi	Fed	State	Other	Net
HOLMES, TYRAN							XXX-XX-3666		Pay Class: oiler ✓								
									WH/EX: Single-2		Sex: Male		Minority: Black				
							0.00	10.00	\$172.00 ✓	60.00	946.00 ✓	300.00	72.36	110.13	24.25	0.00	1,039.26 ✓
R 10.00							10.00 ✓	40.00	17.20 ✓			Total deductions:				206.74 ✓	
Totals							0.00	10.00	\$172.00	60.00	946.00	300.00	72.36	110.13	24.25	0.00	1,039.26
							10.00	40.00								0.00	

Checked by Melanie B Cailland

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 21 ✓

Job No. d1212

Contract No.

For week ending 03/17/2013 -

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net		
	11	12	13	14	15	16	17	Job	Week	Hourly	Addl	Hourly	Addl							
HOLMES, TYRAN																				
									XXX-XX-3666	Pay Class: oiler ✓										
									WH/EX: Single- 2		Sex: Male		Minority: Black							
O						10.00		10.00	10.00	25.80	602.00	180.00	946.00	300.00	72.37	110.13	24.25	0.00	1,039.25 ✓	
R		10.00	10.00					20.00	40.00	17.20					Total deductions:			206.75 ✓		
RILEY, GREGORY D																				
									XXX-XX-7395	Pay Class: excavop ✓										
									WH/EX: Single- 2		Sex: Male		Minority: Caucasian							
O					10.00	10.00	5.00	25.00	30.00	30.68	1,380.50	270.00	1,738.40	315.00	132.98	286.50	45.41	86.92	1,501.59 ✓	
R		10.00	10.00	10.00				30.00	40.00	20.45					Total deductions:			551.81 ✓		
LINDSEY, TROY																				
6440 HIGHWAY 27																				
VICKSBURG MS 39180																				
									XXX-XX-2959	Pay Class: laborer ✓										
									WH/EX: Single- 0		Sex: Male		Minority: Black							
O								0.00	0.00		914.00	80.00	914.00	80.00	69.92	127.63	38.88	100.00	657.57 ✓	
R		10.00	10.00	10.00	10.00			40.00	40.00	22.85					Total deductions:			336.43 ✓		
HOWELL, RODNEY D																				
4619 NAILOR ROAD																				
VICKSBURG MS 39180																				
									XXX-XX-0412	Pay Class: laborer ✓										
									WH/EX: Single- 1		Sex: Male		Minority: Caucasian							
O								0.00	0.00		830.00	80.00	830.00	80.00	63.50	83.32	26.00	100.00	637.18 ✓	
R		10.00	10.00	10.00	10.00			40.00	40.00	20.75					Total deductions:			272.82 ✓		
								Totals				3,726.50	610.00	4,428.40	775.00	338.77	607.58	134.54	286.92	3,835.59
								35.00	40.00											
								130.00	160.00											

Checked by Melanie B Caillet

Date 03/20/2013

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration, that during the payroll period commencing on the
(Building or Work)

11 day of March, 2013, and ending the 17 day of March, 2013

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below:

Standard: FICA; Medicare, Federal Income Tax, State Income Tax

Miscellaneous: Life Insurance, 401(k) Deferral

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract, that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor

SOUTHERN DELTA CONSTRUCTION LLC
P O BOX 1101
VICKSBURG, MS 39181-1101

Project and Location

Brady Canal Hydrologic Restoration
State of Louisiana, Coastal Protection &
Restoration Authority
635 Cajundome Blvd.
Lafayette, LA 70506

Payroll No. 20

Job No. d1212

Contract No.

For week ending 03/10/2013

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job	This Week								
04	05	06	07	08	09	10	Job	Week	This Job	Hourly	Addl	Hourly	Addl	FICA/Medi	Fed	State	Other	Net

No work this week.

Checked by Melaine B Cailaud

Date 03/20/2013

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the
(Building or Work)

04 day of March, 2013, and ending the 10 day of March, 2013
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967; 40 U.S.C. § 3145), and described below:

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

Miscellaneous: Life Insurance, 401(k) Deferral

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the classifications
set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship
program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and
Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered
with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such employees,
except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

No Work This Week

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor

SOUTHERN DELTA CONSTRUCTION LLC
P O BOX 1101
VICKSBURG, MS 39181-1101

Project and Location

Brady Canal Hydrologic Restoration
State of Louisiana, Coastal Protection &
Restoration Authority
635 Cajundome Blvd.
Lafayette, LA 70506

Payroll No. 19 ✓

Job No. d1212

Contract No.

For week ending 03/03/2013 ✓

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net
25	26	27	28	01	02	03	Job	Week	This Job	Hourly	Addl	Hourly	Addl				

No Hourly Employees on Job This Week

Checked By *Melanie B. Callender*

Date 03/20/2013

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the
(Building or Work)

25th day of February, 2013, and ending the 03rd day of March, 2013

all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below.

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

Miscellaneous: Life Insurance, 401(k) Deferral

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the classifications
set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship
program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and
Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered
with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

— in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such employees,
except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

— Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

No Hourly Employees on Job This Week

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor

SOUTHERN DELTA CONSTRUCTION LLC
P O BOX 1101
VICKSBURG, MS 39181-1101

Project and Location

Brady Canal Hydrologic Restoration
State of Louisiana, Coastal Protection &
Restoration Authority
635 Cajundome Blvd.
Lafayette, LA 70506

Payroll No. 18 ✓

Job No. d1212

Contract No.

For week ending 02/24/2013 ✓

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net
18	19	20	21	22	23	24	Job	Week	This Job	Hourly	Addl	Hourly	Addl				

No Hourly Employees on Job This Week

Checked By *Melanie B Caillet*

Date 03/20/2013

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the
(Building or Work)

18 day of February, 2013, and ending the 24 day of February, 2013,
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below:

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

Miscellaneous: Life Insurance, 401(k) Deferral

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete, that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract, that the classifications
set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship
program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and
Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered
with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such employees,
except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

No Hourly Employees on Job This Week

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor

SOUTHERN DELTA CONSTRUCTION LLC
P O BOX 1101
VICKSBURG, MS 39181-1101

Project and Location

Brady Canal Hydrologic Restoration
State of Louisiana, Coastal Protection &
Restoration Authority
635 Cajundome Blvd.
Lafayette, LA 70506

Payroll No. 17-

Job No. d1212

Contract No.

For week ending 02/17/2013 ✓

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job	This Week	FICA/Medi	Fed	State	Other	Net
11	12	13	14	15	16	17	Job Week	This Job	Hourly Addl	Hourly Addl					

No Hourly Employees on Job This Week

Checked By Melanie B Caillet

Date 03/20/2013

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the
(Building or Work)

11 day of February, 2013, and ending the 17 day of February, 2013,
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below.

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

Miscellaneous: Life Insurance, 401(k) Deferral

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the classifications
set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship
program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and
Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered
with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such employees,
except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

No Hourly Employees on Job This Week

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor

SOUTHERN DELTA CONSTRUCTION LLC
P O BOX 1101
VICKSBURG, MS 39181-1101

Project and Location

Brady Canal Hydrologic Restoration
State of Louisiana, Coastal Protection &
Restoration Authority
635 Cajundome Blvd.
Lafayette, LA 70506

Payroll No. 16 ✓

Job No. d1212

Contract No.

For week ending 02/10/2013 ✓

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job	This Week	FICA/Medi	Fed	State	Other	Net
04	05	06	07	08	09	10	Job	Week	This Job	Hourly	Addl	Hourly	Addl		

No Hourly Employees on Job This Week

Checked by *Melanie B Caillet*

Date 03/20/2013

I, Phyllis Oldenburg, Office Manager (Title)

(Name of Signatory Party)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

Southern Delta Construction LLC

(Contractor or Subcontractor)

on the

Brady Canal Hydrologic Restoration, that during the payroll period commencing on the

(Building or Work)

04 day of February 2013, and ending the 10 day of February 2013

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC

(Contractor or Subcontractor)

from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 53 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

Miscellaneous: Life Insurance, 401(k) Deferral

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract, that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

No Hourly Employees on Job This Week

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 2311 OF TITLE 31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 15 -

Job No. d1212

Contract No.

For week ending 02/03/2013 -

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job	This Week	FICA/Medi	Fed	State	Other	Net			
28	29	30	31	01	02	03	Job	Week	Hourly	Addl	Hourly	Addl						
HOLMES, TYRAN							XXX-XX-3666	Pay Class: oiler										
							WH/EX: Single-2	Sex: Male	Minority: Black									
O							0.00	0.00	331.10	90.00	434.30	120.00	33.22	28.65	8.89	0.00	483.54	
R	5.50	13.75					19.25	25.25	17.20				Total deductions:			70.76		
RILEY, GREGORY D							XXX-XX-7395	Pay Class: excavop										
							WH/EX: Single-2	Sex: Male	Minority: Caucasian									
O							0.00	13.75	444.79	90.00	1,239.85	270.00	94.85	171.24	31.20	61.99	1,150.57	
R	10.75	11.00					21.75	40.00	20.45				Total deductions:			359.28		
Totals								0.00	13.75	775.89		1,674.15		128.07		40.09		1,634.11
								41.00	65.25		180.00		390.00		199.89		61.99	

*Checked by
 Melaine B. Caillet*

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 14 ✓

Job No. d1212

Contract No.

For week ending 01/27/2013 ✓

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net			
	21	22	23	24	25	26	27	Job	Week	Hourly	Addl	Hourly	Addl								
HOLMES, TYRAN																					
									XXX-XX-3666	Pay Class: oiler											
										WH/EX: Single-2		Sex: Male		Minority: Black							
O					4.00	11.00	13.00	28.00 ✓	28.00	25.80 ✓	1,410.40 ✓	360.00	1,410.40	360.00	107.90	229.38	38.18	0.00	1,394.94 ✓		
R	11.00	11.00	11.00		7.00			40.00 ✓	40.00	17.20 ✓									Total deductions: 375.46 ✓		
MACDONALD, JAMES																					
									XXX-XX-9915	Pay Class: oiler											
										WH/EX: Single-1		Sex: Male		Minority: Caucasian							
O					10.75			10.75 ✓	10.75	23.10 ✓	771.93 ✓	180.00	864.33	225.00	66.12	111.13	24.97	0.00	887.11 ✓		
R		11.00	11.00	12.00				34.00 ✓	40.00	15.40 ✓									Total deductions: 202.22 ✓		
RILEY, GREGORY D																					
									XXX-XX-7395	Pay Class: excavop											
										WH/EX: Single-2		Sex: Male		Minority: Caucasian							
O				5.00	10.75	11.00	13.00	39.75 ✓	39.75	30.30 ✓	2,012.43	315.00	2,012.43	315.00	153.95	357.05	53.22	100.62	1,662.59 ✓		
R	11.00	11.00	11.00	7.00				40.00 ✓	40.00	20.20 ✓									Total deductions: 664.84 ✓		
Totals									78.50	78.50	4,194.76		4,287.16	900.00	327.97	697.56	116.37		100.62	3,944.64	
								114.00	120.00			855.00									

Checked By
 Melaine B Cailloux

Date 02/11/13

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the
(Building or Work)

21 day of January, 2013, and ending the 27 day of January, 2013

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below.

Standard Deductions: FICA, Medicare, Federal Income Tax, State Income Tax

Miscellaneous Deductions: 401(k) Deferral, Insurance

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:
(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

— in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

— Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 13 ✓

Job No. d1212

Contract No.

For week ending 01/20/2013 ✓

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job	This Week	FICA/Medi	Fed	State	Other	Net					
	14 ✓	15	16	17	18	19	20 ✓	Job	Week	Hourly	Addl						Hourly	Addl			
HOLMES, TYRAN																					
	XXX-XX-3666								Pay Class: oiler												
	WH/EX: Single-2				Sex: Male				Minority: Black												
O				8.00	11.50		5.50	25.00 ✓	28.25	25.80 ✓	1,199.70	360.00	1,416.85	420.00	108.38	230.99	38.37	0.00	1,459.11 ✓		
R	11.00	10.75	10.50					32.25 ✓	40.00	17.20 ✓				Total deductions:			377.74				
RILEY, GREGORY D																					
	XXX-XX-7395								Pay Class: excavop												
	WH/EX: Single-2				Sex: Male				Minority: Caucasian												
O			1.50	11.00	11.50		11.00	35.00 ✓	35.75	30.30 ✓	1,823.05	315.00	1,891.23	315.00	144.68	325.95	49.77	194.56	1,491.27 ✓		
R	11.00	10.75	10.50	5.50				37.75 ✓	40.00	20.20 ✓				Total deductions:			714.96				
Totals								60.00	64.00			3,022.75		3,308.08		253.06		88.14			2,950.38
								70.00	80.00			675.00		735.00		556.94			194.56		

Checked by
 Melaine B Cailloux

Date 02/11/13

I, Phyllis Oldenburg, Office Manager (Title)

(Name of Signatory Party)

do hereby state: Southern Delta Construction LLC (Contractor or Subcontractor) on the

(1) That I pay or supervise the payment of the persons employed by Brady Canal Hydrologic Restoration, that during the payroll period commencing on the

14 day of January, 2013, and ending the 20 day of January, 2013, all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC (Contractor or Subcontractor) from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below.

Standard Deductions: FICA, Medicare, Federal Income Tax, State Income Tax

Miscellaneous Deductions: 401(k) Deferral, Insurance

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete, that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract, that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That: (a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 12 ✓

Job No. d1212

Contract No.

For week ending 01/13/2013 ✓

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours		Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net				
	07	08	09	10	11	12	13	Job	Week	This Job	Hourly	Addl	Hourly	Addl									
RILEY, GREGORY D																							
								XXX-XX-7395		Pay Class: excavop													
								WH/EX: Single- 2		Sex: Male		Minority: Caucasian											
O						3.25	1.50	4.75 ✓	20.00	30.30 ✓	340.88	90.00	1,414.01	270.00	108.17	212.61	36.16	170.70	1,156.37 ✓				
R						6.75	3.00	9.75 ✓	40.00	20.20 ✓					Total deductions:			527.64					
								Totals															
								4.75 20.00		340.88		90.00		1,414.01		270.00		108.17		36.16		1,156.37	
								9.75 40.00										212.61		170.70			

*Checked By
 Melanie B Caillet*

Date 02/11/13

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the
(Building or Work)

7 day of January, 2013, and ending the 13 day of January, 2013
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below.

Standard Deductions: FICA, Medicare, Federal Income Tax, State Income Tax

Miscellaneous Deductions: 401(k) Deferral, Insurance

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the classifications
set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship
program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and
Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered
with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such employees,
except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

Table with 2 columns: EXCEPTION (CRAFT), EXPLANATION. The table is currently empty.

REMARKS:

Table with 1 column: REMARKS. The table is currently empty.

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
SOUTHERN DELTA CONSTRUCTION LLC
P O BOX 1101
VICKSBURG MS 39181

Project and Location
Brady Canal Hydrologic Restoration (TE-28)
State of Louisiana, Coastal Protection & Restoration Authority
635 Cajundome Blvd.
Lafayette, LA 70506

Payroll No. 11 ✓

Job No. D1212

Purchase No. 3854789

For week ending 01/06/2013

Project No. 2249211

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net
							Job Week	This Job	Hourly	Addl	Hourly	Addl					
31 ✓	01	02	03	04	05	06 ✓											

No Hourly Employees on Job This Week

Checked by *Melanie B*
Cailloux

Date 02/21/13

I, Phyllis Oldenburg, Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by Southern Delta Construction LLC (Contractor or Subcontractor) on the

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the

31st day of December, 2012, and ending the 06th day of January, 2013

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full (Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357; 40 U.S.C. § 3145), and described below.

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

No Hourly Employees on Job This Week

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1007 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
SOUTHERN DELTA CONSTRUCTION LLC
P O BOX 1101
VICKSBURG MS 39181

Project and Location
Brady Canal Hydrologic Restoration (TE-28)
State of Louisiana, Coastal Protection & Restoration Authority
635 Cajundome Blvd.
Lafayette, LA 70506

Payroll No. 10

Job No. D1212

Purchase No. 3854789

Project No. 2249211

For week ending 12/30/2012

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net
24	25	26	27	28	29	30	Job Week	This Job	Hourly	Addl	Hourly	Addl					

No Hourly Employees on Job This Week

Checked by *Melanie B*
Cailloux

Date 02/21/13

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the
(Building or Work)

24 day of December, 2012, and ending the 30 day of December, 2012,
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967, 76 Stat. 357; 40 U.S.C. § 3145), and described below:

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the classifications
set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship
program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and
Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered
with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

— in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such employees,
except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

— Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS

No Hourly Employees on Job This Week

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 4001 OF TITLE 48 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
SOUTHERN DELTA CONSTRUCTION LLC
P O BOX 1101
VICKSBURG MS 39181

Project and Location
Brady Canal Hydrologic Restoration (TE-28)
State of Louisiana, Coastal Protection & Restoration Authority
635 Cajundome Blvd.
Lafayette, LA 70506

Payroll No. 9

Job No. D1212

Purchase No. 3854789

For week ending 12/23/2012

Project No. 2249211

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net
17	18	19	20	21	22	23	Job Week	This Job	Hourly	Addl	Hourly	Addl					

No Hourly Employees on Job This Week

Checked by Melani B
Cullout

Date 02/21/13

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the
(Building or Work)

17 day of December, 2012, and ending the 23 day of December, 2012
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967, 76 Stat. 357; 40 U.S.C. § 3145), and described below.

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the classifications
set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship
program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and
Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered
with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

— in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such employees,
except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

— Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

No Hourly Employees on Job This Week

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1007 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
SOUTHERN DELTA CONSTRUCTION LLC
P O BOX 1101
VICKSBURG MS 39181

Project and Location
Brady Canal Hydrologic Restoration (TE-28)
State of Louisiana, Coastal Protection & Restoration Authority
635 Cajundome Blvd.
Lafayette, LA 70506

Payroll No. 8 ✓

Job No. D1212

Purchase No. 3854789

For week ending 12/16/2012 ✓

Project No. 2249211

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net
10	11	12	13	14	15	16	Job Week	This Job	Hourly	Addl	Hourly	Addl					

Nq Hourly Employees on Job This Week

Checked by Melanie B
Cullbert

Certified Payroll

Name/Address of Contractor
SOUTHERN DELTA CONSTRUCTION LLC
P O BOX 1101
VICKSBURG MS 39181

Project and Location
Brady Canal Hydrologic Restoration (TE-28)
State of Louisiana, Coastal Protection & Restoration Authority
635 Cajundome Blvd.
Lafayette, LA 70506

Payroll No. 7 ✓

Job No. D1212

Purchase No. 3854789

Project No. 2249211

For week ending 12/09/2012

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net
03 ✓	04	05	06	07	08	09 ✓	Job Week	This Job	Hourly	Addl	Hourly	Addl					

No Hourly Employees on Job This Week

Checked by Marie B
Cailloux

Date 02/21/13

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the
(Building or Work)

03rd day of December, 2012, and ending the 09th day of December, 2012
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. § 3145), and described below.

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the classifications
set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship
program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and
Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered
with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

-- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such employees,
except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

-- Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

EXCEPTION (CRAFT)	EXPLANATION

REMARKS:

No Hourly Employees on Job This Week

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
SOUTHERN DELTA CONSTRUCTION LLC
P O BOX 1101
VICKSBURG MS 39181

Project and Location
Brady Canal Hydrologic Restoration (TE-28)
State of Louisiana, Coastal Protection & Restoration Authority
635 Cajundome Blvd.
Lafayette, LA 70506

Payroll No. 6

Job No. D1212

Purchase No. 3854789

For week ending 12/02/2012

Project No. 2249211

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net
26	27	28	29	30	01	02	Job Week	This Job	Hourly	Addl	Hourly	Addl					

No Hourly Employees on Job This Week

Checked by Melanie B
Caillet

Date 02/21/13

I, Phyllis Oldenburg, Office Manager (Title)

(Name of Signatory Party)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by Southern Delta Construction LLC (Contractor or Subcontractor) on the

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the

26 day of November 2012, and ending the 02 day of December 2012

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC (Contractor or Subcontractor) from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 40 U.S.C. § 3145), and described below:

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

Table with 2 columns: EXCEPTION (CRAFT), EXPLANATION

REMARKS:

No Hourly Employees on Job This Week

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 5

Job No. d1212

Contract No.

For week ending 11/25/2012

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net			
	19	20	21	22	23	24	25	Job	Week	Hourly	Addl	Hourly	Addl								
ABT, JOHN								XXX-XX-6405	Pay Class: dragline		WH/EX: Single- 0		Sex: Male	Minority: Caucasian							
O				9.50	12.00			21.50	45.50	35.62	1,715.83	300.00	2,570.71	420.00	145.24	582.46	76.16	0.00	2,186.85		
R	7.50	14.00	14.00	4.50				40.00	40.00	23.75								803.86			
Total deductions:																					
DEVIILLIER, DARYL								XXX-XX-1316	Pay Class: dragline		WH/EX: Married- 4		Sex: Male	Minority: Caucasian							
O				8.00	12.00			20.00	44.00	35.62	1,662.40	300.00	2,517.28	420.00	142.23	364.61	72.63	0.00	2,357.81		
R	12.00	12.00	12.00	4.00				40.00	40.00	23.75								579.47			
Total deductions:																					
DEVIILLIER JR, DARYL								XXX-XX-7608	Pay Class: oiler		WH/EX: Married- 5		Sex: Male	Minority: Caucasian							
O				8.00	12.00			20.00	44.00	22.50	1,050.00	225.00	1,590.00	315.00	89.83	143.60	44.81	0.00	1,626.76		
R	12.00	12.00	12.00	4.00				40.00	40.00	15.00								278.24			
Total deductions:																					
HOLMES, TYRAN								XXX-XX-3666	Pay Class: oiler		WH/EX: Single- 2		Sex: Male	Minority: Black							
O				9.50	12.00			21.50	45.50	25.12	1,210.08	300.00	1,812.96	420.00	102.43	330.02	50.25	0.00	1,750.26		
R	7.50	14.00	14.00	4.50				40.00	40.00	16.75								482.7			
Total deductions:																					
JACKSON, NOEL N								XXX-XX-6691	Pay Class: dragline		WH/EX: Married- 1		Sex: Male	Minority: Black							
O								0.00	0.00		154.38	60.00	154.38	60.00	8.72	0.00	3.09	0.00	202.57		
R	6.50							6.50	6.50	23.75								11.81			
Total deductions:																					
MACDONALD, JAMES								XXX-XX-9915	Pay Class: oiler		WH/EX: Single- 1		Sex: Male	Minority: Caucasian							
O								0.00	0.00		97.50	45.00	97.50	45.00	5.51	0.00	1.96	0.00	135.03		
R	6.50							6.50	6.50	15.00								7.47			
Total deductions:																					
Totals								83.00	179.00		5,890.19		8,742.83	493.96		248.90		8,259.28			
								173.00	173.00		1,230.00		1,680.00		1,420.69		0.00				

*Checked by Marlene B
Caillet*

Date 11/30/2012

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration, that during the payroll period commencing on the

(Building or Work) 19th day of November, 2012, and ending the 25th day of November, 2012

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subpart A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below.

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 4

Job No. d1212

Contract No.

For week ending 11/18/2012

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		Fed	State	Other	Net		
	12	13	14	15	16	17	18	Job	Week	Hourly	Addl	Hourly	Addl					FICA/Medi	
ABT, JOHN P O BOX 675 LAPLACE LA 70069 XXX-XX-6405 Pay Class: dragline WH/EX: Single-0 Sex: Male Minority: Caucasian																			
O				8.00	12.00	12.00	12.00	44.00	44.00	35.62	\$2,517.28	420.00	2,517.28	420.00	142.23	567.50	74.56	0.00	2,152.99
R	12.00	12.00	12.00	4.00				40.00	40.00	23.75									Total deductions: 784.29
DEVILLIER, DARYL 25914 PINECREST DR PICAYUNE MS 39466 XXX-XX-1316 Pay Class: dragline WH/EX: Married-4 Sex: Male Minority: Caucasian																			
O								0.00	0.00		\$166.25	60.00	166.25	60.00	9.39	0.00	3.32	0.00	213.54
R	7.00							7.00	7.00	23.75									Total deductions: 12.71
DEVILLIER JR, DARYL 807 BUCK RUN PEARL RIVER LA 70452 XXX-XX-7608 Pay Class: oiler WH/EX: Married-5 Sex: Male Minority: Caucasian																			
O								0.00	0.00		\$105.00	45.00	105.00	45.00	5.94	0.00	2.10	0.00	141.96
R	7.00							7.00	7.00	15.00									Total deductions: 8.04
HOLMES, TYRAN P O BOX 723 GRAY LA 70359 XXX-XX-3666 Pay Class: oiler WH/EX: Single-2 Sex: Male Minority: Black																			
O				8.00	12.00	12.00	12.00	44.00	44.00	25.12	\$1,775.28	420.00	1,775.28	420.00	100.30	320.60	49.12	0.00	1,725.26
R	12.00	12.00	12.00	4.00				40.00	40.00	16.75									Total deductions: 470.02
JACKSON, NOEL N 9416 TARA DR SW COVINGTON GA 30014 XXX-XX-6691 Pay Class: dragline WH/EX: Married-1 Sex: Male Minority: Black																			
O				9.50	14.00	14.00	14.00	51.50	51.50	35.62	\$2,784.43	420.00	2,784.43	420.00	157.32	486.20	80.65	0.00	2,480.26
R	7.50	14.00	14.00	4.50				40.00	40.00	23.75									Total deductions: 724.17
MACDONALD, JAMES P O BOX 622 SWARTZ LA 71281 XXX-XX-9915 Pay Class: oiler WH/EX: Single-1 Sex: Male Minority: Caucasian																			
O				9.50	14.00	14.00	14.00	51.50	51.50	22.50	\$1,758.75	315.00	1,758.75	315.00	99.37	334.74	51.80	0.00	1,587.84
R	7.50	14.00	14.00	4.50				40.00	40.00	15.00									Total deductions: 485.91
Totals								191.00	191.00		\$9,106.99		9,106.99	514.55		261.55		8,301.85	
								174.00	174.00			1,680.00	1,680.00	1,709.04		0.00			

*Checked by Melanie B
Cailloux*

Date 11/21/2012

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration, that during the payroll period commencing on the
(Building or Work)
12 day of November 2012, and ending the 18 day of November 2012

all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below.

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the classifications
set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship
program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and
Training, United States Department of Labor; or if no such recognized agency exists in a State, are registered
with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

-- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such employees,
except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

-- Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

EXCEPTION (CRAFT)	EXPLANATION

REMARKS:

--

SIGNATURE

Phyllis Oldenburg, Office Manager

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 3 ✓

Job No. d1212

Contract No.

For week ending 11/11/2012 ✓

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net		
	05	06	07	08	09	10	11	Job	Week	Hourly	Addl	Hourly	Addl							
DEVILLIER, DARYL 25914 PINECREST DR PICAYUNE MS 39466 XXX-XX-1316 Pay Class: dragline ✓ WH/EX: Married- 4 Sex: Male Minority: Caucasian																				
O				9.00	14.00	14.00	14.00	51.00 ✓	51.00	35.62 ✓	2,766.62 ✓	420.00	2,766.62 ✓	420.00	156.31	426.94	80.11	42.40	2,480.86 ✓	
R	7.00	14.00	14.00	5.00				40.00 ✓	40.00	23.75 ✓								Total deductions: 705.76 ✓		
DEVILLIER JR, DARYL 807 BUCK RUN PEARL RIVER LA 70452 XXX-XX-7608 Pay Class: oiler ✓ WH/EX: Married- 5 Sex: Male Minority: Caucasian																				
O				9.00	14.00	14.00	14.00	51.00 ✓	51.00	22.50 ✓	1,747.50 ✓	315.00	1,747.50 ✓	315.00	98.73	167.22	49.54	0.00	1,747.01 ✓	
R	7.00	14.00	14.00	5.00				40.00 ✓	40.00	15.00 ✓								Total deductions: 315.49 ✓		
JACKSON, NOEL N 9416 TARA DR SW COVINGTON GA 30014 XXX-XX-6691 Pay Class: dragline ✓ WH/EX: Married- 1 Sex: Male Minority: Black																				
O				7.50	12.00	12.00	12.00	43.50 ✓	43.50	35.62 ✓	2,499.47 ✓	420.00	2,499.47 ✓	420.00	141.22	414.96	72.10	0.00	2,291.19 ✓	
R	11.50	12.00	12.00	4.50				40.00 ✓	40.00	23.75 ✓								Total deductions: 628.28 ✓		
MACDONALD, JAMES P O BOX 622 SWARTZ LA 71281 XXX-XX-9915 Pay Class: oiler ✓ WH/EX: Single- 1 Sex: Male Minority: Caucasian																				
O				7.50	12.00	12.00	12.00	43.50 ✓	43.50	22.50 ✓	1,578.75 ✓	315.00	1,578.75 ✓	315.00	89.20	289.74	46.40	0.00	1,468.41 ✓	
R	11.50	12.00	12.00	4.50				40.00 ✓	40.00	15.00 ✓								Total deductions: 425.34 ✓		
Totals								189.00	189.00		8,592.34		8,592.34	485.46		248.15				7,987.47
								160.00	160.00				1,470.00		1,470.00	1,298.86			42.40	

Checked by
Melanie B Caillat

Date 11/15/2012

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)

Brady Canal Hydrologic Restoration; that during the payroll period commencing on the
(Building or Work)

05 day of November, 2012, and ending the 11 day of November, 2012

all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967; 76 Stat. 357, 40 U.S.C. § 3145), and described below:

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

Miscellaneous: Insurance

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such employees,
except as noted in section 4(c) below.

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 2

Job No. d1212

Contract No.

For week ending 11/04/2012

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net		
	29	30	31	01	02	03	04	Job	Week	Hourly	Addl	Hourly	Addl							
ABT, JOHN P O BOX 675 LAPLACE LA 70069 XXX-XX-6405 Pay Class: dragline WH/EX: Single-0 Sex: Male Minority: Caucasian																				
O								0.00	0.00	\$285.00	120.00	285.00	120.00	16.10	28.18	7.59	0.00	353.13 ✓		
R	6.00	6.00						12.00 ✓	12.00	23.75 ✓								Total deductions: 51.87 ✓		
DEVILLIER, DARYL 25914 PINECREST DR PICAYUNE MS 39466 XXX-XX-1316 Pay Class: dragline WH/EX: Married-4 Sex: Male Minority: Caucasian																				
O				8.00	12.00	12.00	12.00	44.00 ✓	44.00	35.62	\$2,517.28	420.00	2,517.28	420.00	142.23	364.61	72.63	0.00	2,357.81 ✓	
R	12.00	12.00	12.00	4.00				40.00 ✓	40.00	23.75 ✓								Total deductions: 579.47 ✓		
DEVILLIER JR, DARYL 807 BUCK RUN PEARL RIVER LA 70452 XXX-XX-7608 Pay Class: oiler WH/EX: Married-5 Sex: Male Minority: Caucasian																				
O				8.00	12.00	12.00	12.00	44.00 ✓	44.00	22.50	\$1,590.00	315.00	1,590.00	315.00	89.83	143.60	44.81	0.00	1,626.76 ✓	
R	12.00	12.00	12.00	4.00				40.00 ✓	40.00	15.00 ✓								Total deductions: 278.24 ✓		
HOLMES, TYRAN P O BOX 723 GRAY LA 70359 XXX-XX-3666 Pay Class: oiler WH/EX: Single-2 Sex: Male Minority: Black																				
O								0.00	0.00	\$335.00	180.00	335.00	180.00	18.93	14.75	5.92	0.00	475.40 ✓		
R	6.00	6.00	8.00					20.00 ✓	20.00	16.75 ✓								Total deductions: 39.6 ✓		
JACKSON, NOEL N 9416 TARA DR SW COVINGTON GA 30014 XXX-XX-6691 Pay Class: dragline WH/EX: Married-1 Sex: Male Minority: Black																				
O								0.00	0.00	\$213.75	60.00	213.75	60.00	12.08	0.00	4.27	0.00	257.40 ✓		
R	9.00							9.00 ✓	9.00	23.75 ✓								Total deductions: 16.35 ✓		
MACDONALD, JAMES P O BOX 622 SWARTZ LA 71281 XXX-XX-9915 Pay Class: oiler WH/EX: Single-1 Sex: Male Minority: Caucasian																				
O								0.00	0.00	\$135.00	45.00	135.00	45.00	7.63	2.06	3.09	0.00	167.22 ✓		
R	9.00							9.00 ✓	9.00	15.00 ✓								Total deductions: 12.78 ✓		
Totals								88.00	88.00	\$5,076.03	1,140.00	5,076.03	1,140.00	286.80	553.20	138.31		0.00		5,237.72

Date 11/08/12

I, Phyllis Oldenburg Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Southern Delta Construction LLC on the
(Contractor or Subcontractor)
Brady Canal Hydrologic Restoration; that during the payroll period commencing on the
(Building or Work)
29 day of October, 2012, and ending the 04 day of November, 2012
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Southern Delta Construction LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

Standard: FICA, Medicare, Federal Income Tax, State Income Tax

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the classifications
set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship
program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and
Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered
with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such employees,
except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

NAME AND TITLE

Phyllis Oldenburg, Office Manager

SIGNATURE

Phyllis Oldenburg

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

Certified Payroll

Name/Address of Contractor
 SOUTHERN DELTA CONSTRUCTION LLC
 P O BOX 1101
 VICKSBURG, MS 39181-1101

Project and Location
 Brady Canal Hydrologic Restoration
 State of Louisiana, Coastal Protection &
 Restoration Authority
 635 Cajundome Blvd.
 Lafayette, LA 70506

Payroll No. 1

Job No. d1212

Contract No.

For week ending 10/28/2012

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Total Hours	Rate	This Job		This Week		FICA/Medi	Fed	State	Other	Net	
	22	23	24	25	26	27	28	Job	Week	Hourly	Addl	Hourly	Addl						
ABT, JOHN P O BOX 675 LAPLACE LA 70069 XXX-XX-6405 Pay Class: dragline ✓ WH/EX: Single- 0 Sex: Male Minority: Caucasian																			
O	6.50	6.25	6.25	6.50	6.50	6.50	6.50	38.50 ✓	46.00	35.62 ✓	2,167.00	360.00	2,588.53	420.00	146.26	587.45	76.69	0.00	2,198.13 ✓
R	5.50	5.75	5.75	5.50	5.50	5.50	5.50	33.50 ✓	40.00	23.75 ✓				Total deductions:			810.4 ✓		
HOLMES, TYRAN P O BOX 723 GRAY LA 70359 XXX-XX-3666 Pay Class: oiler ✓ WH/EX: Single- 2 Sex: Male Minority: Black																			
O	6.50	6.25	6.25	6.50	6.50	6.50	6.50	38.50 ✓	46.00	25.12 ✓	1,528.25	360.00	1,825.53	420.00	103.14	333.16	50.63	0.00	1,758.60 ✓
R	5.50	5.75	5.75	5.50	5.50	5.50	5.50	33.50 ✓	40.00	16.75 ✓				Total deductions:			486.93 ✓		
JACKSON, NOEL N 9416 TARA DR SW COVINGTON GA 30014 XXX-XX-6691 Pay Class: dragline ✓ WH/EX: Married- 1 Sex: Male Minority: Black																			
O	3.25	6.50	7.75	7.75	7.75	7.50	7.50	48.00 ✓	48.00	35.62 ✓	2,659.77	420.00	2,659.77	420.00	150.28	455.04	76.91	0.00	2,397.54 ✓
R	2.75	5.50	6.25	6.25	6.25	6.50	6.50	40.00 ✓	40.00	23.75 ✓				Total deductions:			682.23 ✓		
MACDONALD, JAMES P O BOX 622 SWARTZ LA 71281 XXX-XX-9915 Pay Class: oiler ✓ WH/EX: Single- 1 Sex: Male Minority: Caucasian																			
O	3.25	6.50	7.75	7.75	7.75	7.50	7.50	48.00 ✓	48.00	22.50 ✓	1,680.01	315.00	1,680.01	315.00	94.92	315.05	49.44	0.00	1,535.60 ✓
R	2.75	5.50	6.25	6.25	6.25	6.50	6.50	40.00 ✓	40.00	15.00 ✓				Total deductions:			459.41 ✓		
Totals								173.00	188.00		8,035.03		8,753.84		494.60		253.67		7,889.87
								147.00	160.00			1,455.00		1,575.00		1,690.70		0.00	



P.O. BOX 1101 • VICKSBURG, MISSISSIPPI 39181 • TELEPHONE 601/636-5807 • FAX 601/636-8847

State of Louisiana
Coastal Protection & Restoration Authority
635 Cajundome Blvd.
Lafayette, LA 70506

Re: Brady Canal Hydrologic Restoration (TE-28)
2012 Maintenance Project
Terrebone Parish, Louisiana

Authorization to Sign Certified Payroll

To Whom It May Concern:

The purpose of this letter is to authorize Phyllis Oldenburg to sign certified payrolls for the Brady Canal Hydrologic Restoration Project, Project Number 2249211 for Southern Delta Construction LLC.

Our tax number and contact information is:

Tax No. 26-1592036
Company Name: Southern Delta Construction LLC
Address: P. O. Box 1101
Vicksburg, MS 39181
Phone: (601)636-5807
Fax: (601)636-8847

Is this a MBE/WBE (Minority or Woman owned business)? NO
Our contract amount is: \$1,351,000.00

If you have any questions, please do not hesitate to call me.

Sincerely,

Daniel K. Fordice, III
President



SKILL • RESPONSIBILITY • INTEGRITY

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources
Contractor or Sub Southern Delta Construction, LLC
Employee Daryl Devillier

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
 I authorize a one-time deduction(s), as described below.
 I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
<u>Life Insurance</u>	<u>\$42.40</u>

Employee Signature Daryl Devillier
Date Mar. 5, 2013

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources

Contractor or Sub Southern Delta Construction, LLC

Employee Rodney Howell

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
401(k) Deferral	\$100.00

Employee Signature Rodney D Howell

Date 04/11/2013

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources

Contractor or Sub Southern Delta Construction, LLC

Employee Donnell Jackson

One box should be marked with an "x". Occasionally more than one box will be marked.
 In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
401(k) Deferral	1% of Gross Wages

Employee Signature Donnell Jackson

Date 03/25/2013

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources
Contractor or Sub Southern DeltaConstruction, LLC
Employee Noel Jackson

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
 I authorize a one-time deduction(s), as described below.
 I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
<u>Life Insurance</u>	<u>\$15.90</u>

Employee Signature

Noel Jackson

Date

3-5-2012

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources

Contractor or Sub Southern Delta Construction, LLC

Employee Troy Lindsey

One box should be marked with an "X". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
401(k) Deferral	\$100.00

Employee Signature Troy Lindsey

Date 04/11/2013

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources

Contractor or Sub Southern Delta Construction, LLC

Employee Bruce Odom

One box should be marked with an "X". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
401(k) Deferral	17% of Gross Wages

Employee Signature *Bruce Odom*

Date 03/25/2013

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources

Contractor or Sub Southern DeltaConstruction, LLC

Employee Jason Odom

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
401(k) Deferral	10% of Gross Wages

Employee Signature

Date 03/25/2013

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources
Contractor or Sub Southern DeltaConstruction, LLC
Employee Gregory Riley

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
 I authorize a one-time deduction(s), as described below.
 I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
<u>Life Insurance</u>	<u>\$ 71.60</u>
<u>401K</u>	<u>5% of Gross</u>
<u>loan</u>	<u>\$ 100.00</u>

Employee Signature Gregory J. Riley
Date 3-4-13

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources

Contractor or Sub Southern Delta Construction, LLC

Employee Robert White

One box should be marked with an "X". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
401(k) Deferral	12% of Gross Wages

Employee Signature *Robert White*

Date 03/25/2013

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

-- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS	EXCEPTION (CRAFT)	EXPLANATION

Date 04/09/2013
Christie Luke Office Manager
 (Name of Signatory Party) (Title)

do hereby state:
 (1) That I pay or supervise the payment of the persons employed by Frogco Amphibious Equipment, LLC on the of 2013.
 (Contractor or Subcontractor)
Jug Lake Project; that during the payroll period commencing on the day of 2013, and ending the 30 day of 2013, all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said Frogco Amphibious Equipment, LLC from the full (Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 40 U.S.C. § 3145), and described below:

REMARKS:
 8 Hrs Holiday paid (Good Friday)

NAME AND TITLE
Christie Luke - Office Manager
 SIGNATURE

 THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR (SUB) CONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:
 (a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS
 -- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

Date 04/09/2013

I, Chrissie Luke Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Frogco Amphibious Equipment, LLC on the
(Contractor or Subcontractor)

Jug Lake Project; that during the payroll period commencing on the
(Building or Work)

17 day of 3, 2013, and ending the 23 day of 3, 2013,
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment, LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967; 40 U.S.C. § 3145), and described below:

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the
classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide
apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of
Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a
State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:
(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such
employees, except as noted in section 4(c) below.

SIGNATURE

NAME AND TITLE
Chrissie Luke - Office Manager

Chrissie B. Luke

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

Date 04/09/2013

I, Chrissie Luke Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Frogco Amphibious Equipment, LLC on the
(Contractor or Subcontractor)

Jug Lake Project; that during the payroll period commencing on the
(Building or Work)

17th day of 2, 2013, and ending the 9th day of 3, 2013,
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment, LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3, (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967; 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the
classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide
apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of
Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a
State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

— in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such
employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

— Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

No work performed

NAME AND TITLE

Chrissie Luke - Office Manager

SIGNATURE

Chrissie B. Luke

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

PAYROLL

(For Contractor's Optional Use; See Instructions at www.dol.gov/esa/whd/forms/wh347instr.htm)



Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number.

NAME OF CONTRACTOR OR SUBCONTRACTOR ADDRESS PO Box 3681 PROJECT OR CONTRACT NO. OMB No.: 1215-0149 Expires: 12/31/2011

Frogco Amphibious Equipment, LLC

PROJECT AND LOCATION

Jug Lake

02/16/2013

FOR WEEK ENDING

17

(1) NAME AND INDIVIDUAL IDENTIFYING NUMBER (e.g., LAST FOUR DIGITS OF SOCIAL SECURITY NUMBER) OF WORKER	(2) EXEMPTIONS TO WITHHOLDINGS	(3) WORK CLASSIFICATION	(4) DAY AND DATE							(5) TOTAL HOURS	(6) RATE OF PAY	(7) GROSS AMOUNT EARNED	(8) DEDUCTIONS				(9) NET WAGES PAID FOR WEEK		
			2/10	2/11	2/12	2/13	2/14	2/15	2/16				FICA	WITH- HOLDING TAX	Medicare	LA Withhold ⁺		OTHER	TOTAL DEDUCTIONS
			HOURS WORKED EACH DAY																
Fred Rodriguez Jr -- 7392	0	Operator	4.00	6.00	6.00	4.00	6.00	6.00	26.00	\$34.50	\$2,001.00	\$488.00	\$143.93	\$33.66	\$98.59	\$30.80	\$794.98	\$1,206.02	
Fred Rodriguez Jr -- 7392 Per Diem	0	Operator	1.00	1.00	1.00	1.00	1.00	1.00	5.00	\$75.00	\$375.00							\$375.00	

While completion of Form WH-347 is optional, it is mandatory for covered contractors and subcontractors performing work on Federally financed or assisted construction contracts to furnish weekly a statement with respect to the wages paid each employee during the preceding week. The Copeland Act (40 U.S.C. § 3145) contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a copy of all payrolls to the Federal agency contracting for or financing the construction project, accompanied by a signed 'Statement of Compliance' indicating that the payrolls are correct and complete and that each laborer or mechanic has been paid not less than the proper Davis-Bacon prevailing wage rate for the work performed. DOL and federal contracting agencies receiving this information review the information to determine that employees have received legally required wages and fringe benefits.

Checked by *Melanie B. Callender*

Public Burden Statement
We estimate that it will take an average of 55 minutes to complete this collection, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. If you have any comments regarding these estimates or any other aspect of this collection, including suggestions for reducing this burden, send them to the Administrator, Wage and Hour Division, ESA, U.S. Department of Labor, Room S3502, 200 Constitution Avenue, N.W., Washington, D.C. 20210

Date 04/09/2013

I, Chrissie Luke (Name of Signatory Party) Office Manager (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by Frogco Amphibious Equipment, LLC (Contractor or Subcontractor) on the

Jug Lake Project; that during the payroll period commencing on the

3 day of 2, 2013, and ending the 9 day of 2, 2013

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment, LLC (Contractor or Subcontractor) from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

-- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

-- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

NAME AND TITLE

Chrissie Luke - Office Manager

SIGNATURE

Chrissie Luke

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Date 02/06/2013

I, Chrissie Luke (Name of Signatory Party) Office Manager (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by Frogco Amphibious Equipment LLC (Contractor or Subcontractor) on the

Jug Lake Project; that during the payroll period commencing on the

27 day of 1, 2013, and ending the 2 day of 2, 2013, all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment LLC (Contractor or Subcontractor) from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

NAME AND TITLE
Chrissie Luke - Office Manager

SIGNATURE

Chrissie Luke

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Date 02/06/2013

I, Chrissie Luke Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by Frogco Amphibious Equipment LLC on the Frogco Amphibious Equipment LLC (Contractor or Subcontractor)

Jug Lake Project; that during the payroll period commencing on the 20 / day of 1, 2013, and ending the 26 / day of 1, 2013, all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment LLC (Contractor or Subcontractor) from the full weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That: (a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS - in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

NAME AND TITLE
Chrissie Luke - Office Manager

SIGNATURE

Chrissie B. Luke

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Date 02/06/2013

I, Chrissie Luke (Name of Signatory Party) Office Manager (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by Frogco Amphibious Equipment LLC (Contractor or Subcontractor) on the Jug Lake Project (Building or Work); that during the payroll period commencing on the 13 day of 12, 2013, and ending the 19 day of 1, 2013,

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment LLC (Contractor or Subcontractor) from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

NAME AND TITLE
Chrissie Luke - Office Manager

SIGNATURE

Chrissie B. Luke

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Date 02/06/2013

I, Chrissie Luke (Name of Signatory Party) Office Manager (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by Frogco Amphibious Equipment LLC (Contractor or Subcontractor) on the
Jug Lake Project (Building or Work); that during the payroll period commencing on the 6 day of 12, 2012, and ending the 12 day of 1, 2013,

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment LLC (Contractor or Subcontractor) from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

NAME AND TITLE
Chrissie Luke - Office Manager

SIGNATURE

Chrissie B. Luke

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.



PAYROLL

(For Contractor's Optional Use; See Instructions at www.dol.gov/esa/whd/forms/wh347instr.htm)

Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number.

Rev. Dec. 2008

NAME OF CONTRACTOR OR SUBCONTRACTOR

Frogco Amphibious Equipment, LLC

ADDRESS PO Box 3681 Houma, La. 70361

OMB No.: 1215-0149
Expires: 12/31/2011

PAYROLL NO. 11

FOR WEEK ENDING 01/05/2013

PROJECT AND LOCATION
Jug Lake

PROJECT OR CONTRACT NO.

(1) NAME AND INDIVIDUAL IDENTIFYING NUMBER (e.g. LAST FOUR DIGITS OF SOCIAL SECURITY NUMBER) OF WORKER	(2) NO. OF MONTHS WITH HOLDING EXEMPTIONS	(3) WORK CLASSIFICATION	(4) DAY AND DATE							(5) TOTAL HOURS	(6) RATE OF PAY	(7) GROSS AMOUNT EARNED	(8) DEDUCTIONS				(9) NET WAGES PAID FOR WEEK		
			HOURS WORKED EACH DAY										FICA	WITH-HOLDING TAX	Medicare	L.A. Withhold ⁺		OTHER	TOTAL DEDUCTIONS
			12/30	1/1	1/2	1/3	1/4	1/5	1/6										
Fred Rodriguez Jr. -- 7392	0	Operator	0	2.00	1.00	1.00	1.00	1.00	6.00	\$34.50	\$1,863.00	\$126.76	\$415.00	\$29.65	\$84.63	\$30.80	\$686.84	\$1,176.16	
Fred Rodriguez Jr. -- 7392 Per Diem	0	Operator	0	1.00	1.00	1.00	1.00	1.00	5.00	75.00	\$375.00							\$375.00	
			0																
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While completion of Form WH-347 is optional, it is mandatory for covered contractors and subcontractors performing work on Federally financed or assisted construction projects to respond to the information collection contained in 29 C.F.R. §§ 3.3, 5.5(a). The Copeland Act (40 U.S.C. § 3145) requires contractors and subcontractors performing work on Federally financed or assisted construction projects to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S. Department of Labor (DOL) regulations at 29 C.F.R. § 5.5(e)(3)(ii) require contractors to submit weekly a copy of all payrolls to the Federal agency contracting for or financing the construction project, accompanied by a signed "Statement of Compliance" indicating that the payrolls are correct and complete and that each laborer or mechanic has been paid not less than the proper Davis-Bacon prevailing wage rate for the work performed. DOL and federal contracting agencies receiving this information review the information to determine that employees have received legally required wages and fringe benefits.

Public Burden Statement
Checked by Mhairi B Carroll

We estimate that it will take an average of 55 minutes to complete this collection, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. If you have any comments regarding these estimates or any other aspect of this collection, including suggestions for reducing this burden, send them to the Administrator, Wage and Hour Division, ESA, U.S. Department of Labor, Room S3502, 200 Constitution Avenue, N.W. Washington, D.C. 20210

Date 02/06/2013

I, Chrissie Luke Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by Frogco Amphibious Equipment, LLC on the
(Contractor or Subcontractor)
Jug Lake Project; that during the payroll period commencing on the
(Building or Work)
30 day of 12, 2012, and ending the 5 day of 1, 2013,
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said
Frogco Amphibious Equipment, LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below.

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the
classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide
apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of
Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a
State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such
employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

*16 hrs - Holiday pay for New Years Etc & New Years Day
16 hrs - Paid Vacation Days*

NAME AND TITLE

Chrissie Luke - Office Manager

SIGNATURE

Chrissie B. Luke

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

PAYROLL

(For Contractor's Optional Use; See Instructions at www.dol.gov/esa/whd/forms/wh347instr.htm)

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Rev. Dec. 2008

NAME OF CONTRACTOR OR SUBCONTRACTOR ADDRESS PO Box 3681 Houma, La. 70361 PROJECT OR CONTRACT NO. OMB No.: 1215-0149 Expires: 12/31/2011

PAYROLL NO. 10 FOR WEEK ENDING 12/29/2012 PROJECT AND LOCATION Jug Lake

(1) NAME AND INDIVIDUAL IDENTIFYING NUMBER (e.g., LAST FOUR DIGITS OF SOCIAL SECURITY NUMBER) OF WORKER	(2) EXEMPTIONS WITHHOLDING OR NO	(3) WORK CLASSIFICATION	(4) DAY AND DATE							(5) TOTAL HOURS	(6) RATE OF PAY	(7) GROSS AMOUNT EARNED	(8) DEDUCTIONS				(9) NET WAGES PAID FOR WEEK		
			12/23	12/24	12/25	12/26	12/27	12/28	12/29				FICA	WITH- HOLDING TAX	Medicare	LA Withhold ⁺		OTHER	TOTAL DEDUCTIONS
Fred Rodriguez Jr -- 7392	0	Operator	10.00	12.00	10.00	10.00	10.00	10.00	10.00	74.00	\$34.50	\$1,702.00	\$126.79	\$415.00	\$29.65	\$84.63	\$30.80	\$686.87	\$1,015.13
Fred Rodriguez Jr -- 7392 Per Diem	0	Operator				1.00	1.00			2.00	\$75.00	\$150.00							\$150.00

While completion of Form WH-347 is optional, it is mandatory for covered contractors and subcontractors performing work on Federally financed or assisted construction contracts to respond to the information collection contained in 29 C.F.R. §§ 3.3, 5.5(p). The Copeland Act (40 U.S.C. § 3145) contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S. Department of Labor (DOL) regulations at 29 C.F.R. § 5.5(a)(3)(ii) require contractors to submit weekly a copy of all payrolls to the Federal agency contracting for or financing the construction project, accompanied by a signed "Statement of Compliance" indicating that the payrolls are correct and complete and that each laborer or mechanic has been paid not less than the proper Davis-Bacon prevailing wage rate for the work performed. DOL and federal contracting agencies receiving this information review the information to determine that employees have received legally required wages and fringe benefits.

Public Burden Statement
We estimate that it will take an average of 55 minutes to complete this collection, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. If you have any comments regarding these estimates or any other aspect of this collection, including suggestions for reducing this burden, send them to the Administrator, Wage and Hour Division, ESA, U.S. Department of Labor, Room S3502, 200 Constitution Avenue, N.W. Washington, D.C. 20210

Checked by Melaine B. Calloway

Date 02/06/2013

I, Chrissie Luke Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Frogco Amphibious Equipment LLC on the
(Contractor or Subcontractor)

Jug Lake Project; that during the payroll period commencing on the
(Building or Work)

23 day of 12, 2012, and ending the 29 day of 12, 2012,
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967; 48 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the
classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide
apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of
Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a
State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such
employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

12/24 + 12/25 Holiday Pay
12/23, 12/28, + 12/29 - Vacation Pay

NAME AND TITLE
Chrissie Luke - Office Manager

SIGNATURE

Chrissie B. Luke

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.



PAYROLL
(For Contractor's Optional Use; See Instructions at www.dol.gov/esa/whd/forms/wh347instr.htm)

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Rev. Dec. 2008

NAME OF CONTRACTOR OR SUBCONTRACTOR Frogco Amphibious Equipment LLC
ADDRESS PO Box 3681 Houma, La. 70361

OMB No.: 1215-0149
Expires: 12/31/2011

PAYROLL NO. 7# FOR WEEK ENDING 12/08/2012 PROJECT AND LOCATION Jug Lake PROJECT OR CONTRACT NO.

(1) NAME AND INDIVIDUAL IDENTIFYING NUMBER (e.g., LAST FOUR DIGITS OF SOCIAL SECURITY NUMBER) OF WORKER	(2) EMPLOYER'S CONTROL NUMBER	(3) WORK CLASSIFICATION	(4) DAY AND DATE							(5) TOTAL HOURS	(6) RATE OF PAY	(7) GROSS AMOUNT EARNED	(8) DEDUCTIONS				(9) NET WAGES PAID FOR WEEK		
			12/2	12/3	12/4	12/5	12/6	12/7	12/8				FICA	WITH- HOLDING TAX	Medicare	LA Withhold ^g		OTHER	TOTAL DEDUCTIONS
			HOURS	HOURS	HOURS	HOURS	HOURS	HOURS	HOURS										
Fred Rodriguez Jr -- 7392	0	Operator	8.00	8.00	8.00	8.00	8.00	6.00	38.00	\$34.50	\$2,231.00	\$114.18	\$603.50	\$39.41	\$118.64	\$30.80	\$906.53	\$1,324.47	
Fred Rodriguez Jr -- 7392 Per Diem	0	Operator	1.00	1.00	1.00	1.00	1.00	1.00	7.00	\$75.00	\$525.00							\$525.00	

While completion of Form WH-347 is optional, it is mandatory for covered contractors and subcontractors performing work on Federally financed or assisted construction contracts to respond to the information collection contained in 29 C.F.R. §§ 3.3, 5.5(a). The Copeland Act (40 U.S.C. § 3145) contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S. Department of Labor (DOL) regulations at 29 C.F.R. § 5.5(a)(3)(ii) require contractors to submit weekly a copy of all payrolls to the Federal agency contracting for or financing the construction project, accompanied by a signed "Statement of Compliance" indicating that the payrolls are correct and complete and that each laborer or mechanic has been paid not less than the proper Davis-Bacon prevailing wage rate for the work performed. DOL and federal contracting agencies receiving this information review the information to determine that employees have received legally required wages and fringe benefits.

Public Burden Statement
Checked by Maura B. Callard

We estimate that it will take an average of 55 minutes to complete this collection, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. If you have any comments regarding these estimates or any other aspect of this collection, including suggestions for reducing this burden, send them to the Administrator, Wage and Hour Division, ESA, U.S. Department of Labor, Room S3502, 200 Constitution Avenue, N.W., Washington, D.C. 20210

Date 02/06/2013

I, Chrissie Luke (Name of Signatory Party) Office Manager (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by Frogco Amphibious Equipment LLC (Contractor or Subcontractor) on the

Jug Lake Project; that during the payroll period commencing on the 11 day of 2012, and ending the 1 day of 12, 2012,

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment LLC (Contractor or Subcontractor) from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below.

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

NAME AND TITLE
Chrissie Luke - Office Manager

SIGNATURE

Chrissie B. Luke

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Date 02/06/2013

I, Chrissie Luke (Name of Signatory Party) Office Manager (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by Frogco Amphibious Equipment LLC (Contractor or Subcontractor) on the

Jug Lake Project (Building or Work); that during the payroll period commencing on the

18 day of 11, 2012, and ending the 24 day of 11, 2012,

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment LLC (Contractor or Subcontractor) from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)

EXPLANATION

REMARKS:

Autotex 2-8hr days were Holiday Pay.

NAME AND TITLE

Chrissie Luke - Office Manager

SIGNATURE

Chrissie Luke

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Date 02/06/2013

I, Chrissie Luke Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by Frogco Amphibious Equipment, LLC on the (Contractor or Subcontractor)

Jug Lake Project; that during the payroll period commencing on the (Building or Work)

11 day of 11, 2012, and ending the 17 day of 11, 2013, all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment, LLC from the full (Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357; 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:
(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

20 hours paid for vacation pay.

NAME AND TITLE
Chrissie Luke - Office Manager

SIGNATURE
Chrissie Luke

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Date 02/06/2013

I, Chrissie Luke Office Manager
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by
Frogco Amphibious Equipment LLC on the
(Contractor or Subcontractor)

Jug Lake Project; that during the payroll period commencing on the
(Building or Work)

28 day of 10, 2012, and ending the 3 day of 11, 2012,
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

Frogco Amphibious Equipment LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967, 76 Stat. 357; 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the
classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide
apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of
Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a
State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such
employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

NAME AND TITLE

Chrissie Luke - Office Manager

SIGNATURE

Chrissie B. Luke

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

Date 02/06/2013

I, Christie Luke (Name of Signatory Party) Office Manager (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by Frogco Amphibious Equipment LLC (Contractor or Subcontractor) on the Jug Lake Project (Building or Work); that during the payroll period commencing on the 10th day of 10, 2012, and ending the 27 day of 10, 2012,

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said Frogco Amphibious Equipment LLC (Contractor or Subcontractor) from the full

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That: (a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT) EXPLANATION

REMARKS:

NAME AND TITLE
Christie Luke - Office Manager

SIGNATURE

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources
Contractor or Sub Southern Delta Construction, LLC Frogco
Employee Fred Rodriguez Jr

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
 I authorize a one-time deduction(s), as described below.
 I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
<u>Life Insurance -</u>	<u>61.60</u>

Employee Signature Fred Rodriguez Jr
Date April 23, 13

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources
Contractor or Sub Southern Delta Construction, LLC
Employee Fred Rodriguez Jr

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
 I authorize a one-time deduction(s), as described below.
 I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
<u>Life/Disability Insurance</u>	<u>30.80</u>

Employee Signature *Fred C. Rodriguez Jr*
Date March 6, 2013

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.



AMPHIBIOUS EQUIPMENT, INC.

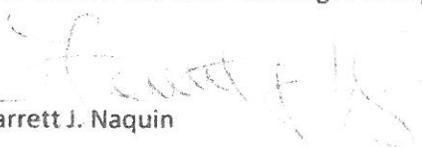
February 21, 2013

Re: Certified Payroll – Signature Authorization

I, Garrett J. Naquin, grant permission to Chrissie Luke, Frogco's Payroll Manager to sign off on the Certified Payroll documents.

Explanation for the additional straight time paid over 40 hours for Fred Rodriguez:

During the December 2012-January 2013 payrolls Fred was paid Holiday pay and vacation pay. This is the result of the over 40 straight time paid during said time frame.


Garrett J. Naquin

Owner / President





P.O. BOX 309 • BOURG, LOUISIANA 70343 • TELEPHONE & FAX 985/872-9405

February 19, 2013

Providence/GSE
991 Grand Caillou Road
Houma, LA 70363

Reference: Brady Canal Hydrologic Restoration Project (TE-28)
File No. T 28354 DL
Purchase Order Number 3854789

Attn: Mr Melanie B Caillouet, PE

Dear Madam,

We are in receipt of your letter of February 18, 2013 concerning pay roll requirements. We have enclosed all additional information requested.

Southern Delta had skipped payrolls 3 to 11. They are included along with voluntary deduction forms for two additional employees who did not show on the payrolls submitted.

Frisco Construction Co did have people on site for only the one payroll which was submitted.

Frogco Amphibious Equipment, LLC explained that the hours in excess of 40 were hours paid for vacation pay or holiday pay and they did combine the payrolls for two weeks into one submittal.

If you have any questions we can be reached at 985-209-9884.

Regards,
Southern Delta Construction, LLC

Michael Mayeux
Vice President

cc: Mr. Adam Ledet, LA DNR



SKILL • RESPONSIBILITY • INTEGRITY



U.S. Department of Labor
Wage and Hour Division

PAYROLL
(For Contractor's Optional Use; See instructions at www.dol.gov/whd/forms/wh347instr.htm)
Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number.

Rev. Dec. 2008

NAME OF CONTRACTOR OR SUBCONTRACTOR **FRISCO CONSTRUCTION CO., INC**
 ADDRESS **PMB 427 1237 GRAND CAILLOU RD. HOUMA, LA. 70363**
 OMB No.: 1215-0149
 Expires: 12/31/2011

PAYROLL NO. **1**
 PROJECT AND LOCATION **JUG LAKE**
 PROJECT OR CONTRACT NO.

(1) NAME AND INDIVIDUAL IDENTIFYING NUMBER (e.g., LAST FOUR DIGITS OF SOCIAL SECURITY NUMBER) OF WORKER	(2) EXEMPTIONS	(3) WORK CLASSIFICATION	(4) DAY AND DATE							(5) TOTAL HOURS	(6) RATE OF PAY	(7) GROSS AMOUNT EARNED	(8) DEDUCTIONS				(9) NET WAGES PAID FOR WEEK	
			HOURS WORKED EACH DAY										FICA	WITH- HOLDING TAX	FED WRI	OTHER		TOTAL DEDUCTIONS
			M	T	W	T	F	S	S									
RICHARD RONQUILLO - 0079		CAPTAIN							8.00	40.63	\$325.00	\$91.82	\$51.18	\$202.43	\$55.73	\$401.16	\$1,223.84	
EVERETT CHAUVIN - 0044		FOREMAN							30.00	26.50	\$1,625.00	\$71.12	\$46.04	\$137.09	\$275.41	\$529.66	\$729.09	
CHRIS ABSHIRE - 9878		LABORER							30.00	14.00	\$1,258.75	\$37.57	\$17.12	\$52.30	\$106.99	\$106.99	\$558.01	
LUIS GUZMAN - 3867		LABORER							30.00	15.00	\$665.00	\$40.25	\$9.70	\$19.13	\$69.08	\$69.08	\$643.42	
OSCAR GUZMAN - 7861		LABORER							30.00	12.00	\$360.00	\$32.20	\$1.88	\$9.02	\$43.10	\$43.10	\$526.90	
TYRONE VERDIN - 6521		LABORER							30.00	12.00	\$570.00	\$32.21	\$17.24	\$70.93	\$120.38	\$120.38	\$449.62	

While completion of Form WH-347 is optional, it is mandatory for covered contractors and subcontractors performing work on Federally financed or assisted construction contracts to submit weekly a statement with respect to the wages paid each employee during the preceding week. U.S. Department of Labor (DOL) regulations at 29 C.F.R. § 5.5(e)(3)(ii) require contractors to submit weekly a copy of all payrolls to the Federal agency contracting for or financing the construction project, accompanied by a signed "Statement of Compliance" indicating that the payrolls are correct and complete and that each laborer or mechanic has been paid not less than the proper Davis-Bacon prevailing wage rate for the work performed. DOL and federal contracting agencies receiving this information review the information to determine if employees have received legally required wages and fringe benefits.

Public Burden Statement
 We estimate that it will take an average of 55 minutes to complete this collection, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. If you have any comments regarding these estimates or any other aspect of this collection, including suggestions for reducing this burden, send them to the Administrator, Wage and Hour Division, U.S. Department of Labor, Room S3502, 200 Constitution Avenue, N.W., Washington, D.C. 20210

Checked by
 Melanie Blair

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources

Contractor or Sub ~~Southern Delta Construction, LLC~~ Frisco Construction

Employee EVERETT CHAUVIN

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
<i>Group Ins.</i>	<i>232.85</i>
<i>Long-Term Dis.</i>	<i>4.80</i>
<i>Ira</i>	<i>37.76</i>
	<i>275.41</i>

Employee Signature *x* *Everett Chauvin*

Date *3/4/13*

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

PAYROLL DEDUCTION AUTHORIZATION FORM

Owner LA Department of Natural Resources
Contractor or Sub ~~Southern Delta Construction, LLC~~ Frisco Construction
Employee Richard Ronquillo

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
 I authorize a one-time deduction(s), as described below.
 I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
<u>IRA</u>	<u>48.75</u>
<u>Long. Term Dis.</u>	<u>6.98</u>
	<u>55.73</u>

Employee Signature Richard Ronquillo

Date 3-4-13

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

ATTACHMENT “L”

Contractor Daily Progress Reports

Daily Progress Report

Report Number: 5
 Date: 10/23/2012
 Solicitation Number: 2246834

Project:
 Brady Canal Hydrological
 Restoration Project
Contractor:
 Southern Delta Construction

Weather:
 Temp. Max: 84
 Temp. Min: 65
 High Tide: 1.9
 Low Tide: 1.7
 Precipitation: 0 inches
 Wind Speed: 5 mph

Work Performed:	Dollar Amount:
Marsh buggy cleared from sta 263+00 to 244+00.	\$ 10,791.00
Bayou Country Surveying performed magnetometer surveys	\$ 19,000.00
Mobilize to site	\$ 37,000.00
Total:	\$ 66,791.00

Inspections:
 Took pre construction surveys from station 310+00 to 238+00.

Survey Notes:
 Physically located Aspect Engergy pipeline.

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	HOURS
Mike Mayeux	12.00	Marsh Buggy	8.00
Aaron Mayeux	10.00		
John Abt	12.00		
Tyran Holmes	12.00		
James Macdonald	12.00		
Noel Jackson	12.00		
Total:	70.00	Total:	8.00

Change Orders, Field Orders, Clarifications, ect.:
 none

Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No
Notes:

Submitted By:

Name: Aaron Mayeux

Title: Project Manager

Visitors to Project:
 none

Signature:



Daily Progress Report

Report Number: 8
 Date: 10/26/2012
 Solicitation Number: 2246834

Project:
 Brady Canal Hydrological
 Restoration Project
 Contractor:
 Southern Delta Construction

Weather:
 Temp. Max: 82
 Temp. Min: 60
 High Tide: 2.0
 Low Tide: 1.7
 Precipitation: 0 inches
 Wind Speed: 5 mph

Work Performed:	Dollar Amount:
Marsh buggy pushed vegetation further from CL where needed.	\$ 108.00
Dredge placed material from sta 291+75 to 287+00.	\$ 10,545.00
Total:	\$ 10,653.00

Inspections:
 Vegetation needed to be pushed further out from centerline in a few places.

Survey Notes:
 Staked out borrow area and centerline of embankment.

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	HOURS
Mike Mayeux	10.00	Marsh Buggy	6.00
Aaron Mayeux	10.00	Dragline	18.00
John Abt	12.00		
Tyran Holmes	12.00		
Noel Jackson	14.00		
James Macdonald	14.00		
Total:	72.00	Total:	24.00

Change Orders, Field Orders, Clarifications, ect.:
 none
 Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No
 Notes:
 Visitors to Project:
 none

Submitted By:
 Name: Aaron Mayeux
 Title: Project Manager

Signature: 

Daily Progress Report

Report Number: 9
 Date: 10/27/2012
 Solicitation Number: 2246834

Project:
 Brady Canal Hydrological
 Restoration Project
Contractor:
 Southern Delta Construction

Weather:
 Temp. Max: 66
 Temp. Min: 49
 High Tide: 1.9
 Low Tide: 1.7
 Precipitation: 0 inches
 Wind Speed: 4 mph

Work Performed:
 Dredge placed material from sta 287+00 to 283+50. **Dollar Amount:**
 \$ 7,770.00

Total: \$ 7,770.00

Inspections:
 none

Survey Notes:
 none

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	HOURS
Mike Mayeux	0.00	Marsh Buggy	0.00
Aaron Mayeux	0.00	Dragline	17.00
John Abt	12.00		
Tyran Holmes	12.00		
Noel Jackson	14.00		
James Macdonald	14.00		
Total:	52.00	Total:	17.00

Change Orders, Field Orders, Clarifications, ect.:
 none

Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No

Notes:

Submitted By:

Name: Aaron Mayeux

Title: Project Manager

Visitors to Project:

Signature:

none


Daily Progress Report

Report Number: 10
 Date: 10/28/2012
 Solicitation Number: 2246834

Project:
 Braly Canal Hydrological
 Restoration Project
Contractor:
 Southern Delta Construction

Weather:
 Temp. Max: 66
 Temp. Min: 49
 High Tide: 1.3
 Low Tide: 1.0
 Precipitation: 0 inches
 Wind Speed: 4 mph

Work Performed:
 Dredge placed material from sta 283+50 to 278+70. **Dollar Amount:**
\$ 10,656.00

Total: \$ 10,656.00

Inspections:
 Probed to ensure we are not exceeding borrow limits.

Survey Notes:
 More dirt in floatation than required for embankment.

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	HOURS
Mike Mayeux	0.00	Marsh Buggy	0.00
Aaron Mayeux	0.00	Dragline	18.00
John Abt	12.00		
Tyran Holmes	12.00		
Noel Jackson	14.00		
James Macdonald	14.00		
Total:	52.00	Total:	18.00

Change Orders, Field Orders, Clarifications, ect.:
 none
Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No

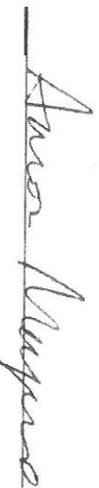
Submitted By:

Name: Aaron Mayeux

Title: Project Manager

Visitors to Project:
 none

Signature:



Daily Progress Report

Report Number: 11
 Date: 10/29/2012
 Solicitation Number: 2246834

Project:
 Brady Canal Hydrological
 Restoration Project
Contractor:
 Southern Delta Construction

Weather:
 Temp. Max: 66
 Temp. Min: 49
 High Tide: 1.0
 Low Tide: 0.7
 Precipitation: 0 inches
 Wind Speed: 15 mph

Work Performed:
 Dredge placed material from sta 278+70 to 271+25. **Dollar Amount:**
\$ 16,539.00

Inspections:
 Probed to ensure we are not exceeding borrow limits.
 Jimmy Theriot on site

Survey Notes:
 none

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	HOURS
Mike Mayeux	10.00	Marsh Buggy	0.00
Aaron Mayeux	10.00	Dragline	18.00
John Abt	6.00		
Tyran Holmes	6.00		
Noel Jackson	9.00		
James Macdonald	9.00		
Daryl Deviller Sr.	12.00		
Daryl Deviller Jr.	12.00		
Total:			18.00

Change Orders, Field Orders, Clarifications, ect.:
 none
Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No

Submitted By:

Name: Aaron Mayeux

Title: Project Manager

Visitors to Project:
 none

Signature:



Daily Progress Report

Report Number: 12
 Date: 10/30/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 76 Temp. Min: 54 High Tide: 1.1 Low Tide: 0.8 Precipitation: 0 Wind Speed: 9	Shift: Day Start: 6:30 am Stop: 6:30 pm
Contractor: Southern Delta Construction		Dollar Amount:

Work Performed: Dredge placed material from sta 271+25 to 268+50. Marsh buggy cleared from sta 203+00 to 186+00.	Dollar Amount: \$ 6,105.00 \$ 9,173.00
Total: \$ 15,278.00	

Inspections:
 Probed to ensure we are not exceeding borrow limits.
 Jimmy Theriot on site.

Survey Notes:
 Stake out borrow area.

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	HOURS
Mike Mayeux	10.00	Marsh Buggy	8.00
Aaron Mayeux	10.00	Dragline	7.00
John Abt	6.00		
Tyran Holmes	6.00		
Daryl Devillier Sr.	12.00		
Daryl Devillier Jr.	12.00		
Total: 56.00		Total: 15.00	

Change Orders, Field Orders, Clarifications, ect.:
 Digging put on standby.

Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No
Notes:
 Digging was put on stand by so the engineers could review the preconstruction surveys.

Submitted By:
 Name: Aaron Mayeux
 Title: Project Manager
 Signature: 

Daily Progress Report

Report Number: 13
 Date: 10/31/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 77 Temp. Min: 44 High Tide: 1.0 Low Tide: 0.7 Precipitation: 0 Wind Speed: 1	Shift: Day Start: 6:30 am Stop: 6:30 pm
Contractor: Southern Delta Construction	inches	mph

Work Performed: Marsh buggy cleared from sta 186+00 to 183+70 and from 173+35 to 153+00. **Dollar Amount:** \$ 12,221.00

Inspections: none **Total:** \$ 12,221.00

Survey Notes:
Stake out borrow area.

Safety Meetings:
none

LABOR	HOURS	EQUIPMENT	HOURS
Mike Mayeux	10.00	Marsh Buggy	8.00
Aaron Mayeux	10.00		
John Abt	0.00		
Tyran Holmes	8.00		
Daryl Devillier Sr.	12.00		
Daryl Devillier Jr.	12.00		
Noel Jackson	0.00		
James Macdonald	0.00		
Total:	52.00	Total:	8.00

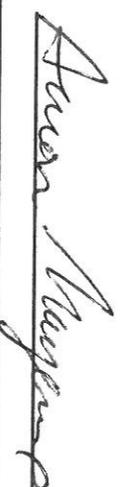
Change Orders, Field Orders, Clarifications, ect.:
Digging put on stand by due to review of submittals.

Condition of Navigation Aides and/or repairs on them:
good, no repairs needed

Currently on schedule? Yes No

Notes:
Digging was put on stand by so the engineers could review the preconstruction surveys.

Visitors to Project:
none

Submitted By: Name: Aaron Mayeux
 Title: Project Manager
 Signature: 

Daily Progress Report

Report Number: 14
 Date: 11/1/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 80 Temp. Min: 55 High Tide: 1.1 Low Tide: 0.8 Precipitation: 0 Wind Speed: 4	Shift: Day Start: 6:30 am Stop: 6:30 pm
Contractor: Southern Delta Construction	inches mph	

Work Performed:
Marsh buggy cleared from sta 153+00 to 142+00. **Dollar Amount:** \$ 2,480.00

Inspections:
none **Total: \$ 2,480.00**

Survey Notes:
Bayou Country Surveying came out to mark pipelines.

Safety Meetings:
none

LABOR	HOURS	EQUIPMENT	HOURS
Mike Mayeux	10.00	Marsh Buggy	8.00
Aaron Mayeux	5.00		
John Abt	0.00		
Tyran Holmes	0.00		
Daryl Devillier Sr.	12.00		
Daryl Devillier Jr.	12.00		
Noel Jackson	0.00		
James Macdonald	0.00		
Total:	39.00		8.00

Change Orders, Field Orders, Clarifications, ect.:
Digging put on stand by due to review of submittals.

Condition of Navigation Aides and/or repairs on them:
good, no repairs needed

Currently on schedule? Yes No

Notes:
Digging was put on stand by so the engineers could review the preconstruction surveys.

Visitors to Project:
none

Submitted By: Name: Aaron Mayeux
 Title: Project Manager
 Signature: 

Daily Progress Report

Report Number: 15
 Date: 11/2/2012
 Solicitation Number: 2246834

Project:
 Brady Canal Hydrological
 Restoration Project

Weather:

Temp. Max: 80
 Temp. Min: 59
 High Tide: 1.2
 Low Tide: 0.8
 Precipitation: 0 inches
 Wind Speed: 5 mph

Shift: Day
 Start: 6:30 am
 Stop: 6:30 pm

Contractor:
 Southern Delta Construction

Work Performed:

Marsh buggy cleared from sta 142+00 to 137+45 and from 112+75 to 105+60.

Dollar Amount:

\$ 3,202.00

Inspections:

none

Total: \$ 3,202.00

Survey Notes:

none

Safety Meetings:

none

LABOR	HOURS	EQUIPMENT	HOURS
Mike Mayeux	10.00	Marsh Buggy	8.00
Aaron Mayeux	0.00		
John Abt	0.00		
Tyran Holmes	0.00		
Daryl Devillier Sr.	12.00		
Daryl Devillier Jr.	12.00		
Noel Jackson	0.00		
James Macdonald	0.00		
Total:	34.00		8.00

Change Orders, Field Orders, Clarifications, ect.:

Digging put on stand by to review submittals.

Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule?

Yes No

Submitted By:

Digging was put on stand by so the engineers could review the preconstruction surveys.

Name:

Aaron Mayeux

Visitors to Project:

none

Title:

Project Manager

Signature:

Aaron Mayeux

Daily Progress Report

Report Number: 16
 Date: 11/3/2012
 Solicitation Number: 2246834

Project:

Brady Canal Hydrological
 Restoration Project

Weather:

Temp. Max: 82
 Temp. Min: 55
 High Tide: 1.2
 Low Tide: 0.9
 Precipitation: 0 inches
 Wind Speed: 5 mph

Shift:

Day
 Start: 6:30 am
 Stop: 6:30 pm

Contractor:

Southern Delta Construction

Work Performed:

no work
 performed maintenance on equipment

Dollar Amount:

\$ -
 \$ -

Total: \$ -

Inspections:

none

Survey Notes:

none

Safety Meetings:

none

LABOR	HOURS	EQUIPMENT	HOURS
Mike Mayeux	0.00	Marsh Buggy	0.00
Aaron Mayeux	0.00		
John Abt	0.00		
Tyran Holmes	0.00		
Daryl Deviller Sr.	12.00		
Daryl Deviller Jr.	12.00		
Noel Jackson	0.00		
James Macdonald	0.00		
Total:	24.00		0.00

Change Orders, Field Orders, Clarifications, ect.:

Digging put on stand by to review submittals.

Condition of Navigation Aides and/or repairs on them:

good, no repairs needed

Currently on schedule?

Yes No

Submitted By:

Name: Aaron Mayeux

Notes:
 Digging was put on stand by so the engineers
 could review the preconstruction surveys.

Visitors to Project:

none

Title:

Project Manager

Signature:

Aaron Mayeux

Daily Progress Report

Report Number: 17
 Date: 11/4/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 77 Temp. Min: 46 High Tide: 1.3 Low Tide: 0.9 Precipitation: 0 Wind Speed: 7	Shift: Day Start: 6:30 am Stop: 6:30 pm
Contractor: Southern Delta Construction		inches mph

Work Performed: no work performed maintenance on equipment	Dollar Amount: \$ - \$ -
Total: \$ -	

Inspections:
none

Survey Notes:
none

Safety Meetings:
none

LABOR	HOURS	EQUIPMENT	HOURS
Mike Mayeux	0.00	Marsh Buggy	0.00
Aaron Mayeux	0.00		
John Abt	0.00		
Tyran Holmes	0.00		
Daryl Devillier Sr.	12.00		
Daryl Devillier Jr.	12.00		
Noel Jackson	0.00		
James Macdonald	0.00		
Total: 24.00		Total: 0.00	

Change Orders, Field Orders, Clarifications, ect.:
Digging put on standby to review submittals.

Condition of Navigation Aides and/or repairs on them:
good, no repairs needed

Currently on schedule? Yes No

Notes:
Digging was put on stand by so the engineers could review the preconstruction surveys.

Submitted By:
Name: Aaron Mayeux
Title: Project Manager
Signature: 

Visitors to Project:
none

Daily Progress Report

Report Number: 19
 Date: 11/5/2012
 Solicitation Number: 2246834

Project:
 Brady Canal Hydrological
 Restoration Project

Contractor:
 Southern Delta Construction

Weather:
 Temp. Max: 73
 Temp. Min: 57
 High Tide: 1.3
 Low Tide: 1.0
 Precipitation: 0.5 inches
 Wind Speed: 5 mph

Shift: Night
 Start: 5:00 pm
 Stop: 7:00 am

Work Performed:
 Dragline placed material from sta 268+00 to 265+25.

Dollar Amount:
 \$ 6,105.00

Total: \$ 6,105.00

Inspections:
 Probed to ensure we are not exceeding the borrow limits.

Survey Notes:
 none

Safety Meetings:
 pinch point safety

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	0.00	Marsh Buggy	0.00
Aaron Mayeux	0.00	Dragline	8.00
John Abt	0.00		
Tyran Holmes	0.00		
Daryl Devillier Sr.	14.00		
Daryl Devillier Jr.	14.00		
Noel Jackson	0.00		
James Macdonald	0.00		
Total:	28.00		8.00

Change Orders, Field Orders, Clarifications, ect.:
 none

Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No

Notes:

Submitted By:
 Name: Daryl T. Devillier Sr.
 Title: Shift Superintendent

Visitors to Project:
 none

Signature: 

Daily Progress Report

Report Number: 21
 Date: 11/6/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 62 Temp. Min: 55 High Tide: 1.3 Low Tide: 1.0 Precipitation: 0 Wind Speed: 5	Shift: Night Start: 5:00 pm Stop: 7:00 am
Contractor: Southern Delta Construction	inches	
Work Performed: Dragline placed material from sta 264+15 to 263+00		Dollar Amount: \$ 2,553.00

Inspections:
 Probed to ensure we are not exceeding the borrow limits.
 Total: \$ 2,553.00

Survey Notes:
 none

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	0.00	Marsh Buggy	0.00
Aaron Mayeux	0.00	Dragline	9.50
John Abt	0.00		
Tyran Holmes	0.00		
Daryl Devillier Sr.	14.00		
Daryl Devillier Jr.	14.00		
Noel Jackson	0.00		
James Macdonald	0.00		
Total:	28.00	Total:	9.50

Change Orders, Field Orders, Clarifications, ect.:
 none

Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No

Notes:
 Changed out whip line

Submitted By: Name: Daryl S. Devillier Sr.

Visitors to Project: Title: _____ Shift Superintendent

none

Signature: 

Daily Progress Report

Report Number: 23
 Date: 11/7/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 69 Temp. Min: 44 High Tide: 1.1 Low Tide: 0.8 Precipitation: 0 Wind Speed: 4 mph	Shift: Night Start: 5:00 pm Stop: 7:00 am
Contractor: Southern Delta Construction		

Work Performed:
 Dragline placed material from sta 259+50 ~~to sta 259+80~~ to 256+44
 and from station 255+23 to 253+80.
 Dollar Amount: \$ ~~10,456.00~~ \$7726

Inspections:
 Probed to ensure we are not exceeding the borrow limits.
 Total: \$ ~~10,456.00~~ \$7726

Survey Notes:
 none

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	0.00	Marsh Buggy	0.00
Aaron Mayeux	0.00	Dragline	10.00
John Abt	0.00		
Tyran Holmes	0.00		
Daryl Devillier Sr.	14.00		
Daryl Devillier Jr.	14.00		
Noel Jackson	0.00		
James Macdonald	0.00		
Total:	28.00		10.00

Change Orders, Field Orders, Clarifications, ect.:
 none

Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No

Notes:

Submitted By: Name: Daryl Devillier Sr.
 Title: Shift Superintendent

Visitors to Project:
 none

Signature: 

Daily Progress Report

Report Number: 24
 Date: 11/8/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 66 Temp. Min: 43 High Tide: 1.0 Low Tide: 0.7	Shift: Start: 6:00 am Stop: 6:00 pm	Day
Contractor: Southern Delta Construction	Precipitation: 0 inches Wind Speed: 4 mph		

Work Performed: Dragline placed material from sta 253+80 to 251+50. Bayou Country finished magnetometer surveys.	Dollar Amount: \$ 5,106.00 \$ 1,000.00
Total:	\$ 6,106.00

Inspections:
 Probed to ensure we are not exceeding the borrow limits.

Survey Notes:
 Finished staking out borrow area out to sta 238+00.
 Bayou Country Surveying came out to mark pipelines.

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	10.00	Marsh Buggy	0.00
Aaron Mayeux	10.00	Dragline	9.00
John Abt	0.00		
Tyran Holmes	0.00		
Daryl Devillier Sr.	0.00		
Daryl Devillier Jr.	0.00		
Noel Jackson	12.00		
James Macdonald	12.00		
Total:	44.00		9.00

Change Orders, Field Orders, Clarifications, ect.:
 Had bi-weekly progress meeting with Phil Schexnayder and Adam Ledet.

Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No

Submitted By:
 Name: Aaron Mayeux

Visitors to Project:
 Title: Project Manager

Jimmy Theriot - Inspector
 Signature: 

Daily Progress Report

Report Number: 25
 Date: 11/8/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 66 Temp. Min: 43 High Tide: 1.0 Low Tide: 0.7	Shift: Night Start: 5:00 pm Stop: 7:00 am
Contractor: Southern Delta Construction	Precipitation: 0 inches	
	Wind Speed: 4 mph	

Work Performed: Dragline placed material from sta 251+50 to 247+00. **Dollar Amount:** \$ 9,990.00

Inspections: Probed to ensure we are not exceeding the borrow limits. **Total:** \$ 9,990.00

Survey Notes: none

Safety Meetings: none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	0.00	Marsh Buggy	0.00
Aaron Mayeux	0.00	Dragline	10.00
John Abt	0.00		
Tyran Holmes	0.00		
Daryl Devillier Sr.	14.00		
Daryl Devillier Jr.	14.00		
Noel Jackson	0.00		
James Macdonald	0.00		
Total:	28.00		10.00

Change Orders, Field Orders, Clarifications, ect.: none

Condition of Navigation Aides and/or repairs on them: good, no repairs needed

Currently on schedule? Yes No

Submitted By: Name: Daryl Devillier Sr.

Visitors to Project: none

Title: Shift Superintendent

Signature: 

Daily Progress Report

Report Number: 28
 Date: 11/10/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project
Weather: Temp. Max: 75, Temp. Min: 54, High Tide: 1.0, Low Tide: 0.7, Precipitation: 0, Wind Speed: 2 mph
Contractor: Southern Delta Construction
Shift: Day, Start: 5:30 am, Stop: 5:30 pm

Work Performed: Dragline placed material from sta 241+80 to 238+80. **Dollar Amount:** \$ 6,660.00

Inspections: Probed to ensure we are not exceeding the borrow limits. **Total:** \$ 6,660.00

Survey Notes: Staked out CL and borrow area from sta 183+00 to 194+92.

Safety Meetings: none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	0.00	Marsh Buggy	0.00
Aaron Mayeux	10.00	Dragline	8.00
John Abt	0.00		
Tyran Holmes	0.00		
Daryl Devillier Sr.	0.00		
Daryl Devillier Jr.	0.00		
Noel Jackson	12.00		
James Macdonald	12.00		
Total:	34.00		8.00

Change Orders, Field Orders, Clarifications, ect.: none
Condition of Navigation Aides and/or repairs on them: good, no repairs needed

Currently on schedule? Yes No

Submitted By: Name: Aaron Mayeux

Visitors to Project: Title: Project Manager

Signature: 

Daily Progress Report

Report Number: 29
 Date: 11/10/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 75 Temp. Min: 54 High Tide: 1.0 Low Tide: 0.7 Precipitation: 0 Wind Speed: 4 mph	Shift: Night Start: 4:30 pm Stop: 6:30 am
Contractor: Southern Delta Construction		Dollar Amount:

Work Performed: Dragline placed material from sta 238+80 to 238+00. Tag back to sta 303+00 to wait for tug.	Dollar Amount: \$ 1,776.00 \$ -
Total: \$ 1,776.00	

Inspections:
 Probed to ensure we are not exceeding the borrow limits.

Survey Notes:
 none

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	0.00	Marsh Buggy	0.00
Aaron Mayeux	0.00	Dragline	10.00
John Abt	0.00		
Tyran Holmes	0.00		
Daryl Devillier Sr.	14.00		
Daryl Devillier Jr.	14.00		
Noel Jackson	0.00		
James Macdonald	0.00		
Total:			10.00

Change Orders, Field Orders, Clarifications, ect.:
 none

Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No

Notes:

Submitted By: Name: Daryl Devillier Sr.
 Title: Shift Superintendent

Visitors to Project: none

Signature: 

Daily Progress Report

Report Number: 30
 Date: 11/11/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project
Weather: Temp. Max: 78, Temp. Min: 60, High Tide: 1.0, Low Tide: 0.7, Precipitation: 0, Wind Speed: 5 mph
Contractor: Southern Delta Construction
Shift: Day, Start: 5:30 am, Stop: 5:30 pm

Work Performed:
 Dragline placed material from sta 184+00 to 185+50. \$ 3,330.00
 Tug moved the dredge across the lake from sta 303+00 to 184+00. \$ -
 Total: \$ 3,330.00

Inspections:
 Probed to ensure we are not exceeding the borrow limits.

Survey Notes:
 none

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	10.00	Marsh Buggy	0.00
Aaron Mayeux	0.00	Dragline	6.00
John Abt	0.00	Annette Cenac (tug)	3.00
Tyran Holmes	0.00		
Daryl Devillier Sr.	0.00		
Daryl Devillier Jr.	0.00		
Noel Jackson	12.00		
James Macdonald	12.00		
Total:	34.00	Total:	9.00

Change Orders, Field Orders, Clarifications, ect.:
 none
Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No
Submitted By: Name: Mike Mayeux
 Title: Vice President

Visitors to Project: none
 Signature: 

Daily Progress Report

Report Number: 32
 Date: 11/12/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather:	Temp. Max: 72	Shift: Day
	Temp. Min: 57	Start: 5:30 am	Stop: 5:30 pm
Contractor: Southern Delta Construction	High Tide: 2.2	Low Tide: 1.4	Precipitation: 0.3 inches
	Precipitation: 0.3 inches	Wind Speed: 11 mph	

Work Performed:
 Dragline placed material from sta 187+00 to 190+60. **Dollar Amount:** \$ 7,992.00

Inspections:
 Probed to ensure we are not exceeding the borrow limits.

Survey Notes:
 Staked out CL and borrow for 1000' in front of the dredge.

Safety Meetings:
 Refueling equipment.

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	10.00	Marsh Buggy	0.00
Aaron Mayeux	10.00	Dragline	9.00
John Abt	12.00		
Tyran Holmes	12.00		
Daryl Devillier Sr.	0.00		
Daryl Devillier Jr.	0.00		
Noel Jackson	0.00		
James Macdonald	0.00		
Total:	44.00		Total: 9.00

Change Orders, Field Orders, Clarifications, ect.:
 none

Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No

Notes:

Submitted By: Name: Aaron Mayeux
 Title: Project Manager

Visitors to Project: Jimmy Theriot - Inspector
 Signature: 

Daily Progress Report

Report Number: 33
 Date: 11/12/2012
 Solicitation Number: 2246834

Project:
 Brady Canal Hydrological
 Restoration Project

Contractor:
 Southern Delta Construction

Weather:
 Temp. Max: 72
 Temp. Min: 57
 High Tide: 2.2
 Low Tide: 1.4
 Precipitation: 0.3 inches
 Wind Speed: 11 mph

Shift: Night
 Start: 4:30 pm
 Stop: 6:30 am

Work Performed:

Dragline placed material from sta 190+60 to 193+00.

Dollar Amount:

\$ 5,328.00

Total: \$ 5,328.00

Inspections:
 Probed to ensure we are not exceeding the borrow limits.

Survey Notes:
 none

Safety Meetings:
 Refueling equipment.

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	0.00	Marsh Buggy	0.00
Aaron Mayeux	0.00	Dragline	6.00
John Abt	0.00		
Tyran Holmes	0.00		
Daryl Devillier Sr.	0.00		
Daryl Devillier Jr.	0.00		
Noel Jackson	14.00		
James Macdonald	14.00		
Total:	28.00		6.00

Change Orders, Field Orders, Clarifications, ect.:
 none

Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No

Notes:
 Down 4 hours fixing broke crow foot on tagline.

Submitted By:

Name:

Noel Jackson

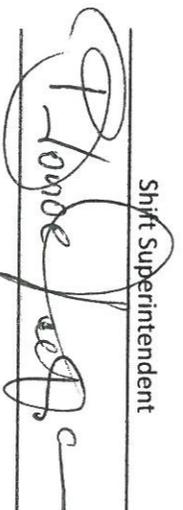
Visitors to Project:

none

Title:

Shift Superintendent

Signature:



Daily Progress Report

Report Number: 35
 Date: 11/13/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather:	Temp. Max: 57	Shift: Night
	Temp. Min: 39	Start: 4:30 pm	Stop: 6:30 am
Contractor: Southern Delta Construction	High Tide: 1.0	Low Tide: 0.3	Precipitation: 0.0 inches
	Wind Speed: 11 mph		

Work Performed: Dragline placed material from sta 195+00 to 196+28 and 197+35 to 199+00. **Dollar Amount:** \$ 6,505.00

Total:	\$ 6,505.00
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Inspections: Probed to ensure we are not exceeding the borrow limits.

Survey Notes:
 none

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	0.00	Marsh Buggy	0.00
Aaron Mayeux	0.00	Dragline	10.00
John Abt	0.00		
Tyran Holmes	0.00		
Daryl Devillier Sr.	0.00		
Daryl Devillier Jr.	0.00		
Noel Jackson	14.00		
James Macdonald	14.00		
Total:	28.00		10.00

Change Orders, Field Orders, Clarifications, ect.:
 none

Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

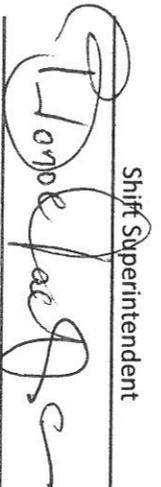
Currently on schedule? Yes No

Notes:

Submitted By: Name: Noel Jackson

Title: Shift Superintendent

Visitors to Project: none

Signature: 

Daily Progress Report

Report Number: 38
 Date: 11/15/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 64 Temp. Min: 37 High Tide: 1.2 Low Tide: 0.7 Precipitation: 0.0 inches Wind Speed: 4 mph	Shift: Day Start: 5:30 am Stop: 5:30 pm
Contractor: Southern Delta Construction		

Work Performed:
 Dragline placed material from sta 204+80 to 209+00. **Dollar Amount:** \$ 9,324.00

Inspections:
 Probed to ensure we are not exceeding the borrow limits. **Total:** \$ 9,324.00

Survey Notes:
 Staked out borrow area from sta 173+00 to 165+50.

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	10.00	Marsh Buggy	0.00
Aaron Mayeux	10.00	Dragline	9.00
John Abt	12.00		
Tyran Holmes	12.00		
Daryl Devillier Sr.	0.00		
Daryl Devillier Jr.	0.00		
Noel Jackson	0.00		
James Macdonald	0.00		
Total:	44.00		9.00

Change Orders, Field Orders, Clarifications, ect.:
 none
Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No **Submitted By:** Name: Aaron Mayeux

Notes:
Visitors to Project: Title: Project Manager
 Jimmy Theriot - Inspector
 Signature: 

Daily Progress Report

Report Number: 39
 Date: 11/15/2012
 Solicitation Number: 2246834

Project:
 Brady Canal Hydrological
 Restoration Project
Contractor:
 Southern Delta Construction

Weather:
 Temp. Max: 64
 Temp. Min: 37
 High Tide: 1.2
 Low Tide: 0.7
 Precipitation: 0.0 inches
 Wind Speed: 4 mph

Shift: Night
 Start: 4:30 pm
 Stop: 6:30 am

Work Performed:
 Dragline placed material from sta 209+00 to 213+00. **Dollar Amount:** \$ 8,880.00

Total: \$ 8,880.00

Inspections:
 Probed to ensure we are not exceeding the borrow limits.

Survey Notes:
 none

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	0.00	Marsh Buggy	0.00
Aaron Mayeux	0.00	Dragline	10.00
John Abt	0.00		
Tyran Holmes	0.00		
Daryl Devillier Sr.	0.00		
Daryl Devillier Jr.	0.00		
Noel Jackson	14.00		
James Macdonald	14.00		
Total:	28.00		10.00

Change Orders, Field Orders, Clarifications, ect.:
 none

Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No

Notes:

Submitted By:

Noel Jackson

Visitors to Project:

none

Title:

Shift Superintendent

Signature:



Daily Progress Report

Report Number: 40
 Date: 11/16/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 64 Temp. Min: 43 High Tide: 1.3 Low Tide: 1.0	Shift: Day Start: 5:30 am Stop: 5:30 pm
Contractor: Southern Delta Construction	Precipitation: 0.0 inches Wind Speed: 3 mph	

Work Performed: Dragline placed material from sta 213+00 to 216+70. **Dollar Amount:** \$ 8,214.00

Inspections: Probed to ensure we are not exceeding the borrow limits. **Total:** \$ 8,214.00

Survey Notes: Staked out borrow area from sta 165+50 to 150+00 and completed CL for the entire job.

Safety Meetings: none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	10.00	Marsh Buggy	0.00
Aaron Mayeux	10.00	Dragline	9.00
John Abt	12.00		
Tyran Holmes	12.00		
Daryl Devillier Sr.	0.00		
Daryl Devillier Jr.	0.00		
Noel Jackson	0.00		
James Macdonald	0.00		
Total:	44.00		9.00

Change Orders, Field Orders, Clarifications, ect.: none

Condition of Navigation Aides and/or repairs on them: good, no repairs needed

Currently on schedule? Yes No **Submitted By:** Name: Aaron Mayeux

Notes: **Visitors to Project:** Title: Project Manager
 Jimmy Theriot - Inspector

Signature: 

Daily Progress Report

Report Number: 41
 Date: 11/16/2012
 Solicitation Number: 2246834

Project:
 Brady Canal Hydrological
 Restoration Project

Contractor:
 Southern Delta Construction

Weather:
 Temp. Max: 64
 Temp. Min: 43
 High Tide: 1.3
 Low Tide: 1.0
 Precipitation: 0.0 inches
 Wind Speed: 3 mph

Shift: Night
 Start: 4:30 pm
 Stop: 6:30 am

Work Performed:

Dragline placed material from sta 216+70 to 218+40.
 tag back to sta. 173+00.

Dollar Amount:

\$ 3,774.00
 \$ -
 Total: \$ 3,774.00

Inspections:
 Probed to ensure we are not exceeding the borrow limits.

Survey Notes:
 none

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	0.00	Marsh Buggy	0.00
Aaron Mayeux	0.00	Dragline	10.00
John Abt	0.00		
Tyran Holmes	0.00		
Daryl Devillier Sr.	0.00		
Daryl Devillier Jr.	0.00		
Noel Jackson	14.00		
James Macdonald	14.00		
Total:	28.00		10.00

Change Orders, Field Orders, Clarifications, ect.:
 none

Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No

Notes:

Submitted By:

Noel Jackson

Visitors to Project:

none

Title:

Shift Superintendent

Signature:



Daily Progress Report

Report Number: 44
 Date: 11/18/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 66 Temp. Min: 41 High Tide: 1.4 Low Tide: 1.0 Precipitation: 0.0 inches Wind Speed: 4 mph	Shift: Start: 5:30 am Stop: 5:30 pm	Day
Contractor: Southern Delta Construction			

Work Performed: Dragline placed material from sta 171+50 to 172+10 and from sta 167+60 to 164+40.	Dollar Amount: \$ 8,436.00
	Total: \$ 8,436.00

Inspections:
 Probed to ensure we are not exceeding the borrow limits.

Survey Notes:
 none

Safety Meetings:
 none

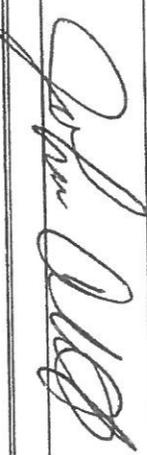
LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	0.00	Marsh Buggy	0.00
Aaron Mayeux	0.00	Dragline	9.00
John Abt	12.00		
Tyran Holmes	12.00		
Daryl Devillier Sr.	0.00		
Daryl Devillier Jr.	0.00		
Noel Jackson	0.00		
James Macdonald	0.00		
Total:	24.00		9.00

Change Orders, Field Orders, Clarifications, ect.:
 none

Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No

Notes:

Submitted By: Name: John Abt
 Title: Shift Superintendent
 Signature: 

Visitors to Project:

Daily Progress Report

Report Number: 45
 Date: 11/18/2012
 Solicitation Number: 2246834

Project:
 Brady Canal Hydrological
 Restoration Project
Contractor:
 Southern Delta Construction

Weather:
 Temp. Max: 66
 Temp. Min: 41
 High Tide: 1.4
 Low Tide: 1.0
 Precipitation: 0.0 inches
 Wind Speed: 4 mph

Work Performed:
 Dragline placed material from sta 164+40 to 161+40
 Dollar Amount: \$6,600

Total: \$6,600

Inspections:
 Probed to ensure we are not exceeding the borrow limits.

Survey Notes:
 none

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	0.00	Marsh Buggy	0.00
Aaron Mayeux	0.00	Dragline	10.00
John Abt	0.00		
Tyran Holmes	0.00		
Daryl Devillier Sr.	0.00		
Daryl Devillier Jr.	0.00		
Noel Jackson	14.00		
James Macdonald	14.00		
Total:	28.00		10.00

Change Orders, Field Orders, Clarifications, ect.:
 none

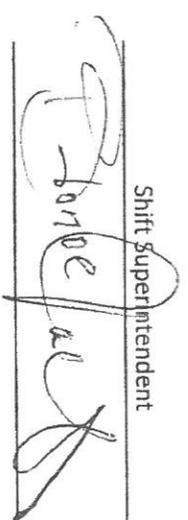
Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No

Notes:

Submitted By: Noel Jackson
 Name:

Visitors to Project:
 none

Title: Shift Superintendent
 Signature: 

Daily Progress Report

Report Number: 47
 Date: 11/19/2012
 Solicitation Number: 2246834

Project:
 Brady Canal Hydrological
 Restoration Project

Weather:
 Temp. Max: 71
 Temp. Min: 43
 High Tide: 1.2
 Low Tide: 0.8
 Precipitation: 0.0 inches
 Wind Speed: 3 mph

Shift: Night
 Start: 4:30 pm
 Stop: 6:30 am

Contractor:
 Southern Delta Construction

Work Performed:

Dragline placed material from sta 157+90 to 150+20.

Dollar Amount:

\$ 17,094.00

Total: \$ 17,094.00

Inspections:

Probed to ensure we are not exceeding the borrow limits.

Survey Notes:

none

Safety Meetings:

none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	0.00	Marsh Buggy	0.00
Aaron Mayeux	0.00	Dragline	10.00
John Abt	14.00		
Tyran Holmes	14.00		
Daryl Deviller Sr.	0.00		
Daryl Deviller Jr.	0.00		
Noel Jackson	0.00		
James Macdonald	0.00		
Total:	28.00		10.00

Change Orders, Field Orders, Clarifications, ect.:

none

Condition of Navigation Aides and/or repairs on them:

good, no repairs needed

Currently on schedule?

Yes No

Submitted By:

Name:

John Abt

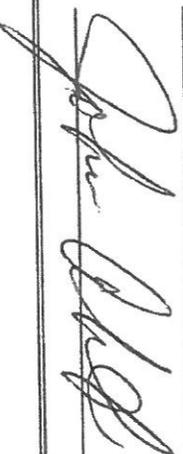
Visitors to Project:

none

Title:

Shift Superintendent

Signature:



Daily Progress Report

Report Number: 48
 Date: 11/20/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 73 Temp. Min: 44 High Tide: 1.2 Low Tide: 0.8 Precipitation: 0.0 Wind Speed: 4	Shift: Day Start: 5:30 am Stop: 5:30 pm	Dollar Amount: \$ 6,438.00
Contractor: Southern Delta Construction			

Work Performed:
 Dragline placed material from sta 150+20 to 147+30.
 Total: \$ 6,438.00

Inspections:
 Probed to ensure we are not exceeding the borrow limits.

Survey Notes:
 none

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	10.00	Marsh Buggy	0.00
Aaron Mayeux	10.00	Dragline	8.00
John Abt	0.00		
Tyran Holmes	0.00		
Daryl Devillier Sr.	12.00		
Daryl Devillier Jr.	12.00		
Noel Jackson	0.00		
James Macdonald	0.00		
Total:	44.00		8.00

Change Orders, Field Orders, Clarifications, ect.:
 none

Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No

Notes:
 1 hour down changing tag line.

Submitted By:
 Name: Aaron Mayeux
 Title: Project Manager

Visitors to Project:
 Jimmy Theriot - Inspector
 Signature: 

Daily Progress Report

Report Number: 50
 Date: 11/21/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 75 Temp. Min: 58 High Tide: 1.0 Low Tide: 0.7 Precipitation: 0.0 Wind Speed: 4
Contractor: Southern Delta Construction	Shift: Day Start: 5:30 am Stop: 5:30 pm
Work Performed: Dragline placed material from sta 143+30 to 140+00.	
Dollar Amount:	
Total: \$ 7,326.00	

Inspections:
 Probed to ensure we are not exceeding the borrow limits.

Survey Notes:
 Put out grade stakes from sta 303+62 to 292+00.

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	10.00	Marsh Buggy	0.00
Aaron Mayeux	10.00	Dragline	9.00
John Abt	0.00		
Tyran Holmes	0.00		
Daryl Devillier Sr.	12.00		
Daryl Devillier Jr.	12.00		
Noel Jackson	0.00		
James Macdonald	0.00		
Total:			9.00

Change Orders, Field Orders, Clarifications, ect.:
 none

Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No

Notes:

Submitted By: Name: Aaron Mayeux

Title: Project Manager

Visitors to Project:
 Jimmy Theriot - Inspector

Signature:

Daily Progress Report

Report Number: 51
 Date: 11/21/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 75 Temp. Min: 58 High Tide: 1.0 Low Tide: 0.7 Precipitation: 0.0 inches Wind Speed: 4 mph	Shift: Night Start: 4:30 pm Stop: 6:30 am
Contractor: Southern Delta Construction		

Work Performed: Dragline placed material from sta 140+00 to 138+00. Filled in low spot from sta 171+50 to 172+10.	Dollar Amount: \$ 4,440.00 \$ - Total: \$ 4,440.00
--	--

Inspections:
Probed to ensure we are not exceeding the borrow limits.

Survey Notes:
none

Safety Meetings:
none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	0.00	Marsh Buggy	0.00
Aaron Mayeux	0.00	Dragline	10.00
John Abt	14.00		
Tyran Holmes	14.00		
Daryl Deviller Sr.	0.00		
Daryl Deviller Jr.	0.00		
Noel Jackson	0.00		
James Macdonald	0.00		
Total:	28.00		10.00

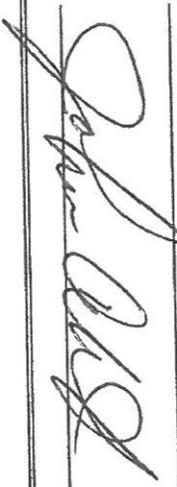
Change Orders, Field Orders, Clarifications, ect.:
 Stopped 20' short of proposed toe at sta 138+00 because of existing rip rap on the bank.

Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No

Notes:

Submitted By: Name: John Abt
 Title: Shift Superintendent

Visitors to Project: none
 Signature: 

Daily Progress Report

Report Number: 52
 Date: 11/22/2012
 Solicitation Number: 2246834

Project:
 Brady Canal Hydrological Restoration Project
Contractor:
 Southern Delta Construction

Weather:
 Temp. Max: 73
 Temp. Min: 42
 High Tide: 0.9
 Low Tide: 0.6
 Precipitation: 0.0 inches
 Wind Speed: 2 mph

Shift:
 Day
 Start: 5:30 am
 Stop: 5:30 pm

Work Performed:
 Dragline placed material from sta 107+00 to 108+30. **Dollar Amount:** \$ 2,886.00

Inspections:
 Probed to ensure we are not exceeding the borrow limits. **Total: \$ 2,886.00**

Survey Notes:
 none

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	10.00	Marsh Buggy	0.00
Aaron Mayeux	10.00	Dragline	5.00
John Abt	0.00	La Belle (Tug)	1 day
Tyran Holmes	0.00		
Daryl Devillier Sr.	12.00		
Daryl Devillier Jr.	12.00		
Noel Jackson	0.00		
James Macdonald	0.00		
Total:	44.00		5.00

Change Orders, Field Orders, Clarifications, ect.:
 none

Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No

Notes:
 4 hours down working on equipment and being towed across the lake.

Submitted By: Name: Aaron Mayeux

Visitors to Project:
 Jimmy Theriot - Inspector

Title: Project Manager

Signature: 

Daily Progress Report

Report Number: 59
 Date: 11/30/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project
Weather: Temp. Max: 71, Temp. Min: 48, High Tide: 1.4, Low Tide: 1.0, Precipitation: 0.0 inches, Wind Speed: 4 mph
Shift: Start: 6:30 am, Stop: 4:30 pm
Contractor: Southern Delta Construction

Work Performed: Marsh buggy dressed back slope from 292+69 to 290+39, front from 295+00 to 292+00.
Dollar Amount: \$ 3,922.00
Total: \$ 3,922.00

Inspections: none

Survey Notes: Took cross sections to ensure we are reaching grade.

Safety Meetings: none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	0.00	Marsh Buggy	8.00
Aaron Mayeux	10.00		
Total: 10.00		Total: 8.00	

Change Orders, Field Orders, Clarifications, ect.: none

Condition of Navigation Aides and/or repairs on them: good, no repairs needed

Currently on schedule? Yes No

Notes:

Submitted By: Name: Aaron Mayeux
 Title: Project Manager
 Signature: 

Visitors to Project: Jimmy Theriot - Inspector

Daily Progress Report

Report Number: 62
 Date: 12/3/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological
 Restoration Project

Weather: Temp: Max: 75
 Temp. Min: 54
 High Tide: 1.3
 Low Tide: 0.9
 Precipitation: 0.0 inches
 Wind Speed: 2 mph

Contractor: Southern Delta Construction

Shift: Day
 Start: 6:00 am
 Stop: 4:00 pm

Work Performed: Marsh buggy dressed back slope from 284+00 to 280+80, front from 284+00 to 279+30. **Dollar Amount:** \$ 5,846.00

Total: \$ 5,846.00

Inspections: Checked to ensure proper grade is being reached.

Survey Notes: Put out grade stakes to sta 265+00. Took process surveys.

Safety Meetings: none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	0.00	Marsh Buggy	8.00
Aaron Mayeux	10.00		
Total: 10.00			Total: 8.00

Change Orders, Field Orders, Clarifications, ect.: none

Condition of Navigation Aides and/or repairs on them: good, no repairs needed

Currently on schedule? Yes No

Notes:

Submitted By:

Name: Aaron Mayeux

Title: Project Manager

Visitors to Project: Jimmy Theriot

Signature:

Aaron Mayeux

Daily Progress Report

Report Number: 64
 Date: 12/5/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 66 Temp. Min: 60 High Tide: 1.4 Low Tide: 1.0	Shift: Start: 6:00 am Stop: 4:00 pm
Contractor: Southern Delta Construction	Precipitation: 0.0 inches	Wind Speed: 6 mph

Work Performed:
 Marsh buggy dressed back from sta 278+00 to 276+00, front from 277+00 to 276+00.
 Frisco Construction started second of two dolphin repairs.

Total: \$ 12,220.00

Inspections:
 Watched Frisco during dolphin repair work.

Survey Notes:
 Checked to ensure proper grade is being reached.

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	0.00	Marsh Buggy	8.50
Aaron Mayeux	10.00	Frisco barge and crane	10.00
Total: 10.00		Total: 18.50	

Change Orders, Field Orders, Clarifications, ect.:
 none

Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No

Notes:

Submitted By: Name: Aaron Mayeux
 Title: Project Manager

Visitors to Project: Jimmy Theriot
 Signature: *Aaron Mayeux*

Daily Progress Report

Report Number: 72
 Date: 12/14/2012
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 66 Temp. Min: 36 High Tide: 1.0 Low Tide: 0.6 Precipitation: 0.0 inches Wind Speed: 2 mph	Shift: Start: 6:00 am Stop: 4:00 pm	Day
Contractor: Southern Delta Construction			

Work Performed: Marsh buggy dressed back from 262+00 to 256+44, front from sta 259+00 to 257+64. Marsh buggy dressed front slope from 198+00 to 199+00.	Dollar Amount: \$ 5,121.00 \$ 740.00
Total:	\$ 5,861.00

Inspections:
checked to ensure proper grade is being reached.

Survey Notes:
put out grade stakes

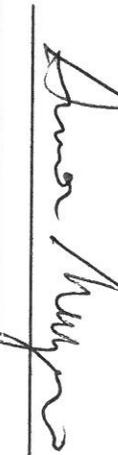
Safety Meetings:
none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	0.00	Marsh Buggy	8.50
Aaron Mayeux	5.00		
Total:	5.00		8.50

Change Orders, Field Orders, Clarifications, ect.:
 Moved crown to center up on the edge of existing sheet piles as per GSE field order:
 Structure No. 24 - station 256+41 o/s L9.5(right side) station 255+09 o/s L11.0(left side)
 Structure No. 23 - station 241+73 o/s L6.0(right side) station 240+78 o/s R3.0(left side)
 Structure No. 21 - station 197+45 o/s R1.5(right side) station 196+38 o/s R2.0(left side)
Condition of Navigation Aides and/or repairs on them:
 good, no repairs needed

Currently on schedule? Yes No **Submitted By:** Aaron Mayeux

Notes:
Visitors to Project: Jimmy Theriot Title: Project Manager

Signature: 

Daily Progress Report

Report Number: 94
 Date: 1/13/2013
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 73 Temp. Min: 68 High Tide: 1.4 Low Tide: 1.1 Precipitation: 0.0 inches Wind Speed: 9 mph	Shift: Day Start: 7:00 am Stop: 11:30 am
Contractor: Southern Delta Construction		

Work Performed: CAT 336 excavator light loaded rock barge(HD 143) at staging area. Mrs. Tammy moved rock barge and spud barge to mouth of Jug Lake	Dollar Amount: \$ - \$ -
Total:	\$ -

Inspections:
 ensured proper grade was being reached

Survey Notes:
 Structure No. 23 continues to settle below grade.

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	4.50	Marsh Buggy	5.50
Aaron Mayeux	4.50	Cat 336 Excavator	5.00
Greg Riley	4.50	Cat 329 Excavator	1.00
		Mrs. Tammy (tug)	
		Rock barge (HD 143)	
		Spud barge (CIT 109)	
	Total: 13.50		Total: 11.50

Change Orders, Field Orders, Clarifications, ect.:
 none

Condition of Navigation Aides and/or repairs on them:
 none

Currently on schedule? Yes No

Notes:

Submitted By: Name: Aaron Mayeux
 Title: Project Manager

Visitors to Project: Signature: *Aaron Mayeux*

Daily Progress Report

Report Number: 97
 Date: 1/16/2013
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather:		Shift:	Day
	Temp. Max:	47	Start:	6:30 am
	Temp. Min:	37	Stop:	5:00 pm
	High Tide:	0.7		
	Low Tide:	0.4		
Contractor: Southern Delta Construction	Precipitation:	0.1 inches		
	Wind Speed:	10 mph		

Work Performed:	Dollar Amount:
Layed out 1/3 of geotextile fabric on the left side of struc. 21.	\$ 3,375.00
CAI 336 and marsh buggy placed 349 tons of rip rap at struc. 21.	\$ 29,665.00
Mrs. Tammy pushed HD143 back to Hope Services for another load of rock.	\$ -
Total:	\$ 33,040.00

Rock:
 Finished unloading barge HD143. Average freeboard loaded = 4.23, unloaded = 8.03
 776 tons of rock have been placed at structure 21.

Inspections:
 Ensured proper rock elevation was being reached.

Survey Notes:
 none

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	10.50	Marsh Buggy	8.00
Aaron Mayeux	10.50	Cat 336 Excavator	8.00
Greg Riley	10.50	Cat 329 Excavator	0.00
Tyran Holmes	10.50	Mrs. Tammy (tug)	13.0
		Rock barge (HD 143)	1 day
		Spud barge (CIT 109)	1 day
	Total:		
	42.00		

Change Orders, Field Orders, Clarifications, ect.:
 None

Condition of Navigation Aides and/or repairs on them:
 none

Currently on schedule? Yes No

Notes:

Submitted By: Name: Aaron Mayeux

Visitors to Project: Title: Project Manager

Jimmy Theriot

Signature: 

Daily Progress Report

Report Number: 98
 Date: 1/17/2013
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 53 Temp. Min: 37 High Tide: 0.3 Low Tide: 0.0	Shift: Day Start: 6:30 am Stop: 6:00 pm	Dollar Amount: -
Contractor: Southern Delta Construction	Precipitation: 0.0 inches Wind Speed: 8 mph		

Work Performed:

CAT 336 excavator light loaded approx. 680 tons onto HD143 at Hope Services. \$ -

Mrs. Tammy pushed HD143 back to structure No. 21 in Jug Lake. \$ -

Marsh buggy reworked structures 23 and 24. \$ -

Total: \$ -

Rock:

2nd barge load of rock delivered to site.

Inspections:

Measured rock barge (HD143) avg. freeboard of 4.79'

Survey Notes:

Bayou Country Surveying took cross sections of structure 24 and the left side of 21.

Safety Meetings:

none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	5.00	Marsh Buggy	8.50
Aaron Mayeux	11.50	Cat 336 Excavator	5.00
Greg Riley	7.00	Cat 329 Excavator	1.00
Tyran Holmes	0.00	Mrs. Tammy (tug)	1 day
		Rock barge (HD 143)	1 day
		Spud barge (CIT 109)	1 day
		Rock Barge (FMTA0902)	1 day
		Rock Barge (HD134)	1 day
		Rock Barge (HD142)	1 day
		Rock Barge (BV102)	1 day
		Crew Boat (Tadpole)	1 day
Total:			23.50

Change Orders, Field Orders, Clarifications, ect.:

Had 5th bi-weekly progress meeting.

Mike warned Adam Ledet and Phill Schexnayder that placing rock close to the water control structures as perscribed by the plans may cause stability concerns. Mike's solution would be to move the break point further way from the structure. Adam and Phill said to continue placing material at the wash out locations.

Condition of Navigation Aides and/or repairs on them:

none

Currently on schedule? Yes No

Notes:

Submitted By: Name: Aaron Mayeux

Title: Project Manager

Visitors to Project:

Jimmy Theriot

Adam Ledet

Phil Schexnayder

Signature: 

Daily Progress Report

Report Number: 99
 Date: 1/18/2013
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 53 Temp. Min: 37 High Tide: 0.1 Low Tide: -0.2 Precipitation: 0.0 inches Wind Speed: 5 mph	Shift: Day Start: 6:30 am Stop: 5:30 pm
Contractor: Southern Delta Construction		

Work Performed: CAT 336 excavator & Marsh Buggy placed 420 tons of rock on left side of struc. 21 Mrs. Tammy moved HD143 for rock placement, also brought CIT 109 to Hope Services. Aaron and Tyran layed out 400 SY of geotextile fabric at struc. 21.	Dollar Amount: \$ 35,700.00 \$ - \$ 4,500.00 Total: \$ 40,200.00
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Rock:
After placing approx 420 tons of rock, HD143 had an average freeboard of 6.84'

Inspections:
Ensured proper elevations were being reached with rip rap

Survey Notes:
none

Safety Meetings:
none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	11.00	Marsh Buggy	9.00
Aaron Mayeux	11.00	Cat 336 Excavator	9.00
Greg Riley	11.00	Cat 329 Excavator	1.00
Tyran Holmes	8.00	Mrs. Tammy (tug)	1 day
		Spud barge (CIT 109)	1 day
		Rock Barge (FMITA0902)	1 day
		Rock Barge (HD134)	1 day
		Rock Barge (HD142)	1 day
		Rock Barge (HD143)	1 day
		Rock Barge (BV102)	1 day
		Crew Boat (Tadpole)	1 day
	Total: 41.00		

Change Orders, Field Orders, Clarifications, ect.:
none

Condition of Navigation Aides and/or repairs on them:
none

Currently on schedule? Yes No

Notes:

Visitors to Project: Jimmy Theriot	Submitted By: Name: Aaron Mayeux Title: Project Manager Signature: 
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Daily Progress Report

Report Number: 100
 Date: 1/19/2013
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 64 Temp. Min: 40 High Tide: 0.8 Low Tide: 0.0	Shift: Day Start: 6:30 am Stop: 6:00 pm	Dollar Amount:
Contractor: Southern Delta Construction	Precipitation: 0.0 inches Wind Speed: 4 mph		

Work Performed:

CAT 336 excavator & Marsh Buggy placed 251 tons of rock on left side of struc. 21	\$	21,335.00
Mrs. Tammy moved FMTA0902 from Hope Services to Breach 6.	\$	-
Aaron and Tyran layed out 261 SY of geotextile fabric at struc. 21	\$	2,936.00
Total:	\$	24,271.00

Rock:
 After placing 251 tons of rock, HD143 had an average freeboard of 8.09'
 A total of 671 tons of rock was placed on the left side of structure no. 21.

Inspections:
 Ensured proper elevations were being reached with rip rap

Survey Notes:
 none

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	RUNNING HOURS
Mike Mayeux	11.50	Marsh Buggy	9.00
Aaron Mayeux	11.50	Cat 336 Excavator	6.00
Greg Riley	11.50	Cat 329 Excavator	2.00
Tyran Holmes	11.50	Mrs. Tammy (tug)	1 day
		Spud Barge (CIT109)	1 day
		Rock Barge (FMTA0902)	1 day
		Rock Barge (HD134)	1 day
		Rock Barge (HD142)	1 day
		Rock Barge (HD143)	1 day
		Rock Barge (BV102)	1 day
		Crew Boat (Tadpole)	1 day
Total:	46.00		

Change Orders, Field Orders, Clarifications, ect.:
 none

Condition of Navigation Aides and/or repairs on them:
 none

Currently on schedule? Yes No

Notes:

Submitted By:

Name: Aaron Mayeux

Visitors to Project:

Jimmy Theriot

Title:

Project Manager

Signature:



Daily Progress Report

Report Number: 101
 Date: 1/20/2013
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 66 Temp. Min: 39 High Tide: 0.4 Low Tide: 0.0 Precipitation: 0.0 Wind Speed: 3	Shift: Day Start: 7:00 am Stop: 6:00 pm	
Contractor: Southern Delta Construction			

Work Performed: CAT 336 excavator light loaded approx 500 tons of rock onto HD143 from BV102 Mrs. Tammy brought CIT109 to Jug Lake. CAT 329 tried to get FMTA0902 into position at Breach 6, but there wasn't enough water.	Dollar Amount: \$ - \$ - \$ - Total: \$ -
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Rock:
none

Inspections:
none

Survey Notes:
none

Safety Meetings:
none

LABOR	HOURS	EQUIPMENT	Time
Mike Mayeux	11.00	Marsh Buggy	0 hrs
Aaron Mayeux	9.00	Cat 336 Excavator	4.5 hrs
Greg Riley	11.00	Cat 329 Excavator	3.5 hrs
Tyran Holmes	5.50	Mrs. Tammy (tug)	1 day
		Spud Barge (CIT109)	1 day
		Rock Barge (FMTA0902)	1 day
		Rock Barge (HD134)	1 day
		Rock Barge (HD142)	1 day
		Rock Barge (HD143)	1 day
		Rock Barge (BV102)	1 day
		Crew Boat (Tadpole)	1 day
	Total: 36.50		

Change Orders, Field Orders, Clarifications, ect.:
none

Condition of Navigation Aides and/or repairs on them:
none

Currently on schedule? Yes No **Submitted By:** Aaron Mayeux

Notes:

Visitors to Project: Jimmy Theriot

Title: Project Manager

Signature: 

Daily Progress Report

Report Number: 102
 Date: 1/21/2013
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 64 Temp. Min: 44 High Tide: 0.8 Low Tide: 0.5 Precipitation: 0.0 Wind Speed: 2	Shift: Day Start: 6:30 am Stop: 5:30 pm	
Contractor: Southern Delta Construction			Dollar Amount:

Work Performed:	Dollar Amount:
CAT 329 placed 136 Tons of rip rap off of FMTA0902 at Breach 6.	\$ 24,684.00
Miss Tammy positioned FMTA0902 at Breach 6 then brought it back into jug lake.	\$ -
Aaron and Tyran layed out 111 SV of geotextile fabric at Breach 6.	\$ 1,249.00
CAT 336 excavated material from the borrow canal, loaded it onto CIT109, and placed it at structure no. 24 (3 loads @ approx. 175 CY each)	\$ -
Miss Tammy ferried CIT109 between borrow canal excavation and placement at struc 24	\$ -
Marsh buggy shaped material placed by CAT 336 at structure no. 24	\$ -
Bayou Country Surveying came out to survery structure no. 24	\$ -
Total:	\$ 25,933.00

Rock:
 After placing rock at breach 6, FMTA0902 had an average freeboard of 4.83 from 4.18 before placement.
 A total of 136 tons of rock was placed at breach 6.

Inspections:
 ensured breach 6 was properly blocked off.
 the right side of structure no. 24 continues to wash away. Material placed will not hold up in the deeper water.

Survey Notes:
 The left side of structure no. 24 was built to lines and grades of plans

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	Time
Mike Mayeux	11.00	Marsh Buggy	1 day
Aaron Mayeux	11.00	Cat 336 Excavator	5.5 hrs
Greg Riley	11.00	Cat 329 Excavator	3.0 hrs
Tyran Holmes	11.00	Mrs. Tammy (tug)	1 day
		Spud Barge (CIT109)	1 day
		Rock Barge (FMTA0902)	1 day
		Rock Barge (HD134)	1 day
		Rock Barge (HD142)	1 day
		Rock Barge (HD143)	1 day
		Rock Barge (BV102)	1 day
		Crew Boat (Tadpole)	1 day
Total:	44.00		

Change Orders, Field Orders, Clarifications, ect.:
 none

Condition of Navigation Aides and/or repairs on them:
 none

Currently on schedule? Yes No

Notes:

Submitted By: Name: _____ Aaron Mayeux
 Title: _____ Project Manager

Visitors to Project:
 Jimmy Theriot
 Signature: _____ *Aaron Mayeux*

Daily Progress Report

Report Number: 103
 Date: 1/22/2013
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 64 Temp. Min: 44 High Tide: 0.4 Low Tide: 0.1 Precipitation: 0.0 inches Wind Speed: 4 mph	Shift: Day Start: 6:30 am Stop: 5:30 pm
Contractor: Southern Delta Construction		

Work Performed:	Dollar Amount:
CAT 336 completed work on temporary soil placement	\$ 1,000.00
CAT 336 unloaded fabric at structure 23.	\$ -
Mike, James, and Miss Tammy brought the Chief to the intersection of Falgout Canal and the Houma Navigation Channel.	\$ -
Miss Tammy ferried HD134, HD142, HD143, and BV102 to the Chief from Hope Services.	\$ -
CAT 336 excavated material from the borrow canal, loaded it onto CIT109, and placed it at structure no. 23 (right side: 5 loads, left side: 2 loads @ approx. 175 CY each)	\$ -
Marsh buggy shaped material placed by CAT 336 at structure no. 23.	\$ -
Bayou Country Surveying took cross sections of the left side of structure no. 24 and the right side of structure no. 23.	\$ -
Total:	\$ 1,000.00

Rock:
none

Inspections:
Material placed at structure no. 23 continues to be washed out.

Survey Notes:
none

Safety Meetings:
Working over water.

LABOR	HOURS	EQUIPMENT	Time
Mike Mayeux	10.00	Marsh Buggy	1 day
Aaron Mayeux	11.00	Cat 336 Excavator	9.00
Greg Riley	11.00	Cat 329 Excavator	1.00
Tyran Holmes	11.00	Mrs. Tammy (tug)	1 day
James Macdonald	11.00	Spud Barge (CIT109)	1 day
		Rock Barge (FMTA0902)	1 day
		Rock Barge (HD134)	1 day
		Rock Barge (HD142)	1 day
		Rock Barge (HD143)	1 day
		Rock Barge (BV102)	1 day
		Spud Barge (Chief)	1 day
		Crew Boat (Tadpole)	1 day
Total:	54.00		

Change Orders, Field Orders, Clarifications, ect.:
none

Condition of Navigation Aides and/or repairs on them:
none

Currently on schedule? Yes No

Notes:

Submitted By:
Name: Aaron Mayeux
Title: Project Manager

Visitors to Project:
Jimmy Theriot
Signature: 

Daily Progress Report

Report Number: 104
 Date: 1/23/2013
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 66 Temp. Min: 41 High Tide: 0.8 Low Tide: 0.5 Precipitation: 0.0 Wind Speed: 2	Shift: Day Start: 6:30 am Stop: 5:30 pm	Dollar Amount:
Contractor: Southern Delta Construction			

Work Performed: CAT 336 and Marsh buggy placed 274 tons of rip rap on the left side of structure no. 24 Tyran, James and Aaron layed out 800 SY of geotextile fabric on the left side of struc 24 CAT 336 dug material from the borrow canal, loaded CIT109, and placed it at struc 23 right side: 2 loads @ approx. 175 CY each, left side: 2 loads @ approx. 175 CY each Marsh buggy shaped material placed by CAT 336 at structure no. 23 Bayou Country Surveying took cross sections of the right side of structure no. 23.	Dollar Amount: \$ 23,290.00 \$ 9,000.00 \$ - \$ - \$ -
--	--

Rock: Rock barge FMTA0902 had an average freeboard of 4.81' before unloading and 6.14' at the end of the day.	Total: \$ 32,290.00
---	----------------------------

Inspections:
 ensured rip rap achieved required elevation.

Survey Notes:
 Bayou Country Surveying came out to cross section the right side of structure no. 23

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	Time
Mike Mayeux	11.00	Marsh Buggy	1 day
Aaron Mayeux	11.00	Cat 336 Excavator	9.00
Greg Riley	11.00	Cat 329 Excavator	1.00
Tyran Holmes	11.00	Mrs. Tammy (tug)	1 day
James Macdonald	11.00	Spud Barge (CIT109)	1 day
		Rock Barge (FMTA0902)	1 day
		Rock Barge (HD134)	1 day
		Rock Barge (HD142)	1 day
		Rock Barge (HD143)	1 day
		Rock Barge (BV102)	1 day
		Spud Barge (Chief)	1 day
		Crew Boat (Tadpole)	1 day
	Total: 55.00		

Change Orders, Field Orders, Clarifications, ect.:
 We received approval to start rip rap placement on the left side of structure no. 24.

Condition of Navigation Aides and/or repairs on them:
 none

Currently on schedule? Yes No

Notes:

Submitted By: Name: _____ Title: _____
 Aaron Mayeux
 Project Manager

Visitors to Project: Jimmy Theriot

Signature: 

Daily Progress Report

Report Number: 106
 Date: 1/25/2013
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 73 Temp. Min: 48 High Tide: 1.0 Low Tide: 0.6	Shift: Start: 6:30 am Stop: 5:30 pm	
Contractor: Southern Delta Construction	Precipitation: 0.0 inches Wind Speed: 3 mph		

Work Performed:	Dollar Amount:
CAT 336 and Marsh buggy placed 25 tons of rip rap on the left side of structure no. 24	\$ 2,125.00
CAT 336 and Marsh buggy placed 416 tons of rip rap on the right side of struc 23	\$ 44,512.00
Miss Tammy brought a light loaded BV102 to Jug Lake	\$ -
James, Tyran, and Aaron layed out 385 SY of geotextile fabric on the right side of structure no. 23	\$ 4,331.00

Rock:	Total: \$	50,968.00
HD134 ended the day with an average freeboard of 6.33'. BV102 came in with an average freeboard of 4.22		
A total of 967 tons of rock was placed on the left side of structure no. 24.		

Inspections:
 ensured rip rap achieved required elevation.

Survey Notes:
 none

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	Time
Mike Mayeux	11.00	Marsh Buggy	1 day
Aaron Mayeux	11.00	Cat 336 Excavator	9.00
Greg Riley	11.00	Cat 329 Excavator	1.00
Tyran Holmes	11.00	Mrs. Tammy (tug)	1 day
James Macdonald	11.00	Spud Barge (CIT109)	1 day
		Rock Barge (FMTA0902)	1 day
		Rock Barge (HD134)	1 day
		Rock Barge (HD142)	1 day
		Rock Barge (HD143)	1 day
		Rock Barge (BV102)	1 day
		Spud Barge (Chief)	1 day
		Crew Boat (Tadpole)	1 day
	Total:		55.00

Change Orders, Field Orders, Clarifications, ect.:
 We received approval to begin rock placement on the right side of structure no. 23.

Condition of Navigation Aides and/or repairs on them:
 none

Currently on schedule? Yes No

Submitted By: _____ **Name:** Aaron Mayeux

Visitors to Project: Jimmy Theriot

Title: _____ **Project Manager**

Signature: 

Daily Progress Report

Report Number: 107
 Date: 1/26/2013
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 66 Temp. Min: 48 High Tide: 0.9 Low Tide: 0.5 Precipitation: 0.0 Wind Speed: 0	Shift: Day Start: 6:30 am Stop: 5:30 pm	Dollar Amount:
Contractor: Southern Delta Construction			

Work Performed: CAT 336 and Marsh buggy placed 448 tons of rip rap on the right side of structure no. 23 Miss Tammy brought an empty HD134 back to the Chief Tyrn and Aaron layed out 625 SY of geotextile fabric on the right side of structure no. 23	Dollar Amount: \$ 47,936.00 \$ - \$ 7,031.00
---	--

Rock: BV102 was remeasured with the excavator on and had an avg freeboard of 4.08 and ended the day at 5:53. HD134 started the day with an avg freeboard of 7.40 and emptied out to 8:14.	Total: \$ 54,967.00
--	----------------------------

Inspections:
The rock on the slope at structure no. 23 on the right side is sliding into the structure and causing the warning sign to lean.

Survey Notes:
none

Safety Meetings:
none

LABOR	HOURS	EQUIPMENT	Time
Mike Mayeux	11.00	Marsh Buggy	1 day
Aaron Mayeux	11.00	Cat 336 Excavator	9.00
Greg Riley	11.00	Cat 329 Excavator	2.00
Tyrn Holmes	11.00	Mrs. Tammy (tug)	1 day
James Macdonald	0.00	Spud Barge (CIT109)	1 day
		Rock Barge (FMITA0902)	1 day
		Rock Barge (HD134)	1 day
		Rock Barge (HD142)	1 day
		Rock Barge (HD143)	1 day
		Rock Barge (BV102)	1 day
		Spud Barge (Chief)	1 day
		Crew Boat (Tadpole)	1 day
Total:	44.00		

Change Orders, Field Orders, Clarifications, ect.:
none

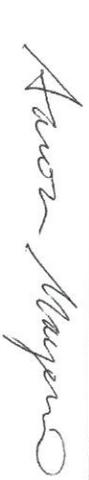
Condition of Navigation Aides and/or repairs on them:
The right side warning sign at structure no. 23 is leaning due to rock sliding into it.

Currently on schedule? Yes No

Notes:

Submitted By: Name: _____ Title: _____
 Aaron Mayeux
 Project Manager

Visitors to Project: Jimmy Theriot

Signature: 

Daily Progress Report

Report Number: 110
 Date: 1/29/2013
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 75 Temp. Min: 66 High Tide: 1.6 Low Tide: 1.0 Precipitation: 0.0 inches Wind Speed: 14 mph	Shift: Day Start: 6:30 am Stop: 5:30 pm
Contractor: Southern Delta Construction		

Work Performed: CAT 336 finished unloading rock at Billy Cenac's property in Dulac, LA Miss Tammy assisted with unloading rock The Warren Jr. (Luhr Bros. Tug) came to pick up Luhr's 5 rock barges Tyran stayed late to drop the spuds on the Chief at Eagle Drydock Marsh buggy dressed back slope from sta 173+00 to 169+00. Tyran and Aaron hung signs on the last piling at Voss Canal Miss Tammy positioned the barge (CIT109) for sign placement.	Dollar Amount: \$ - \$ - \$ - \$ 2,960.00 \$ 765.00 \$ - Total: \$ 3,725.00
--	---

Rock:
Finished unloading remaining rock at new staging area in Dulac, LA.

Inspections:
ensured proper elevations are being reach on levee embankment.

Survey Notes:
Aaron and Tyran put out grade stakes from sta 155+30 to 137+65 and from 105+80 to 112+60.

Safety Meetings:
none

LABOR	HOURS	EQUIPMENT	Time
Mike Mayeux	11.00	Marsh Buggy	1 day
Aaron Mayeux	11.00	Cat 336 Excavator	9.00
Greg Riley	11.00	Cat 329 Excavator	2.00
Tyran Holmes	13.75	Mrs. Tammy (tug)	1 day
		Warren Jr. (tug)	1 day
		Spud Barge (CIT109)	1 day
		Rock Barge (FMITA0902)	1 day
		Rock Barge (HD134)	1 day
		Rock Barge (HD142)	1 day
		Rock Barge (HD143)	1 day
		Rock Barge (BV102)	1 day
		Spud Barge (Chief)	1 day
		Crew Boat (Tadpole)	1 day
	Total: 46.75		

Change Orders, Field Orders, Clarifications, ect.:
none

Condition of Navigation Aides and/or repairs on them:
The right side warning sign at structure no. 23 is leaning due to rock sliding into it.

Currently on schedule? Yes No

Notes:
We are on schedule but the order of operations has changed. We are still scheduled to finish on Wednesday, March 6, 2013.

Visitors to Project:
Jimmy Theriot

Submitted By:
Name: Aaron Mayeux
Title: Project Manager
Signature: 

Daily Progress Report

Report Number: 131
 Date: 3/14/2013
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 68 Temp. Min: 46 High Tide: 0.6 Low Tide: 0.8 Precipitation: 0.0 Wind Speed: 12	Shift: Start: Day Stop:	Dollar Amount: \$ 4,500.00
Contractor: Southern Delta Construction	inches		

Work Performed:

3 Laborers and 336 excavator and marsh buggy excavator completed geotextile material on thr right side of structure 24 and placed 2 sections of left side of structure 23.
 Cat 336 excavator unloaded approx 405 tons of riprap from barge RG296 and the marsh buggy excavator placed in final position to complete structure 24.
 Equipment then moved to structure 23 and placed 78 tons of riprap. Marsh buggy excavator also corrected low spots on berm at structure 23 as requested.

Rock:		Total: \$ 47,271.00
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Inspections:
 Bi weekly progress meeting held today.

Survey Notes:

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	Time
Mike Mayeux	10.00	Marsh Buggy	10 hrs
Greg Riley	10.00	Crew Boat (Tadpole)	1 day
Tryan Holmes	10.00	Cat 336	10 hrs
Troy	10.00	Tug Louisiana Sunrise	1 day
Rodney	10.00	Barge RG296	1 day
Total: 50.00			

Change Orders, Field Orders, Clarifications, ect.:

Condition of Navigation Aides and/or repairs on them:
 The right side warning sign at structure no. 23 is leaning due to rock sliding into it.

Currently on schedule? Yes No **Submitted By:** Mike Mayeux

Notes:

Visitors to Project: **Title:** Project Manager **Signature:** 

Daily Progress Report

Report Number: 132
 Date: 3/15/2013
 Solicitation Number: 2246834

Project: Brady Canal Hydrological Restoration Project	Weather: Temp. Max: 68 Temp. Min: 46 High Tide: 0.6 Low Tide: 0.8 Precipitation: 0.0 Wind Speed: 12	Shift: Start: Stop:	Day Day
Contractor: Southern Delta Construction	inches		

Work Performed: **Dollar Amount:**

Cat 329 excavator at stockpile in Duliac loaded 821 tons on Barge RG296 then Tug Louisiana Sunrise towed barge back to structure 23.
 Two men marked out areas to be repaired from 256 to 303.
 Marsh buggy excavator repaired levee as directed from structure 24 to sta 269+00.

Rock:		Total: \$	-
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Inspections:
 Mr. Jimmy Theroit accepted levee repaired today.

Survey Notes:

Safety Meetings:
 none

LABOR	HOURS	EQUIPMENT	Time
Mike Mayeux	10.00	Marsh Buggy	10 hrs
Greg Riley	10.00	Crew Boat (Tadpole)	1 day
Tryan Holmes	0.00	Cat 336	1 hr
Troy	10.00	Tug Louisiana Sunrise	1 day
Rodney	10.00	Barge RG296	1 day
		Cat 329	8 hrs
Total:			40.00

Change Orders, Field Orders, Clarifications, ect.:
 We consider the directed work to repair levee as a change order.

Condition of Navigation Aides and/or repairs on them:
 The right side warning sign at structure no. 23 is leaning due to rock sliding into it.

Currently on schedule? Yes No

Submitted By: Name: Mike Mayeux

Notes:

Visitors to Project: Title: Project Manager
 Signature: 

ATTACHMENT “M”

GSE Associates, LLC
Project Progress Reports

GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

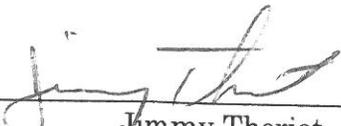
Date: 10/30/12 Contract Day: 13 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear High 68° 0% chance of rain NNW @8

Working Conditions: Excellent

Hours: 9

Signatures: 
Jimmy Theriot

Personnel:

Superintendent 1

Foreman _____

Operator 2

Oiler 1

Boat Operator 1

Equipment:

Dredge Barge 1

Marsh buggy 1

Boats 2

Work in progress this report and/or remarks: They cleared the levee from approximately station 235+00 to 174+00 with a marsh buggy excavator. He is pushing grass and small trees to the back side of the proposed levee. They dredged from station 277+00 to station 274+00 before being shut down for the day.

I was reviewing the specs and noticed on page 48, TS-810.2 Materials: They call for 40' long pilings here and on details sheet 48 of 48 shows a 50' piling for the signs. I contacted clay and he is checking this out to get the proper length. He is also checking time allowed on the job. I spoke to Clay on this and he told me that there were no problems that these were a different set of pilings.

Received a call from Brian and Adam with DNR about the project. Brian wanted to know if Southern Delta submitted information on the survey done and a proposed Lighting for working 24 hour shift work. I didn't receive any information and contacted Clay Breaud on this matter. Clay will contact Brian and get with him on this matter. Clay called me around 1:30 pm and notified me that they were ordering the dredging to be shut down till they received proper paper work. They stopped dredging around 3:00 pm.

**GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT**

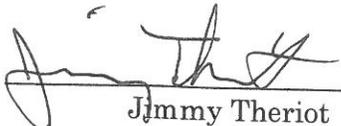
Date: 10/29/12 Contract Day: 12 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear skies 65° 0% chance of rain NNW @15

Working Conditions: Excellent

Hours: 5

Signatures:  _____
Jimmy Theriot

Personnel:

Superintendent 1

Foreman _____

Operator 1

Oiler 1

Equipment:

Dredge Barge 1

Marsh buggy _____

Boats 2

Work in progress this report and/or remarks: I received a call from Phil that the contactor started work on the project. I contacted Mike Mayeux with Southern Delta Construction and made arrangement to get a boat to the site. Upon arrival I found that the dredging and clearing operations have started. They cleared the levee from approximately station 235+00 to 303+62 with a marsh buggy excavator. They also started dredging from station 303+60 to approximately 277+00. They are using a crane mounted on a spud barge with a six yard clam bucket.

The marsh buggy was not working today due to their boat broke down. They should have the boat back tomorrow.

I got Mike to take me around and look at the other areas of work to be done.

**GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT**

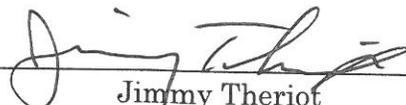
Date: 11-6-12 Contract Day: 20 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear Skies, High 68°, 0% chance of rain NNW @12

Working Conditions: Good

Hours: 5

Signatures: 
Jimmy Theriot

Personnel:

Superintendent 1

Foreman _____

Operator 1

Oiler 1

Boat Operator 1

Equipment:

Dredge Barge 1

Marsh buggy _____

Boats 3

Work in progress this report and/or remarks; I received a call from Aaron Mayeux that they dredge was working. I contacted Phil and met the boat at the dock and went out to the job site. Bayou Country Surveying Company caught the boat with us. They came out to survey the pipe lines and project area.

They dredged from station 274+00 to station 265+00. Dredging phase is 28% complete.

The marsh Buggy has completed clearing and grubbing the levee in the project area.

**GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT**

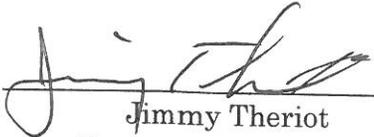
Date: 11-7-12 Contract Day: 21 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear Skies, High 71°, 0% chance of rain NNW @13

Working Conditions: Good

Hours: 8

Signatures:  _____
Jimmy Theriot

Personnel:

Superintendent 1

Foreman _____

Operator 1

Oiler 1

Boat Operator 1

Equipment:

Dredge Barge 1

Marsh buggy _____

Boats 3

Work in progress this report and/or remarks; Bayou Country Surveying are still surveying the pipelines and the existing levees locations for the contractor. They are continuing to do there survey today.

The dredge has dredged from station 265+00 to station 259+50. . We are nearing structure 24, alternate # 2. Aaron Mayeux is doing the construction layout in front of the dredge. He is marking the levee layout and Dredge channel.

GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

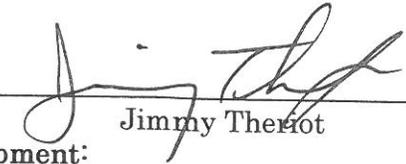
Date: 11-9-12 Contract Day: 23 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear Skies, High 75°, 0% chance of rain ENE @ 8

Working Conditions: Good

Hours: 8.5

Signatures: 
Jimmy Theriot

Personnel:

Superintendent 1

Foreman _____

Operator 1

Oiler 1

Boat Operator 1

Equipment:

Dredge Barge 1

Marsh buggy _____

Boats 3

Work in progress this report and/or remarks: Bayou Country Surveying did not show up today. They stated they had about a half days work left yesterday. I spoke to Aaron Mayeux and he told me that he was aware they weren't coming out.

The dredge was continuing to dredge and had a break down around 11:30am that shut the dredging down. They removed the part and have a replacement part being made and was going to be delivered around 4:30.

I make a site visit to Breach # 6 with the superintendent to show him the location. He attempted to contact the owner of the camp boat parked in front of the breach and left a note on the camp on the camp to try and make contact with him. This camp has to be moved prior to repairs to this breach.

GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

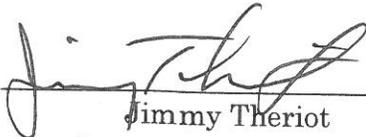
Date: 11-8-12 Contract Day: 22 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear Skies, High 66°, 0% chance of rain ENE @ 8

Working Conditions: Good

Hours: 10

Signatures:  _____
Jimmy Theriot

Personnel:

Superintendent 1

Foreman _____

Operator 1

Oiler 1

Boat Operator 1

Equipment:

Dredge Barge 1

Marsh buggy _____

Boats 3

Work in progress this report and/or remarks; Bayou Country Surveying are probing for the pipelines for the contractor and marking their locations and depths.

The dredge has dredged from station 259+50 to station 251+50. We have passed structure 24, alternate # 2. Mike Mayeux instructed the operator to place more material near the sheet piles of the structure. It didn't have enough material placed there. Aaron Mayeux is doing the construction layout in front of the dredge. He is placing PVC pipes marking the dredge channel and marking the levee location.

I spoke to Mike Mayeux about some drums that were washed up in the levee area and to make sure they were removed prior to placing dirt. The drums have been removed and place on the barge for disposal.

There was a bi-weekly meeting held today at the Falgout Canal Marina. I, Phil Schexnayder, Adam Ledet, Mike Mayeux, and Aaron Mayeux was in attendance. Phil took mins of the meeting and will distribute them to attendees. We then took them on a ride to look at the progress of work completed and work to be done. I brought the piling lengths for the signs in the meeting and Adam will check this out and let Phil know which one to use.

I went out and located Breach 6 and will bring out the contractor to verify that this is the same location they were going to do the repairs.

GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

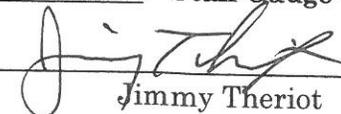
Date: 11-12-12 Contract Day: 26 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Cloudy with a high of 66°, 50% chance of rain, winds NW @ 14

Working Conditions: Poor raining and wet with high wave action. Staff Gauge: +1.9

Hours: 9.5

Signatures:  _____
Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Dredge Barge 1

Foreman _____

Marsh buggy _____

Operator 1

Boats 2

Oiler 1

Boat Operator 1

Work in progress this report and/or remarks; The Dredge Barge has dug from station 251+50 to station 238+50. They then moved the dredge barge Sunday morning from this location around the pipelines in the lake and started dredging from station 183+60 to 187+00. They have completed 48% of the placement of material with the dredge.

The Superintendent held the weekly safety meeting this morning. The topic of the meeting was the proper way to fuel up equipment.

The superintendent is going ahead of the dredge laying out the the levee base line for the dredge. He is staying 1000' ahead of the barge.

**GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT**

Date: 11-13-12 Contract Day: 27 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear skies, high 60° low 40°, 0% rain, winds N @ 21

Working Conditions: Good with a light chop on the water. Staff gauge: +.8

Hours: 8.5

Signatures: 
Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Dredge Barge 1

Foreman _____

Marsh buggy _____

Operator 1

Boats 2

Oiler 1

Boat Operator 1

Work in progress this report and/or remarks: The dredge dug from station 187+00 to station 193+00. The dredging work is 52% complete as of today. They have dredge 7280' linear feet.

The Superintendent is going out and layout for the levee center line and the Borrow area in front of the dredge. He is using an RTK surveying equipment for this.

GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

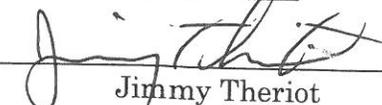
Date: 11-14-12 Contract Day: 28 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Partly Cloudy, high 66° low 43°, 0% rain, winds N @ 16

Working Conditions: Good with a light chop on the water. Staff gauge: +1.3

Hours: 8.5

Signatures:  _____
Jimmy Theriot

Personnel:

Superintendent 1

Foreman _____

Operator 1

Oiler 1

Boat Operator 1

Equipment:

Dredge Barge 1

Marsh buggy _____

Boats 2

Work in progress this report and/or remarks: The dredge dug from station 193+00 to station 199+00. The dredging work is 56% complete as of today. They have dredge 7880' linear feet. They have placed material around the sheet pile walls of structure no. 21 and are continuing to dredge.

The Superintendent is going out and layout for the levee center line and the Borrow area in front of the dredge. He is working from station 173+00 going south west. He is using an RTK surveying equipment for this.

The Magnetometer Survey has been completed. The crew came out on Saturday and finished up. The pay request came in at 95% for this item and it is now complete. Also on the pay request was the Mobilization 60% and the clearing and grubbing 100%. These items are completed to the percentage requested. I talked to Dickie about these items and gave approval for payment over the Phone.

GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 11-15-12 Contract Day: 29 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear Skies, high 66° low 43°, 0% rain, winds N @ 11

Working Conditions: Good

Staff gauge: +1.3

Hours: 8

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Dredge Barge 1

Foreman _____

Marsh buggy _____

Operator 1

Boats 2

Oiler 1

Boat Operator 1

Work in progress this report and/or remarks: The dredge dug from station 199+00 to station 204+80. The dredging work is 60% complete as of today. They have dredge 8313' linear feet.

The Superintendent is going out and layout for the levee center line and the Borrow area in front of the dredge. He is working from station 173+00 going south west. He is using an RTK surveying equipment for this.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 11-16-12 Contract Day: 30 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear Skies, high 68° low 45°, 0% rain, winds NNE @ 14

Working Conditions: Good

Hours: 8.5

Staff gauge: +1.1

Signatures: _____

Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Dredge Barge 1

Foreman _____

Marsh buggy _____

Operator 1

Boats 2

Oiler 1

Boat Operator 1

Work in progress this report and/or remarks: The dredge dug from station 204+80 to station 213+00. They have dredged 9133' linear feet. There were a couple of lights that went out on the crane boom. They repaired them today.

The Superintendent is going out and layout for the levee center line and the borrow area in front of the dredge. He is working from station 173+00 to station 150+00 marked. He is using an RTK surveying equipment for this.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 11-19-12 Contract Day: 33 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

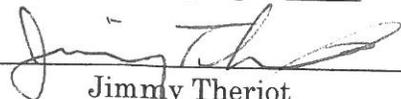
Weather Conditions: Clear Skies, high 74° low 49°, 0% rain, winds NE @ 3

Working Conditions: Good

Staff gauge: +1.35

Hours: 9

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Dredge Barge 1

Foreman _____

Marsh buggy _____

Operator 1

Boats 3

Oiler 1

Boat Operator 1

Work in progress this report and/or remarks: The dredge dug from station 213+00 to station 218+00. They completed the dredge portion of this section of levee and moved the barge back to station 196+28 and started working back west are presently at station 161+40.

I spoke to Phil about station 138+00. The levee section at this location will be falling over the existing rip rap. Phil advised me not to cover the rip rap if it is about the water line. I will pass this information to the contractor.

The Superintendent went out and did the layout for the levee center line and the borrow area in front of the dredge. He completed staking out the rest of the dredge area. He is using an RTK surveying equipment for this.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 11-20-12 Contract Day: 34 Job No: 621-006

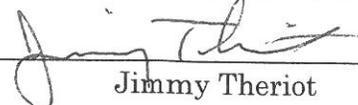
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear Skies, high 75° low 49°, 0% rain, winds N @ 3 light morning fog

Working Conditions: Good

Staff gauge: +1.1

Hours: 10

Signatures: 
Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Dredge Barge 1

Foreman _____

Marsh buggy _____

Operator 1

Boats 3

Oiler 1

Boat Operator 1

Work in progress this report and/or remarks: The dredge dug from station 161+40 to station 150+20. This is 1120 feet dredged today. The dredge portion of the project is 86 % completed.

The marsh buggy operator came out today to clear a section of existing levee that needed to be cleared back about ten more feet.

Aaron took one of the company's boats back to the landing to work on the controls. They key broke off in the ignition and they were unable to start it. They are also going to be servicing the Frogco boat at the same time. We have one boat at the dredge in case we need it.

The dredge's pull cable was in need of replacing. At 9:30 am the crew replaced the bad cable and resumed dredging operations around 10:20am.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 11-21-12 Contract Day: 35 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear Skies, high 77° low 50°, 0% rain, windsNNW @ 3

Working Conditions: Good

Hours: 8

Staff gauge: +.8

Signatures: _____

Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Dredge Barge 1

Foreman _____

Marsh buggy _____

Operator 1

Boats 2

Oiler 1

Boat Operator 1

Work in progress this report and/or remarks: The dredge dug from station 150+20 to station 143+30. This is 690' feet dredged today. The dredge portion of the project is 91 % completed.

The superintendent went out and started staking out the center line of the levee and setting the 5' elevation to start shaping the levee.

Mike Mayeux came out to the job site to check on the progress of the work being done. He made a check of the areas dredged.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 11-22-12 Contract Day: 36 Job No: 621-006

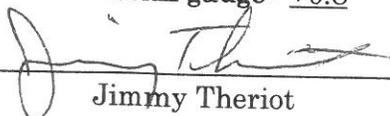
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear Skies, high 77° low 52°, 0% rain, winds N @ 8

Working Conditions: Good

Hours: 8

Staff gauge: +0.8

Signatures: 
Jimmy Theriot

Personnel:

Superintendent 1

Foreman _____

Operator 1

Oiler 1

Boat Operator 1

Equipment:

Dredge Barge 1

Marsh buggy _____

Boats 2

Work in progress this report and/or remarks: The dredge dug from station 143+30 to station 138+00. This completes this section of levee. The tug boat came to site and moved the dredge to station 106+00. The water was not deep enough to float the Dredge to start digging. I contacted Phil to see if he could dig floatation to get the dredge in the Borrow area and he told me he could not authorize this and that we would have to wait till Monday to get approval from Brian. Aaron went out and sounded the canal along this section. He found a spot deep enough to float the barge across. They pulled the barge in and started dredging at station 106+00. I sent a text to Phil to let him know that they were able to continue working.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 11-23-12 Contract Day: 37 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

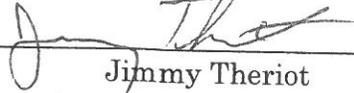
Weather Conditions: Cloudy skies, high 76° low 52°, 10% rain, winds N @ 5

Working Conditions: Good

Staff gauge: +1.00

Hours: 5

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Dredge Barge 1

Foreman _____

Marsh buggy _____

Operator 1

Boats 2

Oiler 1

Boat Operator 1

Work in progress this report and/or remarks: They dredged from station 106+00 to station 110+20. The dredge has completed the dredge portion of the job and was demobilized today. The tug boat LA Belle hooked up to the barge and move it from the job site. Mike Mayeux came out to the site this morning and overseen the demob process.

There was no one working this weekend and the 24/7 work days are over. The marsh buggy is scheduled to start shaping the levee on Monday.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

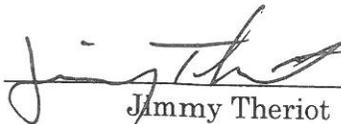
Date: 11-26-12 Contract Day: 40 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Cloudy with rain, high 75° low 61°, 60% rain, winds SSE @ 8

Working Conditions: Poor

Hours: 7

Signatures:  _____
Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Foreman _____

Boats 1

Operator 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: The subcontractor Frogco started shaping the levee at station 310+50. This is pass the 30 day period required in the contract to shape the levee at this location. He had to get additional material from the borrow pit to get the proper amount of fill material for the slopes. There was a lite rain falling all day. Aaron had the operator to continue shaping the levee through the rain. The material from the dredge was dry enough to shape the levee at this location.

Aaron Mayeux went to Breach #6 to see if the location the owner is going to move the house boat will be sufficient to be able to place the barge to do the repairs. He will get with the owner to coordinate the move.

Frogco plans to start on Tuesday working 6:30am to 4:30pm. They are still discussing how many days a week will be worked at this time.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 11-27-12 Contract Day: 41 Job No: 621-006

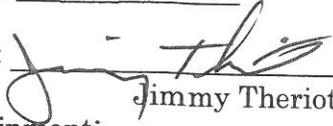
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Cloudy with rain, high 69° low 47°, 60% rain, winds calm early

Working Conditions: Poor

Staff Gauge +1.5

Hours: 8

Signatures:  _____

Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: There was a line of heavy rain with lightning coming through. We waited a while and decided to shut it down due to the lightning and to come back once the storm passed. Aaron will decide when we will go back and call me.

Got call from Aaron and we are went back to work. The Marsh buggy continued to shape the levee. He has shaped the levee from station 310+50 to station 299+60. This section was dredged prior to my going out to the job location. My first day on the job was 11/29/12 which put this over thirty days since it was dredged. I am going to continue to monitor the shaping to make sure it stays within the thirty day time limit. The material is still wet and making it hard to work. He is getting it to grade and elevation at this time.

I spoke to Phil and he is setting up the bi monthly meeting on Thursday. He also questioned me about the shaping of material to make sure it was dug at least 30 days prior to shaping. I told him I was monitoring this.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 11-28-12 Contract Day: 42 Job No: 621-006

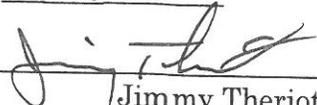
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Cloudy with dense fog, high 66° low 44°, 0% rain, winds N @ 14

Working Conditions: Poor

Staff Gauge +1.3

Hours: 9.5

Signatures: 

Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: There was a dense fog that started lifting around 11:00 am. The Marsh buggy continued to shape the levee. He placed material on the back side of the levee from 299+60 to station 294+00. He then started stacking material on the lake side of the levee. He is digging this material from the borrow pit. The material is wet and making it hard to work.

We had some erosion problems from the North wind that blew last night. We lost from two feet to four feet that was placed yesterday. The material is sandy and washing away from the wave action. There is a meeting scheduled tomorrow and I will bring this up at the meeting.

Aaron went out and staked off the crown and toe of the levees location and elevation. He is using RTK survey equipment to set the stakes.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 11-29-12 Contract Day: 43 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

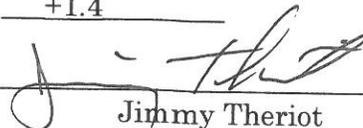
Weather Conditions: Clear skies, high 65° low 44°, 0% rain, winds NNE @ 10

Working Conditions: Good

Staff Gauge +1.4

Hours: 9.5

Signatures: _____



Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: The Marsh buggy continued to shape the levee. He worked on the lake side of the levee from 299+60 to station 294+50. This section should be to grade. Aaron will check this tomorrow. He is digging this material from the borrow pit and placing it on the slope on the lake side of the levee.

He shaped the rear of the levee from station 299+60 to station 292+69. The material is wet and making it hard to work. The operator spoke to me today stating that he does not have enough material to build complete the levee. We spoke to Aaron this afternoon and will meet tomorrow to see how they plan to proceed.

The Bi-weekly meeting was held today at the boat landing. We then went out and showed the progress of the levee work done since last meeting. I showed Phil the erosion from the north wind on Monday night.

Aaron went out took some cross sections of the material placed by the dredge before the Marsh buggy is shaping it. He is using RTK survey equipment to acquire this information.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 11-30-12 Contract Day: 44 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

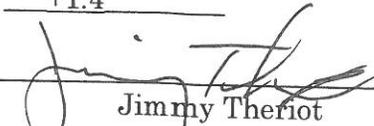
Weather Conditions: Clear skies, high 72° low 54°, 0% rain, winds NNE @ 10

Working Conditions: Good

Staff Gauge +1.4

Hours: 9.5

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: The Marsh buggy continued to shape the levee. He worked on the lake side of the levee from 294+50 to station 290+30. This section should be to grade. He is still digging the Barrow area for material. Aaron staked out the limits of the borrow area to make sure he doesn't dredge outside this area. Aaron also checked the slopes of the levee and they were high so we got with the operator and told him how much to cut to bring it to grade. Aaron also went out and took cross section of the completed portion of the levee and will plot this.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 12-3-12 Contract Day: 47 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

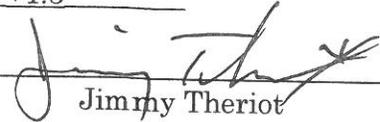
Weather Conditions: Partly Cloudy, high 77° low 60°, 10% rain, winds SE @ 10

Working Conditions: Good

Staff Gauge +1.3

Hours: 10

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: The Marsh buggy continued to shape the levee. He worked on the lake side of the levee from 290+30 to station 278+30. He has completed both sides of levee to station 280+80. This section should be to grade. He is still digging the barrow area for material. Aaron took cross sections of the completed sections of the levee. He also placed stakes on the low areas so the operator can go back and put them to grade. Aaron also staked out the levee ahead of the operator.

Frisco's barge showed up to location. This is the subcontractor that is going to replace the Dolphins. Work should start tomorrow on this.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 12-4-12 Contract Day: 48 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

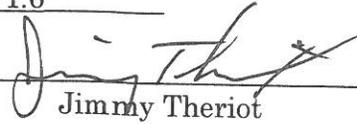
Weather Conditions: Cloudy, high 78° low 59°, 50% rain, winds SE @ 8

Working Conditions: Good

Staff Gauge +1.6

Hours: 9

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: The Marsh buggy continued to shape the levee. He worked on the lake side of the levee to station 277+06 and the back side completed to station 278+00. He is still digging the barrow area for material.

Frisco had the new piles on the barge for the dolphin repair 8-50' creosote pilings.

Frisco's removed the first dolphin and drove the new pilings. They used a drop hammer to drive the piles. 3-50' batter pilings and one 50' center pile. They drilled and bolted the pilings together using all threaded rods.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 12-5-12 Contract Day: 49 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

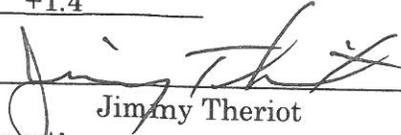
Weather Conditions: Cloudy, high 73° low 56°, 60% rain, winds SSE @ 8

Working Conditions: Poor

Staff Gauge +1.4

Hours: 9.5

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: The Marsh buggy continued to shape the levee. He has completed shaping levee to station 276+00. He is still digging the barrow area for material. Material at this location is poor and the operator is having problems getting the levee to grade. The shaping of the levee is 20% complete

Frisco completed the first dolphin and reinstalled the sign and light back on the structure.

I spoke to the operator with Frisco and we discussed the second dolphin that needed to be replaced. The plans called for the two on the south side of the structures. The operator told me that he made repairs on the two damaged dolphins and that the one on the northwest side was damaged and they placed used pilings about 30' in length. I looked at the structures and found that the south east structure was in good shape and the Northwest structure had pilings that showed they were used and covered with barnacles. I contacted Phil and he told me to replace the one that was in worst shape. I told the contractor to change out the Northwest structure

Frisco's removed the second dolphin and drove the new pilings. They used a drop hammer to drive the piles. 3-50' batter pilings and one 50' center pile. They drilled and bolted the pilings together using all threaded rods. They installed the cable around the structure and will be completing this one in the morning.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 12-6-12 Contract Day: 50 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

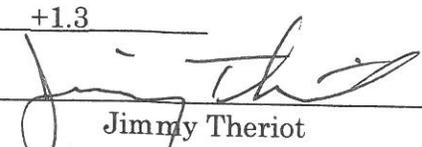
Weather Conditions: Cloudy, high 75° low 58°, 20% rain, winds NNE @ 8 Heavy fog

Working Conditions: Poor

Staff Gauge +1.3

Hours: 7

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: Heavy fog early kept the crew from leaving on time. They got under way around 8:00 am.

The Marsh buggy continued to shape the levee. He has completed shaping levee to station 273+30. He is still digging the barrow area for material. Material at this location is poor and the operator is having problems getting the levee to grade.

Frisco completed the second dolphin and reinstalled the sign and light back on the structure. This portion of the contract is complete.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 12-7-12 Contract Day: 51 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

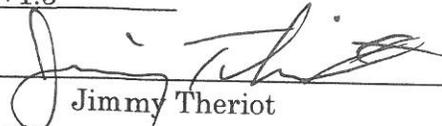
Weather Conditions: Cloudy, high 78° low 58°, 20% rain, winds SSE @ 5

Working Conditions: Good

Staff Gauge +1.3

Hours: 9.5

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: The Marsh buggy continued to shape the levee. He has completed shaping levee to station 271+23 and the back side of the levee to station 270+25. He is still digging the barrow area for material. Material at this location is poor.

Aaron probed the depth of the borrow channel. The channel is -8 to -9 feet deep with some locations shallower. He also took additional cross sections of the completed levee to check grades and slopes. To take the cross sections Aaron has to use plywood boards to walk on. He can't walk on the levee it is too soft to support his weight.

A boat delivered fuel to the marsh buggy today. The generator that operates the fuel pump was tripping the breaker. We went back to landing got another generator and this one also went out. We got another generator delivered to the landing and this one worked. The buggy lost about three hours of working time due to this.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 12-10-12 Contract Day: 54 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

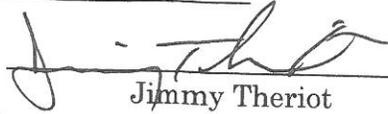
Weather Conditions: Cloudy, high 70° low 42°, 80% rain, winds S @ 16

Working Conditions: Poor

Staff Gauge +1.35

Hours: 8

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: The Marsh buggy continued to shape the levee. He has completed shaping levee to station 269+30. He is still digging the barrow area for material. Material at this location is poor. The marsh buggy moved to Structure # 24 and shaped the levee at the structure at station 254+14 to 255+23 on both sides and station 256+44 to 257+64 back side only. The material was too soft to hold in place.

Aaron staked out the levee in front of the marsh buggy and then started staking out structure # 23 until the rain started and shut this down.

There was a heavy line of showers with strong winds and lightning came thru at 10:30 am ahead of a cold front. The machine shut down till the heavy rain and lightning passed and then continued working.

We went out to Beach # 6 to see if the house boat was moved from the breach. The house boat has been moved so work can be done when contractor is ready.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 12-11-12 Contract Day: 55 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

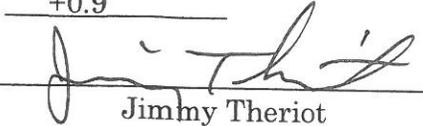
Weather Conditions: Cloudy, high 56° low 40°, 20% rain, winds N @ 16

Working Conditions: Good

Staff Gauge +0.9

Hours: 9

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: The Marsh buggy continued to shape the levee. He shaped the rear of the levee to station 263+50 and moved to the front to finish shaping this section.

Aaron went and staked out the levee at structure 23 and then called the marsh buggy to come and start shaping it from station 238+00 to structure 23. We were looking at the stakes and it didn't look like the plans. I checked the plans out and I saw a discrepancy on the plans. The location the levee tied into the sheet piles at the structure was different from where Aaron staked it out. I noticed on the plans that the location of the embankment was different on the profile and the top view. The other structures have the same problem. I went in and met with Phil and he contacted Adam and straightened this out. I will get with the contractor and direct him to place the crown of the levee centered at the edge of the sheet piles and to slope it to the toe and to make sure the end of the pilings are covered with material. He will need to send the marsh buggy back to structure 24 to move the center line of the levee center with the sheet piles.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 12-12-12 Contract Day: 56 Job No: 621-006

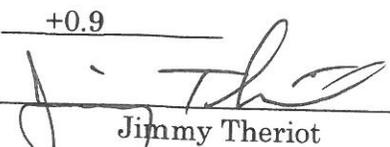
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Partly Cloudy, high 58° low 37°, 0% rain, winds N @ 16

Working Conditions: Good

Staff Gauge +0.9

Hours: 9.5

Signatures: 

Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: Aaron went and re-staked the earthen embankment at structure # 23 and structure # 24 as discussed on 12-11-12 report. He placed the center of the embankment at the center with the sheet piles and staked the crown at the edge of the sheet piles. The marsh buggy shaped the embankment with this new alignment on both sides of structure #23. The material slid back into the water on the back side causing the elevation to be low at the structure on the west side. They are going to let this material set and come back and place more on top at a later date. The machine will have to go back to structure #24 and finish shaping it to this alignment. There was more shaping that was needed at this location prior to the change of alignment.

The Marsh buggy went back and continued to shape the earthen embankment. He completed shaping the earthen embankment to station 265+77 both sides.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 12-13-12 Contract Day: 57 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

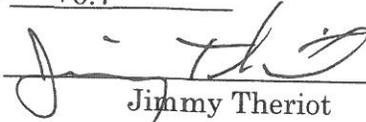
Weather Conditions: Clear, high 58° low 32°, 0% rain, winds N @ 8

Working Conditions: Good

Staff Gauge +0.7

Hours: 9.5

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: The Marsh buggy continued to shape the earthen embankment. He completed shaping the earthen embankment to station 265+00 both sides and 258+40 front side only.

Aaron staked out the embankment at structure #21. This will be ready to start shaping tomorrow.

The Bi-weekly meeting was held at the Marina at 9:00 am. They discussed structures # 21, 23, and 24 slopes and embankment locations. The contractor is having problems to get the elevation at structure # 23 where there was a wash out. We made a site visit and Adam is going to look at this and get back to us on this situation.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 12-14-12 Contract Day: 58 Job No: 621-006

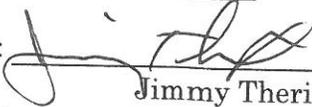
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Partly cloudy, high 69° low 41°, 10% rain, winds E @ 8

Working Conditions: Good

Staff Gauge +1.00

Hours: 9.5

Signatures:  _____
Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: The Marsh buggy continued to shape the earthen embankment. He completed shaping the earthen embankment to station 256+44 to structure #24 with the new alignment.

Aaron completed staking out the embankment at structure #21. The marsh buggy started shaping at structure # 21 and did about 100' from station 199+00 to station 200+00.

Aaron also staked out ahead of the machine between structure # 23 and 24.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 12-17-12 Contract Day: 61 Job No: 621-006

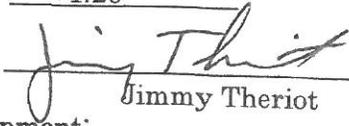
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Cloudy, high 74° low 47°, 20% rain, winds W @12

Working Conditions: Good

Staff Gauge +1.20

Hours: 6

Signatures: 

Jimmy Theriot

Personnel:

Equipment:

Superintendent _____

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: The operator and the boat driver had doctor appointments today so they got a late start.

The Marsh buggy shaped the earthen embankment at structure # 21 from station 200+00 to station 194+00. There is not enough dredge material so the Marsh Buggy is digging in the borrow area to get enough.

Aaron did not come to the job site today he went on another job.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 12-18-12 Contract Day: 62 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

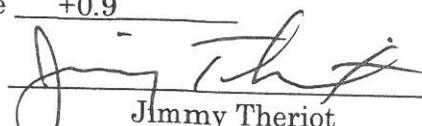
Weather Conditions: Clear, high 72° low 47°, 0% rain, winds SE @5

Working Conditions: Good

Staff Gauge +0.9

Hours: 11

Signatures: _____


Jimmy Theriot

Personnel:

Superintendent 1

Operator 1

Oiler _____

Boat Operator 1

Equipment:

Marsh buggy 1

Boats 1

Work in progress this report and/or remarks: Mike Mayeux came out to the job site to look at the structures. He looked them over got with Aaron and went back to the landing.

Aaron went out and started laying out the slopes of at the structures as directed by Mike. Structure 24 came out all right. Structure 21 and 23 the slopes from the crown going along the structure as on plans will be blocking portions of the bays with the stop logs. I emailed Phil with this information the contractor wants to know if he can change the slope to miss the bays and wants something in writing.

Aaron went out and took shots on the locations of the sheet piles ends at each structure and then went out and staked out more of the embankment from station 183+60 to station 190+08 for the machine to do more shaping. The shaping of the embankment is 40% complete as of today.

The marsh buggy went to structure 24 and worked on the slopes to receive the rocks today.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 12-18-12 Contract Day: 62 Job No: 621-006

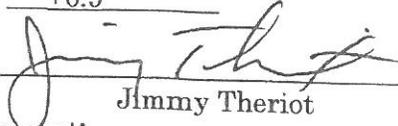
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear, high 72° low 47°, 0% rain, winds SE @5

Working Conditions: Good

Staff Gauge +0.9

Hours: 11

Signatures: 

Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: Mike Mayeux came out to the job site to look at the structures. He looked them over got with Aaron and went back to the landing.

Aaron went out and started laying out the slopes of at the structures as directed by Mike. Structure 24 came out all right. Structure 21 and 23 the slopes from the crown going along the structure as on plans will be blocking portions of the bays with the stop logs. I emailed Phil with this information the contractor wants to know if he can change the slope to miss the bays and wants something in writing.

Aaron went out and took shots on the locations of the sheet piles ends at each structure and then went out and staked out more of the embankment from station 183+60 to station 190+08 for the machine to do more shaping. The shaping of the embankment is 40% complete as of today.

The marsh buggy went to structure 24 and worked on the slopes to receive the rocks today.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 12-19-12 Contract Day: 63 Job No: 621-006

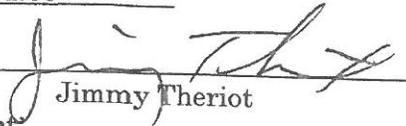
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear, high 79° low 61°, 0% rain, winds SSE @15

Working Conditions: Good

Staff Gauge +1.00

Hours: 9.5

Signatures: 
Jimmy Theriot

Personnel:

Equipment:

Superintendent _____

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: The Marsh buggy shaped the earthen embankment to station 248+84 on both sides and shaped the back side the earthen embankment to station 247+22. He also went and shaped the slopes on the right side of structure 24. The shaping portion of the job is 40% complete.

I receive a call from Phil concerning the email I sent on 12/18/12 about the rocks at the structures. He told me that there was a letter sent out on Monday to Mike Mayeux that covered the slopes at the structures. He sent me a copy and I will get with the contractor when they come back to the job site.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 12-21-12 Contract Day: 65 Job No: 621-006

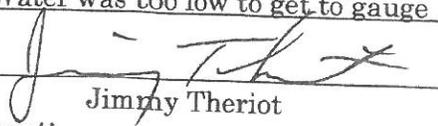
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear, high 57° low 36°, 0% rain, winds NNW @15

Working Conditions: Good

Staff Gauge Water was too low to get to gauge

Hours: 9.5

Signatures: 

Jimmy Theriot

Personnel:

Equipment:

Superintendent _____

Marsh buggy _____ 1

Operator _____ 1

Boats _____ 1

Oiler _____

Boat Operator _____ 1

Work in progress this report and/or remarks: The crew did not work on Wednesday 12/20/12 due to weather. A strong line of showers with heavy winds came through. There was a small craft advisory posted for Terrebonne Parish.

The Marsh buggy has completed shaping the earthen embankment on the front side between structures #23 and #24. He had 300' left to shape on the back side of this section.

The Crew will be working tomorrow and will take off Sunday thru Wednesday and return to work on Thursday after the Christmas Holidays.

Merry Christmas to all of you have a safe holiday.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 12-27-12 Contract Day: 71 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

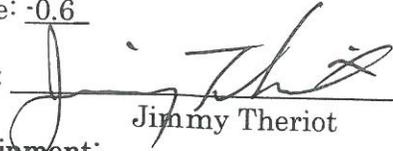
Weather Conditions: Cloudy, high 56° low 36°, 0% rain, winds ENE @8

Working Conditions: Good

Staff Gauge: -0.6

Hours: 9.5

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: The Marsh buggy has completed shaping the earthen embankment between structures #23 and #24. He is shaping from station 183+60 to 187+20 complete and to station 188+72 on the back side...

Aaron went to the structures and checked the water depth and slopes. He set stakes at each structure. Mike Mayeux will be coming out tomorrow morning to look at these areas. He did cross sections of completed embankments and set stakes for the operator to shape the levee.

Aaron asked me about the bays at structures and material placement at the structures. I showed Aaron a copy of Phil's letter dated December 17, 2012 to Mike Mayeux about the earthen embankment and the placement of the rocks at the structures that explained this.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 12-28-12 Contract Day: 72 Job No: 621-006

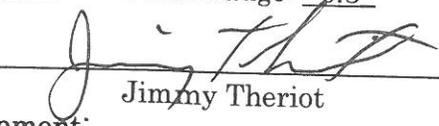
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Cloudy, high 70° low 62°, 70% rain, winds SE @20

Working Conditions: Poor hard winds with rain coming in Staff Gauge: +0.3

Hours: 9

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: He has completed shaping to station 190+08 and the back side of the levee to station 192+13 on the back side.

Aaron set stakes out on the embankment ahead of the operator to be shaped.

Mike Mayeux came to the job site and looked over the structures with Aaron.

We had some more erosion on the embankment from the cold front that came through on 12-25-12.

A strong line of showers was heading toward the jobsite and the crew decided to shut down before the storm hit.

**PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT**

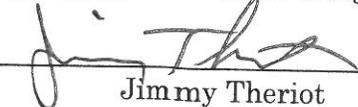
Date: 01-02-13 Contract Day: 77 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Cloudy, high 53° low 42°, 30% rain, winds N @ 12

Working Conditions: Poor windy and rainy Staff Gauge: +0.4

Hours: 10

Signatures:  _____
Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: The marsh buggy completed shaping the embankment from station 183+60 to Structure # 21. He sloped the embankment around structure # 21 and 23. He placed material on the west side of station 23 and it sunk again below the grade.

Aaron set stakes at low spots in the embankment and told the operator to bring these up to grade. There was more erosion on the embankment from the last cold front that passed. Aaron told me that they have a surveyor coming out next week to take cross sections of the embankment.

Aaron set another temporary Bench Mark due to low tides that was causing problem to get to location. He crossed checked the bench mark with benchmarks at structure 21 and 24. The new benchmark is located at a camp located at coordinates N29.33680 W 90.94490. The new benchmark is a bolt in a stump located at N29.36654 W60.94507. These were taken with a hand held GPS Bushnell 200CR.

**PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT**

Date: 01-03-13 Contract Day: 78 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Cloudy, high 53° low 39°, 30% rain, winds NE @ 13

Working Conditions: Good

Staff Gauge: +0.3

Hours: 9.5

Signatures: _____

Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Boat Operator 1

Work in progress this report and/or remarks: The marsh buggy went back and brought embankment back to grade in several low spot. They are 53% completed on the shaping of the embankment.

The bi-weekly meeting was held at 9:00 am at the marina. We took the meeting attendees on a tour of the project area. I pointed out areas that have eroded along the embankment length and went to Structure #23 and pointed out portion of embankment that keeps sliding in and will not hold grade. Mike Mayeux stated that the rip rap has been ordered and delivery expected in Three weeks.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 01-04-13 Contract Day: 79 Job No: 621-006

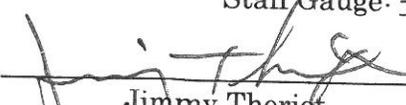
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Partly Cloudy, high 59° low 44°, 0% rain, winds NNE @ 10

Working Conditions: Good

Staff Gauge: +0.3

Hours: 9.5

Signatures: 
Jimmy Theriot

Personnel:

Superintendent _____

Operator 1

Oiler _____

Boat Operator 1

Equipment:

Marsh buggy 1

Boats 1

Work in progress this report and/or remarks: The marsh buggy completed raising the embankment back to grade in the low spots marked by Aaron. He moved back to shaping the levee and completed shaping from station 199+00 to 203+00.

Aaron did not come to the job site today so no surveying was done. The crew is taking off this Saturday and will work Sunday.

The surveyor is scheduled to come out on Monday to start cross sections of the embankment that is completed.

**PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT**

Date: 01-07-13 Contract Day: 82 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

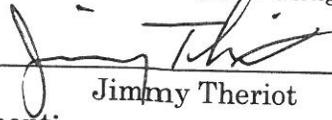
Weather Conditions: Partly Cloudy, high 62° low 50°, 10% rain, winds ENE @ 10

Working Conditions: Good

Staff Gauge: +0.0

Hours: 9.5

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 1
Operator 1
Surveyor 2
Boat Operator 1

Marsh buggy 1
Boats 2

Work in progress this report and/or remarks: The marsh buggy shaped the embankment from station 203+00 to station 208+00 both side and the front to station 211+50.

The surveyor came out today and is surveying the complete sections of the embankment and the embankment near the structures. They are doing cross sections and center line of the embankment. They are having problems doing the survey due to the material being so soft especially near structures # 21 and 23. The material was placed here the end of last week. They still have not gotten the material up to grade at structure 23. The material slides to the rear of the structure.

Aaron stated the rip rap will be delivered on Saturday and they plan on starting to place it at the structures.

Aaron set another TBM to set his equipment near the other one set last week. He went out and staked out more of the embankment area for the Marsh Buggy to work.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 01-08-13 Contract Day: 83 Job No: 621-006

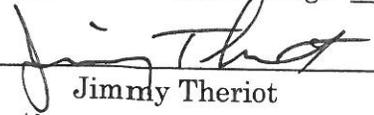
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Partly Cloudy, high 69° low 55°, 60% rain, winds ENE @ 10

Working Conditions: Good early and rain with lightning later Staff Gauge: +0.5

Hours: 10.5

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Surveyor 2

Boat Operator 1

Work in progress this report and/or remarks: The marsh buggy shaped the embankment from station 208+00 to station 215+00 both side and the back to station 211+50. The rain and lightning started and the operator decided to shut down for the day this was at 2:30.

The surveyor came out again they had an airboat meet them and started taking shots on the backside of the embankment and the structures. They also did some additional cross sections at all three structure. They finished the rear with the airboat around noon and started doing some more cross sections then they started having trouble walking the embankment due to being too soft and the rain started they shut down for the day.

I went to the office and discussed the placement of the rocks with Phil to get some guidance. He contacted Adam and was called back by Brian and we discussed the placement of the rock in the soft material and structure # 23 sliding. The slide has to be to grade before and rock can be placed as per Brian and the rocks will have to hold grade till the final inspection is done.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 01-09-13 Contract Day: 84 Job No: 621-006

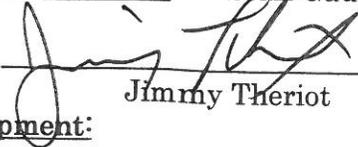
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Cloudy, high 70° low 63°, 50% rain, winds E @ 12

Working Conditions: Poor rain fell overnight wetting the material Staff Gauge: +0.65

Hours: 9.5

Signatures: _____



Jimmy Theriot

Personnel:

Equipment:

Superintendent _____
Operator 1
Surveyor _____
Boat Operator 1

Marsh buggy 1
Boats 1

Work in progress this report and/or remarks: The marsh buggy shaped the embankment to station 215+00 both side and the front from station 215+00 to station 218+40. The marsh buggy went to structure # 23 and placed some more material on the left side of the structure that slid off. He brought it up to grade 5.00 and the material sunk again to the height of the sheet piles 3.00 ± before we left at the end of the day.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 01-14-13 Contract Day: 89 Job No: 621-006

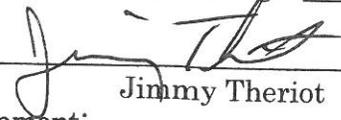
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Cloudy, high 55° low 47°, 50% rain, winds NNE @ 9

Working Conditions: Poor Drizzling and foggy all day Staff Gauge: +1.00

Hours: 12

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 2

Boats 1

Oiler 1

Excavator 2

Boat Operator 1

Work in progress this report and/or remarks: The Marsh buggy continued to work on the embankment from station 173+00 to station 171+00. He is dredging the borrow pit to get enough material to bring embankment to grade.

I met with Phil, Mike Mayeux and Aaron Mayeux at the GSE office. Mike brought in the surveys on the structures. He gave the as built on the embankment at Structure 21 for approval to start placing the rip rap. He also gave the cross sections for structure 23 and 24 to get approval to place rocks at the toe of the embankment. He wants to stabilize the material to stop it from sliding by placing rip rap at the toe of the embankment at the structures 23 and 24. Phil told Mike to draw up what he is proposing and he would submit it to see if it would be approved.

I went out to the job site and they delivered two barges. One with rip rap on it and the other a spud barge both with excavators on them. They took the spud barge and went and remove and replaced the sign pilings. They did not install the signs at this time. They then brought the spud barge back to the lake.

They went out and moved the rock barge in deep water in the canal near the tank battery. Aaron measured the barge and I recorded the measurement on the form provided to me by the office. They then went and attempted to move the barge to structure 21 in preparation of the approval of the survey. The barge got stuck trying to turn in the borrow pit. The water was too shallow for the barge. They worked on this till dark trying to get it moved. We left to come into the landing. The tug was going to keep trying to move the barge. The area they are working in has multiple pipelines in the area so they have to be careful on how they move the barge.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 01-15-13 Contract Day: 90 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

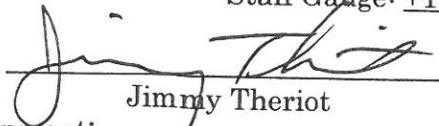
Weather Conditions: Cloudy, high 60° low 43°, 30% rain, winds NNE @ 6

Working Conditions: Poor foggy

Staff Gauge: +1.00

Hours: 11

Signatures: _____



Jimmy Theriot

Personnel:

Equipment:

Superintendent 2
Operator 2
Oiler 1
Boat Operator 1

Marsh buggy 1
Boats 1
Excavator 2

Work in progress this report and/or remarks: I spoke to Phil and asked if the survey got approved to start placing rock at structure 21. He told me it was approved.

They got the rock barge to the structure 21. The crew started placing the fabric at the structure. They then started placing rock on top of the fabric. This was done for the entire day. They used the excavator on the barge to unload and place the rock and the marsh buggy move the rock in to place. I watch to make sure they didn't damage the fabric. All looked good. They unload about 400 tons of rock today.

We took Mike Mayeux to look at Breach 6. We took some water depths and measurement at the dam. He figured that more rock would be needed at this location that what was showed on the plans. He id going to send a letter to Phil on this.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 01-16-13 Contract Day: 91 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Cloudy, high 44° low 46°, 50% rain, winds NNE @ 6

Working Conditions: Poor drizzle fell most of the day

Staff Gauge: +8

Hours: 11.5

Signatures: _____

Jimmy Theriot

Personnel:

Equipment:

Superintendent 2

Marsh buggy 1

Operator 2

Boats 1

Oiler 1

Excavator 2

Boat Operator 1

Work in progress this report and/or remarks: The crew completed placing the rip rap on the right side of structure 21 between station 197+00 and station 197+85. They started on the left side of the structure between station 195+78 and 196+28. They placed the first piece of fabric out and started placing the rock on top. They emptied the rest of the rock off the barge. They moved the barge into the slip where we had measured it full and we measured it empty. I came out with 796 tons of rock on the first barge and this was all placed at structure 21. The barge is going get another load to complete the left side of structure.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

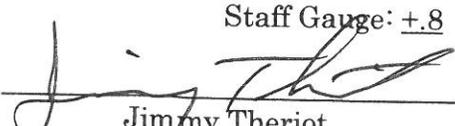
Date: 01-17-13 Contract Day: 92 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear, high 56° low 37°, 10% rain, winds NNW @ 15

Working Conditions: Good

Hours: 12

Signatures:  Staff Gauge: +8
Jimmy Theriot

Personnel:

Superintendent 1
Operator 2
Oiler 1
Boat Operator 1

Equipment:

Marsh buggy 1
Boats 1
Excavator 2

Work in progress this report and/or remarks: Aaron set his survey equipment and started surveying structure 23 and 24 till time to go to Bi weekly meeting.

We met at landing for the bi weekly meeting. We talked about the rock at structures 23 and 24 and also the placement of rock at breach 6. We took a trip to the job site to look at the structures and breach 6.

Aaron got the marsh buggy to start placing material at structure 23 and 24. The surveyors came out to the job site and were taking shots as the marsh buggy placed the material to grade at the structures. At structure 23 the marsh buggy brought the embankment to grade and the surveyor took shots on it. Within 20 min. the material started sinking. Aaron is going to send this survey to get approval to start placing rock on the embankment at the structure. Structure 23 was not at grade before we left the site. I will go back tomorrow to see if it kept sinking.

We were on the way in for the day and we met up with the rock barge in Lake Decade. They are bringing the second load to the lake. We contacted the barge to take measurement on it and found that the water was too shallow to take measurement. We brought the crew in to the landing and unloaded them and their equipment. We went back out and met up with the tug and stopped them in Bayou Decade in deep water and got to take the barge measurement.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 01-18-13 Contract Day: 93 Job No: 621-006

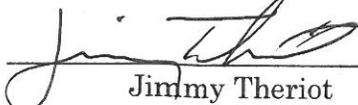
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear, high 62° low 38°, 0% rain, winds NE @ 12

Working Conditions: Good

Staff Gauge: -0.1

Hours: 12

Signatures: 
Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 2

Boats 1

Oiler 1

Excavator 2

Boat Operator 1

Work in progress this report and/or remarks: The barge of rocks made it to structure 21. Aaron placed the fabric for the left side of the structure and started placing rock. This continued all day. The tug boat unhooked from the barge at 4:00 pm and went and hooked to the spud barge and towed it off. Mike Mayeux is going to have another barge come in tomorrow to bring rock to repair breach 6.

I went to structure 23 to see if the material placed yesterday was still sinking. It appeared that it sunk to near what it was before they raised it. I emailed Phil with this information to notify them of the problem. Phil called me and told me that even if the sections were approved if they weren't to grade to stop the placement of the rock. Rob called me and got my email address and will Cc me on emails to keep me in the loop on the approval of the sections.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 01-19-13 Contract Day: 94 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Partly Cloudy, high 66° low 45°, 0% rain, winds NE @ 7

Working Conditions: Good

Staff Gauge: +0.3

Hours: 12

Signatures: _____

Jimmy Theriot

Personnel:

Equipment:

Superintendent 2
Operator 2
Oiler 1
Boat Operator 1

Marsh buggy 1
Boats 1
Excavator 2

Work in progress this report and/or remarks: The crew completed the rip rap at structure # 21. They placed 1467 tons by barge measurement at the structure. They reshaped the levee where the buggy went across.

I noticed that the barge they left at the structure last night didn't have any lights on the barge. I told Aaron that they needed to get lights. Aaron told me that the barge was going to be moved before dark back to get another load for tomorrow.

Barge #FMTA 0902 came in. We measured the barge and it then went to Breach # 6. They got there around 5:00 pm so they pushed it against the bank to be done in the morning. He told me the barge at breach 6 will have lights on it.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 01-20-13 Contract Day: 95 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

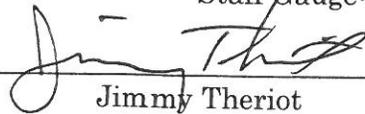
Weather Conditions: Partly Cloudy, high 64° low 53°, 0% rain, winds NE @ 6

Working Conditions: Good

Staff Gauge: N/A

Hours: 6

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy _____

Operator 1

Boats 1

Oiler 1

Excavator 1

Boat Operator 1

Work in progress this report and/or remarks: We went out at 12:00 pm to breach 6. We arrived on site and the crew cut the fabric to be placed in the breach. The operator tried to move the barge into the slip to the breach. The barge draft was deeper than the canal and got stuck. We pushed with the boat and the machine pulled with the bucket and we couldn't get it in place. We put the barge back against the bank for the night. They are getting a tug boat to go and try and move the barge into position. We met the tug on the way out and Aaron went aboard and gave directions to the captain on what he wanted done.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 01-21-13 Contract Day: 96 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

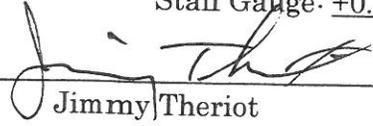
Weather Conditions: Partly Cloudy, high 67° low 44°, 10% rain, winds N @ 7

Working Conditions: Good

Staff Gauge: +0.5

Hours: 11

Signatures: _____



Jimmy Theriot

Personnel:

Equipment:

Superintendent 2
Operator 2
Oiler 1
Boat Operator 1

Marsh buggy 1
Boats 1
Excavator 1

Work in progress this report and/or remarks: I went to the office to bring reports and called the boat at 7:15 am to meet me at the landing. He got to me after 9:00 am. He told me he had to bring the crew to breach 6 and that they had started working. When I got there they had placed the fabric and started placing rock. They had cut the fabric the day before two pieces 15' x 40'. They placed the rock and water was still coming through the rock. I called the office and talked to Clay and he gave me Brian's number. I contacted him to make sure that he knew that the breach was not repaired water tight. He told me that this was ok that it would seal when the silt closes off the cracks. They placed 136 tons of rock in the breach.

We then went to structure 24. They have the spud barge on site and started digging material and placing it on the barge and placing it into the deep spots on the back side of the structure. They placed two loads on the right side and the material disappeared into the water. They went to the left side and placed material behind the sheet pile wall and will have it surveyed to send in for approval. The material they are dredging and placing is real slushy.

They had a surveyor come out around noon. They didn't have the material placed yet so they sent them back in.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 01-22-13 Contract Day: 97 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

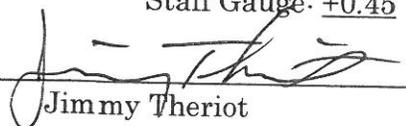
Weather Conditions: Partly Cloudy, high 63° low 45°, 0% rain, winds ENE @ 7

Working Conditions: Good

Staff Gauge: +0.45

Hours: 10

Signatures: _____



Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 2

Boats 1

Oiler 1

Excavator 1

Boat Operator 1

Work in progress this report and/or remarks: The boat brought the crew change and supplies out to the tug boat, Miss Tammy that is being used to move the barges.

The contractor has a spud barge digging the borrow pit and moving the material to the structures. They got the left side of structure 24 surveyed where they placed the material yesterday this will be send to GSE for approval for the rock placement.

The spud barge moved to structure 23 and placed material on the slopes trying to get it to grade. The right side looked close. The surveyor took cross sections. This will be sent to GSE for approval for rock placement. They placed material on the left side at the toe trying to get it to grade. It doesn't appear to be on grade. The surveyor took some shots on it.

The surveyor went and took cross sections on part of the completed levee while waiting for the material to be placed on the embankment at the structures. He also took cross sections on the rip rap placement at structure # 21.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

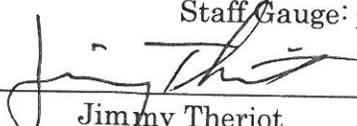
Date: 01-23-13 Contract Day: 98 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear, high 71° low 50°, 0% rain, winds SE @ 6

Working Conditions: Good

Hours: 11

Signatures:  Staff Gauge: +0.6
Jimmy Theriot

Personnel:

Superintendent 1
Operator 2
Oiler 2
Boat Operator 1

Equipment:

Marsh buggy 1
Boats 1
Excavator 2

Work in progress this report and/or remarks: They placed more material at the toe of the levee at structure 23. The cross sections they took yesterday showed a low section on the right side of structure 23 on the toe. They surveyor came back out to shoot another cross section to see if it was to grade. He is going to have it drawn up and sent to the office to get approval for this section. The spud barge and marsh buggy stockpiled more dirt on the left side of the structure to let it dry out to try and bring this section up to grade. This is the location that keeps sliding in. I spoke to Rob about this today. He was going to discuss it with Phil.

Mike told me that they were going to go and start on the rock at structure 24. I didn't receive conformation that this was accepted. I contacted the office and Robert Williams called me back and informed me that both sides of structure 24 had been accepted. The contractor switched excavators on the rock barge today so we re-measured the barge with the new excavator on it. The crew placed the fabric on the left side of structure 24 and started placing rock.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 01-24-13 Contract Day: 99 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

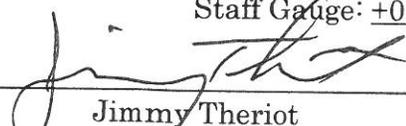
Weather Conditions: Clear, high 73° low 55°, 0% rain, winds WSW @ 7

Working Conditions: Good

Staff Gauge: +0.7

Hours: 12

Signatures: _____



Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 2

Boats 1

Oiler 1

Excavator 2

Boat Operator 1

Work in progress this report and/or remarks: The crew continued to place rock on the left side of the structure. They emptied the Barge FTMA 0902 placing 723 tons of rock. Another barge of rock was delivered to site Barge HD 134 and was measured. They started unloading this barge. They tug took the empty barge from site. This side is about 90% complete.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

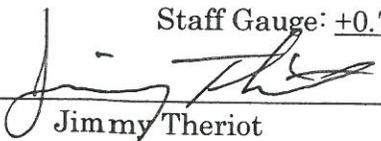
Date: 01-25-13 Contract Day: 100 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear, high 76° low 55°, 0% rain, winds SSW @ 12

Working Conditions: Good

Hours: 12

Signatures:  Staff Gauge: +0.7
Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 2

Boats 1

Oiler 1

Excavator 2

Boat Operator 1

Work in progress this report and/or remarks: We measured the barge and we placed 967 tons of Rocks on the right side of structure 24. The equipment moved to structure 23 to start on the rocks.

I emailed Rob to check to see if Structure 23 was approved to place rocks and asked to make sure that Structure 24 was approved. He emailed me back and said that he didn't get a chance to look at the survey on 23 and that Structure 24 was approved. Mike talked to Rob after this and Rob told him if he felt that the cross sections were built to specs to start on the rocks but it could still be denied. I got an email stating this later in the day and then got an email stating it was approved.

The crew placed the first two sections of Fabric down and started placing rocks on it. We brought Mike back to the landing and when I got back noticed that the rock on the right outside next to the bay had slid down. The contractor placed some more fabric over it to stabilize it and started placing rock. I emailed Rob with this information to inform him of this and didn't get a response today. The rock seems to be holding grade since they done this. I will check it out tomorrow to see if it continue to hold.

Another Barge of rock was delivered barge BV 102. We went out and measured it. I spoke to Mike and told him that we would have to re-measure it once he put his equipment on the barge.

**PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT**

Date: 01-26-13 Contract Day: 101 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

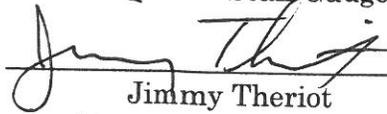
Weather Conditions: Clear skies high 74° low 54°, 20% rain, winds SSW @ 5

Working Conditions: Good

Staff Gauge: +0.9

Hours: 11

Signatures: _____


Jimmy Theriot

Personnel:

Superintendent 2

Operator 2

Oiler 1

Boat Operator 1

Equipment:

Marsh buggy 1

Boats 1

Excavator 2

Work in progress this report and/or remarks: They crew worked on Structure 23 placing rocks on right side of structure. The rock started sliding in toward the center of the structure in the same location they placed the new material yesterday. They emptied barge HD 134 placing 564 tons of rock and brought in barge BV 102 to unload. They had problems getting the barge in place due to the water depth. They got the barge in place and started unloading it. They work up the slope to the crown and were placing rock on the crown and side slopes.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 01-27-13 Contract Day: 102 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

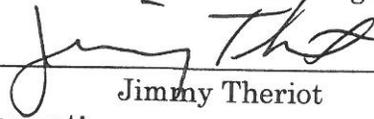
Weather Conditions: Partly Cloudy high 73° low 56°, 10% rain, winds SE @ 10

Working Conditions: Good

Staff Gauge: +0.85

Hours: 13

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 2

Marsh buggy 1

Operator 2

Boats 1

Oiler 1

Excavator 2

Boat Operator 1

Work in progress this report and/or remarks: They completed unloading barge BV 102 on the right side of structure 23. We measured the barge and placed 755 tons of rock. This is a total of 1319 tons on this side of the structure. I received an email from Phil about mid-day tell me to hold off on placing the rocks. The contractor kept placing rocks and was beyond the section that is sliding off. They completed the crown and to the limits of the rip rap section. I am going in to the office to meet with Phil on Monday Morning to discuss the matter.

The tug moved the spud barge to the piling to replace the warning signs in the afternoon. They started replacing the signs and Mike shut them down after the second one due to darkness and safety reasons. They will continue this in the morning.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 01-28-13 Contract Day: 103 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

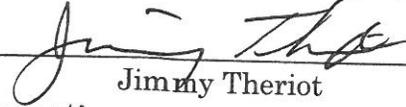
Weather Conditions: Partly Cloudy high 76° low 62°, 10% rain, winds SE @ 10

Working Conditions: Good

Staff Gauge: +1.3

Hours: 10

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 2
Operator 2
Oiler 1
Boat Operator 1

Marsh buggy 1
Boats 1
Excavator 2

Work in progress this report and/or remarks: I brought in my reports and met with Phil on the problems we had with structure 23 sliding in. I gave him pictures and explained what happened. Mike Mayeux told me he was going meet with Phil on this matter today.

The marsh buggy started shaping the embankment from station 173+00 to station 168+00 on the front side. He is to dredging material from the borrow pit to get enough material to get it to grade.

Aaron staked out the embankment ahead of the operator. He was called to go to another job at 10:00 am and left for the day.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 01-29-13 Contract Day: 104 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

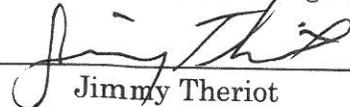
Weather Conditions: Mostly Cloudy high 77° low 64°, 20% rain, winds SSE @ 17

Working Conditions: Good

Staff Gauge: +1.2

Hours: 8.5

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy 1

Operator 1

Boats 1

Oiler 1

Excavator 1

Boat Operator 1

Work in progress this report and/or remarks: The crew had a barge go to the spud barge located by the warning sign post. They completed installing the signs and the barge towed the spud barge off.

The marsh buggy is continuing to shape the embankment. He has completed both sides from station 173+00 to station 168+00.

Aaron completed staking out the embankment ahead of the operator.

Aaron was called to send someone Dulac to meet the tug boat and ride it out to the spud barge located in the HNC to raise the spuds to have it moved. They got our boat to go the HNC to pick up the hand to transport him back to Dulac to get his car. The levee shaping was shut down for the day.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 01-30-13 Contract Day: 105 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

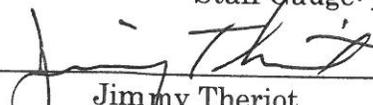
Weather Conditions: Mostly Cloudy 90% rain W 18 to 25 with gust to 38

Working Conditions: Poor

Staff Gauge: +2.00

Hours: 3.5

Signatures: _____



Jimmy Theriot

Personnel:

Equipment:

Superintendent 1
Operator 1
Oiler _____
Boat Operator 1

Marsh buggy 1
Boats 1
Excavator _____

Work in progress this report and/or remarks: The crew decided to take the day off due to a heavy line of rain with possible strong winds and thunder storms coming through.

There was the Bi-monthly meeting held at the boat launch. We discussed the problems with the material holding up at structure 23 & 24 and possible ways to correct the problem. We made a site visit to these locations to look at the problems. Phil requested that the contractor get cross sections done on each of the areas for possibly placing lime stone in place of borrow material. We went and look at the areas completed so far.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 01-31-13 Contract Day: 106 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

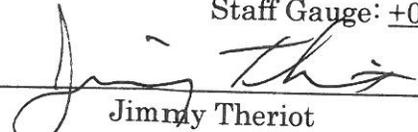
Weather Conditions: Clear skies 0% rain WNW 10 High 62 and low of 39

Working Conditions: Good

Staff Gauge: +0.8

Hours: 9.5

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent _____
Operator 1
Oiler _____
Boat Operator 1

Marsh buggy 1
Boats 1
Excavator _____

Work in progress this report and/or remarks: The marsh buggy is continuing to shape the embankment. He has the front shaped from station 168+00 to station 165+00. He is dredging material from the borrow area to accomplish this.

The front that came through yesterday caused more erosion of the embankment on the project.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 02-1-13 Contract Day: 107 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Partly Cloudy skies 0% rain NNE 9 High 64 and low of 43

Working Conditions: Good

Hours: 8

Personnel:

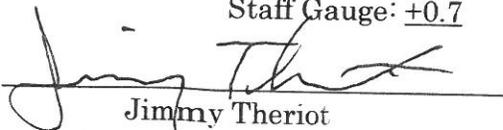
Superintendent _____

Operator 1

Oiler _____

Boat Operator 1

Signatures:


Jimmy Theriot

Staff Gauge: +0.7

Equipment:

Marsh buggy 1

Boats 1

Excavator _____

Work in progress this report and/or remarks: The marsh buggy is continuing to shape the embankment. He shaped the front side of the embankment from station 165+00 to station 158+40.

The surveyor came out today and took cross sections of the rocks placed at structures 21, 23, and 24. They also did cross sections of the completed levee and borrow pit and then left for the day.

I went and met with Dickie at the office to discuss employee interview forms I need to get filled out and to bring my end of month reports.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 02-4-13 Contract Day: 110 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Mostly Cloudy skies 20% rain SSE 9 High 71° low 57°

Working Conditions: Good

Hours: 10

Personnel:

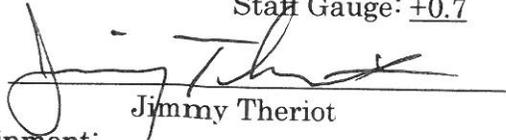
Superintendent _____

Operator _____ 1

Oiler _____

Boat Operator _____ 1

Signatures:


Jimmy Theriot

Staff Gauge: +0.7

Equipment:

Marsh buggy _____ 1

Boats _____ 1

Excavator _____

Work in progress this report and/or remarks: The marsh buggy is continuing to shape the embankment. He got both sides shaped to Station 158+40.

I started to measure the rocks to get the square yards of fabric used. It started raining in the late afternoon.

**PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT**

Date: 02-5-13 Contract Day: 111 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Cloudy skies 50% rain SE 5 High 74° low 54°

Working Conditions: Good

Hours: 10

Personnel:

Superintendent 1

Operator 1

Oiler _____

Boat Operator 1

Signatures: _____

Jimmy Theriot

Staff Gauge: +0.8

Equipment:

Marsh buggy 1

Boats 1

Excavator _____

Work in progress this report and/or remarks: The marsh buggy is continuing to shape the embankment. He shaped the front from Station 158+40 to Station 154+40. He has to dredge material from the borrow pit to get enough material to get levee to grade.

Aaron came out and took cross sections of Structure 23 and 24. He was pushing the rod in the ground in the water to hard bottom. I asked him why and he said that if they place lime stone in these area that this material would be pushed out and the lime stone would replace it.

Brian and Adam came out to the job site and looked at the structures. He was going meet with Phil at the GSE office to discuss Structure 23 rock placement.

**PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT**

Date: 02-6-13 Contract Day: 112 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

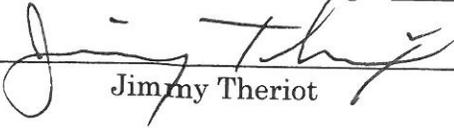
Weather Conditions: Cloudy skies 20% rain E 10 High 72° low 60° dense fog

Working Conditions: Good

Staff Gauge: +1.00

Hours: 10

Signatures: _____


Jimmy Theriot

Personnel:

Equipment:

Superintendent _____

Marsh buggy 1

Operator 1

Boats 1

Oiler _____

Excavator _____

Boat Operator 1

Work in progress this report and/or remarks: The marsh buggy is continuing to shape the embankment. He shaped the front from Station 154+40 to Station 150+40. He has to dredge material from the borrow pit to get enough material to get levee to grade.

**PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT**

Date: 02-7-13 Contract Day: 113 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

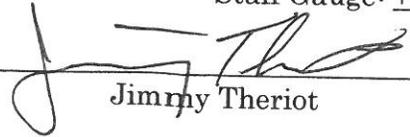
Weather Conditions: Clear skies 30% rain NE 7 High 75° low 56°

Working Conditions: Good

Hours: 9

Staff Gauge: +1.50

Signatures: _____


Jimmy Theriot

Personnel:

Superintendent _____

Operator 1

Oiler _____

Boat Operator 1

Equipment:

Marsh buggy 1

Boats 1

Excavator _____

Work in progress this report and/or remarks: The marsh buggy is continuing to shape the embankment. He shaped front and back up to station 150+40. He shaped the front from station 150+40 to station 148+10. He has to dredge material from the borrow pit to get enough material to get levee to grade.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 02-11-13 Contract Day: 117 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

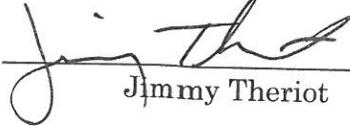
Weather Conditions: Cloudy skies 100% rain NE 15 High 69° low 56° light rain fell all day

Working Conditions: Poor

Staff Gauge: +1.60

Hours: 9

Signatures: _____


Jimmy Theriot

Personnel:

Superintendent _____

Operator 1

Oiler _____

Boat Operator 1

Equipment:

Marsh buggy 1

Boats 1

Excavator _____

Work in progress this report and/or remarks: The marsh buggy is continuing to shape the embankment. He shaped the both sides of the embankment from station 144+25 to Station 139+99. He has to dredge material from the borrow pit to get enough material to get levee to grade.

The Surveyor came out on Saturday to pick up shots missed on previous survey done.

It rained all day and the Marsh buggy continued to work through it.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 02-12-13 Contract Day: 118 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

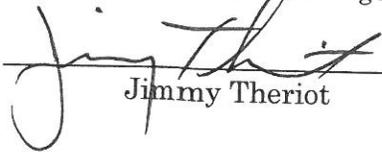
Weather Conditions: Cloudy skies 60% rain ENE 12 High 71° low 60

Working Conditions: Good

Staff Gauge: +1.40

Hours: 8

Signatures: _____


Jimmy Theriot

Personnel:

Superintendent _____

Operator 1

Oiler _____

Boat Operator 1

Equipment:

Marsh buggy 1

Boats 1

Excavator _____

Work in progress this report and/or remarks: The marsh buggy is continuing to shape the embankment. He shaped the both sides of the embankment from station 139+99 to Station 138+00. He completed this section of embankment and will move to the west end of the lake to work on the last section of embankment.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

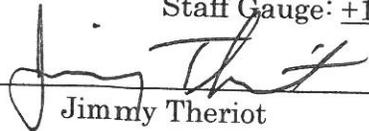
Date: 02-13-13 Contract Day: 119 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Cloudy skies 50% rain NW 13 High 59° low 43

Working Conditions: Good

Hours: 10

Signatures:  Staff Gauge: +1.40
Jimmy Theriot

Personnel:

Superintendent 1

Operator 1

Oiler _____

Boat Operator 1

Equipment:

Marsh buggy 1

Boats 1

Excavator _____

Work in progress this report and/or remarks: The marsh buggy completed the shaping of the embankment on Thursday.

Aaron came out to take elevations of low spots of the embankment. He set his equipment up and was unable to get any elevation due to equipment malfunction. He got the boat to bring him to the landing and left for the day.

I took off February 14 and 15. I received a call from Dickie on the February 15 about a pay request. I worked on the measurements of the fabric and will meet with Dickie on Monday to discuss it.

**PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT**

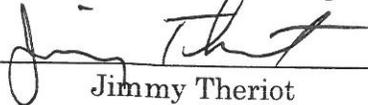
Date: 02-18-13 Contract Day: 124 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Cloudy skies 40% rain SSE 14 High 64° low 45

Working Conditions: Good

Hours: 2

Signatures:  Staff Gauge:
Jimmy Theriot

Personnel:

Superintendent _____

Operator _____

Oiler _____

Boat Operator _____

Equipment:

Marsh buggy _____

Boats _____

Excavator _____

Work in progress this report and/or remarks: I was called over the weekend to go to the office to meet on the pay request. I went in met with Dickie and went over items for the request. I then left the office. I went home and worked some more on the fabric report. I was called again and had to work on my mileage sheets. They requested maps of the miles turned in on my reports. I made maps and emailed them to Karen at the office.

I receive a voice mail from Mike Mayeux about the measurements of fabric I had measured and that the surveyor will be going out Wednesday morning to take some more cross sections.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

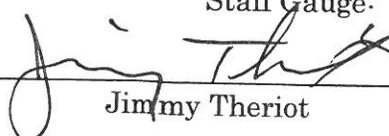
Date: 02-19-13 Contract Day: 125 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Partly cloudy skies 10% rain N 17 High 66° low 45

Working Conditions: Good

Hours: 2

Staff Gauge:
Signatures: 
Jimmy Theriot

Personnel:

Superintendent _____

Operator _____

Oiler _____

Boat Operator _____

Equipment:

Marsh buggy _____

Boats _____

Excavator _____

Work in progress this report and/or remarks: Dickie called me into the office to sign the pay request. While there he asked me to place the formulas on the barge measurement reports and reprint them. I worked on the reports and changed them and printed them. I worked on my daily reports and mileage reports.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 02-20-13 Contract Day: 126 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

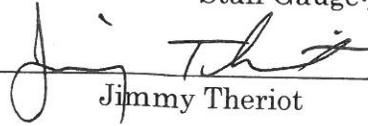
Weather Conditions: Cloudy skies 10% rain NE 19 High 62° low 51°

Working Conditions: Good

Staff Gauge: +0.45

Hours: 11

Signatures: _____


Jimmy Theriot

Personnel:

Superintendent 1

Surveyor's 2

Oiler _____

Boat Operator 1

Equipment:

Marsh buggy _____

Boats 2

Excavator _____

Work in progress this report and/or remarks: The surveyor's came out and took cross sections from station 105+80 to station 112+60, 138+00 to station 173+00. They also took cross sections of the embankment on the left side of structure 23 and the back side of structure 24 where the rocks are to be placed.

Mike had me take a picture of the embankment to get the offices opinion on what will be acceptable once they start replacing the embankment toes. He is holding off on the toe repair and rocks till he gets a reply on a letter he sent to GSE office regarding these matters.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 02-26-13 Contract Day: 132 Job No: _____

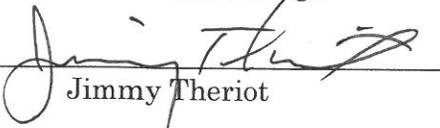
Job Name: Office

Weather Conditions: Clear skies 0% rain NE 19 High 61° low 43°

Working Conditions: Good

Hours: 2

Staff Gauge: _____

Signatures: 
Jimmy Theriot

Personnel:

Superintendent _____

Surveyor's _____

Oiler _____

Boat Operator _____

Equipment:

Marsh buggy _____

Boats _____

Excavator _____

Work in progress this report and/or remarks: I went into the office and spoke to Dickie on Monday about problems I am experiencing trying to access the web site to input my timesheet. He told me to meet with Jon Paul. I spoke to him and he told me to bring the computer in so he could check it. Dicke called me today to see if I had put my time in so I came into the office and got the computer checked out. Jon Paul was unable to get it to access the site so he found me another computer and set me up on that one to do my time and expense sheets.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 02-28-13 Contract Day: 134 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

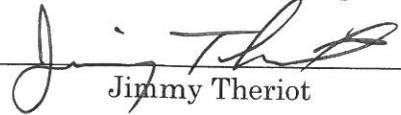
Weather Conditions: Partly Cloudy skies 0% rain NNW 8 High 62° low 40°

Working Conditions: Good

Staff Gauge: 7.5

Hours: 4

Signatures: _____


Jimmy Theriot

Personnel:

Superintendent 1

Surveyor's _____

Oiler _____

Boat Operator 1

Equipment:

Marsh buggy _____

Boats 1

Excavator _____

Work in progress this report and/or remarks: Had the bi weekly meeting at the marina. In the meeting we discussed a letter dated February 18, 2013 addressed to Mike Mayeux stating that I will inspect the embankment on a station to station basis to final acceptance for the embankment. As-built will still be required and all I am accepting is what can be seen above water. We made a site visit on the project area. From the site visit I am approving the embankment from station 105+80 to station 112+60. The slopes and elevations and slopes appear to meet plan design.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 03-13-13 Contract Day: 147 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

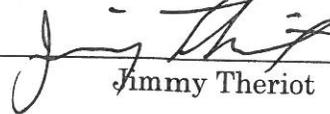
Weather Conditions: Clear skies 0% rain N 12 High 68° low 44°

Working Conditions: Good

Staff Gauge: +1.00

Hours: 10.5

Signatures: _____


Jimmy Theriot

Personnel:

Superintendent 1

Operator 3

Laborer 2

Boat Operator 1

Equipment:

Marsh buggy 1

Boats 1

Excavator 1

Work in progress this report and/or remarks: The crew went out and placed the fabric at structure # 24. A barge load of rocks were on site when we arrived at Structure # 24. I received an email from Phil advising me that the barge tables were approved. We measured the barge and they started unloading rocks. At 12:50 the barge drifted out from the embankment. The fabric was tied to the barge and pulled the fabric and the rocks into the lake. Mike stretched out the fabric that slipped and placed another piece over the hold section and started placing rock again. When the rocks slipped it did move the sign slightly toward the center of the structure.

I got the crew to start filling out the employee interview forms and will complete these tomorrow.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 03-14-13 Contract Day: 148 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

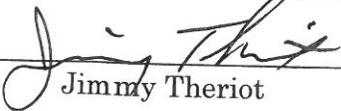
Weather Conditions: Clear skies 0% rain ENE 12 High 67° low 47°

Working Conditions: Good

Staff Gauge: +55

Hours: 9.5

Signatures: _____


Jimmy Theriot

Personnel:

Superintendent 1

Operator 3

Laborer 2

Boat Operator 1

Equipment:

Marsh buggy 1

Boats 1

Excavator 1

Work in progress this report and/or remarks: The completed the placing of the rock at structure # 24. They placed a total of 905 tons of rock on the right side of the structure. They moved the barge to structure # 23. The crew placed fabric down and finished unloading the rocks on the barge at the structure. They placed 78 tons at structure #23.

The bi weekly meeting was held this morning and made a trip to look at the project. They discussed the erosion and how it would be addressed. Rob is going to put a letter together and get it to me.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 03-15-13 Contract Day: 149 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

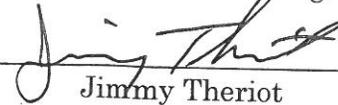
Weather Conditions: Clear skies 0% rain SW 8 High 75° low 44°

Working Conditions: Good

Staff Gauge: +1.8

Hours: 10.5

Signatures: _____


Jimmy Theriot

Personnel:

Superintendent 1

Operator 2

Laborer 1

Boat Operator 1

Equipment:

Marsh buggy 1

Boats 1

Excavator _____

Work in progress this report and/or remarks: I meet with Mike Mayeux at the marina and discussed change order # 1 for the erosion of the embankment. The change order stated that the material is to be placed in areas where erosion came within 15 feet of the breakpoint of the crown. I contacted Phil to clarify this. He explained it to me and it was the way that Mike and I discussed. The crew went out and placed stakes at 15' from the lake side edge of the crown. The marsh buggy started placing the material back at these locations. He starts from the edge of the rocks at station 256+44 ± to station 269+00 ±. The marsh buggy worked on this section from 9:00 am to 5:00 pm. They got a late start because they had to wait at the marina for one of the crew members to bring the flags to be placed on the embankment. The crew was on site at the marina at 7:00 am. The crew flagging the embankment worked placing flags from 9:00am to 12:30pm.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 03-16-13 Contract Day: 150 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

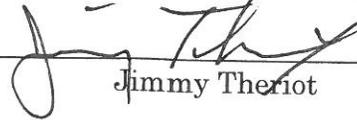
Weather Conditions: Clear skies 0% rain SSW 9 High 77° low 58°

Working Conditions: Good

Staff Gauge: + .9

Hours: 11

Signatures: _____


Jimmy Theriot

Personnel:

Superintendent 1

Operator 3

Laborer 2

Boat Operator 1

Equipment:

Marsh buggy 1

Boats 1

Excavator 2

Work in progress this report and/or remarks: The barge with the rocks was on site at structure # 23 upon arrival to jobsite. We moved the barge into deep water and measured it. The crew completed spreading out the fabric and placed the rock on the left side of the structure. We measured the empty barge. They unloaded 821 tons of rocks from the barge.

Once they finished placing the rocks they moved the barge near the sign that was leaned over when the rocks on the right side of the structure had slid. They tried pushing the sign back straight. The sign would not stay straight. They tried several times and stopped before they broke the piling.

One of the crew went out and started taking cross sections of the levee at station 269+00 where the marsh buggy stopped repairing the erosion. He was taking shots of the top of the levee at the drop off of the erosion and at the bottom of the erosion and at 20' from the centerline of the levee. This is the area they are going to be repairing.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 03-17-13 Contract Day: 151 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

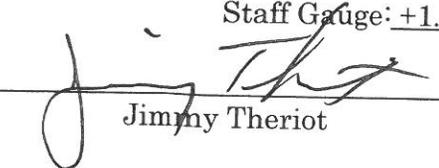
Weather Conditions: Cloudy 20% rain SSE 8 High 78° low 64°

Working Conditions: Fair

Staff Gauge: +1.00

Hours: 11

Signatures: _____


Jimmy Theriot

Personnel:

Superintendent _____

Operator _____ 1

Laborer _____

Boat Operator _____ 1

Equipment:

Marsh buggy _____ 1

Boats _____ 1

Excavator _____

Work in progress this report and/or remarks: The marsh buggy fixed the levee around structure 23 from the placement of the rocks. He replaced the material from station 238+00 to 249+35. He then went back and replaced material from station 269+00± to station 274+00±. These sections of embankment have been completed as described in change order # 1.

I went out and measured the rocks at structure 23 left side and 24 right side that was placed this week to get a Square yards of the fabric placed.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 03-18-13 Contract Day: 152 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

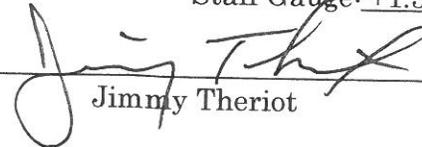
Weather Conditions: Cloudy 20% rain S 12 High 80° low 59°

Working Conditions: Good

Hours: 11

Staff Gauge: +1.3

Signatures: _____


Jimmy Theriot

Personnel:

Superintendent _____
Operator _____ 1 _____
Laborer _____ 1 _____
Boat Operator _____ 1 _____

Equipment:

Marsh buggy _____ 1 _____
Boats _____ 1 _____
Excavator _____

Work in progress this report and/or remarks: The Marsh Buggy continued to replaced material from station 274+00± to station 287+00±. These sections of embankment have been completed as described in change order # 1.

One of Southern Delta's crew members came out today and marked the embankment that needs to be replaced. He marked everything except from station 138+00 to station 173+00. This is the location that Rob and Adam agreed that was acceptable on the last bi weekly meeting and from station 106+00 to 112+60. This area did not experience any erosion.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 03-20-13 Contract Day: 154 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

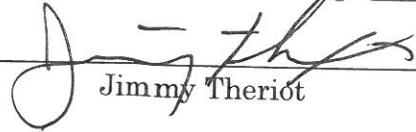
Weather Conditions: Cloudy 50% rain N 17 High 70° low 48°

Working Conditions: Good

Staff Gauge: +1.00

Hours: 10.5

Signatures: _____


Jimmy Theriot

Personnel:

Superintendent _____

Operator _____ 1

Laborer _____

Boat Operator _____ 1

Equipment:

Marsh buggy _____ 1

Boats _____ 1

Excavator _____

Work in progress this report and/or remarks: The Marsh Buggy continued to replaced material from station 292+69± to station 300+00±. These sections of embankment have been completed as described in change order # 1.

I saw a large crew boat come in the lake and ran around to a drilling rig in the lake. He ran alongside of the embankment around the north side of the lake near stations 172+00 to where the well is located near station 154+00. I went out and found that the embankment has eroded back with a couple of spots getting near the crown area. We rode this area during our Bi-weekly meeting. Both Rob and Adam said that they would accept thi9s section of embankment. I took a video of the area. Once you pass the well the levee has not had any further erosion. I will bring a copy of the video to Phil to view.

**PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT**

Date: 03-21-13 Contract Day: 155 Job No: 621-006

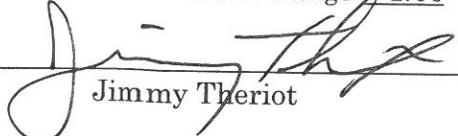
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Partly Cloudy 0% rain ENE 10 High 69° low 44°

Working Conditions: Good

Hours: 10.5

Staff Gauge: +1.00

Signatures: 
Jimmy Theriot

Personnel:

Superintendent _____

Operator _____ 1

Laborer _____

Boat Operator _____ 1

Equipment:

Marsh buggy _____ 1

Boats _____ 1

Excavator _____

Work in progress this report and/or remarks: The Marsh Buggy continued to replaced material from station 300+00± to station 303+62± and from station 184+00 to 191+50. These sections of embankment have been completed as described in change order # 1.

I contacted Phil about the erosion of the embankment from station 172+00 to station 154+00 that appears to be from the boat traffic going to the drilling rig on the side of the embankment. He told me that if it was accepted that we are not going to require the contractor to rebuild it. He stated that Adam was going to contact Apache to get the crew boat to slow down along the levee.

**PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT**

Date: 03-22-13 Contract Day: 156 Job No: 621-006

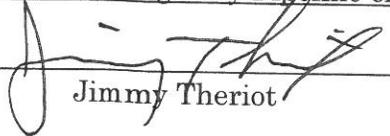
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Partly Cloudy 20% rain SSE 11 High 77° low 65°

Working Conditions: Good Staff Gauge: N/A gauge was damaged by Pipeline crew

Hours: 10.5

Signatures: _____


Jimmy Theriot

Personnel:

Superintendent _____

Operator _____ 1

Laborer _____

Boat Operator _____ 1

Equipment:

Marsh buggy _____ 1

Boats _____ 1

Excavator _____

Work in progress this report and/or remarks: The Marsh Buggy continued to replaced material from station 191+50± to station 202+20±. These sections of embankment have been completed as described in change order # 1.

The Staff Gauge was damaged by the pipeline crew working near Jug Lake. I was not able to get an elevation.

**PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT**

Date: 03-23-13 Contract Day: 157 Job No: 621-006

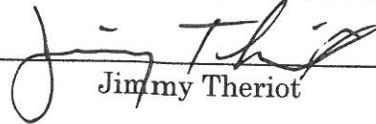
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Cloudy 30% rain E 10 High 80° low 69°

Working Conditions: Good Staff Gauge: N/A gauge was damaged by Pipeline crew

Hours: 10

Signatures: _____


Jimmy Theriot

Personnel:

Superintendent _____

Operator _____ 1

Laborer _____

Boat Operator _____ 1

Equipment:

Marsh buggy _____ 1

Boats _____ 1

Excavator _____

Work in progress this report and/or remarks: The Marsh Buggy continued to replaced material from station 202+20± to station 207+65±. These sections of embankment have been completed as described in change order # 1.

The embankment is starting to erode again due to high winds in the lake. I spoke to Apache and he told me that they spoke to the people drilling in the lake to slow the boats down when passing the embankment.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 03-24-13 Contract Day: 158 Job No: 621-006

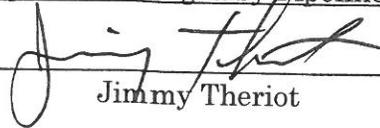
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Cloudy 20% rain NW 20 with gust to 45 High 70° low 41°

Working Conditions: Good Staff Gauge: N/A gauge was damaged by Pipeline crew

Hours: 6

Signatures: _____


Jimmy Theriot

Personnel:

Superintendent _____

Operator _____ 1

Laborer _____

Boat Operator _____ 1

Equipment:

Marsh buggy _____ 1

Boats _____ 1

Excavator _____

Work in progress this report and/or remarks: The Marsh Buggy continued to replaced material from station 207+65± to station 211+50±. These sections of embankment have been completed as described in change order # 1.

We were under a severe wind advisory today. The operated shut it down at Twelve o'clock due to the approaching weather.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 03-25-13 Contract Day: 159 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear 0% rain N 22 High 63° low 38°

Working Conditions: Good Staff Gauge: N/A gauge was damaged by Pipeline crew

Hours: 12

Signatures: _____


Jimmy Theriot

Personnel:

Superintendent 1

Operator 1

Laborer 6

Boat Operator 1

Equipment:

Marsh buggy 1

Boats 1

Excavator _____

Work in progress this report and/or remarks: The Marsh Buggy continued to replaced material from station 211+50± to station 218+00± and from station 242+30 to 247+30±. These sections of embankment have been completed as described in change order # 1.

A five man crew came out to day. One was measuring the embankment to figure out the acreage for the seed and fertilizer to be place and the other crew started spreading the seed and fertilizer. They used a four wheeler with a seed spreader for the fertilizer and two had spreaders that hold 25 pounds of seed at a time to spread the seed. They place seed and fertilizer from station 105+43 to station 112+80, station 137+65 to station 173+00. They started at station 256+94 and will continue from here in the morning.

The surveyor came out and took cross sections of the rocks at the left side of structure 23 and right side of 24.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 03-26-13 Contract Day: 160 Job No: 621-006

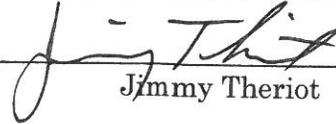
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear 0% rain N 18 High 60° low 39°

Working Conditions: Good Staff Gauge: N/A gauge was damaged by Pipeline crew

Hours: 13

Signatures: _____


Jimmy Theriot

Personnel:

Superintendent 1

Operator 1

Laborer 6

Boat Operator 1

Equipment:

Marsh buggy 1

Boats 1

Excavator _____

Work in progress this report and/or remarks: The Marsh Buggy continued to replaced material from station 247+30 to station 254+73. This completes the replacement of material to the embankment as specified in change order # 1.

I worked on the reports for the seed and fertilizer acreage and amounts, the fabric dimensions, and hours worked on the change order #1. I will get this information to Phil at the final inspection meeting tomorrow.

The crew completed placing seed and fertilizer as follows:

Begin Station	End Station	Length	Width	Description	Square Feet	Acres	Applied	Applied	Applied	Required	Required	Required
							Bermuda	Millet	Fertilizer	Bermuda	Millet	fertilizer
10543	11280	737	65.63	Front lake on Bayou	48369.31	1.1	15	35	250	13.32	33.31219697	222.0813131
13773	17331	3558	48.80	signs to tank battery	173630.40	4.0	48	120	800	47.83	119.5801653	797.2011019
18334	19578	1244	51.62	Tank battery to struc. 21	64215.28	1.5	18	45	300	17.69	44.22539945	294.8359963
19785	21883	2098	54.54	Struc. 21 to end at dog leg	114424.92	2.6	33	81	550	31.52	78.80504132	525.3669421
23760	24035	275	43.25	End of levee to struc. 23	11893.75	0.3	4	9	60	3.28	8.191287879	54.60858586
24230	25460	1230	60.88	Struc. 23 to struc. 24	74882.40	1.7	18	65	300	20.63	51.57190083	343.8126722
25694	30350	4656	47.68	Struc. 24 to Bayou Decade	221998.08	5.1	75	150	1050	61.16	152.8912397	1019.274931
Totals					709414.14	16.3	211	505.00	3310.00	195.43	488.58	3257.18

We brought Mike Mayeux to the landing around 11:00 am and on the way back to the job site one of the motors on the boat went out. We had to run to the jobsite with one engine and it took two hours to get back to the landing.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 03-27-13 Contract Day: 161 Job No: 621-006

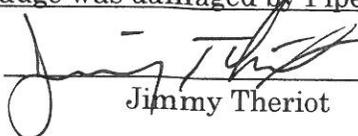
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Clear 0% rain NE 13 High 64° low 41°

Working Conditions: Good Staff Gauge: N/A gauge was damaged by Pipeline crew

Hours: 3

Signatures: _____


Jimmy Theriot

Personnel:

Superintendent 1

Operator _____

Laborer 1

Boat Operator 1

Equipment:

Marsh buggy _____

Boats 1

Excavator _____

Work in progress this report and/or remarks: The Bi-weekly meeting was held at the landing and was combined with the final inspection. They discussed the change order and field change at the meeting. Mike Mayeux had not signed them as of yet.

We went out to the job site and did an inspection of the structures, the embankment, the sign placement and breach # 6. Adam informed him the punch list would include the trimming of the fabric at the structures and the sign at structure 23 would need to be straightened out. The punch list could be added to if the field change and change order is not signed.

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 03-27-13 Revised Report Contract Day: 161 Job No: 621-006

Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

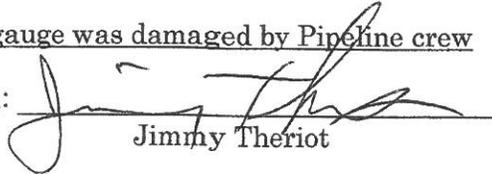
Weather Conditions: Clear 0% rain NE 13 High 64° low 41°

Working Conditions: Good

Staff Gauge: N/A gauge was damaged by Pipeline crew

Hours: 3

Signatures:


Jimmy Theriot

Personnel:

Equipment:

Superintendent 1

Marsh buggy

Operator

Boats 1

Laborer 1

Excavator

Boat Operator 1

Work in progress this report and/or remarks: The Bi-weekly meeting was held at the landing and was combined with the final inspection. They discussed the change order and field change at the meeting. Mike Mayeux had not signed them as of yet.

We went out to the job site and did an inspection of the structures, the embankment, the sign placement and breach # 6. Adam informed him the punch list would include the trimming of the fabric at the structures and the sign at structure 23 would need to be straightened out. The punch list could be added to if the field change and change order is not signed.

Revised on 4/29/13, the following people were present for the final inspection.

Mike Mayeux and Tyran Holmes with Southern Delta Construction

Phil Schexnayder and Jimmy Theriot with GSE

Adam Ledet with DNR

Brian Hebert Froggco

PROVIDENCE/GSE ASSOCIATES, LLC
PROJECT PROGRESS REPORT

Date: 05/16/13 Contract Day: Meeting Job No: 621-006

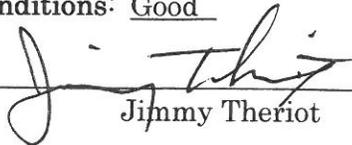
Job Name: Brady Canal Hydrologic Restoration 2012 Maintenance

Weather Conditions: Mostly Cloudy Skies w/20% rain S@12 High 81° low 70

Working Conditions: Good

Hours: 6

Signatures:


Jimmy Theriot

Meeting Attendance	Company
<u>Brian Babin</u>	<u>CPRA-TRO</u>
<u>John Monzon</u>	<u>CPRA-Baton Rouge</u>
<u>Phil Schexnayder</u>	<u>Providence/ GSE</u>
<u>Adam Ledet</u>	<u>CPRA-TRO</u>
<u>Dan Fordice</u>	<u>Southern Delta Construction</u>
<u>Mike Mayeux</u>	<u>Southern Delta Construction</u>
<u>Robert Williams</u>	<u>Providence/ GSE</u>
<u>Jimmy Theriot</u>	<u>Providence/GSE</u>
<u>Richard Lottinger</u>	<u>Providence/GSE</u>

Work in progress this report and/or remarks: Mike Mayeux set up a meeting with CPRA to go over Brady Canal Restoration Project Items. Brian Babin started the meeting off by asking mike what his concerns were. Mr. Mayeux then addressed the redressing of the embankment and requested additional money to cover the cost. He stated that the amount he is requesting at this time was the actual cost for redressing of the toe of the embankment. Mike said that this work was due to a change in the contract and that he should receive compensation for it. Brian asked him about the change. The work he is referring to was in the form of a change order that Mike stated in the meeting that he did not and was not going to sign. So there was no change order approved for work he is requesting payment for. Mike went on to say that the embankment didn't have to be built to specifications design at the final inspection according to specs. That he had built it to design and had it surveyed and that this should have met specifications for final approval. Brian read the specs and disagreed with Mike stating that the specs state that the embankment had to meet crown and slope as per specs at the final inspection. Mike said that he could not build the embankment according to the specs as they were written.

Mike went on to say that he was never told that Providence/GSE was the engineer of the project. Brian came back and said that Providence/GSE was the engineer and this was stated in the pre bid meeting.

Second complaint: Mike stated that the rocks at structure 23 could not be built according to specifications and that this held up his work causing him to have to unload the rocks from the barges and he wants to be compensated for this.

Mike was asked what was next complaint and he brought up the change order again for the redressing the toe to 15' from the crown and an additional 30 days to the contract. Again Brian brought up the change order that was not signed and this change order was pulled.

Mike talked several times about he was not receiving answers to any of his letters from the owner or Providence/GSE. Brian had put together a list of letters and dates of letters that were sent and received and read these off to Mike. Mike had no paper work to back his claim on what letters were not answered.

After the meeting we got together and Brian asked Providence/GSE to take the time line he put together and get all reports match them up with the letters and go through the specifications and address each claim Mike made to settle this. Brian told Mike that he would get a letter out with their decision.

I got back to the office and pull all my reports and spread sheets and gave them to Robert Williams P.E. (Providence/GSE) to put a letter together on this matter. Robert will send a draft of the letter to Brian to review.

ATTACHMENT “N”

Original Point File

JUG LAKE ORIGINAL POINTS FILE

PT#	NORTHING	EASTING	ELEV.	DESCRIPTION
1002	319467.916	3407834.035	-0.596	240+35.00 L100.00
1003	319467.977	3407832.955	-0.579	240+35.00 L98.92
1004	319469.291	3407809.435	-0.686	240+35.00 L75.36
1005	319469.724	3407801.692	-0.621	240+35.00 L67.61
1006	319470.169	3407793.736	-0.702	240+35.00 L59.64
1007	319471.154	3407776.104	-0.350	240+35.00 L41.98
1008	319471.984	3407761.253	-0.838	240+35.00 L27.10
1009	319472.973	3407743.561	0.089	240+35.00 L9.38
1010	319473.516	3407733.844	-0.246	240+35.00 R0.35
1011	319474.055	3407724.207	-0.493	240+35.00 R10.00
1012	319475.108	3407705.354	-0.976	240+35.00 R28.88
1013	319475.120	3407705.150	-0.971	240+35.00 R29.09
1014	319475.146	3407704.683	-0.996	240+35.00 R29.55
1015	319475.709	3407694.605	-1.162	240+35.00 R39.65
1016	319475.722	3407694.371	-1.180	240+35.00 R39.88
1017	319475.741	3407694.042	-1.227	240+35.00 R40.21
1018	319476.363	3407682.901	-2.612	240+35.00 R51.37
1019	319476.495	3407680.555	-2.600	240+35.00 R53.72
1020	319476.990	3407671.682	-3.191	240+35.00 R62.61
1021	319477.218	3407667.608	-3.210	240+35.00 R66.69
1022	319478.004	3407653.540	-3.862	240+35.00 R80.78
1023	319478.366	3407647.073	-3.868	240+35.00 R87.25
1024	319478.720	3407640.730	-3.826	240+35.00 R93.61
1025	319479.097	3407633.999	-3.825	240+35.00 R100.35
1026	319479.349	3407629.481	-3.852	240+35.00 R104.87
1027	319479.656	3407624.000	-3.855	240+35.00 R110.36
1028	319479.966	3407618.452	-3.838	240+35.00 R115.92
1029	319480.299	3407612.479	-3.730	240+35.00 R121.90
1030	319480.647	3407606.259	-3.713	240+35.00 R128.13
1031	319481.071	3407598.681	-3.665	240+35.00 R135.72
1032	319481.272	3407595.085	-3.702	240+35.00 R139.32
1033	319481.712	3407587.200	-3.684	240+35.00 R147.22
1034	319481.905	3407583.754	-3.689	240+35.00 R150.67
1035	319482.387	3407575.133	-3.677	240+35.00 R159.31
1036	319482.554	3407572.148	-3.631	240+35.00 R162.30
1037	319483.034	3407563.562	-3.513	240+35.00 R170.90
1038	319483.703	3407551.586	-3.639	240+35.00 R182.89
1039	319483.739	3407550.934	-3.633	240+35.00 R183.54
1040	319483.770	3407550.390	-3.639	240+35.00 R184.09
1041	319484.113	3407544.243	-3.626	240+35.00 R190.24
1042	319484.356	3407539.904	-3.617	240+35.00 R194.59
1043	319484.374	3407539.570	-3.611	240+35.00 R194.92
1044	319484.394	3407539.226	-3.607	240+35.00 R195.27
1045	319484.985	3407528.647	-3.429	240+35.00 R205.86
1046	319485.501	3407519.409	-3.271	240+35.00 R215.12
1047	319485.604	3407517.577	-3.293	240+35.00 R216.95
1048	319485.722	3407515.457	-3.297	240+35.00 R219.08
1049	319486.218	3407506.591	-3.445	240+35.00 R227.95

1101	319471.198	3407724.379	-0.499	240+40.40 R10.00
1102	319477.562	3407704.777	-0.983	240+40.40 R30.61
1103	319482.250	3407690.338	-1.893	240+40.40 R45.79
1104	319483.312	3407687.067	-2.030	240+40.40 R49.23
1105	319483.792	3407685.588	-2.210	240+40.40 R50.78
1106	319483.843	3407685.430	-2.207	240+40.40 R50.95
1107	319487.142	3407675.270	-2.860	240+40.40 R61.63
1108	319487.384	3407674.524	-2.858	240+40.40 R62.42
1109	319493.570	3407655.469	-3.726	240+40.40 R82.45
1110	319495.710	3407648.879	-3.716	240+40.40 R89.38
1111	319497.015	3407644.859	-3.714	240+40.40 R93.61
1112	319504.010	3407623.313	-3.646	240+40.40 R116.26
1113	319504.111	3407623.000	-3.649	240+40.40 R116.59
1114	319508.291	3407610.126	-3.597	240+40.40 R130.12
1115	319511.191	3407601.195	-3.702	240+40.40 R139.51
1116	319511.285	3407600.904	-3.701	240+40.40 R139.82
1117	319511.379	3407600.615	-3.702	240+40.40 R140.12
1118	319515.236	3407588.734	-3.721	240+40.40 R152.61
1119	319515.350	3407588.383	-3.730	240+40.40 R152.98
1120	319519.447	3407575.764	-3.524	240+40.40 R166.25
1121	319519.578	3407575.362	-3.513	240+40.40 R166.67
1122	319523.174	3407564.284	-3.375	240+40.40 R178.32
1123	319523.301	3407563.893	-3.379	240+40.40 R178.73
1124	319526.972	3407552.585	-3.484	240+40.40 R190.62
1125	319530.362	3407542.143	-3.319	240+40.40 R201.60
1126	319530.478	3407541.787	-3.323	240+40.40 R201.97
1127	319533.940	3407531.123	-3.303	240+40.40 R213.19
1128	319537.793	3407519.257	-3.167	240+40.40 R225.66
1129	319537.850	3407519.081	-3.158	240+40.40 R225.85
1130	319537.918	3407518.869	-3.167	240+40.40 R226.07
1131	319537.999	3407518.620	-3.160	240+40.40 R226.33
1132	319541.464	3407507.948	-2.967	240+40.40 R237.55
1133	319544.260	3407499.336	-3.178	240+40.40 R246.61
1134	319544.373	3407498.987	-3.176	240+40.40 R246.97
1135	319547.869	3407488.219	-3.039	240+40.40 R258.29
1136	319547.935	3407488.017	-3.037	240+40.40 R258.51
1137	319551.155	3407478.099	-2.932	240+40.40 R268.93
1138	319551.189	3407477.994	-2.927	240+40.40 R269.04
1139	319554.552	3407467.634	-2.869	240+40.40 R279.94
1140	319554.642	3407467.358	-2.869	240+40.40 R280.23
1141	319559.657	3407451.912	-2.640	240+40.40 R296.47
1142	319559.808	3407451.445	-2.635	240+40.40 R296.96
1143	319563.003	3407441.606	-2.520	240+40.40 R307.30
1144	319566.226	3407431.677	-2.452	240+40.40 R317.74
1145	319566.268	3407431.546	-2.453	240+40.40 R317.88
1146	319566.318	3407431.393	-2.453	240+40.40 R318.04
1147	319566.378	3407431.209	-2.454	240+40.40 R318.23
1148	319572.267	3407413.070	-2.498	240+40.40 R337.30
1149	319572.421	3407412.595	-2.479	240+40.40 R337.80
1150	319575.876	3407401.954	-2.546	240+40.40 R348.99
1151	319576.048	3407401.423	-2.562	240+40.40 R349.55

1203	319420.162	3407737.128	-0.881	240+85.00 L17.89
1204	319420.240	3407736.889	-0.877	240+85.00 L17.63
1205	319423.660	3407726.352	-1.114	240+85.00 L6.56
1206	319423.713	3407726.189	-1.120	240+85.00 L6.38
1207	319425.711	3407720.037	-1.154	240+85.00 R0.08
1208	319427.269	3407715.236	-1.219	240+85.00 R5.13
1209	319427.274	3407715.221	-1.220	240+85.00 R5.15
1210	319428.773	3407710.605	-1.179	240+85.00 R10.00
1211	319430.942	3407703.923	-1.119	240+85.00 R17.03
1212	319431.034	3407703.641	-1.108	240+85.00 R17.32
1213	319434.481	3407693.022	-2.040	240+85.00 R28.49
1214	319434.624	3407692.583	-2.021	240+85.00 R28.95
1215	319437.728	3407683.021	-2.719	240+85.00 R39.00
1216	319438.005	3407682.168	-2.695	240+85.00 R39.90
1217	319441.630	3407671.002	-4.309	240+85.00 R51.64
1218	319441.847	3407670.335	-4.305	240+85.00 R52.34
1219	319444.902	3407660.923	-4.136	240+85.00 R62.23
1220	319445.098	3407660.323	-4.159	240+85.00 R62.87
1221	319448.448	3407650.001	-4.099	240+85.00 R73.72
1222	319448.759	3407649.046	-4.116	240+85.00 R74.72
1223	319453.292	3407635.082	-3.990	240+85.00 R89.40
1224	319453.489	3407634.476	-3.979	240+85.00 R90.04
1225	319456.601	3407624.889	-4.020	240+85.00 R100.12
1226	319456.775	3407624.355	-4.015	240+85.00 R100.68
1227	319460.138	3407613.995	-4.005	240+85.00 R111.57
1228	319460.238	3407613.687	-4.009	240+85.00 R111.90
1229	319463.478	3407603.709	-3.794	240+85.00 R122.39
1230	319463.563	3407603.444	-3.793	240+85.00 R122.67
1231	319467.220	3407592.181	-3.703	240+85.00 R134.51
1232	319467.281	3407591.995	-3.698	240+85.00 R134.70
1233	319470.519	3407582.019	-3.680	240+85.00 R145.19
1234	319470.668	3407581.561	-3.675	240+85.00 R145.67
1235	319474.005	3407571.284	-3.659	240+85.00 R156.48
1236	319474.029	3407571.208	-3.660	240+85.00 R156.56
1237	319477.182	3407561.497	-3.514	240+85.00 R166.77
1238	319477.223	3407561.372	-3.513	240+85.00 R166.90
1239	319480.832	3407550.256	-3.646	240+85.00 R178.59
1240	319480.931	3407549.950	-3.649	240+85.00 R178.91
1241	319484.194	3407539.898	-3.617	240+85.00 R189.48
1242	319484.308	3407539.548	-3.611	240+85.00 R189.85
1243	319484.409	3407539.236	-3.607	240+85.00 R190.17
1244	319487.593	3407529.429	-3.427	240+85.00 R200.49
1245	319490.802	3407519.546	-3.244	240+85.00 R210.88
1246	319490.929	3407519.153	-3.248	240+85.00 R211.29
1247	319491.057	3407518.759	-3.247	240+85.00 R211.70
1248	319494.231	3407508.984	-3.413	240+85.00 R221.98
1249	319494.403	3407508.453	-3.403	240+85.00 R222.54
1250	319497.691	3407498.327	-3.218	240+85.00 R233.19
1251	319500.535	3407489.567	-3.145	240+85.00 R242.40
1252	319500.812	3407488.714	-3.129	240+85.00 R243.29
1253	319501.035	3407488.027	-3.114	240+85.00 R244.01

1305	319368.084	3407761.523	-3.883	241+27.00 L57.17
1306	319368.230	3407761.072	-3.818	241+27.00 L56.70
1307	319368.351	3407760.700	-3.906	241+27.00 L56.30
1308	319371.437	3407751.194	-3.548	241+27.00 L46.31
1309	319371.588	3407750.729	-3.555	241+27.00 L45.82
1310	319374.725	3407741.066	-3.720	241+27.00 L35.66
1311	319374.812	3407740.800	-3.715	241+27.00 L35.38
1312	319378.239	3407730.244	-4.656	241+27.00 L24.28
1313	319378.338	3407729.937	-4.660	241+27.00 L23.96
1314	319380.900	3407722.048	-4.125	241+27.00 L15.67
1315	319381.025	3407721.663	-4.134	241+27.00 L15.26
1316	319383.171	3407715.051	-4.424	241+27.00 L8.31
1317	319388.825	3407697.636	-4.700	241+27.00 R10.00
1318	319389.316	3407696.125	-4.723	241+27.00 R11.59
1319	319389.496	3407695.571	-4.614	241+27.00 R12.17
1320	319389.719	3407694.883	-4.645	241+27.00 R12.89
1321	319392.929	3407684.995	-4.183	241+27.00 R23.29
1322	319395.597	3407676.777	-3.899	241+27.00 R31.93
1323	319395.840	3407676.031	-3.954	241+27.00 R32.71
1324	319399.043	3407666.164	-3.687	241+27.00 R43.09
1325	319399.281	3407665.431	-3.750	241+27.00 R43.86
1326	319402.306	3407656.115	-3.694	241+27.00 R53.65
1327	319402.510	3407655.486	-3.731	241+27.00 R54.32
1328	319405.536	3407646.163	-4.078	241+27.00 R64.12
1329	319405.757	3407645.482	-4.111	241+27.00 R64.83
1330	319409.431	3407634.168	-4.320	241+27.00 R76.73
1331	319409.632	3407633.547	-4.351	241+27.00 R77.38
1332	319409.803	3407633.023	-4.357	241+27.00 R77.93
1333	319413.724	3407620.944	-4.118	241+27.00 R90.63
1334	319413.922	3407620.334	-4.117	241+27.00 R91.27
1335	319417.092	3407610.571	-4.028	241+27.00 R101.54
1336	319417.293	3407609.952	-4.026	241+27.00 R102.19
1337	319420.511	3407600.041	-4.167	241+27.00 R112.61
1338	319420.669	3407599.552	-4.164	241+27.00 R113.12
1339	319424.042	3407589.162	-4.185	241+27.00 R124.05
1340	319424.145	3407588.846	-4.183	241+27.00 R124.38
1341	319427.582	3407578.261	-3.873	241+27.00 R135.51
1342	319427.694	3407577.914	-3.873	241+27.00 R135.87
1343	319431.624	3407565.810	-3.754	241+27.00 R148.60
1344	319431.706	3407565.558	-3.754	241+27.00 R148.86
1345	319431.783	3407565.320	-3.756	241+27.00 R149.11
1346	319434.606	3407556.624	-3.764	241+27.00 R158.26
1347	319437.541	3407547.585	-3.676	241+27.00 R167.76
1348	319437.696	3407547.108	-3.676	241+27.00 R168.26
1349	319440.775	3407537.623	-3.755	241+27.00 R178.23
1350	319444.176	3407527.147	-3.564	241+27.00 R189.25
1351	319444.256	3407526.901	-3.557	241+27.00 R189.51
1352	319444.330	3407526.674	-3.555	241+27.00 R189.75
1353	319450.417	3407507.922	-3.554	241+27.00 R209.46
1354	319450.661	3407507.173	-3.540	241+27.00 R210.25
1355	319453.860	3407497.319	-3.532	241+27.00 R220.61

1407	319351.307	3407777.576	-2.561	241+38.00 L77.62
1408	319353.631	3407770.416	-2.605	241+38.00 L70.09
1409	319354.135	3407768.865	-3.155	241+38.00 L68.46
1410	319354.621	3407767.368	-3.183	241+38.00 L66.89
1411	319357.407	3407758.788	-3.801	241+38.00 L57.87
1412	319357.713	3407757.845	-3.832	241+38.00 L56.87
1413	319357.958	3407757.091	-3.852	241+38.00 L56.08
1414	319360.543	3407749.128	-3.531	241+38.00 L47.71
1415	319361.451	3407746.331	-3.082	241+38.00 L44.77
1416	319364.095	3407738.186	-3.141	241+38.00 L36.20
1417	319366.950	3407729.393	-3.950	241+38.00 L26.96
1418	319367.995	3407726.174	-3.730	241+38.00 L23.58
1419	319370.165	3407719.491	-3.321	241+38.00 L16.55
1420	319371.285	3407716.039	-3.855	241+38.00 L12.92
1421	319378.125	3407694.973	-4.188	241+38.00 R9.23
1422	319378.363	3407694.239	-4.043	241+38.00 R10.00
1423	319378.756	3407693.028	-3.804	241+38.00 R11.27
1424	319379.540	3407690.614	-3.913	241+38.00 R13.81
1425	319382.157	3407682.552	-3.536	241+38.00 R22.29
1426	319384.332	3407675.853	-3.304	241+38.00 R29.33
1427	319385.135	3407673.380	-3.487	241+38.00 R31.93
1428	319387.786	3407665.216	-3.267	241+38.00 R40.51
1429	319388.592	3407662.731	-3.480	241+38.00 R43.13
1430	319391.124	3407654.933	-3.433	241+38.00 R51.33
1431	319391.824	3407652.776	-3.561	241+38.00 R53.59
1432	319394.374	3407644.924	-3.853	241+38.00 R61.85
1433	319395.087	3407642.727	-3.962	241+38.00 R64.16
1434	319398.200	3407633.139	-4.139	241+38.00 R74.24
1435	319398.917	3407630.931	-4.248	241+38.00 R76.56
1436	319399.521	3407629.068	-4.270	241+38.00 R78.52
1437	319402.880	3407618.722	-4.064	241+38.00 R89.40
1438	319403.509	3407616.785	-4.064	241+38.00 R91.43
1439	319406.229	3407608.406	-3.987	241+38.00 R100.24
1440	319406.859	3407606.466	-3.983	241+38.00 R102.28
1441	319409.623	3407597.955	-4.103	241+38.00 R111.23
1442	319410.198	3407596.181	-4.094	241+38.00 R113.10
1443	319413.096	3407587.256	-4.112	241+38.00 R122.48
1444	319413.672	3407585.483	-4.099	241+38.00 R124.34
1445	319416.627	3407576.379	-3.833	241+38.00 R133.92
1446	319417.234	3407574.511	-3.833	241+38.00 R135.88
1447	319420.621	3407564.077	-3.730	241+38.00 R146.85
1448	319421.151	3407562.446	-3.730	241+38.00 R148.56
1449	319421.653	3407560.899	-3.747	241+38.00 R150.19
1450	319424.104	3407553.349	-3.754	241+38.00 R158.13
1451	319426.652	3407545.500	-3.678	241+38.00 R166.38
1452	319427.198	3407543.821	-3.678	241+38.00 R168.15
1453	319429.879	3407535.560	-3.746	241+38.00 R176.83
1454	319432.842	3407526.436	-3.580	241+38.00 R186.42
1455	319433.360	3407524.840	-3.534	241+38.00 R188.10
1456	319433.837	3407523.370	-3.524	241+38.00 R189.65
1457	319439.163	3407506.966	-3.523	241+38.00 R206.90

1509	319330.315	3407756.868	-2.860	241+76.54 L65.55
1510	319330.632	3407754.390	-3.019	241+76.54 L63.05
1511	319331.139	3407750.421	-3.122	241+76.54 L59.05
1512	319331.560	3407747.123	-3.190	241+76.54 L55.72
1513	319331.809	3407745.177	-3.108	241+76.54 L53.76
1514	319333.404	3407732.688	-1.118	241+76.54 L41.17
1515	319333.686	3407730.482	-1.106	241+76.54 L38.95
1516	319333.967	3407728.285	-1.272	241+76.54 L36.73
1517	319335.841	3407713.607	-0.045	241+76.54 L21.93
1518	319336.031	3407712.123	0.069	241+76.54 L20.44
1519	319338.339	3407694.052	-2.284	241+76.54 L2.22
1520	319338.740	3407690.916	-2.304	241+76.54 R0.94
1521	319339.653	3407683.767	-0.854	241+76.54 R8.15
1522	319339.888	3407681.931	-0.908	241+76.54 R10.00
1523	319340.851	3407674.390	-1.129	241+76.54 R17.60
1524	319341.000	3407673.221	-1.064	241+76.54 R18.78
1525	319341.117	3407672.306	-1.023	241+76.54 R19.70
1526	319342.334	3407662.777	-1.621	241+76.54 R29.31
1527	319342.510	3407661.401	-1.575	241+76.54 R30.70
1528	319343.785	3407651.416	-2.346	241+76.54 R40.76
1529	319343.972	3407649.951	-2.331	241+76.54 R42.24
1530	319345.125	3407640.930	-2.819	241+76.54 R51.33
1531	319345.310	3407639.478	-2.866	241+76.54 R52.80
1532	319346.498	3407630.179	-3.280	241+76.54 R62.17
1533	319346.722	3407628.423	-3.306	241+76.54 R63.94
1534	319347.990	3407618.499	-3.757	241+76.54 R73.95
1535	319349.116	3407609.681	-3.841	241+76.54 R82.84
1536	319349.363	3407607.751	-3.802	241+76.54 R84.78
1537	319350.516	3407598.726	-3.792	241+76.54 R93.88
1538	319350.693	3407597.338	-3.779	241+76.54 R95.28
1539	319351.874	3407588.091	-3.753	241+76.54 R104.60
1540	319352.024	3407586.919	-3.767	241+76.54 R105.78
1541	319353.185	3407577.829	-3.710	241+76.54 R114.95
1542	319353.310	3407576.847	-3.711	241+76.54 R115.94
1543	319354.629	3407566.526	-3.625	241+76.54 R126.34
1544	319354.728	3407565.749	-3.603	241+76.54 R127.13
1545	319356.147	3407554.643	-3.599	241+76.54 R138.32
1546	319356.237	3407553.938	-3.592	241+76.54 R139.03
1547	319357.546	3407543.690	-3.591	241+76.54 R149.36
1548	319358.848	3407533.493	-3.691	241+76.54 R159.64
1549	319358.909	3407533.017	-3.691	241+76.54 R160.12
1550	319358.970	3407532.543	-3.687	241+76.54 R160.60
1551	319360.208	3407522.846	-3.687	241+76.54 R170.38
1552	319360.268	3407522.381	-3.691	241+76.54 R170.85
1553	319360.330	3407521.890	-3.682	241+76.54 R171.34
1554	319361.685	3407511.283	-3.386	241+76.54 R182.03
1555	319362.991	3407501.062	-3.311	241+76.54 R192.34
1556	319363.062	3407500.502	-3.310	241+76.54 R192.90
1557	319365.626	3407480.430	-2.924	241+76.54 R213.14
1558	319365.650	3407480.242	-2.924	241+76.54 R213.33
1559	319367.169	3407468.349	-2.846	241+76.54 R225.32

1611	319319.312	3407768.337	-0.077	241+86.00 L78.32
1612	319320.279	3407760.765	-2.621	241+86.00 L70.68
1613	319321.275	3407752.963	-2.740	241+86.00 L62.82
1614	319321.289	3407752.855	-2.747	241+86.00 L62.71
1615	319321.729	3407749.413	-2.836	241+86.00 L59.24
1616	319321.935	3407747.796	-2.868	241+86.00 L57.61
1617	319322.470	3407743.611	-2.921	241+86.00 L53.39
1618	319323.481	3407735.694	-1.664	241+86.00 L45.41
1619	319324.423	3407728.319	-0.489	241+86.00 L37.97
1620	319324.446	3407728.142	-0.488	241+86.00 L37.80
1621	319324.468	3407727.965	-0.501	241+86.00 L37.62
1622	319326.020	3407715.819	0.514	241+86.00 L25.37
1623	319326.735	3407710.219	0.950	241+86.00 L19.73
1624	319326.745	3407710.139	0.965	241+86.00 L19.65
1625	319327.918	3407700.959	0.579	241+86.00 L10.39
1626	319328.201	3407698.741	0.438	241+86.00 L8.16
1627	319329.459	3407688.895	-1.865	241+86.00 R1.77
1628	319330.397	3407681.553	-0.390	241+86.00 R9.17
1629	319330.502	3407680.732	-0.411	241+86.00 R10.00
1630	319331.648	3407671.755	-0.635	241+86.00 R19.05
1631	319331.713	3407671.248	-0.670	241+86.00 R19.56
1632	319333.058	3407660.724	-1.238	241+86.00 R30.17
1633	319333.078	3407660.567	-1.243	241+86.00 R30.33
1634	319333.758	3407655.237	-1.637	241+86.00 R35.70
1635	319334.545	3407649.082	-2.112	241+86.00 R41.91
1636	319334.561	3407648.957	-2.111	241+86.00 R42.03
1637	319335.885	3407638.587	-2.672	241+86.00 R52.49
1638	319335.905	3407638.434	-2.677	241+86.00 R52.64
1639	319337.264	3407627.795	-3.150	241+86.00 R63.37
1640	319337.294	3407627.559	-3.154	241+86.00 R63.60
1641	319338.740	3407616.241	-3.668	241+86.00 R75.01
1642	319340.024	3407606.184	-3.763	241+86.00 R85.15
1643	319340.067	3407605.846	-3.757	241+86.00 R85.49
1644	319341.375	3407595.611	-3.745	241+86.00 R95.81
1645	319341.391	3407595.485	-3.744	241+86.00 R95.94
1646	319342.128	3407589.713	-3.728	241+86.00 R101.76
1647	319342.675	3407585.428	-3.718	241+86.00 R106.08
1648	319342.701	3407585.232	-3.720	241+86.00 R106.28
1649	319342.747	3407584.869	-3.715	241+86.00 R106.64
1650	319344.022	3407574.887	-3.659	241+86.00 R116.70
1651	319345.342	3407564.551	-3.581	241+86.00 R127.12
1652	319345.453	3407563.680	-3.581	241+86.00 R128.00
1653	319346.818	3407553.000	-3.580	241+86.00 R138.77
1654	319346.975	3407551.765	-3.584	241+86.00 R140.01
1655	319348.207	3407542.122	-3.584	241+86.00 R149.74
1656	319348.386	3407540.723	-3.558	241+86.00 R151.15
1657	319349.607	3407531.161	-3.652	241+86.00 R160.79
1658	319350.756	3407522.165	-3.651	241+86.00 R169.85
1659	319350.933	3407520.782	-3.631	241+86.00 R171.25
1660	319351.092	3407519.538	-3.599	241+86.00 R172.50
1661	319352.350	3407509.689	-3.320	241+86.00 R182.43

1713	319391.177	3407205.720	-2.796	241+86.00 R488.87
1714	319392.265	3407197.209	-2.791	241+86.00 R497.45
1715	319392.560	3407194.894	-2.792	241+86.00 R499.79
1716	319392.588	3407194.681	-2.792	241+86.00 R500.00
1717	319272.919	3407784.270	-0.300	242+30.00 L100.00
1718	319272.979	3407783.800	-0.305	242+30.00 L99.53
1719	319273.357	3407780.840	-0.035	242+30.00 L96.54
1720	319273.713	3407778.055	-1.619	242+30.00 L93.73
1721	319280.592	3407724.197	0.160	242+30.00 L39.44
1722	319280.611	3407724.050	0.160	242+30.00 L39.29
1723	319280.633	3407723.878	0.163	242+30.00 L39.12
1724	319281.546	3407716.729	0.377	242+30.00 L31.91
1725	319282.102	3407712.375	0.485	242+30.00 L27.52
1726	319282.107	3407712.338	0.484	242+30.00 L27.48
1727	319282.108	3407712.332	0.485	242+30.00 L27.48
1728	319282.222	3407711.436	0.529	242+30.00 L26.57
1729	319282.377	3407710.226	0.768	242+30.00 L25.35
1730	319283.496	3407701.468	2.333	242+30.00 L16.53
1731	319283.988	3407697.616	2.423	242+30.00 L12.64
1732	319285.095	3407688.947	1.646	242+30.00 L3.90
1733	319286.856	3407675.157	0.668	242+30.00 R10.00
1734	319286.878	3407674.986	0.656	242+30.00 R10.17
1735	319286.986	3407674.139	0.333	242+30.00 R11.03
1736	319287.540	3407669.806	0.055	242+30.00 R15.39
1737	319288.342	3407663.523	-0.516	242+30.00 R21.73
1738	319289.445	3407654.894	-0.833	242+30.00 R30.43
1739	319290.726	3407644.860	-1.286	242+30.00 R40.54
1740	319290.743	3407644.729	-1.292	242+30.00 R40.67
1741	319292.105	3407634.065	-2.129	242+30.00 R51.43
1742	319293.225	3407625.301	-3.134	242+30.00 R60.26
1743	319293.242	3407625.165	-3.107	242+30.00 R60.40
1744	319293.264	3407624.990	-3.152	242+30.00 R60.57
1745	319293.297	3407624.738	-3.173	242+30.00 R60.83
1746	319294.558	3407614.865	-3.323	242+30.00 R70.78
1747	319295.860	3407604.670	-3.674	242+30.00 R81.06
1748	319295.922	3407604.187	-3.700	242+30.00 R81.55
1749	319298.646	3407582.857	-3.840	242+30.00 R103.05
1750	319299.159	3407578.846	-3.761	242+30.00 R107.09
1751	319300.836	3407565.711	-3.574	242+30.00 R120.33
1752	319302.107	3407555.762	-3.558	242+30.00 R130.36
1753	319302.737	3407550.834	-3.558	242+30.00 R135.33
1754	319303.868	3407541.982	-3.584	242+30.00 R144.26
1755	319304.263	3407538.886	-3.593	242+30.00 R147.38
1756	319305.866	3407526.340	-3.360	242+30.00 R160.03
1757	319307.308	3407515.046	-3.197	242+30.00 R171.41
1758	319307.454	3407513.903	-3.181	242+30.00 R172.56
1759	319308.109	3407508.780	-3.049	242+30.00 R177.73
1760	319308.880	3407502.737	-2.895	242+30.00 R183.82
1761	319309.026	3407501.597	-2.895	242+30.00 R184.97
1762	319310.281	3407491.772	-2.905	242+30.00 R194.87
1763	319310.324	3407491.433	-2.898	242+30.00 R195.22

1815	319348.942	3407189.106	-2.748	242+30.00 R500.00
1816	319221.335	3407772.047	0.091	243+15.68 L100.00
1817	319213.394	3407734.584	0.907	243+15.68 L61.71
1818	319211.621	3407726.218	1.040	243+15.68 L53.15
1819	319211.293	3407724.670	1.076	243+15.68 L51.57
1820	319210.855	3407722.605	1.116	243+15.68 L49.46
1821	319210.836	3407722.514	1.119	243+15.68 L49.37
1822	319210.825	3407722.462	1.120	243+15.68 L49.31
1823	319207.078	3407704.783	0.829	243+15.68 L31.24
1824	319206.421	3407701.682	1.402	243+15.68 L28.07
1825	319206.367	3407701.428	1.415	243+15.68 L27.81
1826	319205.351	3407696.637	1.874	243+15.68 L22.92
1827	319205.335	3407696.561	1.876	243+15.68 L22.84
1828	319200.792	3407675.127	0.419	243+15.68 L0.93
1829	319200.791	3407675.122	0.417	243+15.68 L0.92
1830	319200.702	3407674.702	0.407	243+15.68 L0.49
1831	319200.669	3407674.544	0.402	243+15.68 L0.33
1832	319200.616	3407674.297	0.434	243+15.68 L0.08
1833	319200.520	3407673.841	0.372	243+15.68 R0.39
1834	319198.526	3407664.437	0.044	243+15.68 R10.00
1835	319192.442	3407635.732	-0.957	243+15.68 R39.34
1836	319192.366	3407635.373	-0.994	243+15.68 R39.71
1837	319189.676	3407622.680	-1.937	243+15.68 R52.69
1838	319189.608	3407622.362	-1.967	243+15.68 R53.01
1839	319186.267	3407606.599	-2.755	243+15.68 R69.12
1840	319184.162	3407596.665	-2.990	243+15.68 R79.28
1841	319184.146	3407596.590	-2.991	243+15.68 R79.35
1842	319183.050	3407591.418	-3.058	243+15.68 R84.64
1843	319182.002	3407586.473	-3.126	243+15.68 R89.70
1844	319179.941	3407576.752	-3.283	243+15.68 R99.63
1845	319179.879	3407576.458	-3.282	243+15.68 R99.93
1846	319177.783	3407566.568	-3.295	243+15.68 R110.04
1847	319175.632	3407556.421	-3.176	243+15.68 R120.42
1848	319173.637	3407547.009	-3.223	243+15.68 R130.04
1849	319173.519	3407546.451	-3.224	243+15.68 R130.61
1850	319171.189	3407535.458	-3.229	243+15.68 R141.84
1851	319171.058	3407534.843	-3.217	243+15.68 R142.47
1852	319170.936	3407534.267	-3.208	243+15.68 R143.06
1853	319168.473	3407522.647	-3.202	243+15.68 R154.94
1854	319166.109	3407511.494	-3.155	243+15.68 R166.34
1855	319166.000	3407510.978	-3.142	243+15.68 R166.87
1856	319165.895	3407510.484	-3.142	243+15.68 R167.37
1857	319163.812	3407500.655	-2.891	243+15.68 R177.42
1858	319163.720	3407500.220	-2.890	243+15.68 R177.87
1859	319161.497	3407489.733	-2.940	243+15.68 R188.59
1860	319157.187	3407469.399	-2.832	243+15.68 R209.37
1861	319155.711	3407462.433	-2.769	243+15.68 R216.49
1862	319154.764	3407457.967	-2.691	243+15.68 R221.06
1863	319150.024	3407435.605	-2.428	243+15.68 R243.92
1864	319149.939	3407435.202	-2.426	243+15.68 R244.33
1865	319145.205	3407412.866	-2.064	243+15.68 R267.16

1917	318924.208	3407676.544	-1.091	245+99.41 R56.52
1918	318924.223	3407675.780	-1.123	245+99.41 R57.28
1919	318924.479	3407663.405	-2.141	245+99.41 R69.66
1920	318924.700	3407652.698	-2.625	245+99.41 R80.37
1921	318924.716	3407651.929	-2.633	245+99.41 R81.14
1922	318924.735	3407651.021	-2.721	245+99.41 R82.05
1923	318924.978	3407639.254	-2.819	245+99.41 R93.82
1924	318925.343	3407621.588	-2.959	245+99.41 R111.49
1925	318925.353	3407621.123	-3.000	245+99.41 R111.95
1926	318925.547	3407611.704	-2.999	245+99.41 R121.37
1927	318925.619	3407608.263	-3.004	245+99.41 R124.81
1928	318925.626	3407607.912	-3.012	245+99.41 R125.17
1929	318926.009	3407589.370	-3.116	245+99.41 R143.71
1930	318926.045	3407587.601	-3.067	245+99.41 R145.48
1931	318926.085	3407585.665	-3.078	245+99.41 R147.42
1932	318926.399	3407570.514	-3.168	245+99.41 R162.57
1933	318926.460	3407567.538	-3.153	245+99.41 R165.55
1934	318926.618	3407559.893	-3.118	245+99.41 R173.19
1935	318926.686	3407556.578	-3.129	245+99.41 R176.51
1936	318926.863	3407548.017	-3.097	245+99.41 R185.07
1937	318926.916	3407545.451	-3.076	245+99.41 R187.64
1938	318927.064	3407538.296	-3.131	245+99.41 R194.80
1939	318927.105	3407536.333	-3.148	245+99.41 R196.76
1940	318927.342	3407524.847	-3.165	245+99.41 R208.25
1941	318927.394	3407522.334	-3.056	245+99.41 R210.76
1942	318927.537	3407515.411	-3.021	245+99.41 R217.69
1943	318927.613	3407511.758	-2.993	245+99.41 R221.34
1944	318927.790	3407503.194	-2.882	245+99.41 R229.90
1945	318927.922	3407496.763	-2.926	245+99.41 R236.34
1946	318928.024	3407491.840	-2.805	245+99.41 R241.26
1947	318928.199	3407483.389	-2.688	245+99.41 R249.71
1948	318928.271	3407479.892	-2.730	245+99.41 R253.21
1949	318928.452	3407471.137	-2.668	245+99.41 R261.97
1950	318928.537	3407467.025	-2.655	245+99.41 R266.08
1951	318928.751	3407456.658	-2.565	245+99.41 R276.45
1952	318928.789	3407454.819	-2.532	245+99.41 R278.29
1953	318929.001	3407444.557	-2.612	245+99.41 R288.55
1954	318929.034	3407442.986	-2.599	245+99.41 R290.13
1955	318929.281	3407430.997	-2.584	245+99.41 R302.12
1956	318929.286	3407430.780	-2.586	245+99.41 R302.33
1957	318929.408	3407424.846	-2.625	245+99.41 R308.27
1958	318929.545	3407418.228	-2.656	245+99.41 R314.89
1959	318929.664	3407412.494	-2.497	245+99.41 R320.62
1960	318929.747	3407408.473	-2.726	245+99.41 R324.65
1961	318929.991	3407396.636	-2.664	245+99.41 R336.49
1962	318930.008	3407395.819	-2.674	245+99.41 R337.30
1963	318930.151	3407388.904	-2.722	245+99.41 R344.22
1964	318930.279	3407382.726	-2.773	245+99.41 R350.40
1965	318930.293	3407382.061	-2.778	245+99.41 R351.06
1966	318930.504	3407371.831	-2.743	245+99.41 R361.30
1967	318930.526	3407370.738	-2.739	245+99.41 R362.39

2019	318844.873	3407658.970	-2.214	247+20.42 R83.41
2020	318868.939	3407618.742	-2.938	247+20.42 R130.29
2021	318869.080	3407618.505	-2.937	247+20.42 R130.56
2022	318875.457	3407607.847	-3.004	247+20.42 R142.98
2023	318875.714	3407607.416	-3.007	247+20.42 R143.49
2024	318881.925	3407597.035	-3.102	247+20.42 R155.58
2025	318882.036	3407596.848	-3.100	247+20.42 R155.80
2026	318888.209	3407586.530	-3.383	247+20.42 R167.82
2027	318888.277	3407586.417	-3.383	247+20.42 R167.96
2028	318888.333	3407586.324	-3.382	247+20.42 R168.07
2029	318894.687	3407575.702	-3.035	247+20.42 R180.44
2030	318894.745	3407575.605	-3.037	247+20.42 R180.56
2031	318899.921	3407566.953	-3.101	247+20.42 R190.64
2032	318905.969	3407556.844	-3.061	247+20.42 R202.42
2033	318906.096	3407556.631	-3.057	247+20.42 R202.67
2034	318912.178	3407546.465	-3.114	247+20.42 R214.51
2035	318912.405	3407546.086	-3.105	247+20.42 R214.95
2036	318917.784	3407537.094	-3.023	247+20.42 R225.43
2037	318920.319	3407532.856	-3.018	247+20.42 R230.37
2038	318924.963	3407525.094	-3.047	247+20.42 R239.42
2039	318930.328	3407516.127	-3.052	247+20.42 R249.87
2040	318936.167	3407506.366	-3.031	247+20.42 R261.24
2041	318936.739	3407505.409	-3.026	247+20.42 R262.35
2042	318936.917	3407505.112	-3.031	247+20.42 R262.70
2043	318942.791	3407495.293	-2.726	247+20.42 R274.14
2044	318943.239	3407494.545	-2.712	247+20.42 R275.01
2045	318948.613	3407485.561	-2.872	247+20.42 R285.48
2046	318948.948	3407485.003	-2.869	247+20.42 R286.13
2047	318957.853	3407470.117	-2.887	247+20.42 R303.48
2048	318957.961	3407469.936	-2.886	247+20.42 R303.69
2049	318958.774	3407468.578	-2.864	247+20.42 R305.27
2050	318959.671	3407467.078	-2.853	247+20.42 R307.02
2051	318960.500	3407465.693	-2.859	247+20.42 R308.63
2052	318976.795	3407438.455	-2.658	247+20.42 R340.38
2053	318982.363	3407429.147	-2.661	247+20.42 R351.22
2054	318982.583	3407428.780	-2.659	247+20.42 R351.65
2055	318997.318	3407404.150	-2.630	247+20.42 R380.35
2056	318997.447	3407403.933	-2.627	247+20.42 R380.60
2057	319003.886	3407393.171	-2.543	247+20.42 R393.14
2058	319003.938	3407393.084	-2.541	247+20.42 R393.25
2059	319003.965	3407393.037	-2.544	247+20.42 R393.30
2060	319012.504	3407378.764	-2.641	247+20.42 R409.93
2061	319015.147	3407374.347	-2.646	247+20.42 R415.08
2062	319016.132	3407372.700	-2.648	247+20.42 R417.00
2063	319016.175	3407372.628	-2.647	247+20.42 R417.08
2064	319020.508	3407365.385	-2.516	247+20.42 R425.52
2065	319020.517	3407365.371	-2.516	247+20.42 R425.54
2066	319026.326	3407355.660	-2.605	247+20.42 R436.85
2067	319026.680	3407355.068	-2.599	247+20.42 R437.54
2068	319032.182	3407345.873	-2.635	247+20.42 R448.26
2069	319032.482	3407345.371	-2.647	247+20.42 R448.84

2121	318811.711	3407526.508	-3.087	248+62.58 R185.77
2122	318819.076	3407519.175	-3.055	248+62.58 R196.16
2123	318819.541	3407518.712	-3.036	248+62.58 R196.82
2124	318827.359	3407510.929	-3.285	248+62.58 R207.85
2125	318827.738	3407510.552	-3.288	248+62.58 R208.38
2126	318828.205	3407510.087	-3.285	248+62.58 R209.04
2127	318838.491	3407499.846	-3.022	248+62.58 R223.56
2128	318839.016	3407499.324	-3.025	248+62.58 R224.30
2129	318850.226	3407488.164	-2.714	248+62.58 R240.11
2130	318850.645	3407487.747	-2.710	248+62.58 R240.71
2131	318851.686	3407486.711	-2.710	248+62.58 R242.17
2132	318857.993	3407480.432	-2.651	248+62.58 R251.07
2133	318858.419	3407480.008	-2.644	248+62.58 R251.67
2134	318864.865	3407473.591	-2.786	248+62.58 R260.77
2135	318865.042	3407473.414	-2.787	248+62.58 R261.02
2136	318873.779	3407464.716	-2.658	248+62.58 R273.35
2137	318877.236	3407461.275	-2.601	248+62.58 R278.23
2138	318884.311	3407454.232	-2.450	248+62.58 R288.21
2139	318885.384	3407453.163	-2.435	248+62.58 R289.72
2140	318886.987	3407451.567	-2.447	248+62.58 R291.99
2141	318894.591	3407443.997	-2.512	248+62.58 R302.72
2142	318894.888	3407443.701	-2.509	248+62.58 R303.14
2143	318897.732	3407440.870	-2.543	248+62.58 R307.15
2144	318904.010	3407434.620	-2.608	248+62.58 R316.01
2145	318909.712	3407428.943	-2.668	248+62.58 R324.05
2146	318916.251	3407422.434	-2.652	248+62.58 R333.28
2147	318917.383	3407421.306	-2.656	248+62.58 R334.88
2148	318918.064	3407420.629	-2.652	248+62.58 R335.84
2149	318923.879	3407414.840	-2.581	248+62.58 R344.04
2150	318927.545	3407411.190	-2.673	248+62.58 R349.22
2151	318931.678	3407407.075	-2.715	248+62.58 R355.05
2152	318933.056	3407405.704	-2.763	248+62.58 R356.99
2153	318937.650	3407401.130	-2.727	248+62.58 R363.47
2154	318943.870	3407394.938	-2.626	248+62.58 R372.25
2155	318944.899	3407393.913	-2.631	248+62.58 R373.70
2156	318953.232	3407385.618	-2.652	248+62.58 R385.46
2157	318954.004	3407384.850	-2.645	248+62.58 R386.55
2158	318960.544	3407378.339	-2.583	248+62.58 R395.78
2159	318961.194	3407377.691	-2.574	248+62.58 R396.70
2160	318967.965	3407370.951	-2.136	248+62.58 R406.25
2161	318974.168	3407364.776	-2.722	248+62.58 R415.00
2162	318980.197	3407358.774	-2.703	248+62.58 R423.51
2163	318984.220	3407354.768	-2.682	248+62.58 R429.19
2164	318984.549	3407354.441	-2.682	248+62.58 R429.65
2165	318992.617	3407346.408	-2.611	248+62.58 R441.04
2166	318992.900	3407346.127	-2.604	248+62.58 R441.44
2167	318999.242	3407339.813	-2.607	248+62.58 R450.38
2168	318999.694	3407339.364	-2.612	248+62.58 R451.02
2169	319008.581	3407330.516	-2.502	248+62.58 R463.56
2170	319009.216	3407329.883	-2.506	248+62.58 R464.46
2171	319017.982	3407321.156	-2.768	248+62.58 R476.83

2223	318815.838	3407378.473	-2.704	250+36.46 R301.82
2224	318816.399	3407378.135	-2.707	250+36.46 R302.47
2225	318826.261	3407372.187	-2.618	250+36.46 R313.99
2226	318835.625	3407366.540	-2.894	250+36.46 R324.93
2227	318846.267	3407360.122	-2.743	250+36.46 R337.35
2228	318855.701	3407354.433	-2.749	250+36.46 R348.37
2229	318856.714	3407353.822	-2.757	250+36.46 R349.55
2230	318866.234	3407348.081	-2.844	250+36.46 R360.67
2231	318866.413	3407347.973	-2.843	250+36.46 R360.88
2232	318867.387	3407347.386	-2.846	250+36.46 R362.02
2233	318872.740	3407344.157	-2.655	250+36.46 R368.27
2234	318878.737	3407340.541	-2.552	250+36.46 R375.27
2235	318879.647	3407339.992	-2.567	250+36.46 R376.33
2236	318893.710	3407331.511	-2.627	250+36.46 R392.76
2237	318902.951	3407325.938	-2.795	250+36.46 R403.55
2238	318907.452	3407323.224	-2.779	250+36.46 R408.80
2239	318914.224	3407319.140	-2.816	250+36.46 R416.71
2240	318917.141	3407317.381	-2.807	250+36.46 R420.12
2241	318920.137	3407315.574	-2.715	250+36.46 R423.62
2242	318920.584	3407315.304	-2.712	250+36.46 R424.14
2243	318924.343	3407313.037	-2.729	250+36.46 R428.53
2244	318930.401	3407309.384	-2.719	250+36.46 R435.60
2245	318931.228	3407308.885	-2.713	250+36.46 R436.57
2246	318940.215	3407303.465	-2.765	250+36.46 R447.06
2247	318963.582	3407289.374	-2.784	250+36.46 R474.35
2248	318964.923	3407288.565	-2.783	250+36.46 R475.92
2249	318972.648	3407283.906	-2.792	250+36.46 R484.94
2250	318973.950	3407283.121	-2.776	250+36.46 R486.46
2251	318981.929	3407278.309	-2.771	250+36.46 R495.78
2252	318982.900	3407277.724	-2.795	250+36.46 R496.91
2253	318984.042	3407277.035	-2.776	250+36.46 R498.24
2254	318985.546	3407276.128	-2.771	250+36.46 R500.00
2255	318460.474	3407539.747	-1.936	251+33.28 L100.00
2256	318460.890	3407538.964	-1.952	251+33.28 L99.11
2257	318461.076	3407538.614	-1.959	251+33.28 L98.72
2258	318462.285	3407536.338	-1.947	251+33.28 L96.14
2259	318464.032	3407533.048	-1.836	251+33.28 L92.42
2260	318470.114	3407521.596	-1.268	251+33.28 L79.45
2261	318473.452	3407515.312	-0.526	251+33.28 L72.33
2262	318480.769	3407501.535	1.661	251+33.28 L56.73
2263	318482.201	3407498.838	2.115	251+33.28 L53.68
2264	318485.872	3407491.926	1.586	251+33.28 L45.85
2265	318487.265	3407489.304	1.285	251+33.28 L42.88
2266	318495.224	3407474.318	0.782	251+33.28 L25.92
2267	318501.999	3407461.563	1.534	251+33.28 L11.47
2268	318502.123	3407461.328	1.509	251+33.28 L11.21
2269	318502.315	3407460.966	1.532	251+33.28 L10.80
2270	318511.256	3407444.133	0.255	251+33.28 R8.26
2271	318512.071	3407442.598	0.187	251+33.28 R10.00
2272	318514.453	3407438.113	-0.013	251+33.28 R15.08
2273	318526.373	3407415.670	-0.570	251+33.28 R40.49

2325	318416.558	3407446.911	1.516	252+42.09 L46.82
2326	318416.442	3407445.891	1.493	252+42.09 L45.79
2327	318416.364	3407445.200	1.529	252+42.09 L45.10
2328	318415.423	3407436.905	0.747	252+42.09 L36.75
2329	318414.341	3407427.364	1.200	252+42.09 L27.15
2330	318413.831	3407422.874	1.102	252+42.09 L22.63
2331	318412.720	3407413.079	1.127	252+42.09 L12.77
2332	318412.478	3407410.950	1.733	252+42.09 L10.63
2333	318411.988	3407406.629	1.966	252+42.09 L6.28
2334	318411.587	3407403.094	1.224	252+42.09 L2.72
2335	318411.413	3407401.560	1.212	252+42.09 L1.18
2336	318410.153	3407390.454	0.708	252+42.09 R10.00
2337	318409.339	3407383.280	0.383	252+42.09 R17.22
2338	318409.259	3407382.573	0.401	252+42.09 R17.93
2339	318409.133	3407381.459	0.367	252+42.09 R19.05
2340	318405.928	3407353.207	-0.656	252+42.09 R47.49
2341	318405.856	3407352.574	-0.658	252+42.09 R48.12
2342	318404.968	3407344.748	-0.735	252+42.09 R56.00
2343	318404.873	3407343.911	-0.750	252+42.09 R56.84
2344	318403.829	3407334.706	-1.270	252+42.09 R66.11
2345	318403.792	3407334.382	-1.294	252+42.09 R66.43
2346	318403.639	3407333.033	-1.427	252+42.09 R67.79
2347	318402.778	3407325.440	-2.202	252+42.09 R75.43
2348	318402.571	3407323.619	-2.318	252+42.09 R77.26
2349	318402.535	3407323.298	-2.324	252+42.09 R77.59
2350	318401.323	3407312.617	-3.498	252+42.09 R88.34
2351	318399.780	3407299.012	-3.435	252+42.09 R102.03
2352	318399.699	3407298.299	-3.422	252+42.09 R102.75
2353	318399.423	3407295.873	-3.406	252+42.09 R105.19
2354	318398.630	3407288.883	-3.420	252+42.09 R112.22
2355	318397.838	3407281.900	-3.481	252+42.09 R119.25
2356	318397.493	3407278.854	-3.523	252+42.09 R122.32
2357	318396.345	3407268.740	-3.002	252+42.09 R132.49
2358	318396.274	3407268.109	-2.995	252+42.09 R133.13
2359	318395.198	3407258.624	-3.467	252+42.09 R142.68
2360	318395.136	3407258.085	-3.477	252+42.09 R143.22
2361	318394.999	3407256.870	-3.473	252+42.09 R144.44
2362	318394.983	3407256.732	-3.477	252+42.09 R144.58
2363	318393.667	3407245.129	-3.489	252+42.09 R156.26
2364	318392.965	3407238.946	-3.513	252+42.09 R162.48
2365	318392.227	3407232.436	-3.419	252+42.09 R169.03
2366	318391.544	3407226.415	-3.350	252+42.09 R175.09
2367	318390.348	3407215.875	-3.311	252+42.09 R185.70
2368	318388.765	3407201.922	-3.258	252+42.09 R199.74
2369	318388.033	3407195.469	-3.249	252+42.09 R206.24
2370	318386.945	3407185.877	-3.344	252+42.09 R215.89
2371	318386.168	3407179.031	-3.394	252+42.09 R222.78
2372	318385.229	3407170.756	-3.418	252+42.09 R231.11
2373	318385.104	3407169.653	-3.409	252+42.09 R232.22
2374	318384.004	3407159.957	-3.364	252+42.09 R241.97
2375	318383.836	3407158.473	-3.365	252+42.09 R243.47

2427	318238.706	3407418.087	1.433	254+14.02 R2.42
2428	318233.255	3407412.825	-0.449	254+14.02 R10.00
2429	318226.044	3407405.867	-2.939	254+14.02 R20.02
2430	318221.847	3407401.816	-3.386	254+14.02 R25.85
2431	318215.618	3407395.804	-3.236	254+14.02 R34.51
2432	318214.774	3407394.990	-3.310	254+14.02 R35.68
2433	318213.447	3407393.709	-3.373	254+14.02 R37.53
2434	318205.866	3407386.392	-4.130	254+14.02 R48.06
2435	318205.483	3407386.023	-4.116	254+14.02 R48.60
2436	318198.027	3407378.826	-2.540	254+14.02 R58.96
2437	318197.108	3407377.939	-2.583	254+14.02 R60.24
2438	318190.844	3407371.895	-1.296	254+14.02 R68.94
2439	318190.110	3407371.186	-1.416	254+14.02 R69.96
2440	318188.294	3407369.433	-1.936	254+14.02 R72.49
2441	318181.969	3407363.329	-3.014	254+14.02 R81.28
2442	318179.083	3407360.544	-3.163	254+14.02 R85.29
2443	318176.208	3407357.769	-3.390	254+14.02 R89.28
2444	318172.218	3407353.918	-3.471	254+14.02 R94.83
2445	318171.094	3407352.834	-3.539	254+14.02 R96.39
2446	318165.236	3407347.179	-3.555	254+14.02 R104.53
2447	318162.650	3407344.684	-3.412	254+14.02 R108.12
2448	318153.220	3407335.583	-3.770	254+14.02 R121.23
2449	318149.704	3407332.190	-3.617	254+14.02 R126.12
2450	318141.922	3407324.679	-3.557	254+14.02 R136.93
2451	318135.392	3407318.377	-3.533	254+14.02 R146.01
2452	318130.443	3407313.601	-3.407	254+14.02 R152.88
2453	318122.542	3407305.976	-3.289	254+14.02 R163.86
2454	318120.623	3407304.123	-3.333	254+14.02 R166.53
2455	318116.112	3407299.770	-3.275	254+14.02 R172.80
2456	318109.250	3407293.147	-3.200	254+14.02 R182.34
2457	318106.793	3407290.775	-3.232	254+14.02 R185.75
2458	318097.883	3407282.177	-3.232	254+14.02 R198.13
2459	318095.906	3407280.269	-3.241	254+14.02 R200.88
2460	318094.782	3407279.183	-3.236	254+14.02 R202.44
2461	318088.678	3407273.292	-3.141	254+14.02 R210.93
2462	318082.229	3407267.068	-3.151	254+14.02 R219.89
2463	318081.393	3407266.261	-3.153	254+14.02 R221.05
2464	318080.996	3407265.878	-3.156	254+14.02 R221.60
2465	318072.826	3407257.993	-3.072	254+14.02 R232.96
2466	318069.911	3407255.180	-3.056	254+14.02 R237.01
2467	318065.530	3407250.952	-3.035	254+14.02 R243.10
2468	318065.482	3407250.906	-3.027	254+14.02 R243.16
2469	318065.434	3407250.859	-3.020	254+14.02 R243.23
2470	318058.481	3407244.149	-2.818	254+14.02 R252.89
2471	318053.616	3407239.454	-2.873	254+14.02 R259.65
2472	318050.005	3407235.968	-2.909	254+14.02 R264.67
2473	318042.013	3407228.256	-2.863	254+14.02 R275.78
2474	318041.694	3407227.948	-2.834	254+14.02 R276.22
2475	318037.539	3407223.938	-2.766	254+14.02 R282.00
2476	318036.787	3407223.211	-2.779	254+14.02 R283.04
2477	318036.429	3407222.866	-2.759	254+14.02 R283.54

2529	318173.026	3407362.348	-3.449	254+72.18 R102.89
2530	318172.038	3407358.720	-3.525	254+72.18 R106.65
2531	318171.690	3407357.442	-3.397	254+72.18 R107.97
2532	318169.307	3407348.690	-3.628	254+72.18 R117.04
2533	318167.329	3407341.428	-3.706	254+72.18 R124.57
2534	318166.079	3407336.835	-3.633	254+72.18 R129.33
2535	318164.481	3407330.968	-3.697	254+72.18 R135.41
2536	318161.725	3407320.847	-3.649	254+72.18 R145.90
2537	318160.842	3407317.604	-3.659	254+72.18 R149.26
2538	318157.817	3407306.498	-3.395	254+72.18 R160.77
2539	318157.445	3407305.129	-3.319	254+72.18 R162.19
2540	318155.098	3407296.512	-3.526	254+72.18 R171.12
2541	318154.797	3407295.407	-3.543	254+72.18 R172.27
2542	318152.658	3407287.551	-3.401	254+72.18 R180.41
2543	318152.455	3407286.808	-3.391	254+72.18 R181.18
2544	318151.033	3407281.585	-3.313	254+72.18 R186.59
2545	318147.520	3407268.686	-3.222	254+72.18 R199.96
2546	318146.690	3407265.635	-3.085	254+72.18 R203.12
2547	318145.943	3407262.892	-3.069	254+72.18 R205.96
2548	318143.477	3407253.838	-3.109	254+72.18 R215.35
2549	318141.349	3407246.023	-3.190	254+72.18 R223.45
2550	318139.058	3407237.610	-3.112	254+72.18 R232.17
2551	318138.258	3407234.672	-3.123	254+72.18 R235.21
2552	318134.890	3407222.304	-2.933	254+72.18 R248.03
2553	318134.679	3407221.531	-2.622	254+72.18 R248.83
2554	318134.483	3407220.811	-2.922	254+72.18 R249.58
2555	318131.641	3407210.375	-3.274	254+72.18 R260.39
2556	318131.607	3407210.251	-3.275	254+72.18 R260.52
2557	318131.288	3407209.080	-3.247	254+72.18 R261.74
2558	318128.179	3407197.662	-2.961	254+72.18 R273.57
2559	318127.194	3407194.044	-2.948	254+72.18 R277.32
2560	318124.414	3407183.834	-2.933	254+72.18 R287.90
2561	318122.922	3407178.358	-2.863	254+72.18 R293.58
2562	318121.670	3407173.760	-2.855	254+72.18 R298.34
2563	318120.002	3407167.633	-2.780	254+72.18 R304.69
2564	318119.130	3407164.433	-2.798	254+72.18 R308.01
2565	318115.281	3407150.299	-2.857	254+72.18 R322.66
2566	318112.711	3407140.862	-2.878	254+72.18 R332.44
2567	318111.823	3407137.601	-2.819	254+72.18 R335.82
2568	318109.348	3407128.512	-2.864	254+72.18 R345.24
2569	318109.142	3407127.753	-2.875	254+72.18 R346.02
2570	318108.856	3407126.703	-2.861	254+72.18 R347.11
2571	318108.537	3407125.531	-2.892	254+72.18 R348.33
2572	318106.314	3407117.370	-2.793	254+72.18 R356.79
2573	318105.208	3407113.310	-2.767	254+72.18 R360.99
2574	318104.660	3407111.296	-2.830	254+72.18 R363.08
2575	318103.056	3407105.406	-2.975	254+72.18 R369.19
2576	318102.896	3407104.819	-2.979	254+72.18 R369.79
2577	318100.381	3407095.581	-2.867	254+72.18 R379.37
2578	318096.387	3407080.917	-2.832	254+72.18 R394.57
2579	318094.816	3407075.148	-2.849	254+72.18 R400.55

2631	318144.830	3407261.923	-3.060	254+73.00 R207.19
2632	318142.510	3407253.405	-3.098	254+73.00 R216.02
2633	318140.267	3407245.167	-3.183	254+73.00 R224.56
2634	318138.156	3407237.416	-3.111	254+73.00 R232.59
2635	318137.419	3407234.709	-3.122	254+73.00 R235.40
2636	318133.969	3407222.039	-2.927	254+73.00 R248.53
2637	318133.811	3407221.461	-2.694	254+73.00 R249.13
2638	318133.665	3407220.923	-2.919	254+73.00 R249.68
2639	318131.153	3407211.699	-3.230	254+73.00 R259.24
2640	318130.791	3407210.371	-3.276	254+73.00 R260.62
2641	318130.754	3407210.235	-3.273	254+73.00 R260.76
2642	318127.384	3407197.858	-2.963	254+73.00 R273.59
2643	318126.229	3407193.619	-2.948	254+73.00 R277.98
2644	318123.556	3407183.801	-2.934	254+73.00 R288.16
2645	318121.925	3407177.812	-2.857	254+73.00 R294.37
2646	318120.794	3407173.661	-2.850	254+73.00 R298.67
2647	318119.288	3407168.130	-2.782	254+73.00 R304.40
2648	318118.502	3407165.241	-2.798	254+73.00 R307.39
2649	318114.492	3407150.516	-2.860	254+73.00 R322.66
2650	318112.051	3407141.552	-2.880	254+73.00 R331.95
2651	318111.076	3407137.972	-2.815	254+73.00 R335.66
2652	318108.763	3407129.478	-2.857	254+73.00 R344.46
2653	318108.409	3407128.180	-2.876	254+73.00 R345.81
2654	318107.920	3407126.385	-2.853	254+73.00 R347.67
2655	318107.375	3407124.381	-2.906	254+73.00 R349.74
2656	318104.720	3407114.633	-2.788	254+73.00 R359.85
2657	318104.637	3407114.328	-2.770	254+73.00 R360.16
2658	318104.497	3407113.815	-2.766	254+73.00 R360.69
2659	318102.327	3407105.846	-2.963	254+73.00 R368.95
2660	318102.040	3407104.793	-2.969	254+73.00 R370.04
2661	318099.635	3407095.961	-2.862	254+73.00 R379.20
2662	318095.818	3407081.942	-2.829	254+73.00 R393.73
2663	318093.790	3407074.496	-2.850	254+73.00 R401.44
2664	318092.517	3407069.821	-2.875	254+73.00 R406.29
2665	318092.010	3407067.959	-2.875	254+73.00 R408.22
2666	318091.686	3407066.770	-2.865	254+73.00 R409.45
2667	318082.260	3407032.155	-3.095	254+73.00 R445.33
2668	318073.145	3406998.684	-3.236	254+73.00 R480.02
2669	318072.816	3406997.475	-3.284	254+73.00 R481.27
2670	318070.962	3406990.668	-3.209	254+73.00 R488.32
2671	318067.895	3406979.403	-2.806	254+73.00 R500.00
2672	318147.113	3407573.370	-3.051	255+18.27 L100.00
2673	318147.655	3407566.992	-3.121	255+18.27 L93.60
2674	318147.888	3407564.261	-3.076	255+18.27 L90.86
2675	318148.133	3407561.375	-3.102	255+18.27 L87.96
2676	318151.548	3407521.237	4.030	255+18.27 L47.68
2677	318151.558	3407521.125	4.030	255+18.27 L47.57
2678	318151.650	3407520.041	4.040	255+18.27 L46.48
2679	318151.945	3407516.568	3.929	255+18.27 L42.99
2680	318152.239	3407513.123	3.899	255+18.27 L39.53
2681	318152.565	3407509.292	3.159	255+18.27 L35.69

2733	318175.003	3407245.564	-3.060	255+18.27 R228.99
2734	318175.724	3407237.094	-3.045	255+18.27 R237.49
2735	318175.905	3407234.961	-3.147	255+18.27 R239.63
2736	318176.463	3407228.406	-0.128	255+18.27 R246.21
2737	318176.682	3407225.832	0.083	255+18.27 R248.79
2738	318177.337	3407218.133	-3.099	255+18.27 R256.52
2739	318177.717	3407213.672	-3.024	255+18.27 R261.00
2740	318177.998	3407210.364	-3.058	255+18.27 R264.32
2741	318178.705	3407202.059	-3.089	255+18.27 R272.65
2742	318179.465	3407193.127	-3.038	255+18.27 R281.62
2743	318179.655	3407190.883	-3.086	255+18.27 R283.87
2744	318179.949	3407187.429	-3.071	255+18.27 R287.34
2745	318180.345	3407182.779	-3.109	255+18.27 R292.00
2746	318180.608	3407179.685	-2.975	255+18.27 R295.11
2747	318181.247	3407172.180	-3.034	255+18.27 R302.64
2748	318181.379	3407170.627	-3.025	255+18.27 R304.20
2749	318182.291	3407159.902	-3.241	255+18.27 R314.96
2750	318182.333	3407159.414	-3.244	255+18.27 R315.45
2751	318183.040	3407151.105	-3.204	255+18.27 R323.79
2752	318183.746	3407142.803	-3.142	255+18.27 R332.12
2753	318184.673	3407131.914	-3.132	255+18.27 R343.05
2754	318184.744	3407131.075	-3.119	255+18.27 R343.89
2755	318184.837	3407129.978	-3.119	255+18.27 R344.99
2756	318185.621	3407120.766	-3.123	255+18.27 R354.24
2757	318185.730	3407119.483	-3.122	255+18.27 R355.53
2758	318186.992	3407104.655	-3.168	255+18.27 R370.41
2759	318187.183	3407102.413	-3.186	255+18.27 R372.66
2760	318187.905	3407093.926	-2.893	255+18.27 R381.18
2761	318188.350	3407088.693	-2.885	255+18.27 R386.43
2762	318189.294	3407077.601	-3.097	255+18.27 R397.56
2763	318189.601	3407073.995	-3.111	255+18.27 R401.18
2764	318190.362	3407065.040	-3.084	255+18.27 R410.17
2765	318190.562	3407062.692	-3.081	255+18.27 R412.52
2766	318191.198	3407055.217	-3.163	255+18.27 R420.03
2767	318191.755	3407048.666	-3.213	255+18.27 R426.60
2768	318191.765	3407048.557	-3.212	255+18.27 R426.71
2769	318192.641	3407038.260	-3.192	255+18.27 R437.04
2770	318192.849	3407035.815	-3.194	255+18.27 R439.50
2771	318194.126	3407020.810	-2.799	255+18.27 R454.56
2772	318194.145	3407020.584	-2.803	255+18.27 R454.78
2773	318195.236	3407007.762	-3.140	255+18.27 R467.65
2774	318195.238	3407007.734	-3.140	255+18.27 R467.68
2775	318196.057	3406998.106	-3.069	255+18.27 R477.34
2776	318196.205	3406996.364	-3.110	255+18.27 R479.09
2777	318196.814	3406989.210	-3.131	255+18.27 R486.27
2778	318197.431	3406981.957	-3.155	255+18.27 R493.55
2779	318197.846	3406977.088	-3.125	255+18.27 R498.44
2780	318197.862	3406976.896	-3.126	255+18.27 R498.63
2781	318197.878	3406976.702	-3.126	255+18.27 R498.82
2782	318197.978	3406975.530	-3.139	255+18.27 R500.00
2783	318142.400	3407572.969	-3.145	255+23.00 L100.00

2835	318165.618	3407300.080	-3.401	255+23.00 R173.88
2836	318166.276	3407292.347	-3.505	255+23.00 R181.64
2837	318166.507	3407289.623	-3.457	255+23.00 R184.37
2838	318167.260	3407280.781	-3.343	255+23.00 R193.24
2839	318167.625	3407276.481	-3.283	255+23.00 R197.56
2840	318167.964	3407272.503	-3.322	255+23.00 R201.55
2841	318168.562	3407265.474	-3.240	255+23.00 R208.61
2842	318169.204	3407257.934	-2.966	255+23.00 R216.17
2843	318169.897	3407249.780	-3.180	255+23.00 R224.36
2844	318170.360	3407244.340	-3.127	255+23.00 R229.82
2845	318171.308	3407233.199	-3.175	255+23.00 R241.00
2846	318171.342	3407232.794	-3.169	255+23.00 R241.40
2847	318172.046	3407224.520	0.507	255+23.00 R249.71
2848	318172.304	3407221.496	-0.701	255+23.00 R252.74
2849	318172.794	3407215.739	-3.080	255+23.00 R258.52
2850	318172.817	3407215.464	-3.075	255+23.00 R258.80
2851	318172.834	3407215.261	-3.077	255+23.00 R259.00
2852	318173.730	3407204.732	-3.116	255+23.00 R269.57
2853	318174.693	3407193.409	-3.051	255+23.00 R280.93
2854	318174.706	3407193.267	-3.055	255+23.00 R281.07
2855	318174.724	3407193.048	-3.054	255+23.00 R281.29
2856	318175.024	3407189.518	-3.083	255+23.00 R284.84
2857	318175.612	3407182.608	-3.081	255+23.00 R291.77
2858	318175.972	3407178.380	-2.798	255+23.00 R296.01
2859	318176.152	3407176.270	-2.933	255+23.00 R298.13
2860	318176.667	3407170.217	-3.016	255+23.00 R304.21
2861	318177.303	3407162.743	-3.166	255+23.00 R311.71
2862	318177.557	3407159.750	-3.199	255+23.00 R314.71
2863	318178.832	3407144.769	-3.102	255+23.00 R329.75
2864	318179.200	3407140.439	-3.070	255+23.00 R334.09
2865	318179.410	3407137.973	-3.068	255+23.00 R336.57
2866	318180.004	3407130.997	-2.960	255+23.00 R343.57
2867	318180.780	3407121.872	-2.959	255+23.00 R352.73
2868	318180.896	3407120.507	-2.959	255+23.00 R354.10
2869	318181.737	3407110.622	-2.957	255+23.00 R364.02
2870	318181.871	3407109.045	-2.962	255+23.00 R365.60
2871	318182.739	3407098.847	-3.047	255+23.00 R375.83
2872	318182.893	3407097.042	-2.985	255+23.00 R377.65
2873	318184.148	3407082.283	-2.962	255+23.00 R392.46
2874	318184.375	3407079.623	-3.013	255+23.00 R395.13
2875	318185.132	3407070.722	-3.048	255+23.00 R404.06
2876	318185.329	3407068.405	-3.041	255+23.00 R406.39
2877	318186.381	3407056.043	-3.026	255+23.00 R418.79
2878	318186.750	3407051.704	-3.074	255+23.00 R423.15
2879	318187.376	3407044.343	-3.155	255+23.00 R430.54
2880	318187.694	3407040.610	-3.151	255+23.00 R434.28
2881	318188.329	3407033.140	-3.253	255+23.00 R441.78
2882	318188.872	3407026.757	-3.107	255+23.00 R448.19
2883	318189.446	3407020.018	-2.982	255+23.00 R454.95
2884	318189.917	3407014.484	-3.130	255+23.00 R460.50
2885	318190.843	3407003.594	-2.926	255+23.00 R471.43

2937	318118.186	3407362.132	-4.087	255+65.00 R108.03
2938	318119.161	3407350.676	-4.123	255+65.00 R119.52
2939	318119.180	3407350.448	-4.117	255+65.00 R119.75
2940	318119.451	3407347.270	-4.006	255+65.00 R122.94
2941	318120.617	3407333.569	-3.486	255+65.00 R136.69
2942	318120.697	3407332.619	-3.484	255+65.00 R137.65
2943	318121.900	3407318.486	-3.485	255+65.00 R151.83
2944	318122.087	3407316.289	-3.436	255+65.00 R154.03
2945	318122.965	3407305.968	-3.290	255+65.00 R164.39
2946	318123.177	3407303.474	-3.350	255+65.00 R166.90
2947	318124.543	3407287.415	-3.278	255+65.00 R183.01
2948	318124.580	3407286.988	-3.271	255+65.00 R183.44
2949	318124.766	3407284.798	-3.249	255+65.00 R185.64
2950	318125.332	3407278.149	-3.218	255+65.00 R192.31
2951	318126.009	3407270.191	-3.286	255+65.00 R200.30
2952	318126.115	3407268.939	-3.326	255+65.00 R201.55
2953	318126.952	3407259.101	-2.994	255+65.00 R211.43
2954	318126.975	3407258.841	-2.981	255+65.00 R211.69
2955	318127.962	3407247.241	-2.929	255+65.00 R223.33
2956	318127.990	3407246.904	-2.932	255+65.00 R223.67
2957	318128.903	3407236.179	-3.114	255+65.00 R234.43
2958	318128.966	3407235.441	-3.107	255+65.00 R235.17
2959	318128.996	3407235.084	-3.108	255+65.00 R235.53
2960	318129.658	3407227.305	-2.995	255+65.00 R243.34
2961	318130.158	3407221.425	-2.924	255+65.00 R249.24
2962	318130.187	3407221.086	-2.920	255+65.00 R249.58
2963	318131.103	3407210.317	-3.276	255+65.00 R260.39
2964	318132.265	3407196.656	-2.950	255+65.00 R274.10
2965	318132.296	3407196.295	-2.948	255+65.00 R274.46
2966	318133.327	3407184.181	-2.928	255+65.00 R286.62
2967	318133.337	3407184.058	-2.927	255+65.00 R286.74
2968	318133.369	3407183.680	-2.927	255+65.00 R287.12
2969	318134.321	3407172.492	-3.092	255+65.00 R298.35
2970	318135.399	3407159.831	-2.768	255+65.00 R311.06
2971	318135.662	3407156.739	-2.735	255+65.00 R314.16
2972	318136.038	3407152.314	-2.751	255+65.00 R318.60
2973	318136.595	3407145.769	-2.844	255+65.00 R325.17
2974	318137.248	3407138.092	-2.936	255+65.00 R332.87
2975	318137.399	3407136.318	-2.967	255+65.00 R334.66
2976	318138.399	3407124.561	-2.767	255+65.00 R346.45
2977	318138.421	3407124.301	-2.767	255+65.00 R346.72
2978	318139.267	3407114.367	-2.888	255+65.00 R356.69
2979	318139.332	3407113.597	-2.886	255+65.00 R357.46
2980	318140.143	3407104.068	-2.776	255+65.00 R367.02
2981	318140.251	3407102.797	-2.782	255+65.00 R368.30
2982	318141.012	3407093.848	-2.846	255+65.00 R377.28
2983	318141.866	3407083.811	-2.942	255+65.00 R387.35
2984	318141.888	3407083.558	-2.940	255+65.00 R387.61
2985	318142.491	3407076.467	-2.714	255+65.00 R394.72
2986	318142.747	3407073.458	-2.616	255+65.00 R397.74
2987	318142.755	3407073.365	-2.617	255+65.00 R397.84

3039	318079.115	3407384.905	-3.248	256+02.00 R82.02
3040	318080.668	3407366.657	-3.401	256+02.00 R100.34
3041	318081.500	3407356.872	-3.423	256+02.00 R110.16
3042	318081.562	3407356.146	-3.420	256+02.00 R110.89
3043	318081.634	3407355.304	-3.482	256+02.00 R111.73
3044	318082.573	3407344.264	-3.188	256+02.00 R122.81
3045	318082.672	3407343.099	-3.311	256+02.00 R123.98
3046	318083.564	3407332.620	-3.485	256+02.00 R134.50
3047	318083.689	3407331.152	-3.443	256+02.00 R135.97
3048	318084.374	3407323.094	-3.391	256+02.00 R144.06
3049	318084.568	3407320.814	-3.457	256+02.00 R146.34
3050	318085.370	3407311.394	-3.375	256+02.00 R155.80
3051	318085.926	3407304.850	-3.348	256+02.00 R162.37
3052	318086.280	3407300.688	-3.033	256+02.00 R166.54
3053	318086.764	3407295.010	-3.198	256+02.00 R172.24
3054	318087.492	3407286.447	-3.123	256+02.00 R180.84
3055	318088.223	3407277.852	-3.120	256+02.00 R189.46
3056	318088.522	3407274.341	-3.140	256+02.00 R192.99
3057	318088.566	3407273.826	-3.147	256+02.00 R193.50
3058	318088.607	3407273.347	-3.142	256+02.00 R193.98
3059	318088.995	3407268.785	-3.132	256+02.00 R198.56
3060	318089.477	3407263.116	-3.126	256+02.00 R204.25
3061	318090.362	3407252.711	-3.153	256+02.00 R214.69
3062	318090.600	3407249.916	-3.142	256+02.00 R217.50
3063	318090.687	3407248.891	-3.142	256+02.00 R218.53
3064	318091.404	3407240.474	-3.147	256+02.00 R226.97
3065	318092.295	3407230.003	-3.321	256+02.00 R237.48
3066	318092.422	3407228.500	-3.309	256+02.00 R238.99
3067	318092.622	3407226.153	-3.346	256+02.00 R241.35
3068	318093.443	3407216.501	-3.249	256+02.00 R251.03
3069	318093.569	3407215.028	-3.249	256+02.00 R252.51
3070	318095.384	3407193.686	-3.059	256+02.00 R273.93
3071	318095.485	3407192.508	-3.055	256+02.00 R275.11
3072	318095.536	3407191.903	-3.031	256+02.00 R275.72
3073	318096.316	3407182.736	-2.908	256+02.00 R284.92
3074	318096.624	3407179.113	-2.820	256+02.00 R288.56
3075	318096.947	3407175.323	-2.848	256+02.00 R292.36
3076	318097.248	3407171.781	-2.603	256+02.00 R295.92
3077	318097.638	3407167.195	-2.922	256+02.00 R300.52
3078	318097.866	3407164.520	-2.984	256+02.00 R303.20
3079	318098.492	3407157.157	-2.984	256+02.00 R310.59
3080	318098.701	3407154.704	-2.917	256+02.00 R313.06
3081	318098.929	3407152.026	-2.960	256+02.00 R315.74
3082	318099.638	3407143.695	-2.839	256+02.00 R324.10
3083	318099.811	3407141.660	-2.784	256+02.00 R326.15
3084	318100.569	3407132.748	-2.888	256+02.00 R335.09
3085	318101.302	3407124.132	-2.792	256+02.00 R343.74
3086	318101.513	3407121.658	-2.875	256+02.00 R346.22
3087	318101.634	3407120.236	-2.882	256+02.00 R347.65
3088	318101.762	3407118.729	-2.822	256+02.00 R349.16
3089	318102.206	3407113.513	-2.769	256+02.00 R354.39

3141	318063.064	3407453.946	-1.999	256+40.71 R30.94
3142	318064.516	3407453.483	-2.354	256+40.71 R32.46
3143	318069.179	3407451.995	-3.505	256+40.71 R37.36
3144	318076.753	3407449.579	-6.754	256+40.71 R45.31
3145	318077.386	3407449.377	-6.972	256+40.71 R45.97
3146	318083.753	3407447.346	-8.417	256+40.71 R52.65
3147	318084.294	3407447.173	-8.524	256+40.71 R53.22
3148	318088.117	3407445.953	-8.649	256+40.71 R57.23
3149	318094.585	3407443.890	-7.041	256+40.71 R64.02
3150	318103.522	3407441.038	-8.031	256+40.71 R73.40
3151	318113.424	3407437.879	-6.667	256+40.71 R83.80
3152	318120.189	3407435.721	-5.991	256+40.71 R90.90
3153	318122.771	3407434.897	-5.424	256+40.71 R93.61
3154	318126.311	3407433.767	-5.121	256+40.71 R97.33
3155	318126.911	3407433.576	-5.111	256+40.71 R97.96
3156	318128.047	3407433.214	-4.987	256+40.71 R99.15
3157	318140.904	3407429.112	-2.080	256+40.71 R112.64
3158	318143.298	3407428.348	-2.431	256+40.71 R115.16
3159	318150.755	3407425.969	-1.928	256+40.71 R122.98
3160	318153.372	3407425.134	-0.966	256+40.71 R125.73
3161	318157.039	3407423.964	-1.722	256+40.71 R129.58
3162	318157.545	3407423.802	-2.064	256+40.71 R130.11
3163	318162.404	3407422.252	-2.145	256+40.71 R135.21
3164	318165.605	3407421.231	-3.698	256+40.71 R138.57
3165	318172.907	3407418.901	-3.778	256+40.71 R146.24
3166	318179.850	3407416.686	-3.379	256+40.71 R153.52
3167	318189.396	3407413.640	-3.577	256+40.71 R163.54
3168	318197.739	3407410.978	-2.997	256+40.71 R172.30
3169	318200.262	3407410.173	-2.807	256+40.71 R174.95
3170	318200.547	3407410.083	-2.803	256+40.71 R175.25
3171	318210.868	3407406.790	-3.398	256+40.71 R186.08
3172	318214.381	3407405.669	-3.448	256+40.71 R189.77
3173	318220.633	3407403.674	-3.438	256+40.71 R196.33
3174	318221.825	3407403.294	-3.396	256+40.71 R197.58
3175	318229.833	3407400.739	-2.491	256+40.71 R205.99
3176	318230.664	3407400.474	-2.309	256+40.71 R206.86
3177	318242.785	3407396.606	-1.710	256+40.71 R219.58
3178	318248.996	3407394.625	0.550	256+40.71 R226.10
3179	318249.576	3407394.440	0.555	256+40.71 R226.71
3180	318256.514	3407392.226	-2.839	256+40.71 R233.99
3181	318256.826	3407392.127	-2.876	256+40.71 R234.32
3182	318267.404	3407388.752	-3.476	256+40.71 R245.43
3183	318267.781	3407388.632	-3.524	256+40.71 R245.82
3184	318275.223	3407386.257	-2.118	256+40.71 R253.63
3185	318275.247	3407386.249	-2.121	256+40.71 R253.66
3186	318275.277	3407386.240	-2.123	256+40.71 R253.69
3187	318289.920	3407381.568	-2.109	256+40.71 R269.06
3188	318292.857	3407380.631	-2.677	256+40.71 R272.14
3189	318298.699	3407378.767	-3.818	256+40.71 R278.28
3190	318298.868	3407378.713	-3.819	256+40.71 R278.45
3191	318313.215	3407374.136	-2.638	256+40.71 R293.51

3243	318042.117	3407457.177	0.687	256+44.00 R10.00
3244	318044.056	3407456.559	0.684	256+44.00 R12.04
3245	318046.905	3407455.649	0.189	256+44.00 R15.03
3246	318055.819	3407452.806	-0.093	256+44.00 R24.38
3247	318057.521	3407452.262	-0.582	256+44.00 R26.17
3248	318060.327	3407451.367	-1.501	256+44.00 R29.11
3249	318064.098	3407450.164	-2.423	256+44.00 R33.07
3250	318065.208	3407449.810	-2.695	256+44.00 R34.24
3251	318068.076	3407448.895	-3.403	256+44.00 R37.25
3252	318072.737	3407447.408	-5.402	256+44.00 R42.14
3253	318075.552	3407446.510	-6.370	256+44.00 R45.10
3254	318080.617	3407444.894	-7.520	256+44.00 R50.41
3255	318082.632	3407444.251	-7.916	256+44.00 R52.53
3256	318096.865	3407439.710	-8.380	256+44.00 R67.47
3257	318097.457	3407439.521	-8.233	256+44.00 R68.09
3258	318098.274	3407439.260	-8.324	256+44.00 R68.95
3259	318099.481	3407438.875	-8.158	256+44.00 R70.21
3260	318113.261	3407434.479	-6.718	256+44.00 R84.68
3261	318122.525	3407431.523	-5.562	256+44.00 R94.40
3262	318123.646	3407431.166	-5.111	256+44.00 R95.58
3263	318133.786	3407427.930	-2.822	256+44.00 R106.22
3264	318137.574	3407426.722	-1.966	256+44.00 R110.20
3265	318137.890	3407426.621	-2.012	256+44.00 R110.53
3266	318148.063	3407423.375	-1.326	256+44.00 R121.21
3267	318148.995	3407423.078	-0.984	256+44.00 R122.19
3268	318156.049	3407420.827	-2.436	256+44.00 R129.59
3269	318156.574	3407420.660	-2.494	256+44.00 R130.14
3270	318156.653	3407420.635	-2.598	256+44.00 R130.22
3271	318157.618	3407420.327	-3.252	256+44.00 R131.24
3272	318167.658	3407417.123	-3.419	256+44.00 R141.78
3273	318168.322	3407416.912	-3.741	256+44.00 R142.47
3274	318178.283	3407413.734	-3.850	256+44.00 R152.93
3275	318178.325	3407413.720	-3.847	256+44.00 R152.97
3276	318178.412	3407413.692	-3.849	256+44.00 R153.06
3277	318189.810	3407410.056	-3.633	256+44.00 R165.03
3278	318191.095	3407409.646	-3.784	256+44.00 R166.38
3279	318201.053	3407406.469	-3.035	256+44.00 R176.83
3280	318204.473	3407405.378	-2.983	256+44.00 R180.42
3281	318211.555	3407403.118	-3.391	256+44.00 R187.85
3282	318219.101	3407400.710	-3.498	256+44.00 R195.77
3283	318225.671	3407398.614	-2.683	256+44.00 R202.67
3284	318241.954	3407393.419	-2.251	256+44.00 R219.76
3285	318243.192	3407393.024	-2.206	256+44.00 R221.06
3286	318249.329	3407391.066	0.346	256+44.00 R227.50
3287	318249.616	3407390.975	0.350	256+44.00 R227.80
3288	318256.572	3407388.755	-3.129	256+44.00 R235.11
3289	318256.913	3407388.647	-3.129	256+44.00 R235.46
3290	318267.075	3407385.405	-3.627	256+44.00 R246.13
3291	318267.477	3407385.276	-3.625	256+44.00 R246.55
3292	318274.243	3407383.117	-2.190	256+44.00 R253.65
3293	318288.202	3407378.664	-2.181	256+44.00 R268.31

3345	318006.591	3407416.029	1.241	256+94.00 L11.34
3346	318007.729	3407415.665	1.038	256+94.00 L10.14
3347	318016.065	3407413.006	-0.023	256+94.00 L1.39
3348	318026.919	3407409.543	-0.211	256+94.00 R10.00
3349	318039.783	3407405.439	-0.433	256+94.00 R23.50
3350	318039.841	3407405.420	-0.433	256+94.00 R23.56
3351	318040.362	3407405.254	-0.524	256+94.00 R24.11
3352	318040.631	3407405.168	-0.543	256+94.00 R24.39
3353	318051.443	3407401.718	-0.865	256+94.00 R35.74
3354	318060.051	3407398.972	-1.207	256+94.00 R44.78
3355	318060.188	3407398.928	-1.214	256+94.00 R44.92
3356	318060.553	3407398.812	-1.238	256+94.00 R45.30
3357	318068.749	3407396.197	-2.789	256+94.00 R53.91
3358	318078.276	3407393.158	-3.013	256+94.00 R63.91
3359	318081.541	3407392.116	-3.125	256+94.00 R67.33
3360	318085.010	3407391.009	-3.218	256+94.00 R70.98
3361	318091.121	3407389.059	-3.439	256+94.00 R77.39
3362	318093.653	3407388.252	-3.543	256+94.00 R80.05
3363	318094.191	3407388.080	-3.510	256+94.00 R80.61
3364	318104.465	3407384.802	-3.796	256+94.00 R91.40
3365	318106.297	3407384.217	-3.863	256+94.00 R93.32
3366	318114.223	3407381.689	-4.122	256+94.00 R101.64
3367	318117.929	3407380.506	-4.211	256+94.00 R105.53
3368	318122.181	3407379.149	-4.219	256+94.00 R109.99
3369	318137.867	3407374.145	-4.229	256+94.00 R126.46
3370	318138.938	3407373.803	-4.217	256+94.00 R127.58
3371	318139.253	3407373.703	-4.217	256+94.00 R127.91
3372	318148.663	3407370.701	-3.966	256+94.00 R137.79
3373	318160.137	3407367.040	-4.182	256+94.00 R149.83
3374	318164.175	3407365.751	-4.073	256+94.00 R154.07
3375	318165.759	3407365.246	-3.976	256+94.00 R155.74
3376	318177.265	3407361.575	-3.088	256+94.00 R167.81
3377	318177.534	3407361.489	-3.132	256+94.00 R168.09
3378	318188.188	3407358.090	-3.204	256+94.00 R179.28
3379	318188.298	3407358.055	-3.188	256+94.00 R179.39
3380	318198.144	3407354.914	-3.217	256+94.00 R189.73
3381	318198.255	3407354.878	-3.242	256+94.00 R189.84
3382	318213.612	3407349.979	-3.102	256+94.00 R205.96
3383	318214.411	3407349.724	-3.207	256+94.00 R206.80
3384	318221.730	3407347.389	-3.208	256+94.00 R214.49
3385	318233.012	3407343.789	-3.230	256+94.00 R226.33
3386	318237.055	3407342.499	-3.161	256+94.00 R230.57
3387	318237.167	3407342.463	-3.217	256+94.00 R230.69
3388	318247.736	3407339.092	-3.217	256+94.00 R241.78
3389	318248.246	3407338.929	-3.242	256+94.00 R242.32
3390	318257.359	3407336.021	-3.207	256+94.00 R251.88
3391	318257.832	3407335.870	-3.107	256+94.00 R252.38
3392	318258.807	3407335.559	-3.106	256+94.00 R253.40
3393	318273.890	3407330.747	-3.117	256+94.00 R269.24
3394	318284.360	3407327.407	-3.044	256+94.00 R280.23
3395	318284.962	3407327.215	-3.162	256+94.00 R280.86

3447	318005.049	3407341.429	1.365	257+63.92 R10.00
3448	318010.111	3407338.849	0.705	257+63.92 R15.68
3449	318019.919	3407333.849	-0.954	257+63.92 R26.69
3450	318021.434	3407333.077	-0.775	257+63.92 R28.39
3451	318021.607	3407332.989	-0.797	257+63.92 R28.58
3452	318030.292	3407328.562	-0.732	257+63.92 R38.33
3453	318031.235	3407328.081	-0.780	257+63.92 R39.39
3454	318040.694	3407323.260	-1.194	257+63.92 R50.01
3455	318046.823	3407320.135	-2.046	257+63.92 R56.89
3456	318048.927	3407319.063	-2.291	257+63.92 R59.25
3457	318056.758	3407315.071	-3.394	257+63.92 R68.04
3458	318056.912	3407314.992	-3.394	257+63.92 R68.21
3459	318064.934	3407310.903	-3.177	257+63.92 R77.22
3460	318065.200	3407310.768	-3.179	257+63.92 R77.51
3461	318074.706	3407305.922	-3.556	257+63.92 R88.18
3462	318076.588	3407304.963	-3.505	257+63.92 R90.30
3463	318086.641	3407299.838	-3.040	257+63.92 R101.58
3464	318090.083	3407298.084	-3.185	257+63.92 R105.44
3465	318096.581	3407294.772	-3.245	257+63.92 R112.74
3466	318097.312	3407294.399	-3.260	257+63.92 R113.56
3467	318102.697	3407291.654	-3.326	257+63.92 R119.60
3468	318107.887	3407289.009	-3.177	257+63.92 R125.43
3469	318120.325	3407282.668	-3.065	257+63.92 R139.39
3470	318120.561	3407282.548	-3.061	257+63.92 R139.65
3471	318121.301	3407282.171	-3.083	257+63.92 R140.48
3472	318123.355	3407281.124	-3.236	257+63.92 R142.79
3473	318130.724	3407277.368	-3.200	257+63.92 R151.06
3474	318131.863	3407276.787	-3.199	257+63.92 R152.34
3475	318139.751	3407272.766	-3.459	257+63.92 R161.19
3476	318140.437	3407272.416	-3.482	257+63.92 R161.96
3477	318140.466	3407272.401	-3.482	257+63.92 R161.99
3478	318142.394	3407271.419	-3.413	257+63.92 R164.16
3479	318150.675	3407267.197	-3.108	257+63.92 R173.45
3480	318150.851	3407267.108	-3.107	257+63.92 R173.65
3481	318161.262	3407261.801	-3.311	257+63.92 R185.34
3482	318161.284	3407261.790	-3.312	257+63.92 R185.36
3483	318161.434	3407261.713	-3.311	257+63.92 R185.53
3484	318169.896	3407257.400	-2.941	257+63.92 R195.03
3485	318174.214	3407255.199	-3.258	257+63.92 R199.87
3486	318183.263	3407250.586	-2.762	257+63.92 R210.03
3487	318185.157	3407249.621	-2.651	257+63.92 R212.16
3488	318187.817	3407248.265	-2.721	257+63.92 R215.14
3489	318194.313	3407244.954	-2.981	257+63.92 R222.43
3490	318194.531	3407244.842	-2.878	257+63.92 R222.68
3491	318202.678	3407240.689	-3.102	257+63.92 R231.82
3492	318211.004	3407236.445	-3.238	257+63.92 R241.17
3493	318212.066	3407235.904	-3.236	257+63.92 R242.36
3494	318212.391	3407235.739	-3.234	257+63.92 R242.72
3495	318222.235	3407230.721	-3.162	257+63.92 R253.77
3496	318224.084	3407229.778	-3.154	257+63.92 R255.85
3497	318231.366	3407226.066	-3.130	257+63.92 R264.02

3549	317961.362	3407236.067	1.291	258+83.75 R19.89
3550	317964.840	3407235.510	1.043	258+83.75 R23.41
3551	317966.032	3407235.319	0.307	258+83.75 R24.62
3552	317982.772	3407232.640	0.096	258+83.75 R41.57
3553	317989.629	3407231.543	-0.360	258+83.75 R48.52
3554	317999.360	3407229.986	-0.903	258+83.75 R58.37
3555	317999.721	3407229.928	-0.880	258+83.75 R58.74
3556	317999.792	3407229.916	-0.882	258+83.75 R58.81
3557	318015.337	3407227.429	-1.905	258+83.75 R74.55
3558	318016.180	3407227.294	-1.925	258+83.75 R75.41
3559	318016.536	3407227.237	-1.938	258+83.75 R75.77
3560	318026.722	3407225.606	-2.584	258+83.75 R86.08
3561	318027.733	3407225.445	-2.647	258+83.75 R87.11
3562	318028.889	3407225.259	-2.690	258+83.75 R88.28
3563	318031.043	3407224.915	-2.709	258+83.75 R90.46
3564	318035.886	3407224.140	-2.755	258+83.75 R95.36
3565	318036.058	3407224.112	-2.762	258+83.75 R95.54
3566	318037.923	3407223.814	-2.769	258+83.75 R97.43
3567	318045.200	3407222.649	-2.827	258+83.75 R104.80
3568	318050.904	3407221.736	-3.105	258+83.75 R110.57
3569	318051.329	3407221.668	-3.114	258+83.75 R111.00
3570	318051.436	3407221.651	-3.114	258+83.75 R111.11
3571	318052.290	3407221.514	-3.123	258+83.75 R111.98
3572	318057.277	3407220.716	-3.136	258+83.75 R117.03
3573	318093.233	3407214.962	-3.248	258+83.75 R153.44
3574	318098.069	3407214.188	-3.248	258+83.75 R158.34
3575	318098.644	3407214.096	-3.227	258+83.75 R158.92
3576	318127.190	3407209.527	-3.244	258+83.75 R187.83
3577	318131.314	3407208.867	-3.242	258+83.75 R192.01
3578	318165.809	3407203.346	-3.086	258+83.75 R226.94
3579	318173.632	3407202.094	-3.102	258+83.75 R234.86
3580	318180.764	3407200.953	-3.077	258+83.75 R242.09
3581	318189.377	3407199.574	-3.016	258+83.75 R250.81
3582	318204.470	3407197.159	-2.820	258+83.75 R266.09
3583	318212.190	3407195.923	-2.863	258+83.75 R273.91
3584	318224.205	3407194.000	-2.957	258+83.75 R286.08
3585	318227.640	3407193.450	-3.038	258+83.75 R289.56
3586	318228.629	3407193.292	-3.055	258+83.75 R290.56
3587	318237.966	3407191.798	-3.153	258+83.75 R300.02
3588	318241.941	3407191.162	-3.204	258+83.75 R304.04
3589	318242.041	3407191.146	-3.204	258+83.75 R304.14
3590	318255.752	3407188.951	-3.088	258+83.75 R318.03
3591	318269.791	3407186.704	-3.168	258+83.75 R332.25
3592	318270.111	3407186.653	-3.169	258+83.75 R332.57
3593	318281.279	3407184.866	-3.175	258+83.75 R343.88
3594	318282.262	3407184.709	-3.153	258+83.75 R344.88
3595	318291.345	3407183.255	-2.926	258+83.75 R354.07
3596	318292.356	3407183.093	-2.942	258+83.75 R355.10
3597	318302.294	3407181.502	-3.024	258+83.75 R365.16
3598	318305.892	3407180.927	-3.040	258+83.75 R368.81
3599	318318.301	3407178.941	-3.089	258+83.75 R381.37

3651	318050.681	3407149.974	-2.891	259+92.34 R127.40
3652	318065.746	3407152.122	-2.708	259+92.34 R142.61
3653	318066.029	3407152.163	-2.709	259+92.34 R142.90
3654	318066.954	3407152.294	-2.716	259+92.34 R143.83
3655	318082.462	3407154.506	-3.006	259+92.34 R159.50
3656	318083.413	3407154.641	-3.025	259+92.34 R160.46
3657	318089.335	3407155.486	-2.970	259+92.34 R166.44
3658	318098.633	3407156.812	-2.974	259+92.34 R175.83
3659	318099.289	3407156.905	-2.916	259+92.34 R176.50
3660	318101.380	3407157.204	-2.897	259+92.34 R178.61
3661	318122.425	3407160.204	-2.796	259+92.34 R199.87
3662	318129.276	3407161.181	-2.753	259+92.34 R206.79
3663	318134.582	3407161.938	-2.787	259+92.34 R212.15
3664	318136.011	3407162.142	-2.871	259+92.34 R213.59
3665	318144.845	3407163.401	-2.985	259+92.34 R222.51
3666	318149.640	3407164.085	-2.936	259+92.34 R227.36
3667	318159.906	3407165.549	-2.987	259+92.34 R237.73
3668	318160.743	3407165.668	-2.981	259+92.34 R238.57
3669	318162.698	3407165.947	-2.990	259+92.34 R240.55
3670	318172.658	3407167.367	-3.074	259+92.34 R250.61
3671	318180.655	3407168.508	-3.050	259+92.34 R258.69
3672	318188.238	3407169.589	-3.180	259+92.34 R266.34
3673	318193.527	3407170.343	-3.178	259+92.34 R271.69
3674	318202.245	3407171.586	-3.097	259+92.34 R280.49
3675	318211.605	3407172.921	-3.090	259+92.34 R289.95
3676	318215.656	3407173.499	-3.076	259+92.34 R294.04
3677	318226.813	3407175.089	-3.187	259+92.34 R305.31
3678	318229.644	3407175.493	-3.192	259+92.34 R308.17
3679	318244.148	3407177.561	-3.098	259+92.34 R322.82
3680	318261.312	3407180.009	-3.166	259+92.34 R340.16
3681	318263.963	3407180.387	-3.174	259+92.34 R342.84
3682	318278.543	3407182.466	-3.176	259+92.34 R357.56
3683	318279.005	3407182.532	-3.166	259+92.34 R358.03
3684	318286.788	3407183.642	-3.048	259+92.34 R365.89
3685	318290.967	3407184.237	-2.913	259+92.34 R370.11
3686	318294.335	3407184.718	-2.962	259+92.34 R373.51
3687	318301.762	3407185.777	-3.027	259+92.34 R381.02
3688	318306.700	3407186.481	-3.051	259+92.34 R386.01
3689	318308.228	3407186.699	-3.010	259+92.34 R387.55
3690	318324.000	3407188.948	-2.996	259+92.34 R403.48
3691	318346.698	3407192.184	-3.081	259+92.34 R426.41
3692	318353.735	3407193.188	-3.111	259+92.34 R433.52
3693	318381.232	3407197.109	-3.229	259+92.34 R461.29
3694	318383.400	3407197.418	-3.247	259+92.34 R463.48
3695	318386.150	3407197.810	-3.264	259+92.34 R466.26
3696	318386.408	3407197.847	-3.262	259+92.34 R466.52
3697	318386.872	3407197.913	-3.253	259+92.34 R466.99
3698	318419.553	3407202.573	-3.247	259+92.34 R500.00
3699	317863.108	3406941.676	0.724	261+24.02 L100.00
3700	317863.546	3406942.004	0.778	261+24.02 L99.45
3701	317905.883	3406973.710	1.268	261+24.02 L46.56

3753	318134.325	3407144.791	-2.797	261+24.02 R238.84
3754	318135.055	3407145.338	-2.810	261+24.02 R239.75
3755	318139.554	3407148.707	-2.884	261+24.02 R245.38
3756	318141.646	3407150.274	-2.893	261+24.02 R247.99
3757	318151.104	3407157.357	-2.910	261+24.02 R259.81
3758	318151.369	3407157.556	-2.910	261+24.02 R260.14
3759	318151.472	3407157.633	-2.913	261+24.02 R260.27
3760	318151.513	3407157.663	-2.912	261+24.02 R260.32
3761	318160.954	3407164.734	-2.987	261+24.02 R272.11
3762	318161.015	3407164.780	-2.986	261+24.02 R272.19
3763	318165.362	3407168.035	-2.996	261+24.02 R277.62
3764	318169.143	3407170.867	-3.005	261+24.02 R282.34
3765	318169.223	3407170.926	-3.004	261+24.02 R282.44
3766	318178.432	3407177.823	-2.913	261+24.02 R293.95
3767	318184.264	3407182.191	-3.083	261+24.02 R301.23
3768	318185.184	3407182.880	-3.084	261+24.02 R302.38
3769	318190.138	3407186.590	-3.134	261+24.02 R308.57
3770	318197.322	3407191.970	-2.988	261+24.02 R317.55
3771	318197.433	3407192.053	-2.987	261+24.02 R317.69
3772	318200.406	3407194.279	-2.914	261+24.02 R321.40
3773	318210.353	3407201.729	-2.678	261+24.02 R333.83
3774	318210.727	3407202.009	-2.681	261+24.02 R334.30
3775	318220.192	3407209.097	-2.957	261+24.02 R346.12
3776	318220.220	3407209.118	-2.957	261+24.02 R346.15
3777	318224.241	3407212.130	-3.041	261+24.02 R351.18
3778	318229.780	3407216.278	-3.156	261+24.02 R358.10
3779	318229.828	3407216.314	-3.157	261+24.02 R358.16
3780	318229.956	3407216.410	-3.156	261+24.02 R358.32
3781	318234.164	3407219.561	-3.098	261+24.02 R363.58
3782	318239.470	3407223.535	-3.026	261+24.02 R370.20
3783	318248.139	3407230.027	-2.647	261+24.02 R381.04
3784	318256.489	3407236.280	-3.114	261+24.02 R391.47
3785	318257.216	3407236.825	-3.115	261+24.02 R392.38
3786	318257.539	3407237.067	-3.117	261+24.02 R392.78
3787	318267.205	3407244.305	-3.114	261+24.02 R404.85
3788	318276.620	3407251.357	-3.093	261+24.02 R416.62
3789	318276.646	3407251.376	-3.093	261+24.02 R416.65
3790	318277.626	3407252.110	-3.111	261+24.02 R417.87
3791	318289.959	3407261.346	-3.274	261+24.02 R433.28
3792	318298.745	3407267.926	-3.359	261+24.02 R444.26
3793	318303.055	3407271.154	-3.348	261+24.02 R449.64
3794	318311.181	3407277.240	-3.273	261+24.02 R459.80
3795	318311.687	3407277.618	-3.278	261+24.02 R460.43
3796	318320.060	3407283.889	-3.227	261+24.02 R470.89
3797	318320.595	3407284.289	-3.232	261+24.02 R471.56
3798	318328.523	3407290.227	-3.305	261+24.02 R481.46
3799	318332.730	3407293.377	-3.169	261+24.02 R486.72
3800	318333.978	3407294.312	-3.151	261+24.02 R488.28
3801	318343.361	3407301.339	-3.235	261+24.02 R500.00
3802	317943.436	3406895.843	0.229	262+86.38 L100.00
3803	317973.206	3406888.427	0.835	262+86.38 L69.32

3855	318294.234	3406808.451	-3.153	262+86.38 R261.52
3856	318305.980	3406805.525	-2.452	262+86.38 R273.63
3857	318328.343	3406799.954	-2.962	262+86.38 R296.67
3858	318330.980	3406799.297	-2.932	262+86.38 R299.39
3859	318339.548	3406797.162	-2.837	262+86.38 R308.22
3860	318345.909	3406795.578	-2.758	262+86.38 R314.77
3861	318350.273	3406794.491	-2.706	262+86.38 R319.27
3862	318362.251	3406791.507	-2.768	262+86.38 R331.62
3863	318373.838	3406788.620	-2.775	262+86.38 R343.56
3864	318374.239	3406788.520	-2.774	262+86.38 R343.97
3865	318384.835	3406785.880	-2.784	262+86.38 R354.89
3866	318384.967	3406785.848	-2.785	262+86.38 R355.03
3867	318391.237	3406784.286	-2.813	262+86.38 R361.49
3868	318395.612	3406783.196	-2.833	262+86.38 R366.00
3869	318400.455	3406781.989	-2.798	262+86.38 R370.99
3870	318405.851	3406780.645	-2.759	262+86.38 R376.55
3871	318415.533	3406778.233	-2.853	262+86.38 R386.53
3872	318415.666	3406778.200	-2.852	262+86.38 R386.66
3873	318422.027	3406776.615	-2.856	262+86.38 R393.22
3874	318435.627	3406773.227	-2.887	262+86.38 R407.23
3875	318440.350	3406772.050	-2.907	262+86.38 R412.10
3876	318440.438	3406772.029	-2.907	262+86.38 R412.19
3877	318448.297	3406770.071	-2.899	262+86.38 R420.29
3878	318451.519	3406769.268	-2.894	262+86.38 R423.61
3879	318457.289	3406767.831	-2.918	262+86.38 R429.56
3880	318462.719	3406766.478	-2.940	262+86.38 R435.15
3881	318462.738	3406766.473	-2.931	262+86.38 R435.17
3882	318462.753	3406766.469	-2.940	262+86.38 R435.19
3883	318474.493	3406763.545	-2.939	262+86.38 R447.29
3884	318474.645	3406763.507	-2.942	262+86.38 R447.44
3885	318484.777	3406760.983	-2.911	262+86.38 R457.89
3886	318484.834	3406760.968	-2.910	262+86.38 R457.95
3887	318496.406	3406758.085	-2.930	262+86.38 R469.87
3888	318496.455	3406758.073	-2.930	262+86.38 R469.92
3889	318501.095	3406756.917	-2.920	262+86.38 R474.70
3890	318511.834	3406754.242	-2.981	262+86.38 R485.77
3891	318516.179	3406753.160	-2.995	262+86.38 R490.25
3892	318525.641	3406750.802	-2.998	262+86.38 R500.00
3893	317915.969	3406785.589	0.643	264+00.00 L100.00
3894	317927.555	3406782.703	0.556	264+00.00 L88.06
3895	317977.573	3406770.242	0.587	264+00.00 L36.51
3896	317978.488	3406770.014	0.537	264+00.00 L35.57
3897	317993.370	3406766.307	0.562	264+00.00 L20.23
3898	317999.878	3406764.685	0.532	264+00.00 L13.53
3899	318016.822	3406760.464	1.024	264+00.00 R3.94
3900	318017.751	3406760.233	1.072	264+00.00 R4.89
3901	318022.707	3406758.998	1.000	264+00.00 R10.00
3902	318035.486	3406755.815	0.817	264+00.00 R23.17
3903	318036.086	3406755.665	0.818	264+00.00 R23.79
3904	318036.503	3406755.561	0.824	264+00.00 R24.22
3905	318054.822	3406750.997	0.330	264+00.00 R43.10

3957	318394.517	3406666.372	-3.307	264+00.00 R393.17
3958	318403.686	3406664.087	-3.377	264+00.00 R402.62
3959	318404.033	3406664.001	-3.371	264+00.00 R402.98
3960	318413.860	3406661.553	-3.509	264+00.00 R413.11
3961	318414.614	3406661.365	-3.502	264+00.00 R413.89
3962	318423.684	3406659.106	-3.424	264+00.00 R423.23
3963	318425.002	3406658.777	-3.392	264+00.00 R424.59
3964	318434.472	3406656.418	-3.200	264+00.00 R434.35
3965	318435.200	3406656.237	-3.171	264+00.00 R435.10
3966	318440.615	3406654.887	-2.971	264+00.00 R440.68
3967	318441.834	3406654.584	-3.151	264+00.00 R441.94
3968	318447.968	3406653.056	-3.220	264+00.00 R448.26
3969	318455.992	3406651.057	-3.430	264+00.00 R456.53
3970	318456.608	3406650.903	-3.429	264+00.00 R457.16
3971	318466.126	3406648.532	-3.382	264+00.00 R466.97
3972	318466.987	3406648.318	-3.381	264+00.00 R467.86
3973	318475.787	3406646.126	-3.293	264+00.00 R476.93
3974	318476.949	3406645.836	-3.284	264+00.00 R478.13
3975	318486.732	3406643.399	-3.323	264+00.00 R488.21
3976	318487.930	3406643.100	-3.315	264+00.00 R489.44
3977	318498.149	3406640.555	-3.225	264+00.00 R499.97
3978	318498.174	3406640.548	-3.225	264+00.00 R500.00
3979	318029.028	3406844.249	1.162	264+15.65 L100.00
3980	318027.708	3406837.720	0.941	264+15.65 L93.34
3981	318025.894	3406828.743	0.627	264+15.65 L84.18
3982	318023.376	3406816.281	0.333	264+15.65 L71.47
3983	318018.164	3406790.490	0.585	264+15.65 L45.15
3984	318016.317	3406781.349	0.860	264+15.65 L35.83
3985	318013.165	3406765.754	0.948	264+15.65 L19.92
3986	318011.507	3406757.547	0.841	264+15.65 L11.55
3987	318011.046	3406755.269	0.867	264+15.65 L9.22
3988	318008.573	3406743.029	0.318	264+15.65 R3.27
3989	318007.654	3406738.484	0.209	264+15.65 R7.90
3990	318007.239	3406736.428	0.187	264+15.65 R10.00
3991	318006.746	3406733.987	0.161	264+15.65 R12.49
3992	318004.854	3406724.624	-0.286	264+15.65 R22.04
3993	318003.755	3406719.187	-0.263	264+15.65 R27.59
3994	318002.342	3406712.196	-0.620	264+15.65 R34.72
3995	318001.114	3406706.117	-1.082	264+15.65 R40.92
3996	317999.933	3406700.277	-1.780	264+15.65 R46.88
3997	317998.803	3406694.682	-2.045	264+15.65 R52.59
3998	317998.174	3406691.569	-2.166	264+15.65 R55.77
3999	317996.819	3406684.867	-2.396	264+15.65 R62.60
4000	317996.300	3406682.297	-2.532	264+15.65 R65.23
4001	317994.508	3406673.430	-2.608	264+15.65 R74.27
4002	317993.192	3406666.919	-2.678	264+15.65 R80.91
4003	317992.242	3406662.217	-3.031	264+15.65 R85.71
4004	317990.411	3406653.158	-3.041	264+15.65 R94.95
4005	317990.008	3406651.163	-3.132	264+15.65 R96.99
4006	317987.881	3406640.637	-3.233	264+15.65 R107.73
4007	317987.476	3406638.634	-3.275	264+15.65 R109.77

4059	317990.166	3406825.361	0.960	264+50.00 L73.79
4060	317989.616	3406822.636	0.924	264+50.00 L71.01
4061	317989.313	3406821.140	0.939	264+50.00 L69.48
4062	317988.122	3406815.246	0.995	264+50.00 L63.47
4063	317986.767	3406808.537	1.059	264+50.00 L56.62
4064	317983.732	3406793.519	1.245	264+50.00 L41.30
4065	317981.096	3406780.477	0.882	264+50.00 L28.00
4066	317979.356	3406771.865	0.581	264+50.00 L19.21
4067	317977.497	3406762.669	0.381	264+50.00 L9.83
4068	317973.570	3406743.232	-0.281	264+50.00 R10.00
4069	317972.178	3406736.346	-0.515	264+50.00 R17.03
4070	317972.090	3406735.912	-0.521	264+50.00 R17.47
4071	317969.835	3406724.753	-0.393	264+50.00 R28.85
4072	317969.806	3406724.611	-0.399	264+50.00 R29.00
4073	317967.735	3406714.361	-0.646	264+50.00 R39.45
4074	317965.685	3406704.217	-0.755	264+50.00 R49.80
4075	317965.625	3406703.919	-0.769	264+50.00 R50.11
4076	317963.716	3406694.474	-0.730	264+50.00 R59.74
4077	317961.262	3406682.331	-1.350	264+50.00 R72.13
4078	317961.205	3406682.048	-1.372	264+50.00 R72.42
4079	317959.371	3406672.973	-2.455	264+50.00 R81.68
4080	317959.309	3406672.663	-2.470	264+50.00 R82.00
4081	317959.274	3406672.491	-2.476	264+50.00 R82.17
4082	317957.403	3406663.231	-2.793	264+50.00 R91.62
4083	317957.367	3406663.054	-2.803	264+50.00 R91.80
4084	317954.959	3406651.137	-2.904	264+50.00 R103.96
4085	317953.190	3406642.386	-2.999	264+50.00 R112.88
4086	317953.083	3406641.855	-3.038	264+50.00 R113.43
4087	317950.725	3406630.189	-3.051	264+50.00 R125.33
4088	317950.670	3406629.915	-3.063	264+50.00 R125.61
4089	317947.973	3406616.568	-3.192	264+50.00 R139.22
4090	317947.909	3406616.253	-3.198	264+50.00 R139.55
4091	317944.418	3406598.975	-3.160	264+50.00 R157.17
4092	317941.672	3406585.387	-3.136	264+50.00 R171.04
4093	317939.652	3406575.393	-3.281	264+50.00 R181.23
4094	317937.643	3406565.452	-2.613	264+50.00 R191.37
4095	317937.409	3406564.291	-2.615	264+50.00 R192.56
4096	317935.671	3406555.691	-3.137	264+50.00 R201.33
4097	317933.706	3406545.967	-3.081	264+50.00 R211.25
4098	317932.022	3406537.637	-2.956	264+50.00 R219.75
4099	317931.714	3406536.109	-2.981	264+50.00 R221.31
4100	317929.727	3406526.278	-3.010	264+50.00 R231.34
4101	317928.020	3406517.832	-3.004	264+50.00 R239.96
4102	317926.182	3406508.737	-2.962	264+50.00 R249.24
4103	317925.830	3406506.996	-2.923	264+50.00 R251.01
4104	317924.217	3406499.014	-2.840	264+50.00 R259.16
4105	317922.097	3406488.520	-2.890	264+50.00 R269.86
4106	317919.989	3406478.092	-2.912	264+50.00 R280.50
4107	317918.162	3406469.051	-2.815	264+50.00 R289.72
4108	317914.761	3406452.220	-2.818	264+50.00 R306.90
4109	317914.714	3406451.988	-2.817	264+50.00 R307.13

4161	317846.592	3406711.546	-0.837	265+77.30 R66.84
4162	317845.893	3406700.392	-1.733	265+77.30 R78.01
4163	317845.883	3406700.239	-1.741	265+77.30 R78.16
4164	317845.119	3406688.027	-2.496	265+77.30 R90.40
4165	317845.116	3406687.991	-2.497	265+77.30 R90.44
4166	317845.115	3406687.969	-2.497	265+77.30 R90.46
4167	317845.036	3406686.710	-2.519	265+77.30 R91.72
4168	317844.459	3406677.494	-2.669	265+77.30 R100.95
4169	317844.451	3406677.363	-2.670	265+77.30 R101.08
4170	317843.770	3406666.491	-2.853	265+77.30 R111.98
4171	317843.755	3406666.259	-2.856	265+77.30 R112.21
4172	317843.141	3406656.449	-3.000	265+77.30 R122.04
4173	317843.112	3406655.991	-3.001	265+77.30 R122.50
4174	317842.436	3406645.206	-3.055	265+77.30 R133.30
4175	317841.817	3406635.309	-3.240	265+77.30 R143.22
4176	317841.777	3406634.671	-3.246	265+77.30 R143.86
4177	317841.065	3406623.314	-3.226	265+77.30 R155.24
4178	317840.388	3406612.496	-3.213	265+77.30 R166.08
4179	317839.711	3406601.695	-3.305	265+77.30 R176.90
4180	317839.686	3406601.297	-3.311	265+77.30 R177.30
4181	317838.966	3406589.803	-3.080	265+77.30 R188.82
4182	317838.942	3406589.416	-3.054	265+77.30 R189.20
4183	317838.291	3406579.024	-2.764	265+77.30 R199.62
4184	317838.274	3406578.744	-2.781	265+77.30 R199.90
4185	317838.061	3406575.350	-2.782	265+77.30 R203.30
4186	317837.987	3406574.171	-2.793	265+77.30 R204.48
4187	317837.416	3406565.047	-3.249	265+77.30 R213.62
4188	317836.833	3406555.750	-2.872	265+77.30 R222.94
4189	317836.805	3406555.305	-2.861	265+77.30 R223.38
4190	317836.257	3406546.556	-3.122	265+77.30 R232.15
4191	317836.171	3406545.172	-3.144	265+77.30 R233.54
4192	317835.685	3406537.416	-2.953	265+77.30 R241.31
4193	317835.170	3406529.188	-2.881	265+77.30 R249.55
4194	317835.120	3406528.397	-2.890	265+77.30 R250.34
4195	317834.279	3406514.972	-3.224	265+77.30 R263.79
4196	317834.154	3406512.967	-3.196	265+77.30 R265.80
4197	317833.762	3406506.716	-3.014	265+77.30 R272.07
4198	317833.570	3406503.652	-3.094	265+77.30 R275.14
4199	317833.377	3406500.575	-3.096	265+77.30 R278.22
4200	317832.551	3406487.383	-2.919	265+77.30 R291.44
4201	317832.427	3406485.397	-2.891	265+77.30 R293.43
4202	317831.929	3406477.453	-2.850	265+77.30 R301.39
4203	317831.649	3406472.984	-2.900	265+77.30 R305.86
4204	317831.301	3406467.430	-3.004	265+77.30 R311.43
4205	317830.317	3406451.712	-2.911	265+77.30 R327.18
4206	317830.239	3406450.472	-2.923	265+77.30 R328.42
4207	317829.422	3406437.417	-2.716	265+77.30 R341.50
4208	317829.402	3406437.111	-2.711	265+77.30 R341.81
4209	317829.392	3406436.949	-2.711	265+77.30 R341.97
4210	317828.910	3406429.243	-2.702	265+77.30 R349.69
4211	317828.430	3406421.591	-2.698	265+77.30 R357.36

4263	317741.327	3406725.087	-0.649	267+16.15 R68.36
4264	317746.072	3406715.015	-0.906	267+16.15 R79.50
4265	317746.240	3406714.658	-0.911	267+16.15 R79.89
4266	317754.433	3406697.268	-1.859	267+16.15 R99.11
4267	317755.291	3406695.446	-1.917	267+16.15 R101.13
4268	317759.303	3406686.930	-2.173	267+16.15 R110.54
4269	317763.701	3406677.596	-2.480	267+16.15 R120.86
4270	317768.333	3406667.765	-2.470	267+16.15 R131.73
4271	317768.461	3406667.493	-2.475	267+16.15 R132.03
4272	317768.619	3406667.158	-2.482	267+16.15 R132.40
4273	317773.804	3406656.153	-2.693	267+16.15 R144.56
4274	317774.094	3406655.536	-2.704	267+16.15 R145.25
4275	317778.572	3406646.032	-2.690	267+16.15 R155.75
4276	317779.043	3406645.031	-2.699	267+16.15 R156.86
4277	317783.041	3406636.545	-2.949	267+16.15 R166.24
4278	317783.618	3406635.321	-2.976	267+16.15 R167.59
4279	317788.118	3406625.770	-2.938	267+16.15 R178.15
4280	317788.924	3406624.059	-2.941	267+16.15 R180.04
4281	317792.960	3406615.493	-2.936	267+16.15 R189.51
4282	317793.995	3406613.296	-2.941	267+16.15 R191.94
4283	317797.753	3406605.320	-3.026	267+16.15 R200.76
4284	317799.021	3406602.627	-3.058	267+16.15 R203.73
4285	317802.629	3406594.968	-3.193	267+16.15 R212.20
4286	317804.229	3406591.573	-3.124	267+16.15 R215.95
4287	317807.354	3406584.940	-3.201	267+16.15 R223.28
4288	317810.517	3406578.227	-3.217	267+16.15 R230.71
4289	317812.065	3406574.941	-3.096	267+16.15 R234.34
4290	317815.668	3406567.295	-3.093	267+16.15 R242.79
4291	317817.296	3406563.838	-3.264	267+16.15 R246.61
4292	317819.918	3406558.272	-3.271	267+16.15 R252.76
4293	317823.242	3406551.217	-3.121	267+16.15 R260.56
4294	317824.065	3406549.471	-3.096	267+16.15 R262.49
4295	317824.556	3406548.429	-3.083	267+16.15 R263.64
4296	317828.400	3406540.270	-3.047	267+16.15 R272.66
4297	317833.467	3406529.514	-2.900	267+16.15 R284.55
4298	317834.259	3406527.833	-2.908	267+16.15 R286.41
4299	317836.067	3406523.997	-2.994	267+16.15 R290.65
4300	317839.098	3406517.562	-3.203	267+16.15 R297.77
4301	317839.704	3406516.276	-3.207	267+16.15 R299.19
4302	317840.118	3406515.397	-3.215	267+16.15 R300.16
4303	317843.469	3406508.285	-2.962	267+16.15 R308.02
4304	317847.502	3406499.723	-2.860	267+16.15 R317.49
4305	317848.391	3406497.837	-2.872	267+16.15 R319.57
4306	317852.821	3406488.435	-3.009	267+16.15 R329.96
4307	317853.571	3406486.842	-3.008	267+16.15 R331.73
4308	317854.378	3406485.131	-3.013	267+16.15 R333.62
4309	317858.745	3406475.861	-2.842	267+16.15 R343.86
4310	317865.374	3406461.789	-2.845	267+16.15 R359.42
4311	317867.094	3406458.140	-2.840	267+16.15 R363.45
4312	317868.661	3406454.813	-2.824	267+16.15 R367.13
4313	317870.474	3406450.965	-2.837	267+16.15 R371.38

4365	317672.278	3406677.461	-1.388	268+41.75 R92.53
4366	317672.570	3406677.240	-1.398	268+41.75 R92.90
4367	317681.423	3406670.521	-1.971	268+41.75 R104.01
4368	317681.977	3406670.100	-1.976	268+41.75 R104.71
4369	317690.716	3406663.468	-2.161	268+41.75 R115.68
4370	317699.269	3406656.977	-2.206	268+41.75 R126.42
4371	317699.909	3406656.492	-2.207	268+41.75 R127.22
4372	317708.419	3406650.033	-2.599	268+41.75 R137.90
4373	317716.710	3406643.741	-2.677	268+41.75 R148.31
4374	317725.776	3406636.860	-2.610	268+41.75 R159.69
4375	317725.942	3406636.734	-2.610	268+41.75 R159.90
4376	317726.108	3406636.608	-2.612	268+41.75 R160.11
4377	317726.254	3406636.497	-2.611	268+41.75 R160.29
4378	317734.260	3406630.422	-2.808	268+41.75 R170.34
4379	317734.694	3406630.092	-2.817	268+41.75 R170.89
4380	317734.726	3406630.068	-2.817	268+41.75 R170.93
4381	317744.141	3406622.923	-2.815	268+41.75 R182.75
4382	317744.981	3406622.285	-2.842	268+41.75 R183.80
4383	317753.190	3406616.055	-2.840	268+41.75 R194.11
4384	317755.303	3406614.451	-2.833	268+41.75 R196.76
4385	317762.219	3406609.203	-2.878	268+41.75 R205.44
4386	317765.390	3406606.796	-2.872	268+41.75 R209.42
4387	317770.853	3406602.651	-2.959	268+41.75 R216.28
4388	317775.384	3406599.212	-2.995	268+41.75 R221.97
4389	317779.256	3406596.273	-2.924	268+41.75 R226.83
4390	317785.928	3406591.209	-3.091	268+41.75 R235.20
4391	317787.647	3406589.905	-3.138	268+41.75 R237.36
4392	317792.475	3406586.241	-3.220	268+41.75 R243.42
4393	317796.657	3406583.067	-3.250	268+41.75 R248.67
4394	317805.884	3406576.064	-3.244	268+41.75 R260.26
4395	317808.251	3406574.268	-3.149	268+41.75 R263.23
4396	317816.661	3406567.886	-3.076	268+41.75 R273.79
4397	317820.964	3406564.620	-3.267	268+41.75 R279.19
4398	317825.148	3406561.445	-3.273	268+41.75 R284.44
4399	317829.763	3406557.943	-3.170	268+41.75 R290.23
4400	317833.573	3406555.051	-2.916	268+41.75 R295.02
4401	317835.795	3406553.365	-2.916	268+41.75 R297.81
4402	317836.084	3406553.145	-2.953	268+41.75 R298.17
4403	317840.761	3406549.596	-2.831	268+41.75 R304.04
4404	317853.706	3406539.772	-2.923	268+41.75 R320.29
4405	317855.420	3406538.471	-2.961	268+41.75 R322.44
4406	317855.758	3406538.214	-2.973	268+41.75 R322.87
4407	317863.430	3406532.392	-2.958	268+41.75 R332.50
4408	317870.234	3406527.228	-2.993	268+41.75 R341.04
4409	317871.405	3406526.340	-2.948	268+41.75 R342.51
4410	317872.542	3406525.476	-2.933	268+41.75 R343.94
4411	317880.066	3406519.766	-3.003	268+41.75 R353.38
4412	317881.298	3406518.832	-3.025	268+41.75 R354.93
4413	317889.176	3406512.853	-3.022	268+41.75 R364.82
4414	317899.526	3406504.998	-3.056	268+41.75 R377.81
4415	317900.149	3406504.525	-3.045	268+41.75 R378.59

4467	317635.244	3406544.460	-2.808	270+23.28 R152.98
4468	317649.428	3406540.164	-2.808	270+23.28 R167.80
4469	317650.327	3406539.892	-2.841	270+23.28 R168.74
4470	317651.252	3406539.612	-2.848	270+23.28 R169.71
4471	317652.325	3406539.287	-2.841	270+23.28 R170.83
4472	317661.820	3406536.411	-2.840	270+23.28 R180.75
4473	317670.796	3406533.693	-2.909	270+23.28 R190.13
4474	317678.313	3406531.417	-2.889	270+23.28 R197.98
4475	317679.052	3406531.193	-2.903	270+23.28 R198.75
4476	317679.860	3406530.948	-2.904	270+23.28 R199.60
4477	317689.373	3406528.067	-3.003	270+23.28 R209.54
4478	317690.056	3406527.860	-3.002	270+23.28 R210.25
4479	317699.527	3406524.992	-2.940	270+23.28 R220.15
4480	317709.225	3406522.055	-2.959	270+23.28 R230.28
4481	317709.468	3406521.982	-2.960	270+23.28 R230.53
4482	317716.187	3406519.947	-3.166	270+23.28 R237.55
4483	317716.280	3406519.919	-3.167	270+23.28 R237.65
4484	317721.079	3406518.465	-3.148	270+23.28 R242.67
4485	317728.226	3406516.301	-3.120	270+23.28 R250.13
4486	317740.637	3406512.542	-2.926	270+23.28 R263.10
4487	317740.956	3406512.446	-2.925	270+23.28 R263.43
4488	317741.344	3406512.328	-2.925	270+23.28 R263.84
4489	317755.341	3406508.090	-3.056	270+23.28 R278.46
4490	317775.446	3406502.001	-3.076	270+23.28 R299.47
4491	317784.118	3406499.375	-3.136	270+23.28 R308.53
4492	317784.347	3406499.305	-3.132	270+23.28 R308.77
4493	317791.878	3406497.025	-3.096	270+23.28 R316.64
4494	317793.344	3406496.581	-3.088	270+23.28 R318.17
4495	317793.435	3406496.553	-3.088	270+23.28 R318.27
4496	317804.746	3406493.128	-2.996	270+23.28 R330.08
4497	317805.743	3406492.826	-2.996	270+23.28 R331.13
4498	317816.010	3406489.717	-3.082	270+23.28 R341.85
4499	317818.262	3406489.034	-3.085	270+23.28 R344.21
4500	317826.270	3406486.609	-2.971	270+23.28 R352.57
4501	317831.753	3406484.949	-2.892	270+23.28 R358.30
4502	317835.695	3406483.755	-2.870	270+23.28 R362.42
4503	317844.834	3406480.987	-2.981	270+23.28 R371.97
4504	317846.095	3406480.606	-3.000	270+23.28 R373.29
4505	317847.281	3406480.246	-2.978	270+23.28 R374.53
4506	317859.663	3406476.497	-2.847	270+23.28 R387.47
4507	317880.805	3406470.094	-2.917	270+23.28 R409.55
4508	317890.607	3406467.126	-2.826	270+23.28 R419.80
4509	317895.537	3406465.633	-2.857	270+23.28 R424.95
4510	317900.755	3406464.052	-2.747	270+23.28 R430.40
4511	317903.358	3406463.264	-2.782	270+23.28 R433.12
4512	317906.954	3406462.175	-2.693	270+23.28 R436.88
4513	317910.627	3406461.063	-2.738	270+23.28 R440.72
4514	317919.179	3406458.473	-2.859	270+23.28 R449.65
4515	317925.445	3406456.575	-2.904	270+23.28 R456.20
4516	317928.622	3406455.613	-2.856	270+23.28 R459.52
4517	317936.162	3406453.330	-2.795	270+23.28 R467.40

4569	317828.536	3405987.822	-3.013	275+00.00 R499.31
4570	317829.195	3405987.623	-3.031	275+00.00 R500.00
4571	317240.082	3406109.703	-1.897	275+41.36 L100.00
4572	317243.857	3406109.062	-1.874	275+41.36 L96.17
4573	317245.645	3406108.758	-1.868	275+41.36 L94.36
4574	317247.491	3406108.444	-1.865	275+41.36 L92.48
4575	317270.906	3406104.468	-1.091	275+41.36 L68.73
4576	317280.142	3406102.900	-0.868	275+41.36 L59.37
4577	317287.646	3406101.625	-0.790	275+41.36 L51.75
4578	317295.217	3406100.339	-0.934	275+41.36 L44.08
4579	317306.897	3406098.356	1.431	275+41.36 L32.23
4580	317315.657	3406096.868	0.518	275+41.36 L23.34
4581	317325.459	3406095.204	0.916	275+41.36 L13.40
4582	317327.599	3406094.840	0.960	275+41.36 L11.23
4583	317337.291	3406093.194	0.998	275+41.36 L1.40
4584	317339.441	3406092.829	1.113	275+41.36 R0.78
4585	317341.627	3406092.458	0.744	275+41.36 R3.00
4586	317348.529	3406091.286	1.169	275+41.36 R10.00
4587	317351.185	3406090.835	1.332	275+41.36 R12.69
4588	317356.890	3406089.866	1.408	275+41.36 R18.48
4589	317370.774	3406087.508	-0.490	275+41.36 R32.56
4590	317373.383	3406087.065	-0.547	275+41.36 R35.21
4591	317391.906	3406083.919	-0.527	275+41.36 R54.00
4592	317394.918	3406083.408	-0.622	275+41.36 R57.05
4593	317403.248	3406081.993	-0.658	275+41.36 R65.50
4594	317407.246	3406081.314	-0.665	275+41.36 R69.56
4595	317415.566	3406079.901	-0.876	275+41.36 R78.00
4596	317426.761	3406078.000	-1.300	275+41.36 R89.35
4597	317429.234	3406077.580	-1.339	275+41.36 R91.86
4598	317438.225	3406076.053	-1.607	275+41.36 R100.98
4599	317441.195	3406075.549	-1.833	275+41.36 R103.99
4600	317451.000	3406073.884	-2.490	275+41.36 R113.94
4601	317460.210	3406072.320	-2.707	275+41.36 R123.28
4602	317470.047	3406070.649	-2.832	275+41.36 R133.26
4603	317481.216	3406068.752	-2.820	275+41.36 R144.59
4604	317489.224	3406067.393	-2.881	275+41.36 R152.71
4605	317497.192	3406066.039	-2.950	275+41.36 R160.79
4606	317506.073	3406064.531	-2.505	275+41.36 R169.80
4607	317517.154	3406062.649	-2.578	275+41.36 R181.04
4608	317517.966	3406062.512	-2.573	275+41.36 R181.86
4609	317527.966	3406060.813	-2.973	275+41.36 R192.01
4610	317528.714	3406060.686	-2.979	275+41.36 R192.76
4611	317538.326	3406059.054	-3.080	275+41.36 R202.51
4612	317539.153	3406058.913	-3.068	275+41.36 R203.35
4613	317550.760	3406056.942	-3.127	275+41.36 R215.13
4614	317551.508	3406056.815	-3.132	275+41.36 R215.89
4615	317560.971	3406055.208	-2.696	275+41.36 R225.48
4616	317570.287	3406053.626	-2.917	275+41.36 R234.93
4617	317570.964	3406053.511	-2.903	275+41.36 R235.62
4618	317581.753	3406051.679	-2.962	275+41.36 R246.56
4619	317582.199	3406051.603	-2.962	275+41.36 R247.02

4671	317503.440	3405935.035	-3.010	277+05.79 R192.35
4672	317515.162	3405935.290	-2.937	277+05.79 R204.07
4673	317515.649	3405935.300	-2.956	277+05.79 R204.56
4674	317526.292	3405935.532	-3.034	277+05.79 R215.20
4675	317526.741	3405935.542	-3.039	277+05.79 R215.65
4676	317538.202	3405935.791	-2.881	277+05.79 R227.12
4677	317538.685	3405935.802	-2.883	277+05.79 R227.60
4678	317549.408	3405936.035	-2.964	277+05.79 R238.32
4679	317549.759	3405936.043	-2.948	277+05.79 R238.68
4680	317550.114	3405936.050	-2.956	277+05.79 R239.03
4681	317561.792	3405936.304	-2.724	277+05.79 R250.71
4682	317562.154	3405936.312	-2.726	277+05.79 R251.07
4683	317571.986	3405936.526	-2.718	277+05.79 R260.91
4684	317572.267	3405936.532	-2.710	277+05.79 R261.19
4685	317572.601	3405936.540	-2.712	277+05.79 R261.52
4686	317584.974	3405936.809	-2.682	277+05.79 R273.90
4687	317585.181	3405936.813	-2.685	277+05.79 R274.11
4688	317596.137	3405937.052	-2.677	277+05.79 R285.06
4689	317596.298	3405937.055	-2.675	277+05.79 R285.23
4690	317607.927	3405937.308	-2.853	277+05.79 R296.86
4691	317608.092	3405937.312	-2.854	277+05.79 R297.02
4692	317619.748	3405937.566	-2.956	277+05.79 R308.68
4693	317619.953	3405937.570	-2.958	277+05.79 R308.89
4694	317631.937	3405937.831	-2.864	277+05.79 R320.87
4695	317654.240	3405938.316	-2.851	277+05.79 R343.18
4696	317654.538	3405938.323	-2.850	277+05.79 R343.48
4697	317666.123	3405938.575	-2.892	277+05.79 R355.07
4698	317676.909	3405938.809	-2.859	277+05.79 R365.86
4699	317677.115	3405938.814	-2.865	277+05.79 R366.06
4700	317677.316	3405938.818	-2.861	277+05.79 R366.26
4701	317697.639	3405939.260	-2.782	277+05.79 R386.59
4702	317697.705	3405939.262	-2.780	277+05.79 R386.66
4703	317697.786	3405939.264	-2.781	277+05.79 R386.74
4704	317709.355	3405939.515	-3.158	277+05.79 R398.31
4705	317709.486	3405939.518	-3.157	277+05.79 R398.44
4706	317721.465	3405939.779	-2.928	277+05.79 R410.42
4707	317731.691	3405940.001	-2.890	277+05.79 R420.65
4708	317732.034	3405940.009	-2.899	277+05.79 R420.99
4709	317742.399	3405940.234	-2.906	277+05.79 R431.36
4710	317742.708	3405940.241	-2.900	277+05.79 R431.67
4711	317752.709	3405940.459	-3.056	277+05.79 R441.67
4712	317753.008	3405940.465	-3.058	277+05.79 R441.97
4713	317763.829	3405940.701	-2.923	277+05.79 R452.80
4714	317764.288	3405940.711	-2.926	277+05.79 R453.26
4715	317774.183	3405940.926	-2.885	277+05.79 R463.15
4716	317774.293	3405940.928	-2.886	277+05.79 R463.26
4717	317774.422	3405940.931	-2.885	277+05.79 R463.39
4718	317785.835	3405941.180	-3.052	277+05.79 R474.81
4719	317796.688	3405941.416	-2.960	277+05.79 R485.66
4720	317797.083	3405941.424	-2.959	277+05.79 R486.06
4721	317808.702	3405941.677	-2.985	277+05.79 R497.68

4773	317586.981	3405704.880	-2.772	279+82.04 R274.46
4774	317587.027	3405704.888	-2.772	279+82.04 R274.51
4775	317598.444	3405707.013	-2.892	279+82.04 R286.12
4776	317598.605	3405707.043	-2.891	279+82.04 R286.29
4777	317598.746	3405707.069	-2.891	279+82.04 R286.43
4778	317609.321	3405709.037	-2.857	279+82.04 R297.19
4779	317609.562	3405709.082	-2.861	279+82.04 R297.43
4780	317630.923	3405713.058	-3.125	279+82.04 R319.16
4781	317631.231	3405713.115	-3.128	279+82.04 R319.47
4782	317641.868	3405715.095	-3.077	279+82.04 R330.29
4783	317642.200	3405715.156	-3.074	279+82.04 R330.63
4784	317642.507	3405715.214	-3.074	279+82.04 R330.94
4785	317653.105	3405717.186	-2.860	279+82.04 R341.72
4786	317663.227	3405719.070	-2.946	279+82.04 R352.02
4787	317673.722	3405721.023	-2.771	279+82.04 R362.69
4788	317705.772	3405726.988	-2.837	279+82.04 R395.30
4789	317706.783	3405727.176	-2.837	279+82.04 R396.32
4790	317707.091	3405727.234	-2.838	279+82.04 R396.64
4791	317717.577	3405729.185	-2.885	279+82.04 R407.30
4792	317739.439	3405733.254	-2.768	279+82.04 R429.54
4793	317750.110	3405735.240	-2.815	279+82.04 R440.40
4794	317750.197	3405735.256	-2.816	279+82.04 R440.48
4795	317753.195	3405735.814	-2.829	279+82.04 R443.53
4796	317779.940	3405740.792	-2.839	279+82.04 R470.74
4797	317798.279	3405744.205	-2.869	279+82.04 R489.39
4798	317808.709	3405746.146	-2.913	279+82.04 R500.00
4799	317274.032	3405373.807	-0.544	282+84.99 L100.00
4800	317280.871	3405372.629	-0.572	282+84.99 L93.06
4801	317288.247	3405371.358	-0.704	282+84.99 L85.57
4802	317288.560	3405371.304	-0.710	282+84.99 L85.26
4803	317296.322	3405369.967	-0.662	282+84.99 L77.38
4804	317303.963	3405368.650	-0.531	282+84.99 L69.63
4805	317310.341	3405367.552	-0.428	282+84.99 L63.16
4806	317320.905	3405365.732	-0.001	282+84.99 L52.44
4807	317342.188	3405362.065	0.143	282+84.99 L30.84
4808	317342.227	3405362.059	0.146	282+84.99 L30.80
4809	317342.464	3405362.018	0.150	282+84.99 L30.56
4810	317351.212	3405360.511	0.246	282+84.99 L21.68
4811	317352.335	3405360.317	0.259	282+84.99 L20.54
4812	317363.445	3405358.403	1.224	282+84.99 L9.27
4813	317367.983	3405357.622	1.124	282+84.99 L4.67
4814	317382.435	3405355.132	0.785	282+84.99 R10.00
4815	317390.280	3405353.780	0.602	282+84.99 R17.96
4816	317390.346	3405353.769	0.601	282+84.99 R18.03
4817	317390.419	3405353.757	0.600	282+84.99 R18.10
4818	317390.484	3405353.745	0.599	282+84.99 R18.17
4819	317416.326	3405349.293	-0.639	282+84.99 R44.39
4820	317426.547	3405347.533	-0.624	282+84.99 R54.76
4821	317432.057	3405346.583	-0.603	282+84.99 R60.35
4822	317433.822	3405346.279	-0.595	282+84.99 R62.14
4823	317444.671	3405344.410	-0.817	282+84.99 R73.15

4875	317348.464	3405188.554	0.725	284+53.04 R5.16
4876	317352.610	3405186.050	0.497	284+53.04 R10.00
4877	317354.405	3405184.965	0.398	284+53.04 R12.10
4878	317393.175	3405161.545	-0.813	284+53.04 R57.39
4879	317402.535	3405155.890	-0.899	284+53.04 R68.33
4880	317417.548	3405146.821	-1.606	284+53.04 R85.87
4881	317418.740	3405146.101	-1.599	284+53.04 R87.26
4882	317421.623	3405144.359	-1.807	284+53.04 R90.63
4883	317421.647	3405144.345	-1.807	284+53.04 R90.66
4884	317431.821	3405138.199	-2.488	284+53.04 R102.54
4885	317431.930	3405138.134	-2.482	284+53.04 R102.67
4886	317440.524	3405132.941	-2.715	284+53.04 R112.71
4887	317449.299	3405127.641	-2.887	284+53.04 R122.96
4888	317457.946	3405122.417	-2.978	284+53.04 R133.06
4889	317458.255	3405122.231	-2.993	284+53.04 R133.42
4890	317459.050	3405121.751	-2.992	284+53.04 R134.35
4891	317467.877	3405116.418	-3.148	284+53.04 R144.67
4892	317476.599	3405111.150	-3.163	284+53.04 R154.86
4893	317476.930	3405110.949	-3.160	284+53.04 R155.24
4894	317494.187	3405100.525	-2.987	284+53.04 R175.40
4895	317502.848	3405095.293	-2.993	284+53.04 R185.52
4896	317503.239	3405095.057	-2.992	284+53.04 R185.98
4897	317520.932	3405084.369	-3.061	284+53.04 R206.65
4898	317530.096	3405078.833	-3.039	284+53.04 R217.36
4899	317540.282	3405072.680	-3.087	284+53.04 R229.26
4900	317540.483	3405072.558	-3.088	284+53.04 R229.49
4901	317551.909	3405065.656	-2.864	284+53.04 R242.84
4902	317552.183	3405065.490	-2.862	284+53.04 R243.16
4903	317552.387	3405065.367	-2.862	284+53.04 R243.40
4904	317561.649	3405059.772	-2.803	284+53.04 R254.22
4905	317561.770	3405059.699	-2.803	284+53.04 R254.36
4906	317570.991	3405054.128	-2.802	284+53.04 R265.13
4907	317571.120	3405054.051	-2.802	284+53.04 R265.28
4908	317571.245	3405053.975	-2.802	284+53.04 R265.43
4909	317580.296	3405048.507	-2.864	284+53.04 R276.01
4910	317580.470	3405048.402	-2.863	284+53.04 R276.21
4911	317589.271	3405043.086	-2.747	284+53.04 R286.49
4912	317597.934	3405037.853	-2.847	284+53.04 R296.61
4913	317598.232	3405037.673	-2.848	284+53.04 R296.96
4914	317606.940	3405032.412	-2.836	284+53.04 R307.13
4915	317615.624	3405027.166	-2.833	284+53.04 R317.28
4916	317615.928	3405026.983	-2.833	284+53.04 R317.63
4917	317624.578	3405021.757	-2.792	284+53.04 R327.74
4918	317626.108	3405020.833	-2.794	284+53.04 R329.53
4919	317634.759	3405015.607	-2.823	284+53.04 R339.63
4920	317643.181	3405010.520	-2.817	284+53.04 R349.47
4921	317668.594	3404995.168	-2.711	284+53.04 R379.16
4922	317676.974	3404990.106	-2.879	284+53.04 R388.95
4923	317680.970	3404987.692	-2.879	284+53.04 R393.62
4924	317690.223	3404982.102	-2.782	284+53.04 R404.43
4925	317698.937	3404976.838	-2.904	284+53.04 R414.61

4977	317399.984	3404862.582	-2.880	286+85.83 R218.68
4978	317408.157	3404856.585	-2.882	286+85.83 R228.82
4979	317416.424	3404850.518	-2.910	286+85.83 R239.07
4980	317416.657	3404850.347	-2.909	286+85.83 R239.36
4981	317416.901	3404850.168	-2.910	286+85.83 R239.67
4982	317417.179	3404849.964	-2.904	286+85.83 R240.01
4983	317425.748	3404843.676	-2.866	286+85.83 R250.64
4984	317425.965	3404843.516	-2.864	286+85.83 R250.91
4985	317426.399	3404843.198	-2.866	286+85.83 R251.45
4986	317426.615	3404843.040	-2.863	286+85.83 R251.71
4987	317426.828	3404842.883	-2.866	286+85.83 R251.98
4988	317435.476	3404836.537	-2.731	286+85.83 R262.71
4989	317443.831	3404830.406	-2.811	286+85.83 R273.07
4990	317444.099	3404830.209	-2.811	286+85.83 R273.40
4991	317452.318	3404824.178	-2.731	286+85.83 R283.59
4992	317452.621	3404823.955	-2.731	286+85.83 R283.97
4993	317452.927	3404823.731	-2.730	286+85.83 R284.35
4994	317453.231	3404823.508	-2.731	286+85.83 R284.73
4995	317461.873	3404817.166	-2.772	286+85.83 R295.45
4996	317462.230	3404816.904	-2.772	286+85.83 R295.89
4997	317494.201	3404793.442	-2.622	286+85.83 R335.55
4998	317494.632	3404793.126	-2.619	286+85.83 R336.08
4999	317495.061	3404792.811	-2.624	286+85.83 R336.61
5000	317502.909	3404787.053	-2.650	286+85.83 R346.35
5001	317512.320	3404780.147	-2.650	286+85.83 R358.02
5002	317520.604	3404774.067	-2.746	286+85.83 R368.29
5003	317521.124	3404773.685	-2.737	286+85.83 R368.94
5004	317528.741	3404768.096	-2.829	286+85.83 R378.39
5005	317529.245	3404767.726	-2.840	286+85.83 R379.01
5006	317537.603	3404761.593	-2.716	286+85.83 R389.38
5007	317538.156	3404761.187	-2.710	286+85.83 R390.07
5008	317546.105	3404755.354	-2.756	286+85.83 R399.93
5009	317554.019	3404749.546	-2.753	286+85.83 R409.74
5010	317554.518	3404749.179	-2.760	286+85.83 R410.36
5011	317562.484	3404743.334	-2.692	286+85.83 R420.24
5012	317562.993	3404742.961	-2.684	286+85.83 R420.87
5013	317596.525	3404718.353	-2.721	286+85.83 R462.47
5014	317613.397	3404705.972	-2.698	286+85.83 R483.39
5015	317616.268	3404703.866	-2.915	286+85.83 R486.95
5016	317619.815	3404701.262	-2.835	286+85.83 R491.35
5017	317622.872	3404699.019	-2.755	286+85.83 R495.14
5018	317624.428	3404697.877	-2.736	286+85.83 R497.08
5019	317626.786	3404696.147	-2.725	286+85.83 R500.00
5020	317064.919	3404934.968	-0.597	288+59.05 L100.00
5021	317070.715	3404926.456	-0.721	288+59.05 L89.70
5022	317071.846	3404924.795	-0.763	288+59.05 L87.69
5023	317076.928	3404917.331	-0.693	288+59.05 L78.66
5024	317082.539	3404909.090	-0.553	288+59.05 L68.69
5025	317083.161	3404908.176	-0.461	288+59.05 L67.59
5026	317088.861	3404899.805	-0.268	288+59.05 L57.46
5027	317093.565	3404892.896	-0.137	288+59.05 L49.10

5079	317296.813	3404594.390	-2.596	288+59.05 R312.03
5080	317302.395	3404586.192	-2.511	288+59.05 R321.95
5081	317302.429	3404586.142	-2.512	288+59.05 R322.01
5082	317308.403	3404577.368	-2.551	288+59.05 R332.62
5083	317320.217	3404560.018	-2.505	288+59.05 R353.61
5084	317320.251	3404559.968	-2.505	288+59.05 R353.67
5085	317326.172	3404551.272	-2.740	288+59.05 R364.19
5086	317330.538	3404544.860	-2.800	288+59.05 R371.95
5087	317332.056	3404542.630	-2.817	288+59.05 R374.65
5088	317332.159	3404542.478	-2.819	288+59.05 R374.83
5089	317337.695	3404534.349	-2.504	288+59.05 R384.67
5090	317338.464	3404533.219	-2.497	288+59.05 R386.03
5091	317343.561	3404525.734	-2.643	288+59.05 R395.09
5092	317345.041	3404523.560	-2.655	288+59.05 R397.72
5093	317349.928	3404516.383	-2.613	288+59.05 R406.40
5094	317351.890	3404513.500	-2.589	288+59.05 R409.89
5095	317355.596	3404508.057	-2.554	288+59.05 R416.47
5096	317358.198	3404504.236	-2.578	288+59.05 R421.10
5097	317361.385	3404499.555	-2.642	288+59.05 R426.76
5098	317364.488	3404494.998	-2.655	288+59.05 R432.27
5099	317367.138	3404491.106	-2.617	288+59.05 R436.98
5100	317371.332	3404484.947	-2.630	288+59.05 R444.43
5101	317372.224	3404483.636	-2.636	288+59.05 R446.02
5102	317373.754	3404481.390	-2.622	288+59.05 R448.74
5103	317379.672	3404472.698	-2.576	288+59.05 R459.25
5104	317383.275	3404467.405	-2.543	288+59.05 R465.66
5105	317387.892	3404460.625	-2.532	288+59.05 R473.86
5106	317391.891	3404454.752	-2.549	288+59.05 R480.96
5107	317397.728	3404446.180	-2.531	288+59.05 R491.33
5108	317402.605	3404439.017	-2.578	288+59.05 R500.00
5109	316921.689	3404834.261	-1.040	290+39.43 L97.51
5110	316921.854	3404833.988	-1.038	290+39.43 L97.19
5111	316921.909	3404833.898	-1.039	290+39.43 L97.09
5112	316921.924	3404833.872	-1.039	290+39.43 L97.06
5113	316927.805	3404824.135	-0.816	290+39.43 L85.68
5114	316927.817	3404824.114	-0.816	290+39.43 L85.66
5115	316934.161	3404813.610	-0.978	290+39.43 L73.39
5116	316934.189	3404813.563	-0.977	290+39.43 L73.33
5117	316943.319	3404798.446	-0.916	290+39.43 L55.67
5118	316943.386	3404798.336	-0.914	290+39.43 L55.54
5119	316954.751	3404779.516	0.125	290+39.43 L33.56
5120	316954.762	3404779.498	0.126	290+39.43 L33.54
5121	316954.859	3404779.339	0.123	290+39.43 L33.35
5122	316964.331	3404763.655	0.730	290+39.43 L15.03
5123	316964.379	3404763.574	0.726	290+39.43 L14.93
5124	316964.518	3404763.345	0.729	290+39.43 L14.67
5125	316970.292	3404753.784	0.545	290+39.43 L3.50
5126	316972.374	3404750.336	0.670	290+39.43 R0.53
5127	316977.270	3404742.230	0.318	290+39.43 R10.00
5128	316987.116	3404725.926	-0.390	290+39.43 R29.05
5129	316987.255	3404725.695	-0.396	290+39.43 R29.32

5181	317205.358	3404364.556	-2.634	290+39.43 R451.20
5182	317212.078	3404353.430	-2.572	290+39.43 R464.20
5183	317215.530	3404347.714	-2.494	290+39.43 R470.88
5184	317216.627	3404345.898	-2.470	290+39.43 R473.00
5185	317222.054	3404336.911	-2.512	290+39.43 R483.50
5186	317230.584	3404322.787	-2.558	290+39.43 R500.00
5187	316700.092	3404697.929	-1.305	292+69.52 L100.00
5188	316701.159	3404696.989	-1.288	292+69.52 L98.58
5189	316701.520	3404696.672	-1.287	292+69.52 L98.10
5190	316702.885	3404695.469	-1.283	292+69.52 L96.28
5191	316706.358	3404692.411	-1.159	292+69.52 L91.65
5192	316707.884	3404691.067	-1.231	292+69.52 L89.62
5193	316709.625	3404689.534	-0.884	292+69.52 L87.30
5194	316710.414	3404688.839	-0.845	292+69.52 L86.25
5195	316710.433	3404688.823	-0.846	292+69.52 L86.22
5196	316782.645	3404625.231	-0.535	292+69.52 R10.00
5197	316794.559	3404614.739	-0.484	292+69.52 R25.88
5198	316794.634	3404614.673	-0.484	292+69.52 R25.98
5199	316794.713	3404614.603	-0.486	292+69.52 R26.08
5200	316794.784	3404614.541	-0.482	292+69.52 R26.18
5201	316794.858	3404614.476	-0.488	292+69.52 R26.27
5202	316802.304	3404607.919	-0.655	292+69.52 R36.19
5203	316806.956	3404603.822	-0.852	292+69.52 R42.39
5204	316810.138	3404601.020	-0.977	292+69.52 R46.63
5205	316810.164	3404600.998	-0.978	292+69.52 R46.67
5206	316827.070	3404586.110	-1.772	292+69.52 R69.19
5207	316827.163	3404586.028	-1.771	292+69.52 R69.32
5208	316835.210	3404578.941	-1.853	292+69.52 R80.04
5209	316835.321	3404578.843	-1.852	292+69.52 R80.19
5210	316845.071	3404570.258	-2.175	292+69.52 R93.18
5211	316845.193	3404570.150	-2.177	292+69.52 R93.34
5212	316852.650	3404563.583	-2.551	292+69.52 R103.28
5213	316852.782	3404563.467	-2.555	292+69.52 R103.46
5214	316861.104	3404556.139	-2.610	292+69.52 R114.54
5215	316861.211	3404556.045	-2.625	292+69.52 R114.69
5216	316870.362	3404547.985	-2.645	292+69.52 R126.88
5217	316870.431	3404547.925	-2.646	292+69.52 R126.97
5218	316878.732	3404540.615	-2.656	292+69.52 R138.03
5219	316878.794	3404540.560	-2.657	292+69.52 R138.12
5220	316885.414	3404534.731	-2.718	292+69.52 R146.94
5221	316890.806	3404529.982	-2.693	292+69.52 R154.12
5222	316892.885	3404528.151	-2.711	292+69.52 R156.89
5223	316895.251	3404526.068	-2.705	292+69.52 R160.05
5224	316895.271	3404526.050	-2.706	292+69.52 R160.07
5225	316895.295	3404526.029	-2.706	292+69.52 R160.10
5226	316895.349	3404525.982	-2.706	292+69.52 R160.18
5227	316904.059	3404518.312	-2.870	292+69.52 R171.78
5228	316936.895	3404489.396	-2.692	292+69.52 R215.53
5229	316937.232	3404489.099	-2.688	292+69.52 R215.98
5230	316945.111	3404482.160	-2.579	292+69.52 R226.48
5231	316945.295	3404481.998	-2.576	292+69.52 R226.73

5283	316656.471	3404428.391	-0.673	295+22.33 R50.32
5284	316659.461	3404427.543	-0.554	295+22.33 R53.43
5285	316670.502	3404424.415	-0.475	295+22.33 R64.90
5286	316677.136	3404422.535	-0.915	295+22.33 R71.80
5287	316679.554	3404421.850	-0.946	295+22.33 R74.31
5288	316689.079	3404419.150	-1.100	295+22.33 R84.21
5289	316705.071	3404414.618	-1.334	295+22.33 R100.83
5290	316705.102	3404414.609	-1.334	295+22.33 R100.86
5291	316705.137	3404414.600	-1.336	295+22.33 R100.90
5292	316716.168	3404411.474	-2.057	295+22.33 R112.37
5293	316726.516	3404408.541	-2.205	295+22.33 R123.12
5294	316736.099	3404405.826	-2.443	295+22.33 R133.08
5295	316736.253	3404405.782	-2.444	295+22.33 R133.24
5296	316746.605	3404402.848	-2.584	295+22.33 R144.00
5297	316756.506	3404400.043	-2.647	295+22.33 R154.29
5298	316756.598	3404400.016	-2.649	295+22.33 R154.39
5299	316756.673	3404399.995	-2.652	295+22.33 R154.47
5300	316774.045	3404395.072	-2.672	295+22.33 R172.52
5301	316774.076	3404395.063	-2.672	295+22.33 R172.55
5302	316785.383	3404391.859	-2.761	295+22.33 R184.31
5303	316791.974	3404389.992	-2.827	295+22.33 R191.16
5304	316797.952	3404388.297	-2.820	295+22.33 R197.37
5305	316803.236	3404386.800	-2.814	295+22.33 R202.86
5306	316803.306	3404386.780	-2.814	295+22.33 R202.93
5307	316812.488	3404384.178	-2.854	295+22.33 R212.48
5308	316823.119	3404381.165	-2.631	295+22.33 R223.53
5309	316823.169	3404381.151	-2.631	295+22.33 R223.58
5310	316831.137	3404378.893	-2.909	295+22.33 R231.86
5311	316831.230	3404378.867	-2.908	295+22.33 R231.96
5312	316840.146	3404376.340	-2.788	295+22.33 R241.23
5313	316844.690	3404375.052	-2.785	295+22.33 R245.95
5314	316854.802	3404372.187	-2.752	295+22.33 R256.46
5315	316859.505	3404370.854	-2.769	295+22.33 R261.35
5316	316871.043	3404367.585	-2.687	295+22.33 R273.34
5317	316871.292	3404367.514	-2.688	295+22.33 R273.60
5318	316880.903	3404364.790	-2.561	295+22.33 R283.59
5319	316890.979	3404361.935	-2.594	295+22.33 R294.06
5320	316902.706	3404358.612	-2.558	295+22.33 R306.25
5321	316902.859	3404358.569	-2.562	295+22.33 R306.41
5322	316924.116	3404352.545	-2.669	295+22.33 R328.50
5323	316924.555	3404352.420	-2.663	295+22.33 R328.96
5324	316924.990	3404352.297	-2.656	295+22.33 R329.41
5325	316934.322	3404349.652	-2.595	295+22.33 R339.11
5326	316934.678	3404349.551	-2.597	295+22.33 R339.48
5327	316944.869	3404346.664	-2.576	295+22.33 R350.07
5328	316945.137	3404346.588	-2.577	295+22.33 R350.35
5329	316945.424	3404346.506	-2.575	295+22.33 R350.65
5330	316954.873	3404343.829	-2.593	295+22.33 R360.47
5331	316955.069	3404343.773	-2.594	295+22.33 R360.67
5332	316965.348	3404340.860	-2.588	295+22.33 R371.36
5333	316969.101	3404339.797	-2.561	295+22.33 R375.26

5385	316707.843	3404264.658	-2.697	297+19.18 R153.92
5386	316708.096	3404264.678	-2.700	297+19.18 R154.17
5387	316717.813	3404265.434	-2.880	297+19.18 R163.92
5388	316717.997	3404265.448	-2.884	297+19.18 R164.10
5389	316729.119	3404266.313	-2.885	297+19.18 R175.26
5390	316729.236	3404266.322	-2.886	297+19.18 R175.37
5391	316741.052	3404267.242	-2.962	297+19.18 R187.23
5392	316752.921	3404268.165	-2.780	297+19.18 R199.13
5393	316765.254	3404269.124	-2.931	297+19.18 R211.50
5394	316776.717	3404270.016	-2.787	297+19.18 R223.00
5395	316788.708	3404270.949	-2.542	297+19.18 R235.03
5396	316788.766	3404270.954	-2.542	297+19.18 R235.08
5397	316800.549	3404271.870	-2.559	297+19.18 R246.90
5398	316800.584	3404271.873	-2.559	297+19.18 R246.94
5399	316812.260	3404272.781	-2.480	297+19.18 R258.65
5400	316813.483	3404272.876	-2.470	297+19.18 R259.88
5401	316813.980	3404272.915	-2.460	297+19.18 R260.37
5402	316828.809	3404274.069	-2.356	297+19.18 R275.25
5403	316839.419	3404274.894	-2.343	297+19.18 R285.89
5404	316852.515	3404275.913	-2.302	297+19.18 R299.03
5405	316853.101	3404275.958	-2.299	297+19.18 R299.61
5406	316857.036	3404276.265	-2.344	297+19.18 R303.56
5407	316890.748	3404278.887	-2.649	297+19.18 R337.37
5408	316900.391	3404279.637	-2.547	297+19.18 R347.05
5409	316911.491	3404280.501	-2.381	297+19.18 R358.18
5410	316912.443	3404280.575	-2.377	297+19.18 R359.13
5411	316923.040	3404281.399	-2.461	297+19.18 R369.76
5412	316924.466	3404281.510	-2.460	297+19.18 R371.19
5413	316934.563	3404282.296	-2.490	297+19.18 R381.32
5414	316944.310	3404283.054	-2.450	297+19.18 R391.10
5415	316945.765	3404283.167	-2.454	297+19.18 R392.56
5416	316955.764	3404283.945	-2.523	297+19.18 R402.59
5417	316957.391	3404284.072	-2.523	297+19.18 R404.22
5418	316959.102	3404284.205	-2.511	297+19.18 R405.94
5419	316969.223	3404284.992	-2.506	297+19.18 R416.09
5420	316971.258	3404285.150	-2.543	297+19.18 R418.13
5421	316980.501	3404285.869	-2.614	297+19.18 R427.40
5422	316989.177	3404286.544	-2.480	297+19.18 R436.10
5423	316991.257	3404286.706	-2.461	297+19.18 R438.19
5424	316993.428	3404286.875	-2.456	297+19.18 R440.36
5425	317001.852	3404287.530	-2.440	297+19.18 R448.81
5426	317010.951	3404288.238	-2.475	297+19.18 R457.94
5427	317012.729	3404288.377	-2.502	297+19.18 R459.72
5428	317021.832	3404289.085	-2.444	297+19.18 R468.85
5429	317023.437	3404289.210	-2.428	297+19.18 R470.46
5430	317033.000	3404289.954	-2.443	297+19.18 R480.06
5431	317034.557	3404290.075	-2.448	297+19.18 R481.62
5432	317043.803	3404290.794	-2.542	297+19.18 R490.89
5433	317044.069	3404290.815	-2.540	297+19.18 R491.16
5434	317045.406	3404290.919	-2.541	297+19.18 R492.50
5435	317052.884	3404291.500	-2.542	297+19.18 R500.00

5487	316919.354	3404043.042	-2.346	300+29.14 R355.10
5488	316938.705	3404048.681	-2.274	300+29.14 R375.26
5489	316947.945	3404051.374	-2.536	300+29.14 R384.88
5490	316947.987	3404051.386	-2.536	300+29.14 R384.93
5491	316980.449	3404060.845	-2.444	300+29.14 R418.74
5492	316990.564	3404063.792	-2.427	300+29.14 R429.27
5493	316998.613	3404066.138	-2.446	300+29.14 R437.66
5494	317007.562	3404068.745	-2.540	300+29.14 R446.98
5495	317010.856	3404069.705	-2.528	300+29.14 R450.41
5496	317014.817	3404070.860	-2.539	300+29.14 R454.54
5497	317022.918	3404073.220	-2.512	300+29.14 R462.97
5498	317022.966	3404073.234	-2.511	300+29.14 R463.02
5499	317022.990	3404073.241	-2.511	300+29.14 R463.05
5500	317023.025	3404073.251	-2.510	300+29.14 R463.09
5501	317058.465	3404083.578	-2.566	300+29.14 R500.00
5502	316572.850	3403607.865	0.365	303+50.00 L99.31
5503	316575.935	3403608.763	0.383	303+50.00 L96.10
5504	316579.300	3403609.744	0.361	303+50.00 L92.59
5505	316579.477	3403609.796	0.365	303+50.00 L92.41
5506	316600.077	3403615.798	0.416	303+50.00 L70.95
5507	316600.128	3403615.813	0.415	303+50.00 L70.90
5508	316600.183	3403615.829	0.415	303+50.00 L70.84
5509	316600.260	3403615.852	0.414	303+50.00 L70.76
5510	316613.947	3403619.840	1.304	303+50.00 L56.50
5511	316631.584	3403624.979	2.346	303+50.00 L38.13
5512	316635.100	3403626.004	2.453	303+50.00 L34.47
5513	316635.160	3403626.021	2.450	303+50.00 L34.41
5514	316647.876	3403629.726	3.451	303+50.00 L21.16
5515	316667.891	3403635.559	4.654	303+50.00 L0.32
5516	316677.795	3403638.445	4.930	303+50.00 R10.00
5517	316678.398	3403638.620	4.947	303+50.00 R10.63
5518	316680.935	3403639.359	1.848	303+50.00 R13.27
5519	316681.241	3403639.449	1.829	303+50.00 R13.59
5520	316700.167	3403644.964	0.337	303+50.00 R33.30
5521	316700.823	3403645.155	0.714	303+50.00 R33.99
5522	316701.892	3403645.466	0.377	303+50.00 R35.10
5523	316703.339	3403645.888	0.069	303+50.00 R36.61
5524	316706.818	3403646.902	-0.384	303+50.00 R40.23
5525	316707.424	3403647.078	-0.395	303+50.00 R40.86
5526	316716.277	3403649.658	-0.711	303+50.00 R50.08
5527	316716.962	3403649.858	-0.711	303+50.00 R50.80
5528	316725.862	3403652.451	-0.815	303+50.00 R60.07
5529	316734.757	3403655.043	-0.985	303+50.00 R69.33
5530	316743.249	3403657.517	-1.078	303+50.00 R78.18
5531	316752.177	3403660.119	-1.169	303+50.00 R87.48
5532	316762.063	3403663.000	-1.483	303+50.00 R97.77
5533	316763.985	3403663.560	-1.649	303+50.00 R99.77
5534	316772.258	3403665.970	-2.263	303+50.00 R108.39
5535	316774.274	3403666.558	-2.375	303+50.00 R110.49
5536	316782.646	3403668.997	-2.843	303+50.00 R119.21
5537	316785.042	3403669.695	-2.793	303+50.00 R121.71

5589	316684.565	3403612.478	0.484	303+62.00 R17.47
5590	316687.614	3403609.749	-0.034	303+62.00 R21.56
5591	316692.568	3403605.314	-0.257	303+62.00 R28.21
5592	316693.148	3403604.795	-0.322	303+62.00 R28.99
5593	316701.215	3403597.573	-0.539	303+62.00 R39.82
5594	316702.171	3403596.717	-0.656	303+62.00 R41.10
5595	316709.127	3403590.490	-0.644	303+62.00 R50.43
5596	316715.796	3403584.520	-0.864	303+62.00 R59.39
5597	316723.666	3403577.474	-0.806	303+62.00 R69.95
5598	316724.463	3403576.760	-0.823	303+62.00 R71.02
5599	316732.706	3403569.381	-1.216	303+62.00 R82.08
5600	316735.572	3403566.816	-1.258	303+62.00 R85.93
5601	316756.595	3403547.995	-3.289	303+62.00 R114.15
5602	316757.964	3403546.769	-3.388	303+62.00 R115.98
5603	316759.118	3403545.736	-3.513	303+62.00 R117.53
5604	316760.946	3403544.100	-3.720	303+62.00 R119.98
5605	316768.234	3403537.576	-5.000	303+62.00 R129.77
5606	316776.922	3403529.797	-6.139	303+62.00 R141.43
5607	316779.831	3403527.193	-5.154	303+62.00 R145.33
5608	316787.074	3403520.709	-6.034	303+62.00 R155.05
5609	316793.998	3403514.511	-4.926	303+62.00 R164.35
5610	316801.859	3403507.473	-5.592	303+62.00 R174.90
5611	316820.909	3403490.419	-2.111	303+62.00 R200.47
5612	316828.486	3403483.635	-2.346	303+62.00 R210.64
5613	316845.881	3403468.063	-2.885	303+62.00 R233.98
5614	316853.328	3403461.396	-2.538	303+62.00 R243.98
5615	316861.087	3403454.450	-2.237	303+62.00 R254.39
5616	316862.636	3403453.064	-2.165	303+62.00 R256.47
5617	316879.454	3403438.007	-2.240	303+62.00 R279.04
5618	316887.161	3403431.108	-2.154	303+62.00 R289.39
5619	316887.310	3403430.974	-2.159	303+62.00 R289.59
5620	316895.848	3403423.331	-2.412	303+62.00 R301.05
5621	316895.889	3403423.294	-2.412	303+62.00 R301.10
5622	316895.929	3403423.258	-2.413	303+62.00 R301.16
5623	316895.969	3403423.222	-2.414	303+62.00 R301.21
5624	316904.664	3403415.439	-2.261	303+62.00 R312.88
5625	316912.930	3403408.038	-2.414	303+62.00 R323.98
5626	316913.003	3403407.973	-2.412	303+62.00 R324.07
5627	316920.616	3403401.158	-2.503	303+62.00 R334.29
5628	316939.976	3403383.826	-2.437	303+62.00 R360.28
5629	316940.054	3403383.756	-2.440	303+62.00 R360.38
5630	316940.125	3403383.693	-2.432	303+62.00 R360.48
5631	316958.590	3403367.162	-2.552	303+62.00 R385.26
5632	316958.659	3403367.100	-2.557	303+62.00 R385.35
5633	316990.011	3403339.033	-2.345	303+62.00 R427.43
5634	316990.057	3403338.992	-2.345	303+62.00 R427.49
5635	317004.515	3403326.049	-2.371	303+62.00 R446.90
5636	317004.592	3403325.980	-2.371	303+62.00 R447.00
5637	317011.803	3403319.525	-2.563	303+62.00 R456.68
5638	317019.778	3403312.385	-2.568	303+62.00 R467.38
5639	317022.776	3403309.701	-2.530	303+62.00 R471.41

5691	316703.971	3403060.098	-2.211	307+10.84 R403.45
5692	316708.686	3403054.689	-2.339	307+10.84 R410.62
5693	316720.548	3403041.082	-2.310	307+10.84 R428.67
5694	316724.705	3403036.313	-2.336	307+10.84 R435.00
5695	316732.612	3403027.241	-2.367	307+10.84 R447.03
5696	316736.641	3403022.619	-2.386	307+10.84 R453.17
5697	316744.254	3403013.885	-2.252	307+10.84 R464.75
5698	316750.785	3403006.393	-2.327	307+10.84 R474.69
5699	316751.783	3403005.249	-2.337	307+10.84 R476.21
5700	316757.718	3402998.440	-2.253	307+10.84 R485.24
5701	316763.422	3402991.896	-2.537	307+10.84 R493.92
5702	316764.339	3402990.845	-2.514	307+10.84 R495.32
5703	316767.416	3402987.315	-2.462	307+10.84 R500.00
5704	316314.746	3403385.273	-1.199	308+13.10 L100.00
5705	316343.627	3403331.100	-1.034	308+13.10 L38.61
5706	316366.495	3403288.206	-0.728	308+13.10 R10.00
5707	316376.152	3403270.091	-0.599	308+13.10 R30.53
5708	316376.160	3403270.077	-0.601	308+13.10 R30.54
5709	316376.197	3403270.006	-0.604	308+13.10 R30.62
5710	316377.171	3403268.180	-0.619	308+13.10 R32.69
5711	316378.990	3403264.769	-0.605	308+13.10 R36.56
5712	316382.013	3403259.097	-0.593	308+13.10 R42.99
5713	316386.752	3403250.209	-0.916	308+13.10 R53.06
5714	316386.773	3403250.169	-0.925	308+13.10 R53.11
5715	316386.783	3403250.150	-0.886	308+13.10 R53.13
5716	316386.802	3403250.115	-0.902	308+13.10 R53.17
5717	316391.754	3403240.827	-1.064	308+13.10 R63.69
5718	316391.822	3403240.699	-1.060	308+13.10 R63.84
5719	316397.065	3403230.863	-1.311	308+13.10 R74.98
5720	316401.993	3403221.620	-2.312	308+13.10 R85.46
5721	316405.635	3403214.788	-3.578	308+13.10 R93.20
5722	316405.669	3403214.725	-3.581	308+13.10 R93.27
5723	316409.547	3403207.452	-4.700	308+13.10 R101.51
5724	316409.558	3403207.430	-4.700	308+13.10 R101.54
5725	316409.569	3403207.410	-4.701	308+13.10 R101.56
5726	316412.479	3403201.952	-4.525	308+13.10 R107.75
5727	316414.571	3403198.028	-4.393	308+13.10 R112.19
5728	316419.528	3403188.729	-5.060	308+13.10 R122.73
5729	316424.596	3403179.224	-4.781	308+13.10 R133.50
5730	316429.863	3403169.343	-4.763	308+13.10 R144.70
5731	316429.916	3403169.245	-4.757	308+13.10 R144.81
5732	316429.965	3403169.153	-4.748	308+13.10 R144.92
5733	316436.017	3403157.801	-4.418	308+13.10 R157.78
5734	316436.074	3403157.693	-4.414	308+13.10 R157.90
5735	316441.070	3403148.322	-3.990	308+13.10 R168.52
5736	316441.119	3403148.231	-3.991	308+13.10 R168.62
5737	316446.367	3403138.386	-3.956	308+13.10 R179.78
5738	316446.389	3403138.346	-3.957	308+13.10 R179.83
5739	316448.774	3403133.872	-3.721	308+13.10 R184.90
5740	316451.124	3403129.463	-3.486	308+13.10 R189.89
5741	316456.182	3403119.977	-2.762	308+13.10 R200.64

5793	316211.687	3403177.171	-1.761	310+01.94 R35.15
5794	316211.754	3403177.046	-1.630	310+01.94 R35.29
5795	316213.377	3403174.002	-2.508	310+01.94 R38.74
5796	316214.564	3403171.775	-2.438	310+01.94 R41.27
5797	316215.252	3403170.485	0.434	310+01.94 R42.73
5798	316216.669	3403167.827	-0.838	310+01.94 R45.74
5799	316218.048	3403165.240	-0.858	310+01.94 R48.67
5800	316221.538	3403158.694	-0.641	310+01.94 R56.09
5801	316222.809	3403156.308	-0.741	310+01.94 R58.79
5802	316224.047	3403153.986	-0.812	310+01.94 R61.43
5803	316226.456	3403149.469	-1.009	310+01.94 R66.54
5804	316226.478	3403149.428	-1.015	310+01.94 R66.59
5805	316232.001	3403139.068	-1.068	310+01.94 R78.33
5806	316236.972	3403129.742	-1.802	310+01.94 R88.90
5807	316237.108	3403129.489	-1.794	310+01.94 R89.19
5808	316242.464	3403119.442	-2.535	310+01.94 R100.57
5809	316247.375	3403110.230	-3.071	310+01.94 R111.01
5810	316247.545	3403109.912	-3.094	310+01.94 R111.37
5811	316250.648	3403104.090	-4.090	310+01.94 R117.97
5812	316255.737	3403094.545	-4.672	310+01.94 R128.79
5813	316260.768	3403085.108	-4.782	310+01.94 R139.48
5814	316260.920	3403084.824	-4.773	310+01.94 R139.80
5815	316266.013	3403075.270	-4.747	310+01.94 R150.63
5816	316266.122	3403075.066	-4.747	310+01.94 R150.86
5817	316271.398	3403065.169	-5.087	310+01.94 R162.08
5818	316271.466	3403065.041	-5.084	310+01.94 R162.22
5819	316276.766	3403055.101	-4.683	310+01.94 R173.49
5820	316277.650	3403053.441	-4.659	310+01.94 R175.37
5821	316278.078	3403052.639	-4.609	310+01.94 R176.28
5822	316312.976	3402987.180	-2.246	310+01.94 R250.46
5823	316315.140	3402983.120	-2.111	310+01.94 R255.06
5824	316318.835	3402976.189	-1.760	310+01.94 R262.91
5825	316322.592	3402969.143	-1.535	310+01.94 R270.90
5826	316322.645	3402969.043	-1.537	310+01.94 R271.01
5827	316327.547	3402959.849	-1.381	310+01.94 R281.43
5828	316332.304	3402950.925	-1.185	310+01.94 R291.54
5829	316332.505	3402950.550	-1.196	310+01.94 R291.97
5830	316337.187	3402941.768	-1.255	310+01.94 R301.92
5831	316337.372	3402941.420	-1.249	310+01.94 R302.31
5832	316341.976	3402932.783	-1.214	310+01.94 R312.10
5833	316342.178	3402932.405	-1.214	310+01.94 R312.53
5834	316352.767	3402912.543	-1.148	310+01.94 R335.04
5835	316358.097	3402902.546	-1.075	310+01.94 R346.37
5836	316358.262	3402902.236	-1.075	310+01.94 R346.72
5837	316363.528	3402892.358	-1.054	310+01.94 R357.91
5838	316368.637	3402882.775	-1.148	310+01.94 R368.77
5839	316368.759	3402882.546	-1.146	310+01.94 R369.03
5840	316371.736	3402876.962	-1.186	310+01.94 R375.36
5841	316376.417	3402868.182	-1.107	310+01.94 R385.31
5842	316376.451	3402868.118	-1.108	310+01.94 R385.38
5843	316376.485	3402868.055	-1.108	310+01.94 R385.45

5895	315811.583	3399782.210	-2.072	107+98.50 L92.82
5896	315797.137	3399791.367	-1.175	107+98.50 L75.71
5897	315781.270	3399801.424	-0.889	107+98.50 L56.93
5898	315765.511	3399811.413	1.408	107+98.50 L38.27
5899	315752.794	3399819.473	1.000	107+98.50 L23.21
5900	315744.595	3399824.671	0.936	107+98.50 L13.50
5901	315737.439	3399829.206	2.228	107+98.50 L5.03
5902	315733.176	3399831.909	3.021	107+98.50 R0.02
5903	315724.744	3399837.254	1.642	107+98.50 R10.00
5904	315721.370	3399839.392	1.090	107+98.50 R13.99
5905	315708.581	3399847.498	0.072	107+98.50 R29.14
5906	315694.786	3399856.242	-0.229	107+98.50 R45.47
5907	315681.031	3399864.961	-0.594	107+98.50 R61.75
5908	315672.279	3399870.509	-1.187	107+98.50 R72.12
5909	315662.722	3399876.566	-1.084	107+98.50 R83.43
5910	315653.075	3399882.681	-1.308	107+98.50 R94.85
5911	315644.567	3399888.074	-1.672	107+98.50 R104.93
5912	315633.136	3399895.320	-2.534	107+98.50 R118.46
5913	315624.096	3399901.050	-3.587	107+98.50 R129.16
5914	315615.089	3399906.759	-4.506	107+98.50 R139.83
5915	315606.024	3399912.505	-5.269	107+98.50 R150.56
5916	315587.649	3399924.152	-6.339	107+98.50 R172.32
5917	315578.273	3399930.095	-6.564	107+98.50 R183.42
5918	315568.275	3399936.433	-6.595	107+98.50 R195.25
5919	315557.598	3399943.200	-6.589	107+98.50 R207.90
5920	315546.615	3399950.162	-6.258	107+98.50 R220.90
5921	315531.432	3399959.786	-5.751	107+98.50 R238.88
5922	315522.036	3399965.741	-4.081	107+98.50 R250.00
5923	315513.412	3399971.207	-3.056	107+98.50 R260.21
5924	315503.305	3399977.614	-2.645	107+98.50 R272.18
5925	315489.879	3399986.124	-2.223	107+98.50 R288.07
5926	315481.008	3399991.747	-2.022	107+98.50 R298.58
5927	315472.561	3399997.101	-1.951	107+98.50 R308.58
5928	315465.210	3400001.761	-1.941	107+98.50 R317.28
5929	315459.478	3400005.394	-1.784	107+98.50 R324.07
5930	315457.904	3400006.392	-1.529	107+98.50 R325.93
5931	315457.429	3400006.693	-1.534	107+98.50 R326.49
5932	315956.203	3399998.965	1.641	110+59.00 L98.92
5933	315946.296	3400005.245	1.552	110+59.00 L87.19
5934	315907.843	3400029.619	3.014	110+59.00 L41.66
5935	315895.571	3400037.398	3.537	110+59.00 L27.13
5936	315884.011	3400044.725	4.874	110+59.00 L13.45
5937	315867.496	3400055.193	4.881	110+59.00 R6.11
5938	315864.208	3400057.278	4.745	110+59.00 R10.00
5939	315858.456	3400060.924	4.506	110+59.00 R16.81
5940	315850.360	3400066.055	1.020	110+59.00 R26.40
5941	315848.817	3400067.033	0.614	110+59.00 R28.22
5942	315837.082	3400074.472	0.147	110+59.00 R42.12
5943	315824.208	3400082.632	-0.255	110+59.00 R57.36
5944	315812.624	3400089.974	-0.956	110+59.00 R71.07
5945	315802.706	3400096.261	-0.680	110+59.00 R82.82

5997	315629.936	3400205.772	-2.615	110+59.00 R287.37
5998	315874.221	3399997.001	2.320	110+60.00 L55.78
5999	315873.865	3400016.241	3.020	110+60.00 L36.54
6000	315873.665	3400027.091	3.540	110+60.00 L25.68
6001	315873.598	3400030.689	3.537	110+60.00 L22.09
6002	315873.385	3400042.264	4.870	110+60.00 L10.51
6003	315873.362	3400043.468	4.874	110+60.00 L9.30
6004	315873.066	3400059.503	4.881	110+60.00 R6.73
6005	315873.006	3400062.763	4.506	110+60.00 R10.00
6006	315873.006	3400062.768	4.505	110+60.00 R10.00
6007	315872.680	3400080.383	2.040	110+60.00 R27.62
6008	315872.382	3400096.504	0.133	110+60.00 R43.74
6009	315872.085	3400112.582	-0.605	110+60.00 R59.82
6010	315871.831	3400126.312	-0.550	110+60.00 R73.56
6011	315871.594	3400139.135	-1.213	110+60.00 R86.38
6012	315871.318	3400154.085	-1.116	110+60.00 R101.33
6013	315871.077	3400167.107	-1.097	110+60.00 R114.36
6014	315870.819	3400181.060	-1.240	110+60.00 R128.31
6015	315870.633	3400191.130	-2.169	110+60.00 R138.38
6016	315870.264	3400211.094	-2.724	110+60.00 R158.35
6017	315870.075	3400221.331	-2.691	110+60.00 R168.59
6018	315869.881	3400231.835	-3.463	110+60.00 R179.10
6019	315869.687	3400242.311	-3.183	110+60.00 R189.57
6020	315869.497	3400252.609	-2.906	110+60.00 R199.87
6021	315869.308	3400262.846	-1.895	110+60.00 R210.11
6022	315869.115	3400273.247	-1.637	110+60.00 R220.52
6023	315868.924	3400283.602	-1.903	110+60.00 R230.87
6024	315868.735	3400293.811	-2.362	110+60.00 R241.08
6025	315868.550	3400303.815	-2.595	110+60.00 R251.09
6026	315868.283	3400318.277	-3.063	110+60.00 R265.55
6027	315868.040	3400331.410	-3.814	110+60.00 R278.69
6028	315867.833	3400342.609	-5.073	110+60.00 R289.89
6029	315867.740	3400347.677	-6.087	110+60.00 R294.96
6030	315874.221	3399997.001	2.320	110+60.00 L55.78
6031	315873.865	3400016.241	3.020	110+60.00 L36.54
6032	315873.665	3400027.091	3.540	110+60.00 L25.68
6033	315873.385	3400042.264	4.870	110+60.00 L10.51
6034	315873.066	3400059.503	4.881	110+60.00 R6.73
6035	315873.006	3400062.768	4.437	110+60.00 R10.00
6036	315872.680	3400080.383	2.040	110+60.00 R27.62
6037	315872.382	3400096.504	0.133	110+60.00 R43.74
6038	315872.085	3400112.582	-0.605	110+60.00 R59.82
6039	315871.831	3400126.312	-0.550	110+60.00 R73.56
6040	315871.594	3400139.135	-1.213	110+60.00 R86.38
6041	315871.318	3400154.085	-1.116	110+60.00 R101.33
6042	315871.077	3400167.107	-1.097	110+60.00 R114.36
6043	315870.819	3400181.060	-1.240	110+60.00 R128.31
6044	315870.633	3400191.130	-2.169	110+60.00 R138.38
6045	315870.264	3400211.094	-2.724	110+60.00 R158.35
6046	315870.075	3400221.331	-2.691	110+60.00 R168.59
6047	315869.881	3400231.835	-3.463	110+60.00 R179.10

6099	316103.242	3400085.890	-0.481	112+97.56 R46.22
6100	316102.338	3400092.694	0.377	112+97.56 R53.09
6101	316101.305	3400100.469	-0.536	112+97.56 R60.93
6102	316100.872	3400103.726	0.436	112+97.56 R64.22
6103	316100.525	3400106.340	0.372	112+97.56 R66.85
6104	316099.100	3400117.065	-1.220	112+97.56 R77.67
6105	316097.852	3400126.455	-2.766	112+97.56 R87.14
6106	316096.572	3400136.091	-3.517	112+97.56 R96.87
6107	316095.593	3400143.457	-0.913	112+97.56 R104.30
6108	316094.082	3400154.825	-1.111	112+97.56 R115.76
6109	316092.606	3400165.940	-1.037	112+97.56 R126.98
6110	316091.234	3400176.261	-1.286	112+97.56 R137.39
6111	316089.718	3400187.671	-1.291	112+97.56 R148.90
6112	316088.610	3400196.014	-1.423	112+97.56 R157.32
6113	316087.461	3400204.658	-1.422	112+97.56 R166.03
6114	316086.112	3400214.810	-1.316	112+97.56 R176.28
6115	316084.870	3400224.164	-1.209	112+97.56 R185.71
6116	316084.419	3400227.553	-1.081	112+97.56 R189.13
6117	316083.967	3400230.955	-0.984	112+97.56 R192.56
6118	316083.789	3400232.294	-0.910	112+97.56 R193.91
6119	318292.372	3400939.463	0.670	137+63.36 L100.00
6120	318264.083	3400909.012	0.800	137+63.36 L58.44
6121	318251.816	3400895.808	0.930	137+63.36 L40.41
6122	318240.679	3400883.819	0.890	137+63.36 L24.05
6123	318232.232	3400874.727	1.030	137+63.36 L11.64
6124	318225.139	3400867.092	1.450	137+63.36 L1.22
6125	318220.065	3400861.630	2.230	137+63.36 R6.24
6126	318217.504	3400858.873	3.104	137+63.36 R10.00
6127	318215.198	3400856.391	3.890	137+63.36 R13.39
6128	318210.667	3400851.513	3.450	137+63.36 R20.05
6129	318206.034	3400846.526	2.530	137+63.36 R26.85
6130	318201.825	3400841.996	1.250	137+63.36 R33.04
6131	318196.303	3400836.052	0.426	137+63.36 R41.15
6132	318192.058	3400831.483	0.414	137+63.36 R47.39
6133	318187.685	3400826.775	-0.955	137+63.36 R53.81
6134	318184.045	3400822.857	-2.110	137+63.36 R59.16
6135	318179.511	3400817.977	-3.990	137+63.36 R65.82
6136	318174.269	3400812.334	-6.190	137+63.36 R73.52
6137	318169.062	3400806.729	-9.955	137+63.36 R81.17
6138	318160.949	3400797.996	-10.277	137+63.36 R93.09
6139	318152.685	3400789.101	-10.081	137+63.36 R105.24
6140	318147.327	3400783.333	-8.495	137+63.36 R113.11
6141	318139.386	3400774.785	-9.596	137+63.36 R124.78
6142	318131.645	3400766.452	-9.081	137+63.36 R136.15
6143	318125.667	3400760.017	-7.932	137+63.36 R144.93
6144	318116.498	3400750.148	-6.605	137+63.36 R158.40
6145	318110.727	3400743.936	-5.182	137+63.36 R166.88
6146	318104.926	3400737.692	-4.119	137+63.36 R175.41
6147	318148.389	3401016.538	1.133	139+99.24 L97.44
6148	318130.573	3401018.416	1.423	139+99.24 L79.52
6149	318120.941	3401019.431	1.365	139+99.24 L69.84

6201	318131.181	3401202.874	-0.687	141+75.96 L61.17
6202	318102.127	3401202.692	1.178	141+75.96 L32.12
6203	318078.632	3401202.544	0.965	141+75.96 L8.62
6204	318060.010	3401202.427	0.408	141+75.96 R10.00
6205	318058.598	3401202.418	0.366	141+75.96 R11.41
6206	318045.897	3401202.338	-0.026	141+75.96 R24.11
6207	318026.015	3401202.213	-0.287	141+75.96 R44.00
6208	317998.862	3401202.042	-0.810	141+75.96 R71.15
6209	317998.584	3401202.040	-0.665	141+75.96 R71.43
6210	317987.739	3401201.972	-0.929	141+75.96 R82.27
6211	317975.610	3401201.896	-1.516	141+75.96 R94.40
6212	317962.036	3401201.811	-1.902	141+75.96 R107.98
6213	317948.232	3401201.724	-1.912	141+75.96 R121.78
6214	317934.582	3401201.638	-1.868	141+75.96 R135.43
6215	317921.015	3401201.553	-1.924	141+75.96 R149.00
6216	317907.549	3401201.468	-1.892	141+75.96 R162.46
6217	317894.546	3401201.386	-2.037	141+75.96 R175.47
6218	317881.391	3401201.304	-1.769	141+75.96 R188.62
6219	317872.542	3401201.248	-3.832	141+75.96 R197.47
6220	317858.327	3401201.158	-3.778	141+75.96 R211.69
6221	317843.978	3401201.068	-3.980	141+75.96 R226.04
6222	317829.740	3401200.979	-4.570	141+75.96 R240.28
6223	317815.409	3401200.889	-4.986	141+75.96 R254.61
6224	317801.604	3401200.802	-5.245	141+75.96 R268.41
6225	317792.627	3401200.745	-2.613	141+75.96 R277.39
6226	317778.990	3401200.660	-1.942	141+75.96 R291.03
6227	317769.709	3401200.601	-2.990	141+75.96 R300.31
6228	317760.261	3401200.542	-4.003	141+75.96 R309.76
6229	317746.015	3401200.452	-4.263	141+75.96 R324.00
6230	317736.805	3401200.394	-3.042	141+75.96 R333.21
6231	317723.190	3401200.309	-3.000	141+75.96 R346.83
6232	317709.859	3401200.225	-3.016	141+75.96 R360.16
6233	317696.598	3401200.141	-3.236	141+75.96 R373.42
6234	317683.960	3401200.062	-2.349	141+75.96 R386.06
6235	317671.751	3401199.985	-1.136	141+75.96 R398.27
6236	317659.708	3401199.909	-1.197	141+75.96 R410.31
6237	317647.930	3401199.835	-1.409	141+75.96 R422.09
6238	317635.538	3401199.757	-1.373	141+75.96 R434.48
6239	317623.021	3401199.679	-1.359	141+75.96 R447.00
6240	317610.992	3401199.603	-1.573	141+75.96 R459.03
6241	317599.023	3401199.528	-1.593	141+75.96 R471.00
6242	317587.560	3401199.456	-1.362	141+75.96 R482.46
6243	317576.389	3401199.386	-1.296	141+75.96 R493.63
6244	318158.188	3401335.232	-1.410	143+36.57 L93.44
6245	318136.255	3401342.085	-1.099	143+36.57 L70.46
6246	318112.614	3401349.473	-0.477	143+36.57 L45.69
6247	318088.066	3401357.143	0.624	143+36.57 L19.98
6248	318076.302	3401360.819	0.527	143+36.57 L7.65
6249	318059.455	3401366.083	0.289	143+36.57 R10.00
6250	318058.082	3401366.512	0.270	143+36.57 R11.44
6251	318032.688	3401374.447	0.218	143+36.57 R38.04

6303	318024.703	3401578.062	-2.939	145+11.13 R107.81
6304	318011.815	3401584.529	-2.547	145+11.13 R122.23
6305	318002.674	3401589.116	-1.679	145+11.13 R132.46
6306	317991.972	3401594.486	-1.638	145+11.13 R144.43
6307	317977.889	3401601.553	-1.634	145+11.13 R160.19
6308	317967.235	3401606.899	-1.500	145+11.13 R172.11
6309	317957.726	3401611.671	-1.493	145+11.13 R182.75
6310	317947.065	3401617.021	-1.559	145+11.13 R194.67
6311	317936.930	3401622.106	-1.528	145+11.13 R206.01
6312	317925.908	3401627.637	-1.564	145+11.13 R218.34
6313	317918.224	3401631.493	-1.509	145+11.13 R226.94
6314	317915.682	3401632.768	-1.506	145+11.13 R229.79
6315	317912.574	3401634.328	-1.460	145+11.13 R233.26
6316	317904.571	3401638.344	-1.452	145+11.13 R242.22
6317	317892.057	3401644.623	-1.432	145+11.13 R256.22
6318	317879.102	3401651.124	-1.354	145+11.13 R270.71
6319	317865.520	3401657.939	-1.392	145+11.13 R285.91
6320	317853.074	3401664.185	-1.300	145+11.13 R299.83
6321	317841.211	3401670.138	-1.605	145+11.13 R313.11
6322	317829.664	3401675.932	-1.493	145+11.13 R326.03
6323	317821.252	3401680.153	0.374	145+11.13 R335.44
6324	317814.288	3401683.648	-2.095	145+11.13 R343.23
6325	317808.138	3401686.733	-1.828	145+11.13 R350.11
6326	317800.033	3401690.800	-2.116	145+11.13 R359.18
6327	317790.125	3401695.772	-2.281	145+11.13 R370.26
6328	317780.462	3401700.621	-2.540	145+11.13 R381.07
6329	317769.682	3401706.030	-2.113	145+11.13 R393.14
6330	317760.638	3401710.569	-2.306	145+11.13 R403.25
6331	317750.826	3401715.492	-2.361	145+11.13 R414.23
6332	317742.866	3401719.487	-1.728	145+11.13 R423.14
6333	317728.430	3401726.731	-1.597	145+11.13 R439.29
6334	317717.808	3401732.061	-2.733	145+11.13 R451.17
6335	317706.538	3401737.716	-2.457	145+11.13 R463.78
6336	317698.102	3401741.949	-2.261	145+11.13 R473.22
6337	317688.579	3401746.728	-2.125	145+11.13 R483.88
6338	317680.417	3401750.823	-2.325	145+11.13 R493.01
6339	318310.367	3401696.808	-0.445	147+57.17 L94.99
6340	318293.023	3401708.408	0.238	147+57.17 L74.13
6341	318284.578	3401714.057	1.057	147+57.17 L63.97
6342	318278.701	3401717.988	0.934	147+57.17 L56.90
6343	318271.094	3401723.076	1.251	147+57.17 L47.74
6344	318265.706	3401726.680	1.134	147+57.17 L41.26
6345	318254.555	3401734.138	1.150	147+57.17 L27.85
6346	318246.746	3401739.361	1.221	147+57.17 L18.45
6347	318237.687	3401745.421	2.555	147+57.17 L7.55
6348	318230.450	3401750.262	2.508	147+57.17 R1.16
6349	318227.496	3401752.238	1.438	147+57.17 R4.71
6350	318223.098	3401755.179	1.076	147+57.17 R10.00
6351	318211.451	3401762.970	0.118	147+57.17 R24.01
6352	318199.111	3401771.224	-0.106	147+57.17 R38.86
6353	318186.257	3401779.821	-0.190	147+57.17 R54.32

6405	318360.377	3402081.664	-0.709	151+13.30 R77.87
6406	318351.104	3402086.504	-0.753	151+13.30 R88.33
6407	318347.131	3402088.577	-1.280	151+13.30 R92.81
6408	318340.530	3402092.021	-1.829	151+13.30 R100.25
6409	318330.098	3402097.465	-2.227	151+13.30 R112.02
6410	318320.478	3402102.485	-2.467	151+13.30 R122.87
6411	318310.615	3402107.632	-2.554	151+13.30 R134.00
6412	318298.535	3402113.936	-2.722	151+13.30 R147.62
6413	318286.422	3402120.258	-2.667	151+13.30 R161.29
6414	318273.276	3402127.118	-2.072	151+13.30 R176.12
6415	318264.636	3402131.626	0.397	151+13.30 R185.86
6416	318256.080	3402136.091	-2.432	151+13.30 R195.51
6417	318247.705	3402140.462	-2.523	151+13.30 R204.96
6418	318239.046	3402144.980	-2.550	151+13.30 R214.73
6419	318230.208	3402149.592	-2.586	151+13.30 R224.69
6420	318221.426	3402154.175	-2.561	151+13.30 R234.60
6421	318208.378	3402160.984	-2.590	151+13.30 R249.32
6422	318195.180	3402167.872	-2.476	151+13.30 R264.21
6423	318185.901	3402172.714	-2.423	151+13.30 R274.67
6424	318176.468	3402177.637	-2.486	151+13.30 R285.31
6425	318167.309	3402182.416	-2.546	151+13.30 R295.64
6426	318153.663	3402189.537	-2.244	151+13.30 R311.04
6427	318144.611	3402194.261	-2.270	151+13.30 R321.25
6428	318135.727	3402198.897	-2.234	151+13.30 R331.27
6429	318126.908	3402203.499	-2.232	151+13.30 R341.21
6430	318118.168	3402208.060	-2.243	151+13.30 R351.07
6431	318105.133	3402214.862	-2.318	151+13.30 R365.78
6432	318092.128	3402221.649	-2.295	151+13.30 R380.45
6433	318079.249	3402228.370	-2.107	151+13.30 R394.97
6434	318066.743	3402234.896	-2.223	151+13.30 R409.08
6435	318054.336	3402241.370	-2.226	151+13.30 R423.07
6436	318042.049	3402247.782	-2.221	151+13.30 R436.93
6437	318029.313	3402254.428	-2.213	151+13.30 R451.30
6438	318016.685	3402261.018	-2.164	151+13.30 R465.54
6439	318005.391	3402266.912	-2.247	151+13.30 R478.28
6440	317995.665	3402271.987	-2.269	151+13.30 R489.25
6441	318657.169	3402271.954	-0.689	154+25.97 L97.45
6442	318641.603	3402281.483	-0.066	154+25.97 L79.19
6443	318636.019	3402284.902	-0.385	154+25.97 L72.65
6444	318616.424	3402296.897	1.111	154+25.97 L49.67
6445	318605.616	3402303.513	1.294	154+25.97 L37.00
6446	318590.498	3402312.768	1.301	154+25.97 L19.27
6447	318585.371	3402315.906	1.045	154+25.97 L13.26
6448	318570.623	3402324.934	0.342	154+25.97 R4.03
6449	318565.531	3402328.051	0.411	154+25.97 R10.00
6450	318559.065	3402332.010	0.499	154+25.97 R17.58
6451	318545.798	3402340.131	0.132	154+25.97 R33.14
6452	318529.773	3402349.942	-0.309	154+25.97 R51.93
6453	318512.480	3402360.527	-1.013	154+25.97 R72.20
6454	318511.027	3402361.417	-0.939	154+25.97 R73.91
6455	318502.313	3402366.751	-2.083	154+25.97 R84.12

6507	318554.680	3402548.451	-3.127	156+33.05 R136.59
6508	318544.954	3402552.189	-3.265	156+33.05 R147.01
6509	318535.345	3402555.882	-3.375	156+33.05 R157.31
6510	318520.822	3402561.464	-3.343	156+33.05 R172.86
6511	318511.039	3402565.224	-3.217	156+33.05 R183.35
6512	318501.266	3402568.980	-3.203	156+33.05 R193.82
6513	318491.617	3402572.688	-3.105	156+33.05 R204.15
6514	318477.043	3402578.289	-3.165	156+33.05 R219.77
6515	318467.210	3402582.069	-3.090	156+33.05 R230.30
6516	318457.115	3402585.949	-3.195	156+33.05 R241.12
6517	318446.621	3402589.982	-3.004	156+33.05 R252.36
6518	318435.927	3402594.091	-3.009	156+33.05 R263.81
6519	318425.200	3402598.214	-2.889	156+33.05 R275.31
6520	318414.527	3402602.316	-3.110	156+33.05 R286.74
6521	318403.708	3402606.474	-2.787	156+33.05 R298.33
6522	318392.932	3402610.616	-2.717	156+33.05 R309.88
6523	318377.068	3402616.713	-2.673	156+33.05 R326.87
6524	318366.530	3402620.763	-2.584	156+33.05 R338.16
6525	318350.639	3402626.870	-2.749	156+33.05 R355.18
6526	318340.047	3402630.941	-2.694	156+33.05 R366.53
6527	318329.416	3402635.027	-2.763	156+33.05 R377.92
6528	318318.858	3402639.085	-2.942	156+33.05 R389.23
6529	318308.373	3402643.114	-2.860	156+33.05 R400.46
6530	318297.902	3402647.138	-2.746	156+33.05 R411.68
6531	318287.339	3402651.198	-2.765	156+33.05 R423.00
6532	318271.692	3402657.212	-2.813	156+33.05 R439.76
6533	318261.217	3402661.237	-2.655	156+33.05 R450.98
6534	318250.733	3402665.267	-2.702	156+33.05 R462.21
6535	318240.196	3402669.316	-2.670	156+33.05 R473.50
6536	318229.515	3402673.421	-2.749	156+33.05 R484.95
6537	318219.083	3402677.431	-2.739	156+33.05 R496.12
6538	318883.702	3402747.052	-0.394	159+43.13 L99.51
6539	318869.310	3402753.721	-0.453	159+43.13 L83.64
6540	318858.094	3402758.919	-0.407	159+43.13 L71.28
6541	318836.338	3402769.001	0.366	159+43.13 L47.30
6542	318822.952	3402775.204	0.225	159+43.13 L32.55
6543	318811.950	3402780.303	0.241	159+43.13 L20.42
6544	318795.310	3402788.014	0.569	159+43.13 L2.08
6545	318784.347	3402793.095	0.317	159+43.13 R10.00
6546	318779.843	3402795.182	0.214	159+43.13 R14.96
6547	318767.895	3402800.719	0.096	159+43.13 R28.13
6548	318751.859	3402808.150	-0.013	159+43.13 R45.81
6549	318736.822	3402815.119	-0.680	159+43.13 R62.38
6550	318730.645	3402817.981	-0.696	159+43.13 R69.19
6551	318727.668	3402819.361	-0.806	159+43.13 R72.47
6552	318716.516	3402824.529	-1.078	159+43.13 R84.76
6553	318708.749	3402828.128	-2.936	159+43.13 R93.32
6554	318696.789	3402833.671	-3.590	159+43.13 R106.50
6555	318685.156	3402839.062	-3.527	159+43.13 R119.33
6556	318674.196	3402844.141	-3.680	159+43.13 R131.40
6557	318663.181	3402849.246	-3.625	159+43.13 R143.55

6609	318890.335	3403275.346	-3.725	164+38.34 R117.34
6610	318880.635	3403278.583	-4.055	164+38.34 R127.57
6611	318870.880	3403281.839	-4.157	164+38.34 R137.85
6612	318860.826	3403285.194	-4.116	164+38.34 R148.45
6613	318850.839	3403288.527	-4.133	164+38.34 R158.98
6614	318840.882	3403291.850	-4.212	164+38.34 R169.47
6615	318830.953	3403295.163	-4.120	164+38.34 R179.94
6616	318816.057	3403300.135	-3.990	164+38.34 R195.65
6617	318806.191	3403303.427	-3.922	164+38.34 R206.05
6618	318796.476	3403306.670	-3.801	164+38.34 R216.29
6619	318786.870	3403309.875	-3.425	164+38.34 R226.41
6620	318772.515	3403314.666	-3.537	164+38.34 R241.55
6621	318763.014	3403317.837	-3.028	164+38.34 R251.56
6622	318753.540	3403320.999	-3.529	164+38.34 R261.55
6623	318744.139	3403324.136	-3.266	164+38.34 R271.46
6624	318730.037	3403328.842	-2.968	164+38.34 R286.33
6625	318716.035	3403333.515	-2.931	164+38.34 R301.09
6626	318702.262	3403338.112	-2.925	164+38.34 R315.61
6627	318688.843	3403342.590	-2.905	164+38.34 R329.76
6628	318675.934	3403346.898	-2.900	164+38.34 R343.37
6629	318663.229	3403351.138	-2.840	164+38.34 R356.76
6630	318650.606	3403355.351	-2.792	164+38.34 R370.07
6631	318638.212	3403359.487	-2.770	164+38.34 R383.13
6632	318626.302	3403363.462	-2.825	164+38.34 R395.69
6633	318615.315	3403367.129	-2.815	164+38.34 R407.27
6634	318603.473	3403371.081	-2.862	164+38.34 R419.76
6635	318593.172	3403374.518	-2.928	164+38.34 R430.61
6636	318582.511	3403378.077	-2.860	164+38.34 R441.85
6637	318572.613	3403381.380	-2.799	164+38.34 R452.29
6638	318558.717	3403386.017	-2.936	164+38.34 R466.94
6639	318545.187	3403390.533	-2.746	164+38.34 R481.20
6640	318532.898	3403394.634	-2.956	164+38.34 R494.16
6641	319194.270	3403561.077	-0.661	168+26.82 L83.26
6642	319182.774	3403568.607	-0.862	168+26.82 L69.52
6643	319168.289	3403578.095	0.434	168+26.82 L52.20
6644	319154.334	3403587.236	-0.072	168+26.82 L35.52
6645	319136.216	3403599.104	0.066	168+26.82 L13.86
6646	319122.392	3403608.159	0.200	168+26.82 R2.66
6647	319116.255	3403612.179	0.064	168+26.82 R10.00
6648	319106.328	3403618.681	-0.155	168+26.82 R21.87
6649	319086.184	3403631.876	-0.562	168+26.82 R45.95
6650	319069.453	3403642.835	-0.992	168+26.82 R65.95
6651	319059.604	3403649.287	-0.758	168+26.82 R77.72
6652	319050.401	3403655.315	-1.338	168+26.82 R88.72
6653	319043.190	3403660.038	-3.541	168+26.82 R97.34
6654	319034.288	3403665.869	-4.271	168+26.82 R107.99
6655	319024.627	3403672.198	-4.532	168+26.82 R119.54
6656	319016.493	3403677.525	-4.440	168+26.82 R129.26
6657	319007.852	3403683.186	-4.552	168+26.82 R139.59
6658	318999.060	3403688.944	-4.630	168+26.82 R150.10
6659	318990.246	3403694.718	-4.600	168+26.82 R160.64

6711	319174.577	3403988.207	-3.996	170+80.14 R191.47
6712	319169.956	3403997.030	-4.035	170+80.14 R201.43
6713	319165.393	3404005.741	-3.610	170+80.14 R211.26
6714	319160.757	3404014.591	-4.125	170+80.14 R221.25
6715	319155.998	3404023.677	-4.306	170+80.14 R231.51
6716	319120.718	3404091.027	-4.186	170+80.14 R307.54
6717	319116.075	3404099.891	-4.378	170+80.14 R317.55
6718	319111.382	3404108.851	-3.878	170+80.14 R327.66
6719	319106.675	3404117.836	-4.102	170+80.14 R337.80
6720	319101.991	3404126.779	-4.311	170+80.14 R347.90
6721	319097.350	3404135.638	-4.005	170+80.14 R357.90
6722	319092.709	3404144.499	-3.922	170+80.14 R367.90
6723	319088.009	3404153.472	-4.605	170+80.14 R378.03
6725	319078.538	3404171.551	-4.761	170+80.14 R398.44
6726	319073.911	3404180.384	-4.676	170+80.14 R408.41
6727	319069.283	3404189.219	-4.519	170+80.14 R418.39
6728	319064.539	3404198.277	-4.590	170+80.14 R428.61
6729	319059.705	3404207.505	-4.666	170+80.14 R439.03
6730	319054.912	3404216.656	-4.493	170+80.14 R449.36
6731	319050.090	3404225.860	-4.586	170+80.14 R459.75
6732	319045.364	3404234.883	-4.561	170+80.14 R469.94
6733	319040.831	3404243.537	-4.487	170+80.14 R479.71
6734	319036.547	3404251.715	-4.389	170+80.14 R488.94
6735	320018.208	3403855.317	-0.328	180+00.00 L99.77
6736	319993.310	3403851.106	-0.231	180+00.00 L74.52
6737	319973.629	3403847.777	-0.081	180+00.00 L54.56
6738	319948.475	3403843.522	-0.160	180+00.00 L29.05
6739	319939.237	3403841.960	-0.081	180+00.00 L19.68
6740	319935.013	3403841.245	1.523	180+00.00 L15.40
6741	319926.155	3403839.747	0.900	180+00.00 L6.41
6742	319919.090	3403838.552	0.330	180+00.00 R0.75
6743	319914.307	3403837.743	0.162	180+00.00 R5.60
6744	319909.972	3403837.010	0.203	180+00.00 R10.00
6745	319906.651	3403836.448	0.233	180+00.00 R13.37
6746	319905.245	3403836.210	0.245	180+00.00 R14.79
6747	319892.730	3403834.094	0.126	180+00.00 R27.49
6748	319889.604	3403833.565	0.232	180+00.00 R30.66
6749	319888.526	3403833.383	0.226	180+00.00 R31.75
6750	319888.097	3403833.310	0.220	180+00.00 R32.19
6751	319877.881	3403831.582	0.089	180+00.00 R42.55
6752	319873.399	3403830.824	-1.449	180+00.00 R47.09
6753	319871.709	3403830.538	-1.681	180+00.00 R48.81
6754	319866.819	3403829.711	-2.278	180+00.00 R53.77
6755	319861.753	3403828.854	-2.939	180+00.00 R58.90
6756	319857.881	3403828.199	-2.916	180+00.00 R62.83
6757	319850.025	3403826.870	-2.960	180+00.00 R70.80
6758	319837.515	3403824.755	-3.008	180+00.00 R83.49
6759	319824.957	3403822.630	-3.112	180+00.00 R96.22
6760	319815.012	3403820.948	-3.267	180+00.00 R106.31
6761	319805.060	3403819.265	-3.661	180+00.00 R116.40
6762	319795.253	3403817.606	-3.989	180+00.00 R126.35

6814	319601.986	3403945.977	-3.962	184+00.00 R70.80
6815	319599.380	3403933.561	-3.969	184+00.00 R83.49
6816	319596.764	3403921.095	-3.984	184+00.00 R96.22
6817	319594.692	3403911.225	-4.007	184+00.00 R106.31
6818	319592.619	3403901.347	-4.066	184+00.00 R116.40
6819	319590.576	3403891.612	-4.115	184+00.00 R126.35
6820	319587.503	3403876.967	-4.131	184+00.00 R141.31
6821	319585.451	3403867.192	-4.097	184+00.00 R151.30
6822	319583.391	3403857.377	-4.095	184+00.00 R161.33
6823	319581.335	3403847.578	-4.109	184+00.00 R171.34
6824	319579.273	3403837.751	-4.113	184+00.00 R181.38
6825	319577.201	3403827.882	-4.130	184+00.00 R191.47
6826	319575.156	3403818.135	-4.132	184+00.00 R201.43
6827	319573.136	3403808.510	-4.110	184+00.00 R211.26
6828	319571.084	3403798.733	-4.136	184+00.00 R221.25
6829	319568.977	3403788.695	-4.146	184+00.00 R231.51
6830	319553.361	3403714.285	-4.139	184+00.00 R307.54
6831	319551.306	3403704.492	-4.149	184+00.00 R317.55
6832	319549.228	3403694.593	-4.124	184+00.00 R327.66
6833	319547.145	3403684.666	-4.135	184+00.00 R337.80
6834	319545.071	3403674.785	-4.146	184+00.00 R347.90
6835	319543.017	3403664.998	-4.130	184+00.00 R357.90
6836	319540.962	3403655.208	-4.126	184+00.00 R367.90
6837	319538.882	3403645.295	-4.161	184+00.00 R378.03
6838	319536.778	3403635.269	-3.907	184+00.00 R388.28
6839	319534.690	3403625.320	-4.168	184+00.00 R398.44
6840	319532.642	3403615.562	-4.164	184+00.00 R408.41
6841	319530.593	3403605.800	-4.156	184+00.00 R418.39
6842	319528.493	3403595.793	-4.160	184+00.00 R428.61
6843	319526.353	3403585.598	-4.164	184+00.00 R439.03
6844	319524.231	3403575.488	-4.155	184+00.00 R449.36
6845	319522.097	3403565.319	-4.160	184+00.00 R459.75
6846	319520.005	3403555.350	-4.158	184+00.00 R469.94
6847	319517.998	3403545.789	-4.155	184+00.00 R479.71
6848	319516.102	3403536.754	-4.150	184+00.00 R488.94
6849	319552.062	3404048.905	0.057	184+70.00 L19.68
6850	319551.183	3404044.712	2.426	184+70.00 L15.40
6851	319547.866	3404028.908	0.529	184+70.00 R0.75
6852	319546.869	3404024.160	0.290	184+70.00 R5.60
6853	319545.966	3404019.858	0.364	184+70.00 R10.00
6854	319544.982	3404015.166	0.444	184+70.00 R14.79
6855	319542.375	3404002.744	0.313	184+70.00 R27.49
6856	319541.723	3403999.640	0.486	184+70.00 R30.66
6857	319541.409	3403998.145	0.479	184+70.00 R32.19
6858	319539.281	3403988.005	0.433	184+70.00 R42.55
6859	319538.348	3403983.556	-1.824	184+70.00 R47.09
6860	319536.977	3403977.025	-3.095	184+70.00 R53.77
6861	319535.922	3403971.996	-4.137	184+70.00 R58.90
6862	319627.935	3403988.615	0.384	184+78.84 L98.38
6863	319610.674	3403996.965	0.137	184+78.84 L79.21
6864	319552.839	3404024.944	2.426	184+78.84 L14.96

6916	319477.328	3404084.982	-0.665	185+00.00 R79.16
6917	319473.307	3404086.927	-0.791	185+00.00 R83.63
6918	319468.194	3404089.401	-0.773	185+00.00 R89.31
6919	319460.007	3404093.362	-1.283	185+00.00 R98.40
6920	319456.367	3404095.122	-0.992	185+00.00 R102.44
6921	319445.069	3404100.588	-1.397	185+00.00 R114.99
6922	319431.997	3404106.912	-2.254	185+00.00 R129.52
6923	319418.541	3404113.422	-2.421	185+00.00 R144.46
6924	319404.883	3404120.029	-2.575	185+00.00 R159.64
6925	319391.268	3404126.616	-3.338	185+00.00 R174.76
6926	319377.668	3404133.195	-3.494	185+00.00 R189.87
6927	319364.013	3404139.801	-3.310	185+00.00 R205.04
6928	319350.433	3404146.370	-3.937	185+00.00 R220.12
6929	319336.825	3404152.954	-4.413	185+00.00 R235.24
6930	319323.353	3404159.471	-4.391	185+00.00 R250.21
6931	319310.034	3404165.914	-4.460	185+00.00 R265.00
6932	319296.593	3404172.417	-4.706	185+00.00 R279.93
6933	319283.225	3404178.884	-4.434	185+00.00 R294.78
6934	319270.116	3404185.226	-4.486	185+00.00 R309.34
6935	319256.756	3404191.689	-4.428	185+00.00 R324.19
6936	319254.921	3404192.577	-4.010	185+00.00 R326.22
6937	319242.924	3404198.381	-4.190	185+00.00 R339.55
6938	319240.435	3404199.585	-4.627	185+00.00 R342.32
6939	319229.426	3404204.911	-4.634	185+00.00 R354.55
6940	319226.211	3404206.466	-4.763	185+00.00 R358.12
6941	319215.927	3404211.441	-4.675	185+00.00 R369.54
6942	319211.586	3404213.541	-4.821	185+00.00 R374.36
6943	319202.212	3404218.076	-4.533	185+00.00 R384.78
6944	319197.054	3404220.572	-4.736	185+00.00 R390.51
6945	319188.850	3404224.540	-4.585	185+00.00 R399.62
6946	319182.775	3404227.479	-4.565	185+00.00 R406.37
6947	319175.775	3404230.866	-4.439	185+00.00 R414.15
6948	319168.381	3404234.443	-4.680	185+00.00 R422.36
6949	319162.865	3404237.111	-4.462	185+00.00 R428.49
6950	319154.324	3404241.243	-4.611	185+00.00 R437.97
6951	319150.227	3404243.225	-4.316	185+00.00 R442.53
6952	319140.499	3404247.931	-3.944	185+00.00 R453.33
6953	319137.888	3404249.195	-4.371	185+00.00 R456.23
6954	319126.433	3404254.736	-3.974	185+00.00 R468.96
6955	319125.487	3404255.194	-4.349	185+00.00 R470.01
6956	319113.144	3404261.165	-4.337	185+00.00 R483.72
6957	319112.624	3404261.417	-4.300	185+00.00 R484.30
6958	319100.964	3404267.058	-3.700	185+00.00 R497.25
6959	319099.314	3404267.856	-4.343	185+00.00 R499.08
6960	319707.980	3404157.136	-0.625	186+84.58 L98.93
6961	319691.956	3404169.210	-0.904	186+84.58 L78.87
6962	319681.903	3404176.785	1.048	186+84.58 L66.28
6963	319664.312	3404190.040	0.568	186+84.58 L44.25
6964	319656.848	3404195.664	-0.078	186+84.58 L34.91
6965	319641.693	3404207.083	0.469	186+84.58 L15.93
6966	319633.111	3404213.549	-0.076	186+84.58 L5.19

7018	319672.841	3404401.798	-0.685	188+77.54 R78.63
7019	319660.896	3404406.926	-0.888	188+77.54 R91.63
7020	319647.232	3404412.792	-2.401	188+77.54 R106.50
7021	319633.654	3404418.622	-3.690	188+77.54 R121.27
7022	319620.270	3404424.368	-3.956	188+77.54 R135.84
7023	319607.467	3404429.864	-4.132	188+77.54 R149.77
7024	319594.796	3404435.304	-3.521	188+77.54 R163.56
7025	319581.233	3404441.127	-3.796	188+77.54 R178.32
7026	319567.548	3404447.002	-3.651	188+77.54 R193.21
7027	319553.874	3404452.873	-3.659	188+77.54 R208.09
7028	319540.381	3404458.666	-3.677	188+77.54 R222.78
7029	319527.145	3404464.349	-2.987	188+77.54 R237.18
7030	319514.059	3404469.966	-3.426	188+77.54 R251.42
7031	319501.131	3404475.516	-3.450	188+77.54 R265.49
7032	319488.189	3404481.073	-2.801	188+77.54 R279.58
7033	319475.352	3404486.584	-2.922	188+77.54 R293.55
7034	319462.759	3404491.990	-2.876	188+77.54 R307.25
7035	319394.328	3404521.369	-2.778	188+77.54 R381.72
7036	319380.588	3404527.268	-2.743	188+77.54 R396.67
7037	319367.014	3404533.096	-2.812	188+77.54 R411.45
7038	319353.606	3404538.852	-2.832	188+77.54 R426.04
7039	319340.424	3404544.511	-2.652	188+77.54 R440.38
7040	319327.513	3404550.055	-2.656	188+77.54 R454.43
7041	319314.776	3404555.523	-2.730	188+77.54 R468.30
7042	319302.274	3404560.890	-2.621	188+77.54 R481.90
7043	319290.654	3404565.879	-2.727	188+77.54 R494.55
7044	319876.888	3404450.960	-1.741	190+08.34 L89.62
7045	319863.391	3404457.694	-1.276	190+08.34 L74.54
7046	319850.344	3404464.203	0.916	190+08.34 L59.96
7047	319834.873	3404471.921	-0.075	190+08.34 L42.67
7048	319814.156	3404482.256	-0.141	190+08.34 L19.52
7049	319795.876	3404491.376	0.170	190+08.34 R0.91
7050	319787.742	3404495.434	0.064	190+08.34 R10.00
7051	319782.587	3404498.006	-0.004	190+08.34 R15.76
7052	319767.905	3404505.330	-0.251	190+08.34 R32.17
7053	319757.070	3404510.736	-0.626	190+08.34 R44.28
7054	319729.195	3404524.642	-0.641	190+08.34 R75.43
7055	319715.894	3404531.277	-1.755	190+08.34 R90.29
7056	319702.232	3404538.093	-3.912	190+08.34 R105.56
7057	319688.639	3404544.875	-4.214	190+08.34 R120.75
7058	319675.145	3404551.607	-4.224	190+08.34 R135.83
7059	319661.647	3404558.340	-4.194	190+08.34 R150.92
7060	319648.099	3404565.099	-3.723	190+08.34 R166.06
7061	319634.614	3404571.827	-4.102	190+08.34 R181.13
7062	319620.918	3404578.659	-4.085	190+08.34 R196.43
7063	319607.173	3404585.517	-3.666	190+08.34 R211.79
7064	319593.612	3404592.282	-3.324	190+08.34 R226.95
7065	319580.386	3404598.880	-3.344	190+08.34 R241.73
7066	319567.316	3404605.400	-3.472	190+08.34 R256.33
7067	319553.958	3404612.064	-3.020	190+08.34 R271.26
7068	319540.856	3404618.601	-2.789	190+08.34 R285.90

7120	319537.746	3404898.629	0.480	192+13.42 R416.04
7121	319530.137	3404903.495	-2.694	192+13.42 R425.07
7122	319519.222	3404910.476	-2.805	192+13.42 R438.03
7123	319508.354	3404917.426	0.461	192+13.42 R450.93
7124	319497.371	3404924.450	0.464	192+13.42 R463.97
7125	319486.439	3404931.441	0.417	192+13.42 R476.94
7126	319479.323	3404935.992	-2.828	192+13.42 R485.39
7127	319469.217	3404942.455	-2.855	192+13.42 R497.38
7128	320065.837	3404865.845	-0.875	194+91.70 L51.20
7129	320056.860	3404879.821	0.887	194+91.70 L34.58
7130	320052.501	3404886.608	0.837	194+91.70 L26.52
7131	320049.045	3404891.988	0.466	194+91.70 L20.12
7132	320047.304	3404894.699	1.109	194+91.70 L16.90
7133	320036.778	3404911.086	0.266	194+91.70 R2.58
7134	320032.765	3404917.334	0.263	194+91.70 R10.00
7135	320026.622	3404926.898	0.259	194+91.70 R21.37
7136	320019.393	3404938.153	0.488	194+91.70 R34.74
7137	320010.019	3404952.747	-0.391	194+91.70 R52.09
7138	319999.376	3404969.316	-0.795	194+91.70 R71.78
7139	319983.510	3404994.017	-3.248	194+91.70 R101.14
7140	319977.937	3405002.693	-3.272	194+91.70 R111.45
7141	319972.278	3405011.504	-3.881	194+91.70 R121.92
7142	319966.526	3405020.460	-3.954	194+91.70 R132.57
7143	319961.016	3405029.037	-3.901	194+91.70 R142.76
7144	319960.729	3405029.483	-3.947	194+91.70 R143.29
7145	319955.341	3405037.873	-3.900	194+91.70 R153.26
7146	319954.844	3405038.647	-3.448	194+91.70 R154.18
7147	319951.533	3405043.801	-3.985	194+91.70 R160.31
7148	319947.348	3405050.316	-4.082	194+91.70 R168.05
7149	319945.978	3405052.450	-4.010	194+91.70 R170.59
7150	319942.692	3405057.566	-3.802	194+91.70 R176.67
7151	319940.047	3405061.683	-3.844	194+91.70 R181.56
7152	319937.931	3405064.978	-3.872	194+91.70 R185.48
7153	319934.094	3405070.951	-3.692	194+91.70 R192.58
7154	319928.178	3405080.161	-3.625	194+91.70 R203.52
7155	319922.341	3405089.250	-3.693	194+91.70 R214.33
7156	319916.529	3405098.298	-3.415	194+91.70 R225.08
7157	319910.654	3405107.444	-3.467	194+91.70 R235.95
7158	319904.774	3405116.599	-3.346	194+91.70 R246.83
7159	319900.509	3405123.239	-3.456	194+91.70 R254.72
7160	319896.889	3405128.875	-3.276	194+91.70 R261.42
7161	319893.225	3405134.578	-2.983	194+91.70 R268.20
7162	319893.171	3405134.663	-2.765	194+91.70 R268.30
7163	319889.575	3405140.262	-3.237	194+91.70 R274.95
7164	319887.452	3405143.567	-3.189	194+91.70 R278.88
7165	319885.946	3405145.911	-3.138	194+91.70 R281.67
7166	319881.711	3405152.505	-2.796	194+91.70 R289.51
7167	319875.897	3405161.556	-2.953	194+91.70 R300.26
7168	319870.145	3405170.511	-2.953	194+91.70 R310.91
7169	319864.435	3405179.401	-2.864	194+91.70 R321.47
7170	319858.737	3405188.271	-2.910	194+91.70 R332.01

7222	320075.428	3405103.111	-3.974	196+28.00 R143.25
7223	320071.250	3405109.616	-3.945	196+28.00 R150.99
7224	320062.626	3405123.042	-3.478	196+28.00 R166.94
7225	320055.635	3405133.926	-3.546	196+28.00 R179.88
7226	320048.829	3405144.523	-3.515	196+28.00 R192.47
7227	320042.227	3405154.802	-3.626	196+28.00 R204.69
7228	320037.870	3405161.585	-3.753	196+28.00 R212.75
7229	320033.488	3405168.406	-3.778	196+28.00 R220.86
7230	320244.605	3404955.934	-0.609	196+31.63 L93.20
7231	320219.553	3404964.013	-1.952	196+31.63 L66.88
7232	320201.541	3404969.822	-0.551	196+31.63 L47.96
7233	320173.365	3404978.908	0.794	196+31.63 L18.35
7234	320146.383	3404987.610	0.537	196+31.63 R10.00
7235	320131.515	3404992.404	0.396	196+31.63 R25.62
7236	320112.808	3404998.437	0.198	196+31.63 R45.28
7237	320100.131	3405002.525	0.047	196+31.63 R58.60
7238	320086.646	3405006.874	-0.304	196+31.63 R72.77
7239	320073.439	3405011.133	-0.527	196+31.63 R86.64
7240	320057.757	3405016.190	-1.223	196+31.63 R103.12
7241	320050.171	3405018.637	-1.290	196+31.63 R111.09
7242	320048.341	3405019.227	-1.296	196+31.63 R113.01
7243	320038.385	3405022.438	-1.842	196+31.63 R123.48
7244	320028.497	3405025.626	-2.311	196+31.63 R133.86
7245	320018.487	3405028.854	-3.079	196+31.63 R144.38
7246	320008.434	3405032.096	-3.595	196+31.63 R154.95
7247	319998.411	3405035.329	-3.754	196+31.63 R165.48
7248	319988.437	3405038.545	-3.766	196+31.63 R175.96
7249	319978.424	3405041.774	-3.901	196+31.63 R186.48
7250	319973.792	3405043.268	-3.628	196+31.63 R191.34
7251	319963.601	3405046.554	-3.900	196+31.63 R202.05
7252	319962.619	3405046.871	-4.041	196+31.63 R203.08
7253	319953.908	3405049.680	-3.985	196+31.63 R212.24
7254	319950.446	3405050.797	-3.448	196+31.63 R215.87
7255	319944.176	3405052.819	-4.082	196+31.63 R222.46
7256	319938.902	3405054.519	-4.010	196+31.63 R228.00
7257	319934.276	3405056.011	-3.802	196+31.63 R232.86
7258	319931.286	3405056.975	-3.844	196+31.63 R236.01
7259	319924.156	3405059.275	-3.872	196+31.63 R243.50
7260	319923.546	3405059.471	-3.692	196+31.63 R244.14
7261	319915.797	3405061.970	-3.625	196+31.63 R252.28
7262	319913.968	3405062.560	-3.848	196+31.63 R254.20
7263	319904.053	3405065.758	-3.656	196+31.63 R264.62
7264	319894.171	3405068.944	-3.539	196+31.63 R275.00
7265	319884.087	3405072.197	-3.240	196+31.63 R285.60
7266	319869.119	3405077.024	-3.284	196+31.63 R301.33
7267	319854.089	3405081.870	-3.171	196+31.63 R317.12
7268	319844.134	3405085.081	-3.129	196+31.63 R327.58
7269	319834.213	3405088.280	-3.014	196+31.63 R338.00
7270	319824.250	3405091.493	-3.016	196+31.63 R348.47
7271	319814.208	3405094.731	-2.948	196+31.63 R359.02
7272	319804.472	3405097.871	-2.780	196+31.63 R369.25

7324	319889.860	3405134.819	-2.765	196+93.00 R299.32
7325	319882.520	3405137.186	-3.189	196+93.00 R307.04
7326	319881.783	3405137.424	-3.237	196+93.00 R307.81
7327	319874.969	3405139.621	-2.796	196+93.00 R314.97
7328	319872.355	3405140.464	-3.138	196+93.00 R317.72
7329	319867.004	3405142.190	-2.953	196+93.00 R323.34
7330	319858.521	3405144.926	-2.922	196+93.00 R332.25
7331	319845.154	3405149.236	-2.889	196+93.00 R346.30
7332	319832.069	3405153.456	-2.827	196+93.00 R360.05
7333	319819.285	3405157.579	-2.768	196+93.00 R373.48
7334	319807.802	3405161.282	-2.728	196+93.00 R385.54
7335	319795.296	3405165.315	-2.687	196+93.00 R398.68
7336	319784.548	3405168.781	-2.753	196+93.00 R409.98
7337	320264.907	3405058.001	1.547	197+35.00 L81.20
7338	320251.252	3405062.405	1.537	197+35.00 L66.85
7339	320233.562	3405068.110	1.799	197+35.00 L48.26
7340	320218.530	3405072.957	1.467	197+35.00 L32.47
7341	320209.826	3405075.765	1.427	197+35.00 L23.32
7342	320194.633	3405080.664	0.453	197+35.00 L7.36
7343	320180.574	3405085.198	0.124	197+35.00 R7.41
7344	320178.110	3405085.992	-0.087	197+35.00 R10.00
7345	320169.711	3405088.701	-0.806	197+35.00 R18.83
7346	320161.984	3405091.193	-0.122	197+35.00 R26.94
7347	320159.186	3405092.095	-0.799	197+35.00 R29.88
7348	320148.638	3405095.497	-1.222	197+35.00 R40.97
7349	320148.496	3405095.543	-0.621	197+35.00 R41.12
7350	320147.956	3405095.717	-1.202	197+35.00 R41.68
7351	320137.714	3405099.019	-0.956	197+35.00 R52.44
7352	320126.760	3405102.552	-1.644	197+35.00 R63.95
7353	320120.169	3405104.677	-2.693	197+35.00 R70.88
7354	320115.242	3405106.266	-2.227	197+35.00 R76.06
7355	320108.816	3405108.339	-2.996	197+35.00 R82.81
7356	320103.199	3405110.150	-2.613	197+35.00 R88.71
7357	320097.034	3405112.138	-3.373	197+35.00 R95.19
7358	320090.253	3405114.325	-3.496	197+35.00 R102.31
7359	320083.930	3405116.364	-3.620	197+35.00 R108.96
7360	320074.422	3405119.430	-3.478	197+35.00 R118.95
7361	320060.078	3405124.056	-3.546	197+35.00 R134.02
7362	320045.768	3405128.671	-3.515	197+35.00 R149.05
7363	320031.531	3405133.262	-3.626	197+35.00 R164.01
7364	320021.957	3405136.350	-3.753	197+35.00 R174.07
7365	319871.808	3405184.770	-2.953	197+35.00 R331.84
7366	319863.790	3405187.356	-2.864	197+35.00 R340.26
7367	319855.866	3405189.912	-2.910	197+35.00 R348.59
7368	319844.279	3405193.648	-2.896	197+35.00 R360.76
7369	319836.618	3405196.119	-2.753	197+35.00 R368.81
7370	319829.032	3405198.565	-2.677	197+35.00 R376.78
7371	320264.449	3405057.611	1.547	197+39.47 L81.04
7372	320251.109	3405062.839	1.537	197+39.47 L66.71
7373	320233.720	3405069.654	1.799	197+39.47 L48.03
7374	320218.588	3405075.585	1.467	197+39.47 L31.78

7426	320217.209	3405125.023	0.987	197+85.00 L12.46
7427	320211.713	3405127.177	0.695	197+85.00 L6.55
7428	320198.127	3405132.502	0.367	197+85.00 R8.04
7429	320196.302	3405133.217	0.337	197+85.00 R10.00
7430	320196.119	3405133.289	0.334	197+85.00 R10.20
7431	320180.144	3405139.549	0.077	197+85.00 R27.35
7432	320178.290	3405140.276	-0.050	197+85.00 R29.35
7433	320167.557	3405144.482	-0.770	197+85.00 R40.87
7434	320167.064	3405144.676	-0.347	197+85.00 R41.40
7435	320164.163	3405145.813	-0.517	197+85.00 R44.52
7436	320144.302	3405153.596	-1.928	197+85.00 R65.85
7437	320139.663	3405155.414	-2.159	197+85.00 R70.83
7438	320128.468	3405159.802	-2.331	197+85.00 R82.86
7439	320127.154	3405160.317	-2.357	197+85.00 R84.27
7440	320116.820	3405164.367	-2.840	197+85.00 R95.37
7441	320116.358	3405164.548	-2.857	197+85.00 R95.86
7442	320108.622	3405167.580	-3.285	197+85.00 R104.17
7443	320103.867	3405169.443	-3.416	197+85.00 R109.28
7444	320099.194	3405171.274	-3.431	197+85.00 R114.30
7445	320094.484	3405173.120	-3.405	197+85.00 R119.36
7446	320087.242	3405175.958	-3.468	197+85.00 R127.14
7447	320080.362	3405178.655	-3.533	197+85.00 R134.53
7448	320077.649	3405179.718	-3.545	197+85.00 R137.44
7449	320068.021	3405183.491	-3.527	197+85.00 R147.78
7450	320066.302	3405184.165	-3.525	197+85.00 R149.63
7451	320058.326	3405187.291	-3.573	197+85.00 R158.19
7452	320052.341	3405189.637	-3.614	197+85.00 R164.62
7453	320048.635	3405191.089	-3.654	197+85.00 R168.60
7454	320042.965	3405193.311	-3.696	197+85.00 R174.69
7455	320039.054	3405194.843	-3.696	197+85.00 R178.89
7456	320033.534	3405197.007	-3.691	197+85.00 R184.82
7457	320029.421	3405198.619	-3.602	197+85.00 R189.24
7458	320024.093	3405200.707	-3.413	197+85.00 R194.96
7459	320019.537	3405202.493	-3.389	197+85.00 R199.86
7460	320014.605	3405204.425	-3.485	197+85.00 R205.15
7461	320009.756	3405206.326	-3.476	197+85.00 R210.36
7462	319999.993	3405210.152	-3.374	197+85.00 R220.85
7463	319995.740	3405211.819	-3.324	197+85.00 R225.41
7464	319986.325	3405215.508	-2.925	197+85.00 R235.53
7465	319985.306	3405215.908	-2.945	197+85.00 R236.62
7466	319972.557	3405220.904	-3.217	197+85.00 R250.31
7467	319970.602	3405221.671	-3.213	197+85.00 R252.41
7468	319960.822	3405225.503	-3.145	197+85.00 R262.92
7469	319958.693	3405226.338	-3.128	197+85.00 R265.21
7470	319951.047	3405229.334	-3.110	197+85.00 R273.42
7471	319944.638	3405231.846	-3.103	197+85.00 R280.30
7472	319941.454	3405233.094	-3.053	197+85.00 R283.72
7473	319935.291	3405235.509	-3.003	197+85.00 R290.34
7474	319931.848	3405236.858	-3.036	197+85.00 R294.04
7475	319925.993	3405239.153	-3.059	197+85.00 R300.33
7476	319922.211	3405240.635	-2.996	197+85.00 R304.39

7528	320079.788	3405322.986	-3.441	198+95.28 R189.24
7529	320070.472	3405328.077	-2.884	198+95.28 R199.86
7530	320061.254	3405333.115	-3.159	198+95.28 R210.36
7531	320052.052	3405338.143	-3.147	198+95.28 R220.85
7532	320038.209	3405345.708	-3.061	198+95.28 R236.62
7533	320024.351	3405353.281	-3.078	198+95.28 R252.41
7534	320015.133	3405358.318	-2.942	198+95.28 R262.92
7535	320005.920	3405363.352	-2.772	198+95.28 R273.42
7536	319996.879	3405368.293	-2.649	198+95.28 R283.72
7537	319987.826	3405373.240	-2.765	198+95.28 R294.04
7538	319978.742	3405378.204	-2.693	198+95.28 R304.39
7539	319969.712	3405383.139	-2.674	198+95.28 R314.68
7540	319960.710	3405388.058	-2.664	198+95.28 R324.94
7541	319947.505	3405395.274	-2.880	198+95.28 R339.99
7542	319938.765	3405400.050	-2.690	198+95.28 R349.95
7543	319929.778	3405404.961	-2.611	198+95.28 R360.19
7544	319920.781	3405409.878	-2.806	198+95.28 R370.44
7545	319911.727	3405414.826	-2.992	198+95.28 R380.76
7546	319902.668	3405419.776	-2.797	198+95.28 R391.08
7547	319893.813	3405424.615	-2.737	198+95.28 R401.17
7548	319881.239	3405431.486	-2.799	198+95.28 R415.50
7549	319869.151	3405438.092	-2.776	198+95.28 R429.28
7550	319857.581	3405444.414	-2.790	198+95.28 R442.46
7551	319847.002	3405450.195	-2.729	198+95.28 R454.52
7552	319838.480	3405454.852	-2.720	198+95.28 R464.23
7553	319832.658	3405458.033	-2.830	198+95.28 R470.86
7554	320383.240	3405276.503	-0.275	200+00.00 L99.34
7555	320363.100	3405287.509	-0.141	200+00.00 L76.39
7556	320351.890	3405293.635	-0.354	200+00.00 L63.61
7557	320330.218	3405305.478	0.767	200+00.00 L38.92
7558	320317.895	3405312.212	-0.037	200+00.00 L24.87
7559	320301.289	3405321.287	0.983	200+00.00 L5.95
7560	320287.294	3405328.934	0.646	200+00.00 R10.00
7561	320283.277	3405331.129	0.549	200+00.00 R14.58
7562	320265.722	3405340.722	0.326	200+00.00 R34.58
7563	320249.481	3405349.597	0.079	200+00.00 R53.09
7564	320241.728	3405353.834	0.402	200+00.00 R61.93
7565	320233.453	3405358.356	-0.351	200+00.00 R71.36
7566	320225.261	3405362.833	-1.036	200+00.00 R80.69
7567	320223.655	3405363.710	-0.860	200+00.00 R82.52
7568	320215.659	3405368.080	-0.919	200+00.00 R91.63
7569	320205.383	3405373.695	-2.135	200+00.00 R103.34
7570	320198.780	3405377.304	-3.158	200+00.00 R110.87
7571	320190.085	3405382.055	-3.446	200+00.00 R120.78
7572	320180.198	3405387.458	-3.360	200+00.00 R132.04
7573	320167.313	3405394.499	-3.545	200+00.00 R146.73
7574	320158.535	3405399.296	-3.463	200+00.00 R156.73
7575	320149.783	3405404.078	-3.484	200+00.00 R166.70
7576	320140.626	3405409.082	-3.383	200+00.00 R177.14
7577	320131.353	3405414.150	-3.358	200+00.00 R187.71
7578	320122.321	3405419.085	-2.937	200+00.00 R198.00

7630	320357.138	3405876.862	-3.023	205+42.68 R213.35
7631	320342.072	3405882.651	0.384	205+42.68 R229.49
7632	320326.863	3405888.494	-2.889	205+42.68 R245.79
7633	320316.727	3405892.387	-2.969	205+42.68 R256.64
7634	320306.760	3405896.216	-2.699	205+42.68 R267.32
7635	320296.907	3405900.002	-2.678	205+42.68 R277.88
7636	320286.962	3405903.822	-2.606	205+42.68 R288.53
7637	320276.935	3405907.674	-2.665	205+42.68 R299.27
7638	320266.991	3405911.495	-2.668	205+42.68 R309.92
7639	320257.257	3405915.234	-2.665	205+42.68 R320.35
7640	320247.694	3405918.908	-2.606	205+42.68 R330.60
7641	320238.154	3405922.573	-2.713	205+42.68 R340.82
7642	320228.721	3405926.197	-2.630	205+42.68 R350.92
7643	320219.530	3405929.728	-2.667	205+42.68 R360.77
7644	320210.495	3405933.199	-2.630	205+42.68 R370.45
7645	320196.796	3405938.462	-2.614	205+42.68 R385.12
7646	320187.328	3405942.099	-2.795	205+42.68 R395.26
7647	320177.830	3405945.748	-2.659	205+42.68 R405.44
7648	320168.502	3405949.331	-2.859	205+42.68 R415.43
7649	320155.131	3405954.468	-2.697	205+42.68 R429.76
7650	320142.472	3405959.331	-2.705	205+42.68 R443.32
7651	320130.798	3405963.816	-2.830	205+42.68 R455.82
7652	320119.430	3405968.183	-2.716	205+42.68 R468.00
7653	320108.495	3405972.385	-2.785	205+42.68 R479.71
7654	320099.691	3405975.767	-2.721	205+42.68 R489.15
7655	320092.057	3405978.699	-2.623	205+42.68 R497.32
7656	320766.051	3406099.367	-0.607	208+90.57 L88.80
7657	320752.079	3406103.597	-0.486	208+90.57 L74.20
7658	320739.635	3406107.365	-0.243	208+90.57 L61.20
7659	320709.621	3406116.452	1.295	208+90.57 L29.84
7660	320700.188	3406119.308	1.199	208+90.57 L19.99
7661	320690.100	3406122.363	1.032	208+90.57 L9.45
7662	320681.069	3406125.097	1.356	208+90.57 L0.01
7663	320671.489	3406127.998	0.848	208+90.57 R10.00
7664	320671.300	3406128.055	0.838	208+90.57 R10.20
7665	320663.193	3406130.509	0.372	208+90.57 R18.67
7666	320646.859	3406135.455	-0.039	208+90.57 R35.73
7667	320634.457	3406139.210	-0.137	208+90.57 R48.69
7668	320621.645	3406143.089	-0.505	208+90.57 R62.08
7669	320607.800	3406147.281	-0.633	208+90.57 R76.54
7670	320601.239	3406149.267	-0.685	208+90.57 R83.40
7671	320594.099	3406151.429	-0.952	208+90.57 R90.86
7672	320589.213	3406152.908	-1.231	208+90.57 R95.96
7673	320582.577	3406154.918	-1.917	208+90.57 R102.90
7674	320578.151	3406156.258	-2.285	208+90.57 R107.52
7675	320565.325	3406160.141	-2.739	208+90.57 R120.92
7676	320554.138	3406163.528	-2.935	208+90.57 R132.61
7677	320541.854	3406167.248	-2.901	208+90.57 R145.45
7678	320527.545	3406171.580	-3.376	208+90.57 R160.40
7679	320517.983	3406174.475	-2.847	208+90.57 R170.39
7680	320508.372	3406177.385	-3.061	208+90.57 R180.43

7732	320544.252	3406424.787	-2.818	211+46.76 R217.97
7733	320531.986	3406427.953	-2.856	211+46.76 R230.64
7734	320519.822	3406431.094	-2.707	211+46.76 R243.20
7735	320507.847	3406434.185	-2.537	211+46.76 R255.57
7736	320496.090	3406437.221	-2.434	211+46.76 R267.71
7737	320484.384	3406440.243	-2.462	211+46.76 R279.80
7738	320472.807	3406443.232	-2.365	211+46.76 R291.76
7739	320461.056	3406446.265	-2.334	211+46.76 R303.89
7740	320449.301	3406449.300	-2.362	211+46.76 R316.03
7741	320437.850	3406452.257	-1.984	211+46.76 R327.86
7742	320426.534	3406455.178	-2.476	211+46.76 R339.55
7743	320415.031	3406458.148	-2.288	211+46.76 R351.43
7744	320403.593	3406461.101	-2.398	211+46.76 R363.24
7745	320391.940	3406464.109	-2.481	211+46.76 R375.27
7746	320380.452	3406467.075	-2.321	211+46.76 R387.14
7747	320369.166	3406469.989	-2.456	211+46.76 R398.80
7748	320358.084	3406472.850	-2.508	211+46.76 R410.24
7749	320347.033	3406475.703	-2.895	211+46.76 R421.65
7750	320336.339	3406478.464	-2.251	211+46.76 R432.70
7751	320326.165	3406481.090	-2.456	211+46.76 R443.21
7752	320316.176	3406483.669	-2.489	211+46.76 R453.52
7753	320306.188	3406486.248	-2.492	211+46.76 R463.84
7754	320296.581	3406488.728	-2.559	211+46.76 R473.76
7755	320287.269	3406491.132	-2.471	211+46.76 R483.38
7756	320274.615	3406494.399	-2.525	211+46.76 R496.45
7757	320917.470	3406657.860	-0.559	214+66.55 L85.14
7758	320901.640	3406662.110	-0.041	214+66.55 L68.75
7759	320880.751	3406667.719	1.383	214+66.55 L47.12
7760	320872.561	3406669.918	2.724	214+66.55 L38.64
7761	320858.077	3406673.808	1.195	214+66.55 L23.65
7762	320849.066	3406676.227	1.070	214+66.55 L14.32
7763	320842.715	3406677.932	1.628	214+66.55 L7.74
7764	320835.420	3406679.891	1.979	214+66.55 L0.19
7765	320828.301	3406681.803	1.923	214+66.55 R7.19
7766	320825.656	3406682.513	2.608	214+66.55 R9.92
7767	320825.582	3406682.533	2.565	214+66.55 R10.00
7768	320823.191	3406683.175	1.188	214+66.55 R12.48
7769	320804.599	3406688.167	0.075	214+66.55 R31.73
7770	320793.518	3406691.143	0.383	214+66.55 R43.20
7771	320790.559	3406691.937	0.045	214+66.55 R46.26
7772	320787.176	3406692.845	0.317	214+66.55 R49.77
7773	320782.587	3406694.078	-0.787	214+66.55 R54.52
7774	320777.239	3406695.513	-0.516	214+66.55 R60.06
7775	320767.186	3406698.213	-0.682	214+66.55 R70.46
7776	320763.150	3406699.297	-1.176	214+66.55 R74.64
7777	320756.842	3406700.990	-1.509	214+66.55 R81.18
7778	320743.916	3406704.461	-2.321	214+66.55 R94.56
7779	320730.582	3406708.042	-2.443	214+66.55 R108.37
7780	320720.929	3406710.633	-2.621	214+66.55 R118.36
7781	320706.604	3406714.480	-2.613	214+66.55 R133.19
7782	320696.946	3406717.073	-2.655	214+66.55 R143.19

7834	320879.838	3407114.251	-2.488	220+98.14 R244.37
7835	320878.327	3407113.433	-2.166	220+98.14 R246.09
7836	320877.059	3407112.746	-2.475	220+98.14 R247.53
7837	320840.785	3407093.106	-2.616	220+98.14 R288.78
7838	320839.701	3407092.519	-1.959	220+98.14 R290.01
7839	320837.565	3407091.362	-2.418	220+98.14 R292.44
7840	320930.818	3407097.986	0.438	221+83.23 R241.37
7841	320929.913	3407096.464	-0.071	221+83.23 R243.14
7842	320929.844	3407096.348	0.310	221+83.23 R243.27
7843	320917.630	3407075.818	-0.764	221+83.23 R267.16
7844	320917.317	3407075.291	0.429	221+83.23 R267.77
7845	320917.112	3407074.945	0.450	221+83.23 R268.17
7846	320916.076	3407073.204	0.132	221+83.23 R270.20
7847	320915.937	3407072.971	0.418	221+83.23 R270.47
7848	320913.221	3407068.406	0.992	221+83.23 R275.78
7849	320912.968	3407067.981	1.944	221+83.23 R276.28
7850	320910.779	3407064.301	-0.379	221+83.23 R280.56
7851	320904.460	3407053.679	0.342	221+83.23 R292.92
7852	320895.659	3407038.885	0.411	221+83.23 R310.13
7853	320889.536	3407028.592	-0.685	221+83.23 R322.11
7854	320888.947	3407027.601	-2.719	221+83.23 R323.26
7855	320888.353	3407026.603	-2.699	221+83.23 R324.42
7856	320887.562	3407025.274	0.401	221+83.23 R325.97
7857	320879.638	3407011.954	-0.039	221+83.23 R341.47
7858	320865.705	3406988.533	-0.091	221+83.23 R368.72
7859	320851.589	3406964.803	-0.134	221+83.23 R396.33
7860	320842.422	3406949.395	-0.453	221+83.23 R414.26
7861	320829.139	3406927.066	-0.158	221+83.23 R440.24
7862	320822.114	3406915.257	-0.811	221+83.23 R453.98
7863	320812.797	3406899.597	-1.736	221+83.23 R472.21
7864	320801.321	3406880.304	-2.826	221+83.23 R494.65
7865	320423.330	3406788.832	-2.283	227+00.41 R387.74
7866	320422.325	3406787.000	-2.174	227+00.41 R389.83
7867	320421.424	3406785.356	-2.268	227+00.41 R391.70
7868	320377.031	3406704.355	-2.321	227+00.41 R484.07
7869	320371.011	3406693.370	-2.362	227+00.41 R496.59
7870	319717.362	3407837.355	-0.055	237+85.76 L89.39
7871	319718.020	3407825.584	0.250	237+85.76 L77.61
7872	319718.905	3407809.746	2.012	237+85.76 L61.74
7873	319719.681	3407795.855	1.510	237+85.76 L47.83
7874	319721.258	3407767.643	1.546	237+85.76 L19.57
7875	319721.501	3407763.299	1.202	237+85.76 L15.22
7876	319722.210	3407750.602	0.710	237+85.76 L2.51
7877	319722.908	3407738.116	1.721	237+85.76 R10.00
7878	319723.134	3407734.077	2.048	237+85.76 R14.05
7879	319723.674	3407724.412	1.950	237+85.76 R23.73
7880	319724.297	3407713.262	1.792	237+85.76 R34.89
7881	319724.397	3407711.473	0.009	237+85.76 R36.68
7882	319725.398	3407693.575	-0.511	237+85.76 R54.61
7883	319726.424	3407675.207	-0.685	237+85.76 R73.01
7884	319726.826	3407668.015	-0.704	237+85.76 R80.21

7936	319451.496	3403957.078	-4.900	172+09.53 R107.46
7937	319454.934	3403960.748	-4.950	172+09.53 R112.49
7938	319459.669	3403965.805	-4.914	172+09.53 R119.42
7939	319465.078	3403971.580	-4.336	172+09.53 R127.33
7940	319475.275	3403982.470	-4.970	172+09.53 R142.25
7941	319485.168	3403993.033	-4.330	172+09.53 R156.72
7942	319491.618	3403999.921	-2.378	172+09.53 R166.16
7943	319497.578	3404006.284	-0.734	172+09.53 R174.88
7944	319502.303	3404011.330	-3.478	172+09.53 R181.79
7945	319506.140	3404015.428	-2.470	172+09.53 R187.41
7946	319509.733	3404019.264	-2.870	172+09.53 R192.66
7947	319522.628	3404033.034	0.290	172+09.53 R211.53
7948	319527.195	3404037.911	0.529	172+09.53 R218.21

ATTACHMENT “O”

Final Point File

JUG LAKE FINAL POINTS

PT #	NORTHING	EASTING	ELEV.	DESCRIPTION
10001	319626.818	3404064.296	1.588	L0.38 184+00.00 L50.10
10002	319623.228	3404047.191	2.274	L0.84 184+00.00 L32.62
10003	319620.065	3404032.123	4.575	L0.38 184+00.00 L17.22
10004	319617.628	3404020.508	5.864	L0.80 184+00.00 L5.36
10005	319616.100	3404013.229	5.644	R1.47 184+00.00 R2.08
10006	319616.097	3404013.214	5.752	R0.31 184+00.00 R2.10
10007	319614.790	3404006.986	5.602	L0.26 184+00.00 R8.46
10008	319613.513	3404000.903	4.092	R2.45 184+00.00 R14.68
10009	319613.115	3403999.007	3.726	R0.64 184+00.00 R16.61
10010	319612.299	3403995.118	2.972	L0.56 184+00.00 R20.59
10011	319611.760	3403992.548	2.568	L0.14 184+00.00 R23.21
10012	319611.683	3403992.181	1.797	L0.58 184+00.00 R23.59
10013	319609.781	3403983.119	0.481	R0.16 184+00.00 R32.85
10014	319608.852	3403978.695	0.094	R0.18 184+00.00 R37.37
10015	319607.473	3403972.123	-0.232	R0.19 184+00.00 R44.08
10016	319605.922	3403964.734	-0.335	R0.05 184+00.00 R51.63
10017	319604.854	3403959.644	-1.400	R0.16 184+00.00 R56.84
10018	319604.234	3403956.687	-1.283	R0.22 184+00.00 R59.86
10019	319602.646	3403949.122	-3.291	L0.04 184+00.00 R67.59
10020	319600.905	3403940.828	-3.727	R0.29 184+00.00 R76.06
10021	319598.885	3403931.200	-4.413	R0.04 184+00.00 R85.90
10022	319595.984	3403917.377	-4.564	R0.09 184+00.00 R100.02
10023	319592.927	3403902.812	-4.570	L0.10 184+00.00 R114.91
10024	319590.280	3403890.199	-5.666	R0.54 184+00.00 R127.79
10025	319586.930	3403874.237	-6.001	R0.71 184+00.00 R144.10
10026	319583.995	3403860.252	-5.951	L0.04 184+00.00 R158.39
10027	319580.915	3403845.578	-5.633	R0.17 184+00.00 R173.39
10028	319578.159	3403832.447	-5.646	R0.18 184+00.00 R186.80
10029	319575.797	3403821.192	-6.043	L0.10 184+00.00 R198.30
10030	319573.552	3403810.495	-5.932	L0.05 184+00.00 R209.23
10031	319561.448	3404093.627	5.367	R0.35 184+70.00 L65.38
10032	319560.613	3404089.646	5.409	L4.29 184+70.00 L61.31
10033	319556.329	3404069.236	6.111	L0.13 184+70.00 L40.45
10034	319554.595	3404060.974	5.862	R4.15 184+70.00 L32.01
10035	319554.353	3404059.821	5.955	R0.61 184+70.00 L30.83
10036	319552.281	3404049.947	5.563	L2.53 184+70.00 L20.75
10037	319551.588	3404046.642	6.093	L1.47 184+70.00 L17.37
10038	319550.747	3404042.639	5.997	L0.01 184+70.00 L13.28
10039	319550.121	3404039.653	5.903	R0.05 184+70.00 L10.23
10040	319548.904	3404033.857	6.040	L0.17 184+70.00 L4.30
10041	319547.791	3404028.551	5.961	R0.18 184+70.00 R1.12
10042	319546.382	3404021.839	5.529	R0.12 184+70.00 R7.98
10043	319545.234	3404016.367	3.730	R0.17 184+70.00 R13.57
10044	319544.410	3404012.443	3.542	R0.20 184+70.00 R17.58
10045	319543.127	3404006.330	2.160	R0.01 184+70.00 R23.82
10046	319541.984	3404000.883	1.402	R0.17 184+70.00 R29.39
10047	319541.240	3403997.336	0.466	L0.04 184+70.00 R33.01
10048	319540.631	3403994.435	0.155	R0.04 184+70.00 R35.98

10049	319537.867	3403981.264	-1.015	R0.18 184+70.00 R49.44
10050	319537.208	3403978.127	-2.479	R0.10 184+70.00 R52.64
10051	319536.176	3403973.207	-4.516	R0.08 184+70.00 R57.67
10052	319534.829	3403966.788	-6.560	R0.16 184+70.00 R64.23
10053	319532.648	3403956.396	-7.082	R0.03 184+70.00 R74.84
10054	319530.511	3403946.215	-7.489	R0.03 184+70.00 R85.25
10055	319528.278	3403935.574	-7.141	L0.06 184+70.00 R96.12
10056	319526.085	3403925.128	-6.879	R0.04 184+70.00 R106.79
10057	319523.723	3403913.872	-7.414	L0.16 184+70.00 R118.30
10058	319521.695	3403904.206	-7.968	L0.17 184+70.00 R128.17
10059	319519.561	3403894.041	-6.574	L0.27 184+70.00 R138.56
10060	319517.390	3403883.694	-5.009	L0.04 184+70.00 R149.13
10061	319515.932	3403876.747	-3.500	L0.15 184+70.00 R156.23
10062	319515.168	3403873.109	-2.860	L0.21 184+70.00 R159.95
10063	319637.056	3404007.710	5.315	R1.61 185+00.00 L98.28
10064	319626.929	3404012.608	5.621	L0.32 185+00.00 L87.03
10065	319619.198	3404016.349	5.644	L3.80 185+00.00 L78.44
10066	319618.189	3404016.837	5.752	L4.10 185+00.00 L77.32
10067	319616.994	3404017.415	5.864	R3.25 185+00.00 L75.99
10068	319581.144	3404034.758	4.665	R3.02 185+00.00 L36.17
10069	319574.732	3404037.860	4.882	L0.53 185+00.00 L29.05
10070	319554.010	3404047.885	5.563	R1.71 185+00.00 L6.03
10071	319553.816	3404047.979	6.093	L1.82 185+00.00 L5.81
10072	319547.188	3404051.186	6.073	L0.05 185+00.00 R1.55
10073	319541.965	3404053.712	5.469	R0.54 185+00.00 R7.36
10074	319534.054	3404057.539	4.958	R0.13 185+00.00 R16.14
10075	319527.226	3404060.843	2.832	R0.06 185+00.00 R23.73
10076	319521.323	3404063.698	1.288	R0.09 185+00.00 R30.29
10077	319515.366	3404066.580	0.308	L0.05 185+00.00 R36.90
10078	319506.567	3404070.837	-0.113	L0.07 185+00.00 R46.68
10079	319499.959	3404074.034	-0.287	L0.09 185+00.00 R54.02
10080	319496.644	3404075.637	0.571	L0.03 185+00.00 R57.70
10081	319492.785	3404077.504	-1.063	L0.01 185+00.00 R61.99
10082	319489.329	3404079.176	-0.771	L0.01 185+00.00 R65.83
10083	319485.232	3404081.158	-3.448	L0.00 185+00.00 R70.38
10084	319480.426	3404083.483	-4.527	L0.01 185+00.00 R75.72
10085	319470.762	3404088.158	-4.980	R0.07 185+00.00 R86.45
10086	319456.742	3404094.941	-6.040	R0.03 185+00.00 R102.03
10087	319446.470	3404099.911	-5.873	L0.02 185+00.00 R113.44
10088	319436.847	3404104.565	-6.008	L0.01 185+00.00 R124.13
10089	319426.376	3404109.631	-5.966	R0.03 185+00.00 R135.76
10090	319415.434	3404114.925	-6.035	L0.06 185+00.00 R147.91
10091	319403.203	3404120.842	-5.851	R0.05 185+00.00 R161.50
10092	319389.622	3404127.412	-5.314	L0.20 185+00.00 R176.59
10093	319377.869	3404133.098	-6.390	L0.10 185+00.00 R189.64
10094	319365.938	3404138.870	-6.279	L0.27 185+00.00 R202.90
10095	319352.268	3404145.483	-5.278	L0.18 185+00.00 R218.08
10096	319341.685	3404150.603	-5.328	L0.09 185+00.00 R229.84
10097	319329.519	3404156.488	-6.312	L0.09 185+00.00 R243.36
10098	319317.763	3404162.176	-5.719	R0.06 185+00.00 R256.42
10099	319304.895	3404168.401	-5.706	L0.13 185+00.00 R270.71

10100	319292.385	3404174.453	-5.309	L0.02 185+00.00 R284.61
10101	319281.169	3404179.879	-5.231	L0.07 185+00.00 R297.07
10102	319270.258	3404185.157	-4.663	L0.42 185+00.00 R309.19
10103	319258.690	3404190.754	-5.015	L0.05 185+00.00 R322.04
10104	319245.362	3404197.201	-5.533	R0.10 185+00.00 R336.84
10105	319232.986	3404203.189	-5.603	R0.08 185+00.00 R350.59
10106	319221.207	3404208.887	-5.252	R0.05 185+00.00 R363.68
10107	319210.089	3404214.266	-5.560	L0.02 185+00.00 R376.03
10108	319199.565	3404219.357	-5.128	L0.06 185+00.00 R387.72
10109	319189.115	3404224.412	-5.692	R0.15 185+00.00 R399.33
10110	319179.043	3404229.285	-6.667	R0.04 185+00.00 R410.52
10111	319168.704	3404234.287	-6.549	R0.06 185+00.00 R422.00
10112	319158.392	3404239.275	-6.756	R0.02 185+00.00 R433.46
10113	319147.803	3404244.398	-7.268	L0.01 185+00.00 R445.22
10114	319136.973	3404249.637	-7.409	R0.05 185+00.00 R457.25
10115	319126.299	3404254.801	-7.232	R0.02 185+00.00 R469.11
10116	319114.910	3404260.311	-6.415	R0.01 185+00.00 R481.76
10117	319103.908	3404265.633	-5.595	L0.02 185+00.00 R493.98
10118	319700.342	3404162.891	-1.364	R0.17 186+84.58 L89.37
10119	319689.770	3404170.857	-0.622	L0.05 186+84.58 L76.13
10120	319676.750	3404180.667	-2.020	R0.02 186+84.58 L59.83
10121	319668.596	3404186.812	-1.905	L0.37 186+84.58 L49.62
10122	319661.576	3404192.101	-1.977	R0.04 186+84.58 L40.83
10123	319651.765	3404199.494	2.140	L0.58 186+84.58 L28.54
10124	319645.287	3404204.375	3.128	L0.49 186+84.58 L20.43
10125	319637.060	3404210.574	4.848	L0.01 186+84.58 L10.13
10126	319633.405	3404213.328	5.263	L0.20 186+84.58 L5.55
10127	319630.165	3404215.769	5.143	R0.01 186+84.58 L1.50
10128	319623.816	3404220.553	4.930	L0.01 186+84.58 R6.45
10129	319614.608	3404227.491	3.354	R0.12 186+84.58 R17.98
10130	319610.224	3404230.794	1.317	R0.07 186+84.58 R23.47
10131	319607.824	3404232.602	0.540	L0.00 186+84.58 R26.48
10132	319594.452	3404242.678	0.145	R0.03 186+84.58 R43.22
10133	319582.330	3404251.812	-0.151	R0.09 186+84.58 R58.40
10134	319575.458	3404256.990	-1.172	R0.02 186+84.58 R67.00
10135	319571.723	3404259.804	-1.327	L0.04 186+84.58 R71.68
10136	319568.355	3404262.342	-3.197	L0.06 186+84.58 R75.90
10137	319563.752	3404265.811	-6.449	L0.12 186+84.58 R81.66
10138	319555.405	3404272.100	-6.432	L0.03 186+84.58 R92.11
10139	319546.379	3404278.900	-6.505	L0.02 186+84.58 R103.41
10140	319538.945	3404284.502	-5.783	L0.03 186+84.58 R112.72
10141	319530.771	3404290.661	-6.528	L0.04 186+84.58 R122.95
10142	319522.349	3404297.007	-6.305	R0.02 186+84.58 R133.50
10143	319512.108	3404304.723	-5.515	L0.01 186+84.58 R146.32
10144	319498.172	3404315.224	-3.560	R0.34 186+84.58 R163.77
10145	319489.284	3404321.921	-3.347	R0.05 186+84.58 R174.90
10146	319481.404	3404327.858	-3.147	R0.06 186+84.58 R184.77
10147	319470.322	3404336.209	-2.865	L0.04 186+84.58 R198.64
10148	319459.705	3404344.209	-3.938	R0.19 186+84.58 R211.94
10149	319451.288	3404350.551	-4.306	R0.03 186+84.58 R222.48
10150	319443.061	3404356.750	-3.167	R0.17 186+84.58 R232.78

10151	319431.852	3404365.195	-3.063	R0.11 186+84.58 R246.81
10152	319422.827	3404371.996	-2.873	L0.05 186+84.58 R258.11
10153	319414.456	3404378.303	-3.148	R0.09 186+84.58 R268.59
10154	319406.675	3404384.166	-2.712	L0.10 186+84.58 R278.33
10155	319397.783	3404390.866	-2.499	R0.05 186+84.58 R289.47
10156	319389.542	3404397.076	-2.355	R0.21 186+84.58 R299.79
10157	319381.272	3404403.307	-2.532	L0.24 186+84.58 R310.14
10158	319372.830	3404409.668	-2.473	R0.00 186+84.58 R320.71
10159	319363.183	3404416.936	-2.526	L0.08 186+84.58 R332.79
10160	319352.989	3404424.618	-2.480	L0.04 186+84.58 R345.55
10161	319344.818	3404430.774	-2.582	R0.05 186+84.58 R355.79
10162	319336.524	3404437.024	-2.454	L0.07 186+84.58 R366.17
10163	319328.407	3404443.140	-2.665	R0.09 186+84.58 R376.33
10164	319320.231	3404449.300	-2.520	R0.01 186+84.58 R386.57
10165	319310.403	3404456.706	-2.491	R0.10 186+84.58 R398.88
10166	319300.615	3404464.081	-2.527	R0.09 186+84.58 R411.13
10167	319292.177	3404470.439	-2.324	R0.04 186+84.58 R421.70
10168	319283.737	3404476.798	-2.577	R0.15 186+84.58 R432.26
10169	319275.280	3404483.170	-2.613	R0.11 186+84.58 R442.85
10170	319267.031	3404489.386	-2.489	L0.07 186+84.58 R453.18
10171	319258.828	3404495.567	-2.476	L0.00 186+84.58 R463.45
10172	319250.502	3404501.841	-2.535	R0.06 186+84.58 R473.88
10173	319244.132	3404506.640	-2.476	R0.00 186+84.58 R481.85
10174	319813.669	3404341.338	-1.546	L0.11 188+77.54 L74.63
10175	319791.617	3404350.805	-2.196	R0.03 188+77.54 L50.63
10176	319777.181	3404357.003	-1.915	R0.01 188+77.54 L34.92
10177	319774.494	3404358.156	0.848	L0.13 188+77.54 L32.00
10178	319765.654	3404361.952	2.045	R0.10 188+77.54 L22.38
10179	319754.894	3404366.571	4.107	L0.02 188+77.54 L10.67
10180	319749.506	3404368.884	5.123	R0.06 188+77.54 L4.81
10181	319742.362	3404371.951	5.176	R0.03 188+77.54 R2.97
10182	319739.005	3404373.392	5.347	L0.07 188+77.54 R6.62
10183	319736.407	3404374.508	5.156	L0.13 188+77.54 R9.45
10184	319729.918	3404377.294	3.901	L0.32 188+77.54 R16.51
10185	319725.999	3404378.976	3.456	L0.18 188+77.54 R20.78
10186	319723.262	3404380.151	1.619	L0.01 188+77.54 R23.76
10187	319720.421	3404381.371	0.622	L0.16 188+77.54 R26.85
10188	319699.073	3404390.536	0.335	R0.24 188+77.54 R50.08
10189	319683.137	3404397.378	0.121	R0.26 188+77.54 R67.42
10190	319674.248	3404401.194	-0.214	R0.11 188+77.54 R77.10
10191	319671.326	3404402.449	-1.708	L0.06 188+77.54 R80.28
10192	319669.346	3404403.298	-3.146	L0.10 188+77.54 R82.43
10193	319666.966	3404404.321	-4.557	R0.03 188+77.54 R85.02
10194	319660.920	3404406.916	-6.568	R0.14 188+77.54 R91.60
10195	319651.599	3404410.918	-6.746	L0.12 188+77.54 R101.74
10196	319642.006	3404415.036	-5.932	L0.04 188+77.54 R112.18
10197	319631.201	3404419.675	-6.536	L0.22 188+77.54 R123.94
10198	319624.140	3404422.706	-6.458	R0.10 188+77.54 R131.63
10199	319608.829	3404429.280	-5.690	R0.03 188+77.54 R148.29
10200	319594.958	3404435.235	-4.887	R0.01 188+77.54 R163.38
10201	319583.374	3404440.208	-3.394	R0.02 188+77.54 R175.99

10202	319572.741	3404444.773	-3.322	L0.00 188+77.54 R187.56
10203	319562.010	3404449.380	-3.460	R0.10 188+77.54 R199.24
10204	319551.022	3404454.097	-3.490	L0.14 188+77.54 R211.20
10205	319539.748	3404458.938	-2.926	R0.10 188+77.54 R223.47
10206	319529.358	3404463.398	-3.395	L0.05 188+77.54 R234.77
10207	319519.123	3404467.792	-3.402	R0.08 188+77.54 R245.91
10208	319507.190	3404472.915	-3.924	R0.02 188+77.54 R258.90
10209	319495.633	3404477.877	-4.377	R0.01 188+77.54 R271.48
10210	319483.783	3404482.965	-5.158	L0.03 188+77.54 R284.37
10211	319472.245	3404487.918	-4.985	L0.04 188+77.54 R296.93
10212	319440.696	3404501.463	-2.502	R0.00 188+77.54 R331.26
10213	319430.619	3404505.789	-2.672	R0.00 188+77.54 R342.23
10214	319420.542	3404510.115	-2.630	L0.36 188+77.54 R353.19
10215	319410.428	3404514.457	-2.545	L0.15 188+77.54 R364.20
10216	319400.717	3404518.626	-2.637	R0.01 188+77.54 R374.77
10217	319390.569	3404522.983	-2.598	L0.21 188+77.54 R385.81
10218	319381.313	3404526.957	-2.526	L0.29 188+77.54 R395.89
10219	319370.737	3404531.498	-2.552	L0.18 188+77.54 R407.40
10220	319360.929	3404535.708	-2.566	L0.16 188+77.54 R418.07
10221	319349.711	3404540.524	-2.572	L0.40 188+77.54 R430.28
10222	319338.479	3404545.347	-2.661	L0.01 188+77.54 R442.50
10223	319328.491	3404549.634	-2.619	R0.08 188+77.54 R453.37
10224	319318.587	3404553.886	-2.550	L0.02 188+77.54 R464.15
10225	319308.560	3404558.191	-2.711	L0.02 188+77.54 R475.06
10226	319298.875	3404562.349	-2.593	L0.07 188+77.54 R485.60
10227	319885.801	3404446.514	-1.890	L0.10 190+08.34 L99.59
10228	319864.541	3404457.120	-1.466	R0.06 190+08.34 L75.83
10229	319846.505	3404466.118	-0.498	R0.17 190+08.34 L55.67
10230	319833.508	3404472.602	-1.923	L0.08 190+08.34 L41.15
10231	319828.176	3404475.262	-1.927	L0.02 190+08.34 L35.19
10232	319825.992	3404476.352	0.513	R0.03 190+08.34 L32.75
10233	319813.275	3404482.696	2.881	R0.05 190+08.34 L18.53
10234	319802.567	3404488.038	5.057	R0.04 190+08.34 L6.57
10235	319796.073	3404491.277	5.173	L0.00 190+08.34 R0.69
10236	319790.168	3404494.223	5.098	R0.03 190+08.34 R7.29
10237	319786.500	3404496.054	4.129	R0.06 190+08.34 R11.39
10238	319780.094	3404499.249	3.060	R0.01 190+08.34 R18.55
10239	319778.241	3404500.174	1.295	R0.01 190+08.34 R20.62
10240	319757.514	3404510.514	0.218	R0.06 190+08.34 R43.78
10241	319742.618	3404517.945	0.016	L0.03 190+08.34 R60.43
10242	319735.385	3404521.554	0.600	L0.00 190+08.34 R68.51
10243	319734.798	3404521.846	-0.207	R0.02 190+08.34 R69.17
10244	319730.338	3404524.072	-0.830	R0.00 190+08.34 R74.15
10245	319724.049	3404527.209	-5.334	L0.08 190+08.34 R81.18
10246	319717.163	3404530.644	-6.410	L0.01 190+08.34 R88.87
10247	319708.951	3404534.741	-6.463	L0.13 190+08.34 R98.05
10248	319700.305	3404539.054	-6.614	R0.16 190+08.34 R107.71
10249	319686.555	3404545.914	-6.781	L0.16 190+08.34 R123.08
10250	319676.948	3404550.707	-6.414	L0.19 190+08.34 R133.82
10251	319668.261	3404555.041	-4.557	R0.05 190+08.34 R143.52
10252	319658.514	3404559.903	-4.033	R0.00 190+08.34 R154.42

10253	319648.890	3404564.705	-4.344	L0.17 190+08.34 R165.17
10254	319639.877	3404569.201	-4.207	L0.26 190+08.34 R175.24
10255	319628.159	3404575.047	-3.859	L0.01 190+08.34 R188.34
10256	319617.709	3404580.260	-3.781	R0.51 190+08.34 R200.02
10257	319607.433	3404585.387	-3.761	R0.21 190+08.34 R211.50
10258	319595.890	3404591.145	-3.519	L0.08 190+08.34 R224.40
10259	319585.414	3404596.372	-3.175	R0.02 190+08.34 R236.11
10260	319558.297	3404609.900	-3.211	L0.05 190+08.34 R266.41
10261	319547.932	3404615.071	-2.769	R0.02 190+08.34 R278.00
10262	319537.526	3404620.262	-2.769	R0.04 190+08.34 R289.63
10263	319527.393	3404625.318	-2.746	R0.01 190+08.34 R300.95
10264	319517.186	3404630.409	-2.763	L0.02 190+08.34 R312.36
10265	319508.213	3404634.886	-2.766	R0.05 190+08.34 R322.38
10266	319498.205	3404639.879	-2.648	R0.05 190+08.34 R333.57
10267	319483.697	3404647.116	-2.852	R0.02 190+08.34 R349.78
10268	319474.414	3404651.748	-2.636	R0.06 190+08.34 R360.16
10269	319461.765	3404658.058	-2.511	R0.04 190+08.34 R374.29
10270	319451.726	3404663.066	-2.364	R0.06 190+08.34 R385.51
10271	319441.245	3404668.295	-2.669	R0.00 190+08.34 R397.22
10272	319431.166	3404673.324	-2.827	L0.06 190+08.34 R408.49
10273	319422.047	3404677.873	-2.755	L0.01 190+08.34 R418.68
10274	319409.869	3404683.948	-2.670	R0.05 190+08.34 R432.29
10275	319400.673	3404688.536	-2.608	L0.07 190+08.34 R442.56
10276	319392.142	3404692.792	-2.661	R0.02 190+08.34 R452.10
10277	319383.234	3404697.236	-2.674	L0.21 190+08.34 R462.05
10278	319375.676	3404701.007	-2.674	L0.03 190+08.34 R470.50
10279	319967.860	3404623.561	-3.059	R0.09 192+13.42 L94.51
10280	319952.892	3404633.133	-2.615	L0.88 192+13.42 L76.74
10281	319939.461	3404641.723	-1.220	R0.09 192+13.42 L60.80
10282	319927.592	3404649.314	-2.672	L0.15 192+13.42 L46.71
10283	319917.941	3404655.486	-2.089	L0.06 192+13.42 L35.26
10284	319915.919	3404656.779	-1.569	L0.10 192+13.42 L32.86
10285	319913.348	3404658.423	1.460	R1.56 192+13.42 L29.80
10286	319904.904	3404663.823	2.702	R0.26 192+13.42 L19.78
10287	319893.225	3404671.292	4.908	L0.14 192+13.42 L5.92
10288	319888.438	3404674.353	5.385	L4.11 192+13.42 L0.24
10289	319886.665	3404675.487	5.314	R0.32 192+13.42 R1.87
10290	319882.548	3404678.120	5.342	R0.33 192+13.42 R6.76
10291	319874.314	3404683.386	3.199	L0.10 192+13.42 R16.53
10292	319872.075	3404684.818	1.753	L0.00 192+13.42 R19.19
10293	319866.824	3404688.176	0.937	L0.07 192+13.42 R25.42
10294	319842.490	3404703.738	0.183	L0.07 192+13.42 R54.31
10295	319835.881	3404707.965	0.344	L0.00 192+13.42 R62.15
10296	319828.335	3404712.791	-0.894	L0.17 192+13.42 R71.11
10297	319826.583	3404713.911	-1.079	L0.25 192+13.42 R73.19
10298	319825.171	3404714.814	-2.871	L0.06 192+13.42 R74.86
10299	319824.276	3404715.387	-3.793	L0.04 192+13.42 R75.93
10300	319823.317	3404716.000	-6.123	L0.07 192+13.42 R77.06
10301	319816.362	3404720.448	-5.942	L0.21 192+13.42 R85.32
10302	319804.063	3404728.313	-7.366	R0.01 192+13.42 R99.92
10303	319791.585	3404736.293	-6.199	R0.00 192+13.42 R114.73

10304	319778.668	3404744.554	-5.038	L0.36 192+13.42 R130.06
10305	319765.778	3404752.798	-4.014	L0.58 192+13.42 R145.36
10306	319752.226	3404761.464	-3.896	L0.65 192+13.42 R161.45
10307	319725.731	3404778.409	-4.120	L0.81 192+13.42 R192.90
10308	319712.095	3404787.129	-3.494	L0.86 192+13.42 R209.09
10309	319699.041	3404795.477	-2.930	L0.36 192+13.42 R224.58
10310	319686.279	3404803.639	-2.746	L0.40 192+13.42 R239.73
10311	319673.001	3404812.131	-2.740	L0.47 192+13.42 R255.49
10312	319660.276	3404820.268	-2.760	L0.40 192+13.42 R270.60
10313	319647.132	3404828.675	-2.596	L0.32 192+13.42 R286.20
10314	319629.413	3404840.006	-2.383	L0.20 192+13.42 R307.23
10315	319616.916	3404847.998	-2.164	L0.70 192+13.42 R322.06
10316	319603.818	3404856.374	-2.686	L0.08 192+13.42 R337.61
10317	319590.380	3404864.969	-2.716	L0.64 192+13.42 R353.56
10318	319564.944	3404881.235	-2.772	L0.17 192+13.42 R383.76
10319	319551.475	3404889.849	-2.759	L0.17 192+13.42 R399.74
10320	319538.677	3404898.034	-2.737	L0.09 192+13.42 R414.93
10321	319525.805	3404906.266	-2.766	R0.03 192+13.42 R430.21
10322	319513.443	3404914.172	-2.288	L0.07 192+13.42 R444.89
10323	319499.016	3404923.398	-2.505	L0.34 192+13.42 R462.01
10324	319486.972	3404931.101	-2.715	L0.11 192+13.42 R476.31
10325	319475.347	3404938.535	-2.889	R0.25 192+13.42 R490.11
10326	319467.121	3404943.796	-2.774	R0.03 192+13.42 R499.87
10327	320086.257	3404834.055	-1.683	L0.65 194+91.70 L88.98
10328	320078.871	3404845.553	-1.419	R0.06 194+91.70 L75.31
10329	320067.887	3404862.655	-1.136	R0.24 194+91.70 L54.99
10330	320062.395	3404871.205	-2.438	R0.10 194+91.70 L44.83
10331	320059.338	3404875.964	-1.054	L0.08 194+91.70 L39.17
10332	320056.487	3404880.402	1.435	R0.07 194+91.70 L33.89
10333	320048.847	3404892.297	3.613	L0.44 194+91.70 L19.76
10334	320042.642	3404901.956	5.176	L0.04 194+91.70 L8.28
10335	320036.991	3404910.754	5.214	L0.19 194+91.70 R2.18
10336	320033.519	3404916.160	5.114	L0.71 194+91.70 R8.61
10337	320029.115	3404923.016	3.104	L0.30 194+91.70 R16.75
10338	320027.982	3404924.781	1.555	R0.15 194+91.70 R18.85
10339	320023.002	3404932.534	0.784	R0.12 194+91.70 R28.07
10340	320009.603	3404953.395	0.257	R0.05 194+91.70 R52.86
10341	320006.427	3404958.338	-0.091	R0.02 194+91.70 R58.74
10342	320003.489	3404962.912	-1.078	L0.07 194+91.70 R64.17
10343	320001.171	3404966.521	-2.370	R0.08 194+91.70 R68.46
10344	319999.598	3404968.970	-2.540	R0.06 194+91.70 R71.37
10345	319998.538	3404970.621	-1.156	R0.16 194+91.70 R73.33
10346	319993.483	3404978.491	-4.909	R0.15 194+91.70 R82.69
10347	319990.081	3404983.787	-6.917	L0.04 194+91.70 R88.98
10348	319986.679	3404989.084	-5.559	L0.14 194+91.70 R95.28
10349	319983.149	3404994.579	-5.418	L0.25 194+91.70 R101.81
10350	319973.901	3405008.977	-6.438	L0.06 194+91.70 R118.92
10351	319966.164	3405021.023	-7.347	L0.12 194+91.70 R133.24
10352	319959.053	3405032.094	-5.884	L0.23 194+91.70 R146.40
10353	319951.919	3405043.200	-5.861	L0.24 194+91.70 R159.59
10354	319945.541	3405053.131	-4.762	L0.10 194+91.70 R171.40

10355	319939.279	3405062.879	-5.675	R1.52 194+91.70 R182.98
10356	319938.540	3405064.030	-5.570	L0.26 194+91.70 R184.35
10357	319931.475	3405075.029	-5.806	L0.19 194+91.70 R197.42
10358	319922.850	3405088.456	-2.411	L0.01 194+91.70 R213.38
10359	319915.914	3405099.255	-3.208	L0.13 194+91.70 R226.22
10360	319908.929	3405110.129	-3.241	L0.18 194+91.70 R239.14
10361	319901.920	3405121.042	-2.687	R0.02 194+91.70 R252.11
10362	319894.586	3405132.461	-3.179	L0.26 194+91.70 R265.68
10363	319887.573	3405143.378	-3.022	L0.01 194+91.70 R278.66
10364	319880.206	3405154.847	-2.996	L0.07 194+91.70 R292.29
10365	319872.979	3405166.099	-2.874	L0.06 194+91.70 R305.66
10366	319865.606	3405177.577	-2.753	R0.15 194+91.70 R319.30
10367	319858.051	3405189.339	-2.429	R0.48 194+91.70 R333.28
10368	319849.486	3405202.674	-2.419	L0.01 194+91.70 R349.13
10369	319841.095	3405215.738	-2.849	L0.11 194+91.70 R364.66
10370	319832.650	3405228.886	-3.030	R0.14 194+91.70 R380.29
10371	319815.422	3405255.707	-2.922	L0.41 194+91.70 R412.16
10372	319815.033	3405256.313	-2.850	L4.30 194+91.70 R412.88
10373	319807.452	3405268.115	-2.709	R1.84 194+91.70 R426.91
10374	319806.716	3405269.261	-2.925	L0.10 194+91.70 R428.27
10375	319797.812	3405283.124	-2.945	L0.18 194+91.70 R444.75
10376	319788.942	3405296.934	-3.152	R0.23 194+91.70 R461.16
10377	319780.763	3405309.667	-2.998	L0.22 194+91.70 R476.30
10378	319772.676	3405322.257	-3.231	L0.27 194+91.70 R491.26
10379	320142.334	3404924.934	1.663	R0.16 195+88.00 L42.82
10380	320136.529	3404933.972	3.029	R0.13 195+88.00 L32.08
10381	320132.549	3404940.167	4.178	R0.30 195+88.00 L24.72
10382	320124.162	3404953.225	7.163	R0.37 195+88.00 L9.20
10383	320119.422	3404960.605	7.233	R0.21 195+88.00 L0.42
10384	320112.181	3404971.878	7.025	L0.06 195+88.00 R12.97
10385	320106.114	3404981.324	5.493	L0.07 195+88.00 R24.20
10386	320097.570	3404994.626	3.307	L0.50 195+88.00 R40.01
10387	320093.595	3405000.813	0.906	L0.05 195+88.00 R47.36
10388	320091.388	3405004.250	0.120	L0.10 195+88.00 R51.45
10389	320078.839	3405023.787	-3.566	R0.15 195+88.00 R74.67
10390	320076.962	3405026.710	-4.356	R0.12 195+88.00 R78.14
10391	320073.026	3405032.837	-4.753	L3.25 195+88.00 R85.42
10392	320070.515	3405036.747	-4.927	R0.15 195+88.00 R90.07
10393	320066.747	3405042.613	-5.249	R2.22 195+88.00 R97.04
10394	320064.847	3405045.570	-5.400	R0.20 195+88.00 R100.56
10395	320051.811	3405065.866	-4.705	R0.10 195+88.00 R124.68
10396	320047.906	3405071.946	-3.684	R1.21 195+88.00 R131.91
10397	320044.694	3405076.946	-3.383	R0.15 195+88.00 R137.85
10398	320041.245	3405082.316	-3.927	L2.82 195+88.00 R144.23
10399	320036.927	3405089.038	-4.042	R0.01 195+88.00 R152.22
10400	320030.987	3405098.286	-6.372	L0.02 195+88.00 R163.21
10401	320025.193	3405107.306	-6.493	L0.02 195+88.00 R173.93
10402	320024.511	3405108.368	-6.447	R0.35 195+88.00 R175.19
10403	320021.274	3405113.408	-5.949	L4.83 195+88.00 R181.18
10404	320018.520	3405117.696	-6.061	R0.13 195+88.00 R186.28
10405	320015.233	3405122.813	-6.172	R3.91 195+88.00 R192.36

10406	320011.887	3405128.022	-4.532	R0.21 195+88.00 R198.55
10407	320005.414	3405138.100	-4.732	R0.02 195+88.00 R210.53
10408	320000.092	3405146.385	-4.657	R0.06 195+88.00 R220.38
10409	319993.895	3405156.033	-4.890	R0.09 195+88.00 R231.85
10410	319989.111	3405163.481	-4.201	R0.36 195+88.00 R240.70
10411	319983.323	3405172.492	-3.457	R0.29 195+88.00 R251.41
10412	319981.100	3405175.953	-4.460	R1.06 195+88.00 R255.52
10413	319978.425	3405180.118	-4.585	R4.74 195+88.00 R260.47
10414	320194.775	3404979.203	1.054	R0.00 196+38.48 L38.64
10415	320189.373	3404980.945	1.911	L0.04 196+38.48 L32.96
10416	320184.850	3404982.404	2.987	L0.02 196+38.48 L28.21
10417	320172.747	3404986.307	4.921	R0.05 196+38.48 L15.49
10418	320163.284	3404989.359	7.319	R0.17 196+38.48 L5.55
10419	320157.810	3404991.124	7.320	1001 R0.16 196+38.48 R0.20
10420	320151.532	3404993.149	7.191	L0.05 196+38.48 R6.80
10421	320137.880	3404997.551	5.003	L0.13 196+38.48 R21.14
10422	320124.396	3405001.900	3.660	L0.08 196+38.48 R35.31
10423	320110.577	3405006.356	2.806	L0.03 196+38.48 R49.83
10424	320104.887	3405008.191	0.896	R0.11 196+38.48 R55.81
10425	320102.237	3405009.046	-0.223	L0.13 196+38.48 R58.59
10426	320062.770	3405021.773	-6.318	R0.01 196+38.48 R100.06
10427	320053.235	3405024.848	-4.905	R0.04 196+38.48 R110.08
10428	320042.130	3405028.429	-5.305	R0.12 196+38.48 R121.75
10429	320029.849	3405032.390	-4.849	L0.03 196+38.48 R134.65
10430	320017.737	3405036.296	-5.502	L0.07 196+38.48 R147.38
10431	320005.728	3405040.169	-5.621	R0.09 196+38.48 R160.00
10432	319992.800	3405044.337	-5.480	L0.05 196+38.48 R173.58
10433	319979.623	3405048.587	-6.100	L0.09 196+38.48 R187.43
10434	319965.785	3405053.049	-5.064	L0.03 196+38.48 R201.97
10435	319952.690	3405057.272	-5.304	R0.00 196+38.48 R215.73
10436	319938.058	3405061.991	-5.570	L2.29 196+38.48 R231.10
10437	319937.986	3405062.014	-5.675	L0.05 196+38.48 R231.18
10438	319922.788	3405066.916	-7.191	L0.15 196+38.48 R247.14
10439	319907.329	3405071.901	-6.975	R0.20 196+38.48 R263.39
10440	319892.803	3405076.585	-7.930	R0.14 196+38.48 R278.65
10441	319878.316	3405081.257	-6.332	L0.04 196+38.48 R293.87
10442	319861.855	3405086.566	-6.359	L0.03 196+38.48 R311.17
10443	319847.278	3405091.266	-6.494	R0.16 196+38.48 R326.48
10444	319831.877	3405096.233	-2.265	L0.30 196+38.48 R342.67
10445	319816.818	3405101.089	-1.737	R0.02 196+38.48 R358.49
10446	319799.871	3405106.554	-2.190	L0.10 196+38.48 R376.29
10447	319785.079	3405111.325	-2.296	R0.05 196+38.48 R391.84
10448	319771.341	3405115.755	-2.575	L0.32 196+38.48 R406.27
10449	319757.982	3405120.063	-2.358	L0.03 196+38.48 R420.31
10450	319730.179	3405129.029	-2.805	L0.16 196+38.48 R449.52
10451	319715.537	3405133.751	-2.684	L0.27 196+38.48 R464.91
10452	319701.949	3405138.133	-2.533	R0.33 196+38.48 R479.18
10453	319688.692	3405142.408	-2.675	R0.12 196+38.48 R493.11
10454	320200.223	3405021.577	1.178	1001 R0.00 196+80.48 L30.82
10455	320193.691	3405023.683	0.934	1001 L0.00 196+80.48 L23.95
10456	320187.758	3405025.596	0.462	1001 R0.00 196+80.48 L17.72

10457	320179.274	3405028.332	0.181	1001 L0.00 196+80.48 L8.81
10458	320174.141	3405029.987	0.623	1001 R0.00 196+80.48 L3.41
10459	320166.346	3405032.501	0.784	1001 L0.00 196+80.48 R4.78
10460	320157.242	3405035.437	0.482	1001 L0.00 196+80.48 R14.34
10461	320144.423	3405039.571	-0.281	1001 L0.00 196+80.48 R27.81
10462	320134.960	3405042.623	-3.141	R2.31 196+80.48 R37.76
10463	320132.784	3405043.325	-3.630	R1.88 196+80.48 R40.04
10464	320125.134	3405045.792	-5.333	R1.27 196+80.48 R48.08
10465	320121.813	3405046.863	-4.729	L4.13 196+80.48 R51.57
10466	320114.864	3405049.103	-5.212	L0.05 196+80.48 R58.87
10467	320102.537	3405053.079	-4.254	L0.13 196+80.48 R71.82
10468	320090.427	3405056.984	-4.527	L0.20 196+80.48 R84.55
10469	320076.486	3405061.480	-5.085	R0.01 196+80.48 R99.20
10470	320052.791	3405069.121	-4.705	R3.48 196+80.48 R124.09
10471	320046.809	3405071.050	-3.684	L0.25 196+80.48 R130.38
10472	320043.082	3405072.252	-3.383	L4.85 196+80.48 R134.29
10473	320034.854	3405074.906	-3.156	L0.20 196+80.48 R142.94
10474	320021.535	3405079.201	-6.280	L0.47 196+80.48 R156.93
10475	320007.517	3405083.721	-6.146	L0.03 196+80.48 R171.66
10476	319994.624	3405087.879	-4.906	L0.16 196+80.48 R185.21
10477	319978.264	3405093.155	-4.703	L0.37 196+80.48 R202.40
10478	319969.483	3405095.987	-4.447	R2.22 196+80.48 R211.63
10479	319965.165	3405097.379	-4.142	L0.39 196+80.48 R216.16
10480	319956.237	3405100.259	-3.873	L0.32 196+80.48 R225.54
10481	319943.137	3405104.483	-2.886	L1.83 196+80.48 R239.31
10482	319931.207	3405108.330	-3.267	L3.32 196+80.48 R251.84
10483	319910.611	3405114.972	-3.241	R4.99 196+80.48 R273.48
10484	319900.954	3405118.086	-2.687	L3.10 196+80.48 R283.63
10485	320208.520	3405042.952	0.280	1001 L0.00 197+03.37 L32.15
10486	320203.381	3405044.609	-0.194	1001 L0.00 197+03.37 L26.75
10487	320195.746	3405047.071	-0.035	1001 L0.00 197+03.37 L18.73
10488	320183.107	3405051.147	-0.287	1001 L0.00 197+03.37 L5.45
10489	320178.897	3405052.505	-0.031	1001 L0.00 197+03.37 L1.03
10490	320174.167	3405054.030	0.782	1001 L0.00 197+03.37 R3.94
10491	320168.521	3405055.851	0.597	1001 L0.00 197+03.37 R9.88
10492	320162.030	3405057.944	-0.107	1001 L0.00 197+03.37 R16.70
10493	320155.419	3405060.076	-2.504	R0.67 197+03.37 R23.64
10494	320146.456	3405062.966	-3.718	R1.06 197+03.37 R33.06
10495	320135.057	3405066.642	-4.358	R1.84 197+03.37 R45.04
10496	320123.422	3405070.394	-4.322	R2.14 197+03.37 R57.26
10497	320111.688	3405074.178	-4.270	R1.76 197+03.37 R69.59
10498	320099.757	3405078.026	-4.667	R1.33 197+03.37 R82.13
10499	320087.451	3405081.995	-4.248	R0.32 197+03.37 R95.06
10500	320075.214	3405085.941	-4.648	L0.80 197+03.37 R107.91
10501	320062.605	3405090.007	-4.563	L1.74 197+03.37 R121.16
10502	320049.297	3405094.299	-5.144	L2.82 197+03.37 R135.15
10503	320035.730	3405098.674	-5.807	L4.29 197+03.37 R149.40
10504	320031.559	3405100.019	-6.372	R1.81 197+03.37 R153.78
10505	320023.674	3405102.562	-6.493	L4.99 197+03.37 R162.07
10506	319958.686	3405123.519	-3.096	R3.98 197+03.37 R230.35
10507	319944.324	3405128.151	-3.135	R2.25 197+03.37 R245.44

10508	319931.649	3405132.239	-3.333	R1.13 197+03.37 R258.76
10509	319916.827	3405137.019	-3.061	R1.04 197+03.37 R274.33
10510	319908.952	3405139.558	-2.631	R2.09 197+03.37 R282.61
10511	319888.478	3405146.161	-3.022	R2.92 197+03.37 R304.12
10512	320227.531	3405078.414	0.639	L0.10 197+45.37 L39.07
10513	320222.211	3405080.498	2.265	L0.12 197+45.37 L33.36
10514	320207.420	3405086.295	4.736	R0.23 197+45.37 L17.47
10515	320198.311	3405089.865	6.781	R0.08 197+45.37 L7.69
10516	320184.343	3405095.339	6.582	R0.05 197+45.37 R7.31
10517	320180.444	3405096.867	5.814	R0.08 197+45.37 R11.50
10518	320169.291	3405101.238	4.298	R0.15 197+45.37 R23.48
10519	320161.758	3405104.191	2.391	R0.05 197+45.37 R31.57
10520	320158.037	3405105.649	2.467	L0.04 197+45.37 R35.57
10521	320151.218	3405108.321	1.378	L0.02 197+45.37 R42.89
10522	320147.321	3405109.848	0.887	R0.13 197+45.37 R47.08
10523	320128.424	3405117.254	-3.578	L0.10 197+45.37 R67.37
10524	320125.432	3405118.427	-3.991	L0.00 197+45.37 R70.59
10525	320116.346	3405121.988	-4.985	L0.00 197+45.37 R80.35
10526	320106.210	3405125.960	-4.477	L0.01 197+45.37 R91.23
10527	320095.831	3405130.028	-4.792	R0.06 197+45.37 R102.38
10528	320085.716	3405133.992	-3.700	L0.09 197+45.37 R113.24
10529	320075.053	3405138.171	-4.432	L0.07 197+45.37 R124.70
10530	320065.260	3405142.009	-3.927	L0.16 197+45.37 R135.22
10531	320055.131	3405145.978	-3.553	L0.04 197+45.37 R146.09
10532	320043.535	3405150.523	-3.488	R0.04 197+45.37 R158.55
10533	320031.598	3405155.201	-3.675	R0.01 197+45.37 R171.37
10534	320019.821	3405159.817	-3.600	L0.09 197+45.37 R184.02
10535	320017.775	3405160.618	-3.341	R3.63 197+45.37 R186.22
10536	320007.547	3405164.627	-3.485	L0.06 197+45.37 R197.20
10537	320002.918	3405166.441	-4.033	R1.02 197+45.37 R202.17
10538	319994.575	3405169.710	-4.831	L0.08 197+45.37 R211.13
10539	319988.152	3405172.228	-5.726	L0.10 197+45.37 R218.03
10540	319983.715	3405173.967	-3.457	R1.75 197+45.37 R222.80
10541	319980.195	3405175.346	-4.460	L0.04 197+45.37 R226.58
10542	319974.453	3405177.596	-4.585	R0.04 197+45.37 R232.75
10543	319967.495	3405180.323	-3.657	R0.13 197+45.37 R240.22
10544	319962.208	3405182.395	-2.404	L3.15 197+45.37 R245.90
10545	319954.533	3405185.403	-2.870	L3.30 197+45.37 R254.14
10546	319941.601	3405190.471	-2.847	L1.63 197+45.37 R268.03
10547	319939.586	3405191.261	-2.699	R0.73 197+45.37 R270.20
10548	319929.791	3405195.100	-3.221	R2.82 197+45.37 R280.72
10549	319923.708	3405197.484	-3.208	R2.24 197+45.37 R287.25
10550	319834.029	3405232.630	-3.030	R4.10 197+45.37 R383.57
10551	320247.179	3405124.018	0.805	L0.16 197+95.00 L40.73
10552	320243.106	3405125.615	2.369	L0.03 197+95.00 L36.35
10553	320224.875	3405132.760	5.548	L0.01 197+95.00 L16.77
10554	320214.706	3405136.745	7.423	R0.02 197+95.00 L5.85
10555	320209.287	3405138.869	7.269	R0.08 197+95.00 L0.03
10556	320203.936	3405140.966	7.338	R0.09 197+95.00 R5.72
10557	320193.048	3405145.233	5.836	R0.03 197+95.00 R17.41
10558	320176.513	3405151.713	3.064	R0.08 197+95.00 R35.17

10559	320163.571	3405156.785	2.213	L0.04 197+95.00 R49.07
10560	320154.654	3405160.280	0.785	R0.05 197+95.00 R58.65
10561	320139.215	3405166.330	-4.572	L0.07 197+95.00 R75.23
10562	320135.242	3405167.888	-5.730	R0.08 197+95.00 R79.50
10563	320131.441	3405169.377	-6.406	R0.04 197+95.00 R83.58
10564	320123.427	3405172.518	-4.634	R0.01 197+95.00 R92.19
10565	320113.554	3405176.387	-5.661	L0.20 197+95.00 R102.80
10566	320103.982	3405180.139	-5.589	L0.03 197+95.00 R113.08
10567	320100.275	3405181.591	-5.629	R0.03 197+95.00 R117.06
10568	320094.790	3405183.741	-5.514	L0.33 197+95.00 R122.95
10569	320091.279	3405185.117	-4.569	L0.18 197+95.00 R126.72
10570	320079.435	3405189.759	-3.713	R0.15 197+95.00 R139.44
10571	320067.461	3405194.451	-3.271	L0.06 197+95.00 R152.30
10572	320055.102	3405199.295	-3.399	L0.06 197+95.00 R165.58
10573	320043.314	3405203.915	-3.757	R0.27 197+95.00 R178.24
10574	320029.710	3405209.246	-3.531	R0.09 197+95.00 R192.85
10575	320016.339	3405214.486	-2.744	L0.02 197+95.00 R207.21
10576	320006.250	3405218.440	-2.960	R0.14 197+95.00 R218.05
10577	319995.720	3405222.567	-3.269	R0.02 197+95.00 R229.36
10578	319981.871	3405227.995	-4.595	L0.02 197+95.00 R244.23
10579	319972.596	3405231.630	-5.258	L0.07 197+95.00 R254.19
10580	319779.910	3405307.144	-2.998	L2.84 197+95.00 R461.15
10581	320326.901	3405187.949	-2.015	R0.17 198+95.28 L92.36
10582	320306.318	3405199.197	-1.906	R0.15 198+95.28 L68.91
10583	320289.775	3405208.237	-0.523	R0.01 198+95.28 L50.06
10584	320280.560	3405213.273	-0.504	R0.17 198+95.28 L39.55
10585	320273.587	3405217.083	1.850	R0.14 198+95.28 L31.61
10586	320264.014	3405222.314	3.375	R0.26 198+95.28 L20.70
10587	320254.756	3405227.373	5.949	R0.88 198+95.28 L10.15
10588	320249.451	3405230.272	6.181	R0.74 198+95.28 L4.10
10589	320242.122	3405234.278	5.858	R1.22 198+95.28 R4.25
10590	320238.598	3405236.203	5.151	R0.49 198+95.28 R8.26
10591	320225.892	3405243.147	2.233	L0.03 198+95.28 R22.74
10592	320223.887	3405244.242	1.498	L0.04 198+95.28 R25.03
10593	320221.868	3405245.345	0.881	L0.16 198+95.28 R27.33
10594	320204.314	3405254.938	0.173	L0.17 198+95.28 R47.33
10595	320190.072	3405262.721	0.163	L0.17 198+95.28 R63.56
10596	320183.613	3405266.250	-0.364	L0.10 198+95.28 R70.92
10597	320178.494	3405269.048	-1.110	L0.15 198+95.28 R76.76
10598	320170.706	3405273.303	-5.280	R0.30 198+95.28 R85.63
10599	320161.846	3405278.145	-5.244	L0.07 198+95.28 R95.73
10600	320145.535	3405287.058	-4.992	R0.11 198+95.28 R114.32
10601	320130.989	3405295.007	-4.933	L0.04 198+95.28 R130.89
10602	320116.053	3405303.169	-3.670	R0.12 198+95.28 R147.91
10603	320101.260	3405311.253	-4.327	L0.24 198+95.28 R164.77
10604	320087.124	3405318.977	-4.038	L0.41 198+95.28 R180.88
10605	320068.685	3405329.054	-2.795	L0.35 198+95.28 R201.89
10606	320054.239	3405336.948	-3.042	L0.09 198+95.28 R218.35
10607	320039.775	3405344.852	-3.124	L0.19 198+95.28 R234.84
10608	320022.949	3405354.047	-2.606	L0.12 198+95.28 R254.01
10609	320009.922	3405361.166	-2.813	L0.10 198+95.28 R268.86

10610	319995.390	3405369.107	-2.892	R0.06 198+95.28 R285.42
10611	319981.020	3405376.959	-2.748	L0.20 198+95.28 R301.79
10612	319967.356	3405384.427	-2.640	L0.06 198+95.28 R317.36
10613	319953.936	3405391.760	-2.716	L0.01 198+95.28 R332.66
10614	319938.871	3405399.992	-2.798	L0.15 198+95.28 R349.82
10615	319925.760	3405407.157	-2.749	R0.30 198+95.28 R364.77
10616	319912.125	3405414.608	-2.753	L0.56 198+95.28 R380.30
10617	319898.362	3405422.129	-2.809	L0.34 198+95.28 R395.99
10618	319885.053	3405429.402	-2.957	L0.42 198+95.28 R411.15
10619	319873.042	3405435.965	-2.904	L0.08 198+95.28 R424.84
10620	319857.432	3405444.496	-2.938	L0.05 198+95.28 R442.63
10621	319844.272	3405451.687	-2.951	L0.39 198+95.28 R457.63
10622	319832.076	3405458.351	-2.892	L0.07 198+95.28 R471.52
10623	319818.011	3405466.038	-2.984	L0.49 198+95.28 R487.55
10624	319807.689	3405471.678	-3.054	L0.01 198+95.28 R499.32
10625	320358.215	3405290.179	-1.626	R0.21 200+00.00 L70.82
10626	320347.806	3405295.867	-0.236	R0.33 200+00.00 L58.96
10627	320331.075	3405305.009	-0.950	R0.09 200+00.00 L39.89
10628	320323.445	3405309.179	1.288	R0.16 200+00.00 L31.20
10629	320323.007	3405309.419	0.099	L0.23 200+00.00 L30.70
10630	320313.500	3405314.613	3.021	L0.05 200+00.00 L19.86
10631	320300.093	3405321.940	5.740	L0.51 200+00.00 L4.59
10632	320296.093	3405324.126	5.886	L0.53 200+00.00 L0.03
10633	320289.436	3405327.764	5.663	L0.11 200+00.00 R7.56
10634	320282.927	3405331.320	3.993	L0.17 200+00.00 R14.98
10635	320275.299	3405335.489	2.379	L0.23 200+00.00 R23.67
10636	320272.490	3405337.024	1.188	L0.34 200+00.00 R26.87
10637	320259.060	3405344.363	0.361	L0.25 200+00.00 R42.18
10638	320242.945	3405353.169	0.036	L0.16 200+00.00 R60.54
10639	320234.312	3405357.887	-0.222	L0.20 200+00.00 R70.38
10640	320232.312	3405358.980	-0.784	L0.16 200+00.00 R72.66
10641	320230.912	3405359.745	-2.550	L0.08 200+00.00 R74.25
10642	320227.992	3405361.340	-6.430	L0.10 200+00.00 R77.58
10643	320222.490	3405364.347	-6.568	L0.11 200+00.00 R83.85
10644	320203.548	3405374.698	-6.132	L0.20 200+00.00 R105.43
10645	320191.306	3405381.388	-4.404	L0.39 200+00.00 R119.39
10646	320179.401	3405387.894	-3.387	L0.49 200+00.00 R132.95
10647	320165.276	3405395.612	-3.443	L0.06 200+00.00 R149.05
10648	320152.886	3405402.383	-3.397	L0.15 200+00.00 R163.17
10649	320138.755	3405410.105	-3.266	L0.61 200+00.00 R179.27
10650	320126.365	3405416.876	-3.083	L0.18 200+00.00 R193.39
10651	320114.733	3405423.232	-3.116	R0.01 200+00.00 R206.65
10652	320103.030	3405429.627	-3.234	L0.05 200+00.00 R219.98
10653	320091.385	3405435.991	-2.690	R0.75 200+00.00 R233.25
10654	320079.853	3405442.293	-2.815	R0.05 200+00.00 R246.39
10655	320068.226	3405448.646	-2.743	R0.01 200+00.00 R259.64
10656	320057.147	3405454.701	-2.845	R0.01 200+00.00 R272.27
10657	320045.694	3405460.959	-2.773	R0.06 200+00.00 R285.32
10658	320034.374	3405467.145	-2.760	R0.01 200+00.00 R298.22
10659	320021.150	3405474.372	-2.715	R0.05 200+00.00 R313.29
10660	320010.358	3405480.269	-2.748	R0.16 200+00.00 R325.59

10661	319998.949	3405486.503	-2.699	L0.20 200+00.00 R338.59
10662	319987.562	3405492.726	-2.617	L0.03 200+00.00 R351.57
10663	319977.364	3405498.299	-2.883	L0.07 200+00.00 R363.19
10664	319965.659	3405504.695	-2.831	R0.05 200+00.00 R376.53
10665	319952.032	3405512.142	-2.831	R0.81 200+00.00 R392.05
10666	319940.233	3405518.589	-2.677	L0.40 200+00.00 R405.50
10667	319921.215	3405528.982	-2.901	R0.16 200+00.00 R427.17
10668	319909.570	3405535.346	-2.750	R0.12 200+00.00 R440.44
10669	319896.737	3405542.358	-2.816	R2.11 200+00.00 R455.07
10670	319884.522	3405549.033	-2.849	L0.11 200+00.00 R468.99
10671	319870.813	3405556.525	-2.993	L0.18 200+00.00 R484.61
10672	319857.929	3405563.565	-2.882	L0.28 200+00.00 R499.29
10673	320587.351	3405788.421	-0.324	L0.08 205+42.68 L33.26
10674	320580.736	3405790.962	1.598	R0.15 205+42.68 L26.18
10675	320567.291	3405796.128	4.250	L0.67 205+42.68 L11.77
10676	320560.251	3405798.832	5.170	L0.44 205+42.68 L4.23
10677	320557.483	3405799.896	5.080	R0.20 205+42.68 L1.27
10678	320555.631	3405800.607	5.080	R0.96 205+42.68 R0.72
10679	320549.601	3405802.923	4.890	R0.74 205+42.68 R7.18
10680	320543.113	3405805.416	3.720	R0.68 205+42.68 R14.13
10681	320541.078	3405806.198	2.330	R0.52 205+42.68 R16.31
10682	320521.751	3405813.623	0.175	L0.62 205+42.68 R37.01
10683	320498.860	3405822.417	-0.072	L0.32 205+42.68 R61.53
10684	320490.234	3405825.731	-0.072	L0.10 205+42.68 R70.77
10685	320481.007	3405829.275	-0.898	L0.24 205+42.68 R80.66
10686	320477.370	3405830.673	-2.160	L0.07 205+42.68 R84.55
10687	320467.791	3405834.353	-4.976	L0.37 205+42.68 R94.82
10688	320459.637	3405837.485	-5.275	L0.32 205+42.68 R103.55
10689	320449.281	3405841.464	-5.682	L0.65 205+42.68 R114.65
10690	320439.763	3405845.120	-6.561	L0.52 205+42.68 R124.84
10691	320429.929	3405848.898	-4.875	L0.41 205+42.68 R135.38
10692	320419.137	3405853.044	-4.383	L0.26 205+42.68 R146.94
10693	320408.863	3405856.991	-3.127	L0.11 205+42.68 R157.94
10694	320398.271	3405861.061	-3.245	L0.48 205+42.68 R169.29
10695	320387.679	3405865.129	-3.026	L0.20 205+42.68 R180.64
10696	320377.133	3405869.181	-3.170	R0.09 205+42.68 R191.93
10697	320367.090	3405873.039	-3.138	R0.10 205+42.68 R202.69
10698	320356.305	3405877.183	-2.672	L0.01 205+42.68 R214.25
10699	320346.283	3405881.033	-2.636	L0.05 205+42.68 R224.98
10700	320335.278	3405885.261	-2.797	L0.35 205+42.68 R236.77
10701	320325.174	3405889.142	-2.702	L0.10 205+42.68 R247.60
10702	320308.968	3405895.368	-2.716	R0.22 205+42.68 R264.96
10703	320299.065	3405899.172	-2.798	L0.01 205+42.68 R275.56
10704	320288.579	3405903.201	-2.526	L0.02 205+42.68 R286.80
10705	320278.087	3405907.232	-2.700	L0.01 205+42.68 R298.04
10706	320267.797	3405911.185	-2.697	L0.69 205+42.68 R309.06
10707	320257.413	3405915.174	-2.697	L0.14 205+42.68 R320.18
10708	320247.498	3405918.983	-2.717	R0.36 205+42.68 R330.81
10709	320237.633	3405922.773	-2.708	L0.10 205+42.68 R341.37
10710	320227.129	3405926.808	-2.603	L0.05 205+42.68 R352.63
10711	320217.399	3405930.547	-2.715	L0.20 205+42.68 R363.05

10712	320207.382	3405934.395	-2.705	L0.25 205+42.68 R373.78
10713	320197.859	3405938.053	-2.791	R0.10 205+42.68 R383.98
10714	320188.595	3405941.612	-2.728	R0.37 205+42.68 R393.91
10715	320173.274	3405947.498	-2.657	L0.09 205+42.68 R410.32
10716	320163.174	3405951.378	-2.890	L0.00 205+42.68 R421.14
10717	320151.096	3405956.018	-0.534	R0.26 205+42.68 R434.08
10718	320140.094	3405960.245	-2.851	R1.24 205+42.68 R445.86
10719	320129.792	3405964.203	-3.091	R0.48 205+42.68 R456.90
10720	320119.939	3405967.988	-0.532	R0.97 205+42.68 R467.45
10721	320111.743	3405971.137	-2.638	R1.81 205+42.68 R476.23
10722	320107.305	3405972.841	-2.743	R1.14 205+42.68 R480.99
10723	320713.121	3406115.393	0.877	R1.29 208+90.57 L33.50
10724	320707.581	3406117.070	1.226	R0.81 208+90.57 L27.71
10725	320696.403	3406120.454	3.461	R2.37 208+90.57 L16.03
10726	320693.167	3406121.434	3.739	R1.02 208+90.57 L12.65
10727	320679.386	3406125.607	5.620	L0.83 208+90.57 R1.75
10728	320675.450	3406126.798	5.693	L1.58 208+90.57 R5.86
10729	320673.143	3406127.497	5.667	L0.40 208+90.57 R8.27
10730	320664.604	3406130.082	4.452	L0.75 208+90.57 R17.19
10731	320664.468	3406130.123	4.366	L1.07 208+90.57 R17.34
10732	320659.563	3406131.609	3.261	L0.95 208+90.57 R22.46
10733	320657.754	3406132.156	1.574	L0.89 208+90.57 R24.35
10734	320651.521	3406134.043	0.718	L0.66 208+90.57 R30.86
10735	320638.720	3406137.919	0.254	L2.17 208+90.57 R44.24
10736	320614.902	3406145.131	0.087	R0.11 208+90.57 R69.12
10737	320606.282	3406147.740	0.052	R0.18 208+90.57 R78.13
10738	320600.859	3406149.382	-0.788	R0.34 208+90.57 R83.80
10739	320597.262	3406150.472	-5.985	R0.66 208+90.57 R87.56
10740	320590.391	3406152.552	-6.067	R0.64 208+90.57 R94.73
10741	320577.826	3406156.356	-6.490	R0.81 208+90.57 R107.86
10742	320563.510	3406160.691	-6.497	L0.13 208+90.57 R122.82
10743	320550.168	3406164.730	-6.881	L0.69 208+90.57 R136.76
10744	320536.115	3406168.985	-3.522	L1.14 208+90.57 R151.44
10745	320522.823	3406173.010	-2.932	L2.16 208+90.57 R165.33
10746	320509.978	3406176.899	-3.191	L0.74 208+90.57 R178.75
10747	320496.470	3406180.989	-3.175	L1.21 208+90.57 R192.87
10748	320482.628	3406185.180	-2.965	L1.66 208+90.57 R207.33
10749	320450.693	3406194.849	-3.176	R0.60 208+90.57 R240.70
10750	320434.642	3406199.709	-2.711	L0.05 208+90.57 R257.47
10751	320419.235	3406204.373	-3.009	L0.91 208+90.57 R273.56
10752	320402.989	3406209.292	-2.659	L0.21 208+90.57 R290.54
10753	320390.183	3406213.169	-2.554	L0.62 208+90.57 R303.92
10754	320377.062	3406217.142	-3.050	L0.35 208+90.57 R317.63
10755	320361.465	3406221.865	-2.538	L0.05 208+90.57 R333.92
10756	320346.435	3406226.415	-2.555	L0.12 208+90.57 R349.63
10757	320334.743	3406229.955	-2.644	L0.32 208+90.57 R361.84
10758	320323.984	3406233.213	-2.864	L0.55 208+90.57 R373.08
10759	320313.758	3406236.309	-2.785	L0.95 208+90.57 R383.77
10760	320303.754	3406239.338	-2.175	R0.11 208+90.57 R394.22
10761	320293.510	3406242.439	-2.550	L0.16 208+90.57 R404.92
10762	320283.297	3406245.532	-2.592	L0.24 208+90.57 R415.60

10763	320272.647	3406248.756	-2.176	L0.37 208+90.57 R426.72
10764	320261.387	3406252.165	-1.966	L0.22 208+90.57 R438.49
10765	320251.291	3406255.222	-2.665	L0.14 208+90.57 R449.04
10766	320242.443	3406257.901	-2.623	R0.00 208+90.57 R458.28
10767	320226.288	3406262.793	-2.558	L0.17 208+90.57 R475.16
10768	320216.443	3406265.773	-2.312	R0.01 208+90.57 R485.45
10769	320206.171	3406268.884	-2.794	L0.02 208+90.57 R496.18
10770	320791.302	3406361.006	1.344	R0.22 211+46.76 L37.18
10771	320788.511	3406361.726	1.187	R0.12 211+46.76 L34.30
10772	320772.075	3406365.969	3.348	R0.46 211+46.76 L17.33
10773	320760.927	3406368.848	4.830	L0.16 211+46.76 L5.81
10774	320755.213	3406370.323	5.225	R0.55 211+46.76 R0.09
10775	320748.439	3406372.072	5.255	L0.13 211+46.76 R7.09
10776	320742.694	3406373.555	3.636	R0.41 211+46.76 R13.02
10777	320736.739	3406375.092	2.370	L0.13 211+46.76 R19.17
10778	320734.965	3406375.550	1.345	R0.02 211+46.76 R21.00
10779	320722.236	3406378.836	0.110	R0.25 211+46.76 R34.15
10780	320695.007	3406385.866	0.046	L0.34 211+46.76 R62.27
10781	320685.056	3406388.435	-0.017	L0.59 211+46.76 R72.55
10782	320678.178	3406390.211	-1.241	L0.78 211+46.76 R79.65
10783	320670.374	3406392.226	-5.600	R0.59 211+46.76 R87.71
10784	320658.677	3406395.245	-5.508	R1.08 211+46.76 R99.79
10785	320641.913	3406399.573	-5.371	L0.28 211+46.76 R117.11
10786	320627.938	3406403.181	-3.573	L0.39 211+46.76 R131.54
10787	320612.259	3406407.229	-2.678	L0.50 211+46.76 R147.73
10788	320596.211	3406411.372	-2.963	L0.58 211+46.76 R164.31
10789	320578.528	3406415.938	-3.049	R0.54 211+46.76 R182.57
10790	320563.622	3406419.786	-2.922	L0.11 211+46.76 R197.96
10791	320519.712	3406431.122	-2.988	R0.11 211+46.76 R243.31
10792	320502.136	3406435.660	-2.713	L0.95 211+46.76 R261.47
10793	320489.574	3406438.903	-2.785	R1.54 211+46.76 R274.44
10794	320471.987	3406443.444	-2.366	R1.06 211+46.76 R292.60
10795	320457.004	3406447.312	-2.514	R0.73 211+46.76 R308.08
10796	320442.767	3406450.987	-2.714	R0.36 211+46.76 R322.78
10797	320426.698	3406455.136	-2.567	R0.07 211+46.76 R339.38
10798	320413.251	3406458.607	-2.449	L0.34 211+46.76 R353.26
10799	320382.086	3406466.653	-2.207	L1.21 211+46.76 R385.45
10800	320370.137	3406469.738	-2.617	R0.28 211+46.76 R397.79
10801	320356.893	3406473.157	-2.460	R0.03 211+46.76 R411.47
10802	320344.885	3406476.257	-2.608	L0.41 211+46.76 R423.87
10803	320333.780	3406479.124	-2.694	L0.80 211+46.76 R435.34
10804	320320.999	3406482.424	-2.500	L0.91 211+46.76 R448.54
10805	320310.975	3406485.012	-2.474	L0.61 211+46.76 R458.89
10806	320300.943	3406487.602	-2.333	L0.52 211+46.76 R469.26
10807	320865.191	3406671.897	2.114	R0.60 214+66.55 L31.01
10808	320851.541	3406675.563	3.788	R0.02 214+66.55 L16.88
10809	320840.290	3406678.584	5.295	L0.44 214+66.55 L5.23
10810	320833.240	3406680.477	5.442	L0.16 214+66.55 R2.07
10811	320827.875	3406681.917	5.067	R0.18 214+66.55 R7.63
10812	320819.754	3406684.098	3.803	R0.08 214+66.55 R16.04
10813	320810.780	3406686.507	1.729	L0.04 214+66.55 R25.33

10814	320799.040	3406689.660	0.678	R0.07 214+66.55 R37.48
10815	320786.929	3406692.912	0.087	L0.03 214+66.55 R50.02
10816	320778.562	3406695.158	0.084	R0.11 214+66.55 R58.69
10817	320771.675	3406697.008	-0.388	L0.09 214+66.55 R65.82
10818	320763.638	3406699.166	-1.284	R0.07 214+66.55 R74.14
10819	320760.483	3406700.013	-1.924	L0.00 214+66.55 R77.41
10820	320755.069	3406701.467	-4.814	R0.02 214+66.55 R83.01
10821	320744.855	3406704.209	-5.185	R0.14 214+66.55 R93.59
10822	320733.726	3406707.197	-5.156	R0.11 214+66.55 R105.11
10823	320716.844	3406711.730	-5.127	R0.02 214+66.55 R122.59
10824	320703.239	3406715.384	-4.071	R0.02 214+66.55 R136.68
10825	320690.425	3406718.824	-3.231	R0.05 214+66.55 R149.95
10826	320677.166	3406722.384	-2.815	R0.18 214+66.55 R163.67
10827	320662.504	3406726.321	-2.927	L0.11 214+66.55 R178.86
10828	320648.259	3406730.146	-2.691	R1.56 214+66.55 R193.60
10829	320633.517	3406734.105	-2.701	R0.60 214+66.55 R208.87
10830	320619.988	3406737.737	-3.019	L0.34 214+66.55 R222.88
10831	320606.771	3406741.286	-2.892	L0.16 214+66.55 R236.56
10832	320594.519	3406744.576	-2.620	L0.25 214+66.55 R249.25
10833	320578.346	3406748.919	-2.331	L0.12 214+66.55 R265.99
10834	320565.265	3406752.431	-2.358	R0.00 214+66.55 R279.54
10835	320552.007	3406755.991	-2.394	L0.03 214+66.55 R293.27
10836	320540.278	3406759.140	-2.322	R0.21 214+66.55 R305.41
10837	320528.154	3406762.396	-2.336	L0.17 214+66.55 R317.96
10838	320513.743	3406766.265	-2.224	L0.01 214+66.55 R332.89
10839	320499.189	3406770.174	-2.737	L0.04 214+66.55 R347.96
10840	320485.211	3406773.927	-1.999	R0.20 214+66.55 R362.43
10841	320472.857	3406777.244	-2.307	R0.04 214+66.55 R375.22
10842	320457.895	3406781.261	-2.189	L0.15 214+66.55 R390.71
10843	320440.982	3406785.803	-1.724	L0.05 214+66.55 R408.22
10844	320428.482	3406789.159	-1.731	R0.23 214+66.55 R421.17
10845	320412.437	3406793.468	-2.610	R0.41 214+66.55 R437.78
10846	320400.990	3406796.541	-2.037	L0.14 214+66.55 R449.63
10847	320388.340	3406799.938	-2.263	R0.08 214+66.55 R462.73
10848	320988.243	3407034.852	1.806	L0.03 218+49.00 L55.73
10849	320978.729	3407037.407	3.140	R0.06 218+49.00 L45.88
10850	320972.124	3407039.181	3.446	R0.05 218+49.00 L39.04
10851	320959.867	3407042.472	3.926	R0.11 218+49.00 L26.35
10852	320951.491	3407044.721	4.794	L0.09 218+49.00 L17.68
10853	320944.501	3407046.598	5.623	R0.00 218+49.00 L10.44
10854	320942.808	3407047.052	5.914	R0.00 218+49.00 L8.69
10855	320937.407	3407048.503	6.001	L0.03 218+49.00 L3.09
10856	320930.583	3407050.335	5.772	R0.05 218+49.00 R3.97
10857	320927.123	3407051.264	3.790	R0.04 218+49.00 R7.56
10858	320916.686	3407054.066	1.246	L0.03 218+49.00 R18.36
10859	320900.647	3407058.373	0.682	L0.17 218+49.00 R34.97
10860	320895.577	3407059.735	0.657	L0.21 218+49.00 R40.22
10861	320890.137	3407061.195	-1.675	L0.01 218+49.00 R45.85
10862	320881.936	3407063.397	-1.932	L0.07 218+49.00 R54.34
10863	320875.881	3407065.023	-4.993	R0.13 218+49.00 R60.61
10864	320866.639	3407067.505	-5.744	R0.05 218+49.00 R70.18

10865	320855.431	3407070.514	-6.631	R0.21 218+49.00 R81.79
10866	320841.421	3407074.276	-7.051	L0.27 218+49.00 R96.29
10867	320830.540	3407077.198	-7.176	R0.24 218+49.00 R107.56
10868	320818.160	3407080.522	-5.746	R0.37 218+49.00 R120.38
10869	320808.025	3407083.243	-6.103	R0.27 218+49.00 R130.87
10870	320795.159	3407086.698	-3.578	R0.09 218+49.00 R144.19
10871	320781.682	3407090.317	-2.922	L0.14 218+49.00 R158.15
10872	320770.804	3407093.238	-2.761	L0.15 218+49.00 R169.41
10873	320757.792	3407096.732	-3.004	L0.10 218+49.00 R182.88
10874	319716.867	3407846.207	-0.470	237+85.76 L98.26
10875	319717.718	3407830.977	-0.114	237+85.76 L83.01
10876	319718.277	3407820.974	1.024	237+85.76 L72.99
10877	319719.320	3407802.309	1.084	237+85.76 L54.29
10878	319720.488	3407781.420	1.672	237+85.76 L33.37
10879	319721.196	3407768.752	2.728	237+85.76 L20.68
10880	319721.701	3407759.725	4.189	237+85.76 L11.64
10881	319722.175	3407751.234	5.421	237+85.76 L3.14
10882	319722.779	3407740.423	5.350	237+85.76 R7.69
10883	319723.643	3407724.974	2.601	237+85.76 R23.16
10884	319724.845	3407703.466	0.299	237+85.76 R44.70
10885	319726.351	3407676.518	-5.703	237+85.76 R71.69
10886	319727.365	3407658.379	-7.146	237+85.76 R89.86
10887	319728.590	3407636.456	-7.334	237+85.76 R111.82
10888	319729.952	3407612.096	-5.991	237+85.76 R136.22
10889	319731.468	3407584.975	-2.992	237+85.76 R163.38
10890	319733.041	3407556.828	-3.003	237+85.76 R191.57
10891	319734.659	3407527.873	-3.285	237+85.76 R220.57
10892	319736.265	3407499.139	-3.476	237+85.76 R249.35
10893	319737.841	3407470.949	-3.254	237+85.76 R277.58
10894	319739.372	3407443.559	-2.335	237+85.76 R305.02
10895	319740.858	3407416.961	-2.366	237+85.76 R331.66
10896	319742.330	3407390.639	-2.386	237+85.76 R358.02
10897	319743.792	3407364.470	-2.264	237+85.76 R384.23
10898	319745.250	3407338.380	-2.679	237+85.76 R410.36
10899	319746.721	3407312.077	-2.458	237+85.76 R436.70
10900	319748.215	3407285.338	-2.648	237+85.76 R463.48
10901	319749.695	3407258.859	-2.775	237+85.76 R490.01
10902	319274.698	3407770.341	-0.519	242+30.00 L85.96
10903	319276.132	3407759.119	-0.816	242+30.00 L74.64
10904	319281.716	3407715.399	0.211	242+30.00 L30.57
10905	319282.906	3407706.081	2.350	242+30.00 L21.18
10906	319284.546	3407693.242	5.050	242+30.00 L8.23
10907	319285.270	3407687.578	5.439	242+30.00 L2.52
10908	319285.969	3407682.103	5.139	242+30.00 R3.00
10909	319287.891	3407667.058	1.963	242+30.00 R18.17
10910	319289.275	3407656.227	0.028	242+30.00 R29.08
10911	319290.001	3407650.536	0.030	242+30.00 R34.82
10912	319290.463	3407646.919	-1.458	242+30.00 R38.47
10913	319291.876	3407635.863	-2.006	242+30.00 R49.61
10914	319293.185	3407625.616	-1.724	242+30.00 R59.94
10915	319294.707	3407613.695	-2.186	242+30.00 R71.96

10916	319296.261	3407601.528	-5.466	242+30.00 R84.23
10917	319297.823	3407589.306	-4.372	242+30.00 R96.55
10918	319299.374	3407577.160	-5.270	242+30.00 R108.79
10919	319301.735	3407558.680	-5.690	242+30.00 R127.42
10920	319303.326	3407546.223	-5.160	242+30.00 R139.98
10921	319304.916	3407533.772	-4.631	242+30.00 R152.53
10922	319306.476	3407521.562	-3.641	242+30.00 R164.84
10923	319307.996	3407509.665	-2.852	242+30.00 R176.84
10924	319309.517	3407497.751	-2.703	242+30.00 R188.85
10925	319311.078	3407485.537	-4.295	242+30.00 R201.16
10926	319312.670	3407473.069	-5.573	242+30.00 R213.73
10927	319314.268	3407460.557	-3.449	242+30.00 R226.34
10928	319315.858	3407448.111	-2.775	242+30.00 R238.89
10929	319317.444	3407435.695	-2.615	242+30.00 R251.41
10930	319319.061	3407423.035	-2.655	242+30.00 R264.17
10931	319320.685	3407410.320	-2.465	242+30.00 R276.99
10932	319322.287	3407397.782	-2.595	242+30.00 R289.63
10933	319323.906	3407385.109	-2.556	242+30.00 R302.40
10934	319325.560	3407372.158	-2.839	242+30.00 R315.46
10935	319327.224	3407359.131	-2.583	242+30.00 R328.59
10936	319329.791	3407339.033	-2.618	242+30.00 R348.86
10937	319332.405	3407318.569	-2.688	242+30.00 R369.49
10938	319333.663	3407308.720	-2.616	242+30.00 R379.41
10939	319335.623	3407293.378	-2.463	242+30.00 R394.88
10940	319337.574	3407278.105	-2.599	242+30.00 R410.28
10941	319339.549	3407262.640	-2.734	242+30.00 R425.87
10942	319341.523	3407247.186	-2.837	242+30.00 R441.45
10943	319343.506	3407231.663	-2.692	242+30.00 R457.10
10944	319345.472	3407216.277	-2.583	242+30.00 R472.61
10945	319348.413	3407193.246	-2.770	242+30.00 R495.83
10946	319220.939	3407770.178	-0.736	243+15.68 L98.09
10947	319220.227	3407766.820	-1.036	243+15.68 L94.66
10948	319216.858	3407750.923	-0.800	243+15.68 L78.41
10949	319215.005	3407742.182	-0.155	243+15.68 L69.47
10950	319214.129	3407738.051	0.975	243+15.68 L65.25
10951	319211.010	3407723.336	0.721	243+15.68 L50.21
10952	319207.020	3407704.509	1.767	243+15.68 L30.96
10953	319205.159	3407695.730	3.343	243+15.68 L21.99
10954	319202.908	3407685.109	4.709	243+15.68 L11.13
10955	319201.692	3407679.372	5.970	243+15.68 L5.27
10956	319200.789	3407675.113	5.230	243+15.68 L0.91
10957	319199.706	3407670.003	5.254	243+15.68 R4.31
10958	319196.597	3407655.335	3.204	243+15.68 R19.31
10959	319195.620	3407650.724	2.079	243+15.68 R24.02
10960	319193.861	3407642.423	0.089	243+15.68 R32.50
10961	319191.128	3407629.529	-0.573	243+15.68 R45.68
10962	319188.388	3407616.603	-1.146	243+15.68 R58.90
10963	319186.032	3407605.488	-4.024	243+15.68 R70.26
10964	319183.240	3407592.314	-6.127	243+15.68 R83.73
10965	319179.984	3407576.953	-5.902	243+15.68 R99.43
10966	319176.384	3407559.969	-5.728	243+15.68 R116.79

10967	319172.315	3407540.772	-5.822	243+15.68 R136.41
10968	319168.477	3407522.663	-2.916	243+15.68 R154.92
10969	319164.651	3407504.611	-3.005	243+15.68 R173.38
10970	319160.834	3407486.605	-2.551	243+15.68 R191.78
10971	319157.150	3407469.221	-2.725	243+15.68 R209.55
10972	319153.524	3407452.116	-2.648	243+15.68 R227.04
10973	319149.873	3407434.891	-2.420	243+15.68 R244.65
10974	319144.329	3407408.734	-2.342	243+15.68 R271.38
10975	319140.688	3407391.554	-2.252	243+15.68 R288.95
10976	319137.049	3407374.387	-2.442	243+15.68 R306.49
10977	319133.350	3407356.936	-2.502	243+15.68 R324.33
10978	319129.722	3407339.816	-2.516	243+15.68 R341.83
10979	319126.080	3407322.635	-2.554	243+15.68 R359.40
10980	319122.403	3407305.287	-3.009	243+15.68 R377.13
10981	319118.717	3407287.896	-2.440	243+15.68 R394.91
10982	319115.003	3407270.373	-2.414	243+15.68 R412.82
10983	319111.311	3407252.954	-2.678	243+15.68 R430.63
10984	319107.621	3407235.545	-2.637	243+15.68 R448.42
10985	319103.979	3407218.364	-2.522	243+15.68 R465.98
10986	319100.449	3407201.708	-2.884	243+15.68 R483.01
10987	318306.802	3407483.807	1.183	254+14.02 L92.21
10988	318292.199	3407469.713	1.322	254+14.02 L71.92
10989	318284.550	3407462.331	1.059	254+14.02 L61.29
10990	318266.460	3407444.872	1.801	254+14.02 L36.15
10991	318258.027	3407436.734	3.868	254+14.02 L24.43
10992	318247.873	3407426.934	5.675	254+14.02 L10.32
10993	318241.865	3407421.135	6.166	254+14.02 L1.97
10994	318238.614	3407417.998	5.680	254+14.02 R2.55
10995	318231.291	3407410.930	3.358	254+14.02 R12.73
10996	318224.537	3407404.412	0.538	254+14.02 R22.12
10997	318206.044	3407386.564	-0.313	254+14.02 R47.82
10998	318165.227	3407347.171	-4.367	254+14.02 R104.54
10999	318159.418	3407341.565	-4.366	254+14.02 R112.62
11000	318152.996	3407335.367	-5.429	254+14.02 R121.54
11001	318148.437	3407330.966	-6.984	254+14.02 R127.88
11002	318140.353	3407323.164	-6.431	254+14.02 R139.11
11003	318108.917	3407292.825	-6.416	254+14.02 R182.80
11004	318085.682	3407270.401	-5.461	254+14.02 R215.09
11005	318076.429	3407261.471	-6.461	254+14.02 R227.95
11006	318043.377	3407229.572	-5.972	254+14.02 R273.89
11007	318037.085	3407223.499	-5.389	254+14.02 R282.63
11008	318031.281	3407217.898	-6.390	254+14.02 R290.70
11009	319367.840	3407726.652	-0.254	1001 L0.00 241+38.00 L24.08
11010	319369.805	3407720.601	-0.177	1001 L0.00 241+38.00 L17.72
11011	319370.586	3407718.192	0.566	1001 L0.00 241+38.00 L15.18
11012	319373.304	3407709.820	-0.274	1001 L0.00 241+38.00 L6.38
11013	319374.362	3407706.562	0.254	1001 R0.00 241+38.00 L2.96
11014	319376.354	3407700.428	0.146	1001 L0.00 241+38.00 R3.49
11015	319379.695	3407690.136	0.184	1001 L0.02 241+38.00 R14.31
11016	319382.080	3407682.791	0.355	1001 R0.00 241+38.00 R22.04
11017	319386.760	3407668.376	-3.746	L0.02 241+38.00 R37.19

11018	319390.640	3407656.424	-3.516	R0.10 241+38.00 R49.76
11019	319393.806	3407646.671	-5.567	L0.07 241+38.00 R60.01
11020	319397.785	3407634.415	-5.176	L0.05 241+38.00 R72.90
11021	319401.096	3407624.218	-5.892	L0.21 241+38.00 R83.62
11022	319405.265	3407611.376	-6.282	L0.21 241+38.00 R97.12
11023	319408.369	3407601.815	-6.033	L0.17 241+38.00 R107.17
11024	319412.246	3407589.874	-5.862	L0.06 241+38.00 R119.73
11025	319415.824	3407578.854	-5.721	R0.00 241+38.00 R131.31
11026	319419.628	3407567.136	-6.584	L0.16 241+38.00 R143.63
11027	319423.713	3407554.553	-5.717	L0.22 241+38.00 R156.86
11028	319427.195	3407543.829	-5.694	L0.09 241+38.00 R168.14
11029	319431.674	3407530.032	-5.071	L0.01 241+38.00 R182.64
11030	319435.242	3407519.042	-5.077	L0.23 241+38.00 R194.20
11031	319439.241	3407506.725	-5.369	L0.50 241+38.00 R207.15
11032	319325.018	3407744.654	0.843	L0.06 241+73.17 L54.42
11033	319327.452	3407737.159	1.843	R0.04 241+73.17 L46.54
11034	319330.062	3407729.120	2.782	R0.10 241+73.17 L38.09
11035	319332.351	3407722.069	4.035	L0.25 241+73.17 L30.68
11036	319334.397	3407715.768	5.159	R0.13 241+73.17 L24.05
11037	319336.150	3407710.365	6.252	R0.02 241+73.17 L18.37
11038	319338.269	3407703.841	7.353	L0.04 241+73.17 L11.51
11039	319339.637	3407699.627	7.080	L0.05 241+73.17 L7.08
11040	319341.736	3407693.160	7.257	L0.19 241+73.17 L0.28
11041	319344.760	3407683.847	5.197	R0.16 241+73.17 R9.51
11042	319349.135	3407670.372	3.407	R0.10 241+73.17 R23.68
11043	319352.399	3407660.318	1.862	L0.18 241+73.17 R34.25
11044	319355.202	3407651.684	0.970	L0.15 241+73.17 R43.32
11045	319357.495	3407644.622	-2.660	R0.39 241+73.17 R50.75
11046	319359.279	3407639.127	-3.779	R0.18 241+73.17 R56.53
11047	319362.066	3407630.542	-5.557	R0.17 241+73.17 R65.55
11048	319366.133	3407618.014	-5.922	R0.10 241+73.17 R78.72
11049	319369.517	3407607.592	-5.912	L0.01 241+73.17 R89.68
11050	319373.313	3407595.899	-5.800	L0.16 241+73.17 R101.98
11051	319376.664	3407585.578	-5.587	L0.04 241+73.17 R112.83
11052	319380.025	3407575.225	-6.085	R0.23 241+73.17 R123.71
11053	319383.723	3407563.834	-6.125	L0.00 241+73.17 R135.69
11054	319386.279	3407555.962	-5.724	R3.90 241+73.17 R143.96
11055	319387.226	3407553.046	-6.148	L0.05 241+73.17 R147.03
11056	319389.715	3407545.379	-6.561	R2.22 241+73.17 R155.09
11057	319391.195	3407540.821	-4.891	L0.12 241+73.17 R159.88
11058	319393.818	3407532.740	-5.593	L0.14 241+73.17 R168.38
11059	319396.976	3407523.013	-5.389	L2.06 241+73.17 R178.61
11060	319409.620	3407484.067	-5.110	L0.81 241+73.17 R219.55
11061	319286.411	3407733.889	0.754	L0.03 242+23.00 L48.32
11062	319288.520	3407717.378	2.971	L0.10 242+23.00 L31.67
11063	319289.695	3407708.183	4.652	L0.10 242+23.00 L22.40
11064	319291.262	3407695.912	7.844	L0.20 242+23.00 L10.03
11065	319291.939	3407690.613	8.089	L0.15 242+23.00 L4.69
11066	319293.148	3407681.149	7.034	R0.19 242+23.00 R4.85
11067	319294.489	3407670.647	5.672	R0.24 242+23.00 R15.44
11068	319296.437	3407655.399	4.149	R0.18 242+23.00 R30.81

11069	319298.266	3407641.080	2.222	R0.10 242+23.00 R45.25
11070	319299.206	3407633.723	1.217	L0.02 242+23.00 R52.67
11071	319301.447	3407616.180	-5.536	R0.05 242+23.00 R70.35
11072	319302.136	3407610.785	-5.513	L0.08 242+23.00 R75.79
11073	319303.612	3407599.230	-5.549	L0.04 242+23.00 R87.44
11074	319305.289	3407586.099	-5.099	L0.30 242+23.00 R100.68
11075	319306.893	3407573.542	-6.077	L0.14 242+23.00 R113.34
11076	319308.657	3407559.730	-6.169	L0.04 242+23.00 R127.26
11077	319310.689	3407543.825	-5.441	L0.16 242+23.00 R143.29
11078	319312.266	3407531.477	-5.332	L0.04 242+23.00 R155.74
11079	319313.995	3407517.946	-4.492	L0.26 242+23.00 R169.38
11080	319315.828	3407503.591	-3.465	R0.07 242+23.00 R183.85
11081	319317.424	3407491.099	-3.127	L0.16 242+23.00 R196.45
11082	319319.147	3407477.609	-3.009	L0.36 242+23.00 R210.05
11083	319320.458	3407467.344	-2.980	L0.13 242+23.00 R220.40
11084	319322.030	3407455.037	-1.750	R0.00 242+23.00 R232.80
11085	319323.188	3407445.971	-2.091	L0.05 242+23.00 R241.94
11086	319324.300	3407437.270	-2.478	R0.01 242+23.00 R250.71
11087	319325.634	3407426.825	-2.587	L0.46 242+23.00 R261.24
11088	319326.752	3407418.070	-2.515	L0.27 242+23.00 R270.07
11089	318921.059	3407828.936	-0.381	245+99.41 L95.91
11090	318921.283	3407818.095	-0.126	245+99.41 L85.06
11091	318921.508	3407807.215	0.019	245+99.41 L74.18
11092	318922.101	3407778.516	1.392	245+99.41 L45.48
11093	318922.572	3407755.688	2.658	245+99.41 L22.64
11094	318922.798	3407744.758	4.154	245+99.41 L11.71
11095	318922.866	3407741.486	5.531	245+99.41 L8.44
11096	318922.901	3407739.798	5.448	245+99.41 L6.75
11097	318923.006	3407734.711	5.320	245+99.41 L1.66
11098	318923.025	3407733.791	5.521	245+99.41 L0.74
11099	318923.137	3407728.349	5.066	245+99.41 R4.70
11100	318923.358	3407717.643	3.072	245+99.41 R15.41
11101	318923.533	3407709.203	2.261	245+99.41 R23.85
11102	318923.782	3407697.142	-0.001	245+99.41 R35.92
11103	318924.098	3407681.849	-0.941	245+99.41 R51.21
11104	318924.109	3407681.326	-0.873	245+99.41 R51.74
11105	318924.340	3407670.136	-1.400	245+99.41 R62.93
11106	318924.561	3407659.454	-1.871	245+99.41 R73.61
11107	318924.814	3407647.219	-6.083	245+99.41 R85.85
11108	318925.092	3407633.735	-6.079	245+99.41 R99.34
11109	318925.389	3407619.356	-5.339	245+99.41 R113.72
11110	318925.705	3407604.060	-6.251	245+99.41 R129.02
11111	318926.020	3407588.860	-5.242	245+99.41 R144.22
11112	318926.313	3407574.649	-3.777	245+99.41 R158.44
11113	318926.327	3407573.967	-3.175	245+99.41 R159.12
11114	318926.628	3407559.411	-3.781	245+99.41 R173.68
11115	318926.722	3407554.843	-3.691	245+99.41 R178.25
11116	318926.811	3407550.547	-4.899	245+99.41 R182.54
11117	318926.888	3407546.823	-5.322	245+99.41 R186.27
11118	318926.930	3407544.818	-4.468	245+99.41 R188.27
11119	318927.067	3407538.182	-4.689	245+99.41 R194.91

11120	318927.134	3407534.908	-4.944	245+99.41 R198.18
11121	318927.232	3407530.196	-3.218	245+99.41 R202.90
11122	318927.331	3407525.400	-2.994	245+99.41 R207.69
11123	318927.364	3407523.810	-3.396	245+99.41 R209.29
11124	318927.538	3407515.366	-2.855	245+99.41 R217.73
11125	318927.571	3407513.796	-4.019	245+99.41 R219.30
11126	318927.590	3407512.868	-2.819	245+99.41 R220.23
11127	318927.752	3407505.000	-3.075	245+99.41 R228.10
11128	318927.839	3407500.819	-2.613	245+99.41 R232.28
11129	318927.844	3407500.568	-2.630	245+99.41 R232.53
11130	318927.873	3407499.154	-2.991	245+99.41 R233.95
11131	318928.024	3407491.872	-2.919	245+99.41 R241.23
11132	318928.080	3407489.132	-2.509	245+99.41 R243.97
11133	318928.149	3407485.787	-2.381	245+99.41 R247.32
11134	318928.222	3407482.290	-2.668	245+99.41 R250.81
11135	318928.457	3407470.912	-2.519	245+99.41 R262.19
11136	318928.603	3407463.831	-2.529	245+99.41 R269.28
11137	318928.655	3407461.289	-2.471	245+99.41 R271.82
11138	318928.861	3407451.320	-2.444	245+99.41 R281.79
11139	318928.878	3407450.511	-2.669	245+99.41 R282.60
11140	318928.897	3407449.582	-2.543	245+99.41 R283.53
11141	318929.093	3407440.103	-2.596	245+99.41 R293.01
11142	318929.114	3407439.113	-2.524	245+99.41 R294.00
11143	318929.193	3407435.259	-2.469	245+99.41 R297.86
11144	318929.363	3407427.045	-2.425	245+99.41 R306.07
11145	318929.367	3407426.856	-2.611	245+99.41 R306.26
11146	318929.636	3407413.824	-2.608	245+99.41 R319.29
11147	318929.646	3407413.339	-2.483	245+99.41 R319.78
11148	318929.657	3407412.808	-2.456	245+99.41 R320.31
11149	318929.910	3407400.555	-2.159	245+99.41 R332.57
11150	318929.934	3407399.406	-2.658	245+99.41 R333.72
11151	318929.957	3407398.320	-2.557	245+99.41 R334.80
11152	318930.083	3407392.190	-2.672	245+99.41 R340.93
11153	318930.265	3407383.378	-2.583	245+99.41 R349.75
11154	318930.331	3407380.196	-2.391	245+99.41 R352.93
11155	318930.569	3407368.660	-2.519	245+99.41 R364.47
11156	318930.614	3407366.526	-2.467	245+99.41 R366.60
11157	318930.874	3407353.932	-2.595	245+99.41 R379.20
11158	318931.279	3407334.338	-2.932	245+99.41 R398.80
11159	318931.335	3407331.622	-2.673	245+99.41 R401.51
11160	318931.595	3407319.010	-2.888	245+99.41 R414.13
11161	318931.642	3407316.750	-2.703	245+99.41 R416.39
11162	318931.677	3407315.066	-2.442	245+99.41 R418.07
11163	318931.855	3407306.454	-2.697	245+99.41 R426.69
11164	318931.916	3407303.499	-2.640	245+99.41 R429.64
11165	318931.951	3407301.777	-2.688	245+99.41 R431.37
11166	318932.130	3407293.159	-2.711	245+99.41 R439.99
11167	318932.234	3407288.120	-2.766	245+99.41 R445.03
11168	318932.265	3407286.615	-2.641	245+99.41 R446.53
11169	318932.285	3407285.639	-2.814	245+99.41 R447.51
11170	318932.546	3407272.997	-2.742	245+99.41 R460.15

11171	318932.579	3407271.416	-2.581	245+99.41 R461.73
11172	318932.856	3407258.009	-2.961	245+99.41 R475.14
11173	318932.889	3407256.405	-2.303	245+99.41 R476.75
11174	318933.198	3407241.459	-2.442	245+99.41 R491.70
11175	318758.267	3407803.735	0.235	247+20.42 L85.28
11176	318765.281	3407792.011	1.445	247+20.42 L71.62
11177	318774.529	3407776.553	1.590	247+20.42 L53.61
11178	318789.659	3407751.262	1.860	247+20.42 L24.14
11179	318794.691	3407742.852	3.854	247+20.42 L14.34
11180	318798.228	3407736.938	5.653	247+20.42 L7.44
11181	318801.090	3407732.154	5.815	247+20.42 L1.87
11182	318801.279	3407731.839	6.126	247+20.42 L1.50
11183	318806.011	3407723.928	5.248	247+20.42 R7.72
11184	318813.946	3407710.666	3.174	247+20.42 R23.17
11185	318817.344	3407704.985	0.546	247+20.42 R29.79
11186	318819.556	3407701.288	0.066	247+20.42 R34.10
11187	318830.200	3407683.496	-0.721	247+20.42 R54.83
11188	318830.234	3407683.439	-0.769	247+20.42 R54.90
11189	318834.402	3407676.472	-0.787	247+20.42 R63.02
11190	318841.293	3407664.953	-0.876	247+20.42 R76.44
11191	318846.736	3407655.854	-5.586	247+20.42 R87.04
11192	318850.836	3407649.001	-6.681	247+20.42 R95.03
11193	318852.922	3407645.515	-5.465	247+20.42 R99.09
11194	318857.863	3407637.255	-5.186	247+20.42 R108.72
11195	318859.791	3407634.033	-5.004	247+20.42 R112.47
11196	318862.403	3407629.667	-6.153	247+20.42 R117.56
11197	318867.447	3407621.235	-5.140	247+20.42 R127.38
11198	318871.187	3407614.983	-6.148	247+20.42 R134.67
11199	318875.033	3407608.554	-5.838	247+20.42 R142.16
11200	318882.454	3407596.150	-5.114	247+20.42 R156.62
11201	318889.827	3407583.827	-5.377	247+20.42 R170.98
11202	318897.275	3407571.377	-3.777	247+20.42 R185.48
11203	318906.773	3407555.500	-3.691	247+20.42 R203.98
11204	318910.749	3407548.854	-5.322	247+20.42 R211.73
11205	318912.139	3407546.530	-4.899	247+20.42 R214.44
11206	318916.390	3407539.424	-4.944	247+20.42 R222.72
11207	318919.506	3407534.216	-4.689	247+20.42 R228.79
11208	318921.102	3407531.548	-3.396	247+20.42 R231.90
11209	318924.727	3407525.489	-4.019	247+20.42 R238.96
11210	318926.837	3407521.962	-2.994	247+20.42 R243.07
11211	318930.070	3407516.558	-3.218	247+20.42 R249.36
11212	318934.257	3407509.559	-2.819	247+20.42 R257.52
11213	318936.449	3407505.895	-2.855	247+20.42 R261.79
11214	318941.674	3407497.161	-2.613	247+20.42 R271.97
11215	318942.799	3407495.280	-2.630	247+20.42 R274.16
11216	318948.996	3407484.922	-2.509	247+20.42 R286.23
11217	318949.139	3407484.682	-2.381	247+20.42 R286.51
11218	318956.252	3407472.792	-2.637	247+20.42 R300.36
11219	318958.727	3407468.656	-2.529	247+20.42 R305.18
11220	318963.510	3407460.661	-2.650	247+20.42 R314.50
11221	318964.746	3407458.595	-2.543	247+20.42 R316.91

11222	318970.575	3407448.852	-2.469	247+20.42 R328.26
11223	318970.787	3407448.497	-2.549	247+20.42 R328.67
11224	318977.972	3407436.486	-2.449	247+20.42 R342.67
11225	318988.528	3407418.842	-2.412	247+20.42 R363.23
11226	318995.353	3407407.434	-2.333	247+20.42 R376.52
11227	319002.040	3407396.256	-2.484	247+20.42 R389.55
11228	319008.572	3407385.337	-2.353	247+20.42 R402.27
11229	319014.885	3407374.785	-2.486	247+20.42 R414.57
11230	319020.770	3407364.948	-2.546	247+20.42 R426.03
11231	319026.152	3407355.951	-2.321	247+20.42 R436.52
11232	319032.799	3407344.841	-2.416	247+20.42 R449.46
11233	319038.512	3407335.291	-2.435	247+20.42 R460.59
11234	319043.889	3407326.303	-2.599	247+20.42 R471.07
11235	318609.415	3407727.900	-0.117	248+62.58 L99.69
11236	318620.153	3407717.210	-0.082	248+62.58 L84.53
11237	318628.906	3407708.496	0.644	248+62.58 L72.18
11238	318659.825	3407677.716	1.957	248+62.58 L28.55
11239	318668.724	3407668.857	3.809	248+62.58 L16.00
11240	318669.592	3407667.992	3.929	248+62.58 L14.77
11241	318674.480	3407663.126	5.659	248+62.58 L7.87
11242	318674.670	3407662.937	5.529	248+62.58 L7.61
11243	318678.284	3407659.338	6.019	248+62.58 L2.51
11244	318679.488	3407658.140	6.220	248+62.58 L0.81
11245	318681.904	3407655.735	5.901	248+62.58 R2.60
11246	318684.123	3407653.526	5.323	248+62.58 R5.73
11247	318690.821	3407646.858	4.073	248+62.58 R15.18
11248	318696.331	3407641.372	2.367	248+62.58 R22.96
11249	318697.097	3407640.610	1.363	248+62.58 R24.04
11250	318709.843	3407627.921	-0.128	248+62.58 R42.03
11251	318714.585	3407623.200	-0.207	248+62.58 R48.72
11252	318715.736	3407622.054	-0.689	248+62.58 R50.34
11253	318716.498	3407621.295	-0.588	248+62.58 R51.42
11254	318723.536	3407614.289	-1.097	248+62.58 R61.35
11255	318724.112	3407613.715	-0.877	248+62.58 R62.16
11256	318724.722	3407613.108	-0.871	248+62.58 R63.02
11257	318730.476	3407607.380	-1.136	248+62.58 R71.14
11258	318732.123	3407605.740	-1.143	248+62.58 R73.46
11259	318732.258	3407605.606	-1.042	248+62.58 R73.65
11260	318737.629	3407600.259	-5.639	248+62.58 R81.23
11261	318738.931	3407598.963	-5.837	248+62.58 R83.07
11262	318743.247	3407594.666	-7.877	248+62.58 R89.16
11263	318746.637	3407591.291	-7.762	248+62.58 R93.94
11264	318748.841	3407589.096	-6.679	248+62.58 R97.05
11265	318754.391	3407583.572	-5.543	248+62.58 R104.89
11266	318755.251	3407582.716	-6.116	248+62.58 R106.10
11267	318762.700	3407575.299	-6.002	248+62.58 R116.61
11268	318764.410	3407573.597	-5.893	248+62.58 R119.02
11269	318771.029	3407567.008	-6.034	248+62.58 R128.36
11270	318774.257	3407563.794	-4.732	248+62.58 R132.92
11271	318779.705	3407558.371	-5.061	248+62.58 R140.60
11272	318784.534	3407553.563	-3.650	248+62.58 R147.42

11273	318785.653	3407552.449	-3.186	248+62.58 R149.00
11274	318794.846	3407543.297	-2.452	248+62.58 R161.97
11275	318804.854	3407533.333	-3.181	248+62.58 R176.09
11276	318814.679	3407523.553	-2.827	248+62.58 R189.96
11277	318824.830	3407513.447	-3.871	248+62.58 R204.28
11278	318835.516	3407502.809	-3.210	248+62.58 R219.36
11279	318852.090	3407486.309	-3.078	248+62.58 R242.74
11280	318863.267	3407475.181	-2.941	248+62.58 R258.52
11281	318875.267	3407463.235	-2.985	248+62.58 R275.45
11282	318887.631	3407450.926	-2.682	248+62.58 R292.90
11283	318898.354	3407440.251	-2.471	248+62.58 R308.03
11284	318900.018	3407438.594	-2.444	248+62.58 R310.37
11285	318905.939	3407432.700	-2.669	248+62.58 R318.73
11286	318911.720	3407426.945	-2.596	248+62.58 R326.89
11287	318914.908	3407423.770	-2.524	248+62.58 R331.39
11288	318922.854	3407415.860	-2.611	248+62.58 R342.60
11289	318925.289	3407413.437	-2.425	248+62.58 R346.03
11290	318934.386	3407404.380	-2.456	248+62.58 R358.87
11291	318934.701	3407404.066	-2.608	248+62.58 R359.31
11292	318935.462	3407403.309	-2.483	248+62.58 R360.39
11293	318942.510	3407396.292	-2.159	248+62.58 R370.33
11294	318942.658	3407396.145	-2.557	248+62.58 R370.54
11295	318946.675	3407392.145	-2.658	248+62.58 R376.21
11296	318950.056	3407388.780	-2.583	248+62.58 R380.98
11297	318950.533	3407388.305	-2.672	248+62.58 R381.65
11298	318952.814	3407386.034	-2.391	248+62.58 R384.87
11299	318957.346	3407381.522	-2.519	248+62.58 R391.27
11300	318958.699	3407380.175	-2.467	248+62.58 R393.18
11301	318960.982	3407377.903	-2.693	248+62.58 R396.40
11302	318964.179	3407374.720	-2.790	248+62.58 R400.91
11303	318964.461	3407374.439	-2.595	248+62.58 R401.31
11304	318971.329	3407367.602	-2.527	248+62.58 R411.00
11305	318974.216	3407364.728	-2.747	248+62.58 R415.07
11306	318981.599	3407357.377	-2.576	248+62.58 R425.49
11307	318982.692	3407356.289	-2.620	248+62.58 R427.03
11308	318990.600	3407348.416	-2.484	248+62.58 R438.19
11309	319001.912	3407337.155	-2.372	248+62.58 R454.15
11310	319011.940	3407327.172	-2.736	248+62.58 R468.30
11311	319013.823	3407325.298	-2.416	248+62.58 R470.96
11312	319020.287	3407318.862	-2.435	248+62.58 R480.08
11313	319021.967	3407317.190	-2.605	248+62.58 R482.45
11314	319025.881	3407313.293	-2.599	248+62.58 R487.97
11315	319031.830	3407307.371	-2.750	248+62.58 R496.37
11316	318473.960	3407584.647	-0.816	250+36.46 L97.42
11317	318487.500	3407576.481	-0.722	250+36.46 L81.60
11318	318504.690	3407566.115	0.775	250+36.46 L61.53
11319	318529.322	3407551.260	0.083	250+36.46 L32.77
11320	318536.830	3407546.733	1.642	250+36.46 L24.00
11321	318543.788	3407542.536	2.703	250+36.46 L15.87
11322	318552.779	3407537.114	5.009	250+36.46 L5.37
11323	318557.894	3407534.030	5.411	250+36.46 R0.60

11324	318560.097	3407532.701	5.393	250+36.46 R3.17
11325	318566.882	3407528.609	4.557	250+36.46 R11.10
11326	318571.347	3407525.917	3.963	250+36.46 R16.31
11327	318577.672	3407522.102	2.914	250+36.46 R23.70
11328	318579.256	3407521.147	1.341	250+36.46 R25.55
11329	318601.777	3407507.565	0.054	250+36.46 R51.85
11330	318612.070	3407501.358	-0.065	250+36.46 R63.87
11331	318612.597	3407501.040	-0.091	250+36.46 R64.48
11332	318620.452	3407496.303	-0.318	250+36.46 R73.65
11333	318629.410	3407490.901	-0.809	250+36.46 R84.12
11334	318637.005	3407486.320	-6.129	250+36.46 R92.98
11335	318648.753	3407479.236	-6.436	250+36.46 R106.70
11336	318661.018	3407471.839	-6.543	250+36.46 R121.03
11337	318669.187	3407466.913	-5.207	250+36.46 R130.57
11338	318676.990	3407462.207	-6.406	250+36.46 R139.68
11339	318684.914	3407457.428	-4.909	250+36.46 R148.93
11340	318692.710	3407452.727	-2.699	250+36.46 R158.04
11341	318699.257	3407448.779	-3.139	250+36.46 R165.68
11342	318707.722	3407443.674	-3.280	250+36.46 R175.57
11343	318714.609	3407439.520	-3.086	250+36.46 R183.61
11344	318715.085	3407439.234	-3.065	250+36.46 R184.16
11345	318726.768	3407432.188	-3.033	250+36.46 R197.81
11346	318736.112	3407426.553	-2.839	250+36.46 R208.72
11347	318745.891	3407420.655	-2.806	250+36.46 R220.14
11348	318756.225	3407414.424	-2.918	250+36.46 R232.21
11349	318767.211	3407407.798	-2.837	250+36.46 R245.04
11350	318779.188	3407400.575	-2.992	250+36.46 R259.02
11351	318791.663	3407393.052	-2.565	250+36.46 R273.59
11352	318804.164	3407385.513	-3.001	250+36.46 R288.19
11353	318818.561	3407376.831	-2.847	250+36.46 R305.00
11354	318833.519	3407367.810	-3.011	250+36.46 R322.47
11355	318851.422	3407357.013	-3.134	250+36.46 R343.37
11356	318856.797	3407353.772	-2.726	250+36.46 R349.65
11357	318866.623	3407347.846	-2.975	250+36.46 R361.13
11358	318871.587	3407344.852	-2.742	250+36.46 R366.92
11359	318881.156	3407339.082	-2.882	250+36.46 R378.10
11360	318886.669	3407335.757	-2.856	250+36.46 R384.53
11361	318895.118	3407330.662	-2.641	250+36.46 R394.40
11362	318901.304	3407326.932	-2.932	250+36.46 R401.62
11363	318910.482	3407321.397	-2.442	250+36.46 R412.34
11364	318915.611	3407318.303	-2.888	250+36.46 R418.33
11365	318925.249	3407312.491	-2.697	250+36.46 R429.59
11366	318930.000	3407309.626	-2.673	250+36.46 R435.13
11367	318930.036	3407309.604	-2.640	250+36.46 R435.18
11368	318936.132	3407305.928	-2.703	250+36.46 R442.30
11369	318942.297	3407302.210	-2.688	250+36.46 R449.49
11370	318944.766	3407300.721	-2.766	250+36.46 R452.38
11371	318944.829	3407300.683	-2.711	250+36.46 R452.45
11372	318948.546	3407298.442	-2.641	250+36.46 R456.79
11373	318955.011	3407294.543	-2.581	250+36.46 R464.34
11374	318956.507	3407293.640	-2.814	250+36.46 R466.09

11375	318959.678	3407291.728	-2.742	250+36.46 R469.79
11376	318966.256	3407287.761	-2.773	250+36.46 R477.47
11377	318974.254	3407282.938	-2.733	250+36.46 R486.81
11378	318974.406	3407282.846	-2.961	250+36.46 R486.99
11379	318974.845	3407282.582	-2.708	250+36.46 R487.50
11380	318469.071	3407523.561	0.380	251+33.28 L81.67
11381	318476.123	3407510.283	-0.097	251+33.28 L66.64
11382	318483.353	3407496.669	0.200	251+33.28 L51.22
11383	318494.424	3407475.824	1.524	251+33.28 L27.62
11384	318498.178	3407468.757	3.004	251+33.28 L19.62
11385	318502.740	3407460.167	4.711	251+33.28 L9.89
11386	318503.200	3407459.301	5.068	251+33.28 L8.91
11387	318506.999	3407452.147	5.175	251+33.28 L0.81
11388	318509.654	3407447.149	4.618	251+33.28 R4.85
11389	318514.759	3407437.537	2.519	251+33.28 R15.73
11390	318515.330	3407436.462	1.206	251+33.28 R16.95
11391	318526.674	3407415.103	0.185	251+33.28 R41.13
11392	318529.533	3407409.720	0.000	251+33.28 R47.23
11393	318533.893	3407401.511	-0.308	251+33.28 R56.52
11394	318539.064	3407391.775	-0.781	251+33.28 R67.55
11395	318545.450	3407379.751	-4.922	251+33.28 R81.16
11396	318553.207	3407365.146	-6.532	251+33.28 R97.70
11397	318562.382	3407347.870	-6.988	251+33.28 R117.26
11398	318572.744	3407328.362	-4.095	251+33.28 R139.35
11399	318583.889	3407307.376	-3.572	251+33.28 R163.11
11400	318598.629	3407279.624	-2.991	251+33.28 R194.54
11401	318609.668	3407258.840	-3.528	251+33.28 R218.07
11402	318620.790	3407237.897	-3.512	251+33.28 R241.78
11403	318631.833	3407217.106	-3.106	251+33.28 R265.32
11404	318646.536	3407189.422	-2.500	251+33.28 R296.67
11405	318657.706	3407168.391	-2.611	251+33.28 R320.48
11406	318665.087	3407154.495	-2.898	251+33.28 R336.22
11407	318676.094	3407133.770	-2.876	251+33.28 R359.68
11408	318687.146	3407112.960	-2.784	251+33.28 R383.25
11409	318701.861	3407085.255	-2.927	251+33.28 R414.62
11410	318713.049	3407064.190	-2.975	251+33.28 R438.47
11411	318724.103	3407043.378	-2.905	251+33.28 R462.03
11412	318735.083	3407022.703	-2.912	251+33.28 R485.44
11413	318422.193	3407496.582	1.121	252+42.09 L96.81
11414	318420.203	3407479.037	1.683	252+42.09 L79.15
11415	318419.116	3407469.460	0.905	252+42.09 L69.51
11416	318414.618	3407429.808	2.749	252+42.09 L29.61
11417	318413.931	3407423.750	3.362	252+42.09 L23.51
11418	318412.605	3407412.061	5.478	252+42.09 L11.75
11419	318412.370	3407409.998	5.700	252+42.09 L9.67
11420	318411.477	3407402.125	6.032	252+42.09 L1.75
11421	318411.408	3407401.515	5.885	252+42.09 L1.13
11422	318410.843	3407396.538	5.094	252+42.09 R3.88
11423	318409.508	3407384.764	3.002	252+42.09 R15.73
11424	318409.365	3407383.504	1.545	252+42.09 R16.99
11425	318408.378	3407374.808	0.744	252+42.09 R25.75

11426	318406.154	3407355.199	0.083	252+42.09 R45.48
11427	318406.042	3407354.217	-0.230	252+42.09 R46.47
11428	318405.618	3407350.480	-0.113	252+42.09 R50.23
11429	318405.380	3407348.380	-0.244	252+42.09 R52.34
11430	318404.906	3407344.204	-0.256	252+42.09 R56.55
11431	318403.289	3407329.948	-4.942	252+42.09 R70.89
11432	318402.792	3407325.570	-5.705	252+42.09 R75.30
11433	318402.746	3407325.159	-5.539	252+42.09 R75.71
11434	318402.662	3407324.423	-5.867	252+42.09 R76.45
11435	318401.254	3407312.006	-7.362	252+42.09 R88.95
11436	318398.823	3407290.576	-6.136	252+42.09 R110.52
11437	318396.086	3407266.452	-3.175	252+42.09 R134.80
11438	318393.191	3407240.939	-3.101	252+42.09 R160.47
11439	318391.432	3407225.431	-3.397	252+42.09 R176.08
11440	318390.410	3407216.418	-3.292	252+42.09 R185.15
11441	318390.341	3407215.815	-3.165	252+42.09 R185.76
11442	318389.370	3407207.251	-3.169	252+42.09 R194.38
11443	318388.318	3407197.979	-2.731	252+42.09 R203.71
11444	318387.616	3407191.795	-3.219	252+42.09 R209.93
11445	318387.496	3407190.738	-3.117	252+42.09 R211.00
11446	318386.948	3407185.906	-3.172	252+42.09 R215.86
11447	318384.639	3407165.556	-2.499	252+42.09 R236.34
11448	318384.586	3407165.085	-3.254	252+42.09 R236.81
11449	318384.570	3407164.943	-2.986	252+42.09 R236.96
11450	318384.546	3407164.729	-3.339	252+42.09 R237.17
11451	318384.469	3407164.057	-3.104	252+42.09 R237.85
11452	318383.341	3407154.113	-3.209	252+42.09 R247.86
11453	318382.645	3407147.974	-3.237	252+42.09 R254.04
11454	318381.917	3407141.554	-3.204	252+42.09 R260.50
11455	318381.785	3407140.391	-3.114	252+42.09 R261.67
11456	318381.202	3407135.257	-3.022	252+42.09 R266.83
11457	318380.524	3407129.275	-2.816	252+42.09 R272.85
11458	318378.948	3407115.385	-3.263	252+42.09 R286.83
11459	318375.181	3407082.179	-3.330	252+42.09 R320.25
11460	318372.325	3407057.003	-3.317	252+42.09 R345.59
11461	318369.539	3407032.447	-3.053	252+42.09 R370.30
11462	318366.756	3407007.920	-3.150	252+42.09 R394.99
11463	318363.997	3406983.598	-2.909	252+42.09 R419.47
11464	318361.340	3406960.175	-2.906	252+42.09 R443.04
11465	318359.040	3406939.903	-2.755	252+42.09 R463.44
11466	317923.965	3407382.761	-0.046	257+63.92 L81.01
11467	317935.850	3407376.703	1.403	257+63.92 L67.67
11468	317959.056	3407364.874	0.924	257+63.92 L41.62
11469	317967.378	3407360.632	1.368	257+63.92 L32.28
11470	317980.937	3407353.720	3.648	257+63.92 L17.06
11471	317988.636	3407349.796	5.028	257+63.92 L8.42
11472	317993.351	3407347.392	5.642	257+63.92 L3.13
11473	317994.166	3407346.977	5.899	257+63.92 L2.22
11474	317995.687	3407346.202	6.002	257+63.92 L0.51
11475	318001.778	3407343.097	5.255	257+63.92 R6.33
11476	318005.981	3407340.954	4.320	257+63.92 R11.05

11477	318010.612	3407338.594	1.044	257+63.92 R16.24
11478	318018.977	3407334.330	-0.339	257+63.92 R25.63
11479	318026.157	3407330.669	-0.277	257+63.92 R33.69
11480	318032.602	3407327.384	-0.594	257+63.92 R40.93
11481	318043.450	3407321.854	-1.116	257+63.92 R53.10
11482	318056.380	3407315.264	-3.849	257+63.92 R67.61
11483	318065.264	3407310.735	-5.859	257+63.92 R77.59
11484	318073.536	3407306.519	-7.444	257+63.92 R86.87
11485	318074.381	3407306.088	-7.303	257+63.92 R87.82
11486	318081.323	3407302.549	-7.030	257+63.92 R95.61
11487	318083.899	3407301.236	-6.570	257+63.92 R98.50
11488	318088.873	3407298.701	-6.845	257+63.92 R104.09
11489	318093.894	3407296.141	-6.354	257+63.92 R109.72
11490	318094.990	3407295.583	-6.297	257+63.92 R110.95
11491	318096.742	3407294.689	-5.461	257+63.92 R112.92
11492	318104.295	3407290.839	-6.416	257+63.92 R121.40
11493	318104.378	3407290.797	-5.853	257+63.92 R121.49
11494	318114.201	3407285.790	-4.641	257+63.92 R132.51
11495	318115.178	3407285.292	-6.460	257+63.92 R133.61
11496	318124.088	3407280.750	-3.833	257+63.92 R143.61
11497	318126.876	3407279.329	-5.696	257+63.92 R146.74
11498	318131.841	3407276.798	-5.098	257+63.92 R152.31
11499	318135.856	3407274.752	-4.158	257+63.92 R156.82
11500	318139.380	3407272.955	-5.110	257+63.92 R160.78
11501	318149.872	3407267.607	-5.630	257+63.92 R172.55
11502	318153.050	3407265.987	-4.720	257+63.92 R176.12
11503	318160.302	3407262.290	-4.050	257+63.92 R184.26
11504	318170.987	3407256.844	-6.080	257+63.92 R196.25
11505	318180.081	3407252.208	-5.015	257+63.92 R206.46
11506	318181.543	3407251.463	-3.970	257+63.92 R208.10
11507	318193.223	3407245.509	-4.657	257+63.92 R221.21
11508	318206.241	3407238.873	-3.073	257+63.92 R235.82
11509	318219.421	3407232.155	-2.663	257+63.92 R250.62
11510	318232.528	3407225.474	-3.189	257+63.92 R265.33
11511	318251.842	3407215.629	-2.590	257+63.92 R287.01
11512	318252.985	3407215.046	-3.200	257+63.92 R288.29
11513	318256.462	3407213.273	-3.006	257+63.92 R292.19
11514	318258.831	3407212.066	-3.047	257+63.92 R294.85
11515	318261.169	3407210.874	-3.225	257+63.92 R297.48
11516	318265.549	3407208.642	-3.194	257+63.92 R302.39
11517	318266.036	3407208.394	-3.699	257+63.92 R302.94
11518	318270.918	3407205.905	-4.412	257+63.92 R308.42
11519	318278.311	3407202.136	-2.994	257+63.92 R316.72
11520	318279.040	3407201.764	-3.190	257+63.92 R317.53
11521	318291.026	3407195.655	-3.055	257+63.92 R330.99
11522	318292.407	3407194.951	-3.091	257+63.92 R332.54
11523	318303.746	3407189.171	-3.113	257+63.92 R345.26
11524	318304.042	3407189.020	-3.077	257+63.92 R345.60
11525	318305.795	3407188.127	-3.357	257+63.92 R347.56
11526	318314.169	3407183.858	-2.814	257+63.92 R356.96
11527	318316.339	3407182.752	-3.052	257+63.92 R359.40

11528	318319.012	3407181.389	-3.041	257+63.92 R362.40
11529	318324.079	3407178.807	-3.094	257+63.92 R368.09
11530	318328.723	3407176.439	-3.046	257+63.92 R373.30
11531	318332.101	3407174.717	-3.058	257+63.92 R377.09
11532	318333.820	3407173.841	-3.057	257+63.92 R379.02
11533	318340.790	3407170.288	-2.997	257+63.92 R386.84
11534	318342.940	3407169.192	-2.406	257+63.92 R389.26
11535	318345.423	3407167.926	-3.031	257+63.92 R392.04
11536	318351.476	3407164.841	-3.172	257+63.92 R398.84
11537	318352.197	3407164.473	-3.136	257+63.92 R399.65
11538	318358.769	3407161.124	-3.209	257+63.92 R407.02
11539	318362.822	3407159.057	-2.986	257+63.92 R411.57
11540	318363.393	3407158.767	-2.499	257+63.92 R412.21
11541	318370.762	3407155.010	-3.114	257+63.92 R420.48
11542	318371.989	3407154.385	-3.237	257+63.92 R421.86
11543	318372.474	3407154.138	-3.254	257+63.92 R422.41
11544	318385.268	3407147.616	-3.204	257+63.92 R436.77
11545	318386.546	3407146.964	-3.339	257+63.92 R438.20
11546	318398.549	3407140.846	-3.022	257+63.92 R451.67
11547	318400.599	3407139.801	-3.104	257+63.92 R453.97
11548	318409.847	3407135.087	-3.320	257+63.92 R464.36
11549	318411.866	3407134.058	-2.816	257+63.92 R466.62
11550	318424.844	3407127.442	-3.127	257+63.92 R481.19
11551	317856.005	3407252.929	-0.696	258+83.75 L86.81
11552	317873.983	3407250.051	-0.022	258+83.75 L68.60
11553	317892.400	3407247.104	1.410	258+83.75 L49.95
11554	317910.793	3407244.160	0.820	258+83.75 L31.32
11555	317912.852	3407243.831	1.097	258+83.75 L29.24
11556	317925.899	3407241.742	3.221	258+83.75 L16.02
11557	317934.890	3407240.304	4.495	258+83.75 L6.92
11558	317941.939	3407239.175	5.641	258+83.75 R0.22
11559	317943.099	3407238.990	5.561	258+83.75 R1.40
11560	317946.580	3407238.433	5.329	258+83.75 R4.92
11561	317948.446	3407238.134	5.212	258+83.75 R6.81
11562	317957.157	3407236.740	3.464	258+83.75 R15.63
11563	317965.101	3407235.469	1.618	258+83.75 R23.68
11564	317970.640	3407234.582	-0.421	258+83.75 R29.29
11565	317982.540	3407232.678	0.908	258+83.75 R41.34
11566	317984.653	3407232.339	-0.127	258+83.75 R43.48
11567	317994.935	3407230.694	-0.446	258+83.75 R53.89
11568	318005.739	3407228.965	-0.725	258+83.75 R64.83
11569	318012.210	3407227.929	-1.919	258+83.75 R71.39
11570	318019.856	3407226.705	-6.390	258+83.75 R79.13
11571	318033.780	3407224.477	-5.389	258+83.75 R93.23
11572	318048.855	3407222.064	-5.972	258+83.75 R108.50
11573	318070.068	3407218.669	-5.839	258+83.75 R129.98
11574	318080.341	3407217.025	-6.023	258+83.75 R140.39
11575	318082.551	3407216.671	-3.401	258+83.75 R142.62
11576	318083.552	3407216.511	-3.514	258+83.75 R143.64
11577	318086.697	3407216.008	-3.659	258+83.75 R146.82
11578	318098.313	3407214.149	-3.593	258+83.75 R158.59

11579	318110.554	3407212.190	-3.448	258+83.75 R170.98
11580	318110.778	3407212.154	-3.627	258+83.75 R171.21
11581	318117.340	3407211.103	-3.469	258+83.75 R177.86
11582	318119.303	3407210.789	-3.604	258+83.75 R179.84
11583	318121.614	3407210.419	-3.401	258+83.75 R182.18
11584	318123.208	3407210.164	-3.246	258+83.75 R183.80
11585	318123.575	3407210.106	-3.241	258+83.75 R184.17
11586	318123.726	3407210.081	-3.326	258+83.75 R184.32
11587	318128.451	3407209.325	-2.828	258+83.75 R189.11
11588	318137.869	3407207.818	-2.948	258+83.75 R198.65
11589	318152.712	3407205.442	-3.240	258+83.75 R213.68
11590	318165.530	3407203.391	-3.970	258+83.75 R226.66
11591	318167.286	3407203.110	-3.301	258+83.75 R228.44
11592	318171.671	3407202.408	-3.183	258+83.75 R232.88
11593	318178.166	3407201.369	-2.819	258+83.75 R239.46
11594	318181.809	3407200.786	-3.262	258+83.75 R243.14
11595	318184.234	3407200.397	-2.908	258+83.75 R245.60
11596	318196.424	3407198.446	-3.067	258+83.75 R257.95
11597	318210.932	3407196.124	-3.073	258+83.75 R272.64
11598	318215.179	3407195.445	-3.410	258+83.75 R276.94
11599	318223.994	3407194.034	-3.058	258+83.75 R285.87
11600	318225.472	3407193.797	-3.175	258+83.75 R287.36
11601	318232.595	3407192.657	-3.385	258+83.75 R294.58
11602	318240.163	3407191.446	-3.200	258+83.75 R302.24
11603	318241.158	3407191.287	-2.590	258+83.75 R303.25
11604	318249.781	3407189.907	-3.006	258+83.75 R311.98
11605	318254.064	3407189.221	-2.975	258+83.75 R316.32
11606	318254.738	3407189.114	-3.194	258+83.75 R317.00
11607	318255.166	3407189.045	-3.047	258+83.75 R317.44
11608	318258.470	3407188.516	-3.225	258+83.75 R320.78
11609	318268.058	3407186.982	-3.065	258+83.75 R330.49
11610	318269.589	3407186.737	-2.994	258+83.75 R332.04
11611	318276.310	3407185.661	-3.190	258+83.75 R338.85
11612	318282.051	3407184.742	-3.156	258+83.75 R344.66
11613	318284.310	3407184.381	-3.055	258+83.75 R346.95
11614	318290.214	3407183.436	-3.091	258+83.75 R352.93
11615	318295.910	3407182.524	-3.077	258+83.75 R358.70
11616	318298.853	3407182.053	-3.113	258+83.75 R361.68
11617	318304.179	3407181.201	-3.357	258+83.75 R367.07
11618	318309.632	3407180.328	-2.814	258+83.75 R372.59
11619	318313.307	3407179.740	-3.052	258+83.75 R376.32
11620	318317.941	3407178.998	-3.041	258+83.75 R381.01
11621	318323.034	3407178.183	-3.094	258+83.75 R386.17
11622	318327.522	3407177.465	-3.046	258+83.75 R390.71
11623	318331.440	3407176.838	-3.058	258+83.75 R394.68
11624	318336.152	3407176.084	-3.057	258+83.75 R399.45
11625	318341.667	3407175.201	-2.997	258+83.75 R405.04
11626	318345.299	3407174.620	-3.031	258+83.75 R408.72
11627	318348.871	3407174.048	-2.406	258+83.75 R412.33
11628	318355.007	3407173.066	-3.136	258+83.75 R418.55
11629	318359.177	3407172.399	-3.209	258+83.75 R422.77

11630	318360.934	3407172.117	-3.172	258+83.75 R424.55
11631	318367.506	3407171.066	-2.986	258+83.75 R431.21
11632	318368.380	3407170.926	-2.499	258+83.75 R432.09
11633	318368.876	3407170.846	-3.114	258+83.75 R432.59
11634	318369.016	3407170.824	-3.117	258+83.75 R432.73
11635	318372.196	3407170.315	-3.219	258+83.75 R435.95
11636	318372.803	3407170.218	-3.237	258+83.75 R436.57
11637	318378.964	3407169.232	-3.254	258+83.75 R442.81
11638	318382.453	3407168.673	-2.731	258+83.75 R446.34
11639	318386.407	3407168.041	-3.204	258+83.75 R450.35
11640	318395.484	3407166.588	-3.339	258+83.75 R459.54
11641	318411.879	3407163.964	-3.104	258+83.75 R476.14
11642	318422.613	3407162.246	-3.320	258+83.75 R487.01
11643	318433.213	3407160.550	-3.026	258+83.75 R497.75
11644	317829.320	3407118.409	-1.072	259+92.34 L96.20
11645	317849.633	3407121.306	0.309	259+92.34 L75.69
11646	317860.818	3407122.901	1.295	259+92.34 L64.39
11647	317890.032	3407127.067	1.472	259+92.34 L34.88
11648	317895.026	3407127.779	1.563	259+92.34 L29.83
11649	317905.757	3407129.309	3.999	259+92.34 L18.99
11650	317915.074	3407130.637	5.652	259+92.34 L9.58
11651	317922.806	3407131.740	6.357	259+92.34 L1.77
11652	317930.828	3407132.884	4.769	259+92.34 R6.33
11653	317947.393	3407135.246	2.236	259+92.34 R23.06
11654	317956.704	3407136.573	0.236	259+92.34 R32.47
11655	317966.200	3407137.928	-0.079	259+92.34 R42.06
11656	317974.708	3407139.141	-0.488	259+92.34 R50.66
11657	317984.728	3407140.570	-0.854	259+92.34 R60.78
11658	317992.955	3407141.743	-5.072	259+92.34 R69.09
11659	318013.273	3407144.640	-6.900	259+92.34 R89.61
11660	318024.266	3407146.208	-6.828	259+92.34 R100.72
11661	318035.828	3407147.856	-7.493	259+92.34 R112.39
11662	318061.992	3407151.587	-3.126	259+92.34 R138.82
11663	318066.442	3407152.221	-3.380	259+92.34 R143.32
11664	318071.374	3407152.925	-4.488	259+92.34 R148.30
11665	318076.560	3407153.664	-3.790	259+92.34 R153.54
11666	318076.974	3407153.723	-3.926	259+92.34 R153.96
11667	318082.174	3407154.465	-3.434	259+92.34 R159.21
11668	318092.445	3407155.929	-3.633	259+92.34 R169.58
11669	318107.851	3407158.126	-5.024	259+92.34 R185.15
11670	318117.155	3407159.453	-4.656	259+92.34 R194.54
11671	318120.329	3407159.905	-4.121	259+92.34 R197.75
11672	318122.962	3407160.281	-4.727	259+92.34 R200.41
11673	318124.311	3407160.473	-3.241	259+92.34 R201.77
11674	318129.703	3407161.242	-2.828	259+92.34 R207.22
11675	318130.720	3407161.387	-3.295	259+92.34 R208.25
11676	318130.768	3407161.394	-2.990	259+92.34 R208.29
11677	318131.016	3407161.429	-3.868	259+92.34 R208.54
11678	318131.348	3407161.477	-3.049	259+92.34 R208.88
11679	318137.766	3407162.392	-2.722	259+92.34 R215.36
11680	318142.479	3407163.064	-2.940	259+92.34 R220.12

11681	318152.138	3407164.441	-2.963	259+92.34 R229.88
11682	318154.082	3407164.719	-3.150	259+92.34 R231.84
11683	318165.697	3407166.375	-3.158	259+92.34 R243.58
11684	318166.602	3407166.504	-2.566	259+92.34 R244.49
11685	318177.319	3407168.032	-2.625	259+92.34 R255.32
11686	318179.367	3407168.324	-2.819	259+92.34 R257.38
11687	318179.502	3407168.343	-2.895	259+92.34 R257.52
11688	318179.880	3407168.397	-2.908	259+92.34 R257.90
11689	318181.346	3407168.606	-2.455	259+92.34 R259.38
11690	318185.569	3407169.208	-3.262	259+92.34 R263.65
11691	318188.989	3407169.696	-3.092	259+92.34 R267.10
11692	318195.755	3407170.661	-3.198	259+92.34 R273.94
11693	318199.543	3407171.201	-3.067	259+92.34 R277.77
11694	318200.424	3407171.326	-3.082	259+92.34 R278.65
11695	318210.376	3407172.746	-3.002	259+92.34 R288.71
11696	318211.627	3407172.924	-3.410	259+92.34 R289.97
11697	318213.396	3407173.176	-3.073	259+92.34 R291.76
11698	318222.666	3407174.498	-3.058	259+92.34 R301.12
11699	318227.349	3407175.166	-3.175	259+92.34 R305.85
11700	318232.773	3407175.939	-2.485	259+92.34 R311.33
11701	318233.573	3407176.053	-3.385	259+92.34 R312.14
11702	318241.512	3407177.185	-3.200	259+92.34 R320.16
11703	318244.598	3407177.625	-2.590	259+92.34 R323.28
11704	318247.555	3407178.047	-2.975	259+92.34 R326.26
11705	318255.413	3407179.168	-3.194	259+92.34 R334.20
11706	318255.829	3407179.227	-3.006	259+92.34 R334.62
11707	318262.182	3407180.133	-3.065	259+92.34 R341.04
11708	318269.624	3407181.194	-2.994	259+92.34 R348.55
11709	318276.891	3407182.230	-3.156	259+92.34 R355.90
11710	318281.447	3407182.880	-3.190	259+92.34 R360.50
11711	318283.642	3407183.193	-3.055	259+92.34 R362.71
11712	318291.483	3407184.311	-3.077	259+92.34 R370.64
11713	318293.235	3407184.561	-3.091	259+92.34 R372.40
11714	318297.317	3407185.143	-3.113	259+92.34 R376.53
11715	318305.117	3407186.255	-3.357	259+92.34 R384.41
11716	318306.392	3407186.437	-2.814	259+92.34 R385.69
11717	318310.965	3407187.089	-3.052	259+92.34 R390.31
11718	318316.797	3407187.921	-3.041	259+92.34 R396.21
11719	318320.934	3407188.511	-3.094	259+92.34 R400.38
11720	318324.385	3407189.003	-3.046	259+92.34 R403.87
11721	318328.122	3407189.536	-3.058	259+92.34 R407.64
11722	318335.120	3407190.533	-3.057	259+92.34 R414.71
11723	318338.015	3407190.946	-2.997	259+92.34 R417.64
11724	318339.872	3407191.211	-3.031	259+92.34 R419.51
11725	318349.222	3407192.544	-2.406	259+92.34 R428.96
11726	318350.836	3407192.774	-3.136	259+92.34 R430.59
11727	318362.722	3407194.469	-3.172	259+92.34 R442.59
11728	318362.921	3407194.498	-2.986	259+92.34 R442.80
11729	318363.950	3407194.644	-2.499	259+92.34 R443.84
11730	318371.998	3407195.792	-3.117	259+92.34 R451.96
11731	318375.399	3407196.277	-3.219	259+92.34 R455.40

11732	318379.954	3407196.926	-3.165	259+92.34 R460.00
11733	318387.185	3407197.958	-2.731	259+92.34 R467.31
11734	318400.760	3407199.893	-3.397	259+92.34 R481.02
11735	318402.484	3407200.139	-3.169	259+92.34 R482.76
11736	318416.264	3407202.104	-3.292	259+92.34 R496.68
11737	317872.260	3406948.530	1.542	261+24.02 L88.57
11738	317885.839	3406958.699	1.536	261+24.02 L71.60
11739	317885.994	3406958.815	1.447	261+24.02 L71.41
11740	317895.086	3406965.624	1.482	261+24.02 L60.05
11741	317910.619	3406977.257	0.888	261+24.02 L40.64
11742	317926.012	3406988.785	2.298	261+24.02 L21.41
11743	317932.060	3406993.314	3.987	261+24.02 L13.86
11744	317938.588	3406998.203	5.667	261+24.02 L5.70
11745	317941.139	3407000.113	6.353	261+24.02 L2.51
11746	317943.438	3407001.836	6.134	261+24.02 R0.36
11747	317948.733	3407005.801	5.701	261+24.02 R6.98
11748	317949.999	3407006.749	5.958	261+24.02 R8.56
11749	317961.118	3407015.076	3.002	261+24.02 R22.45
11750	317972.061	3407023.271	-0.218	261+24.02 R36.12
11751	317984.465	3407032.560	-0.562	261+24.02 R51.62
11752	317984.600	3407032.662	-2.323	261+24.02 R51.79
11753	317986.494	3407034.080	-2.943	261+24.02 R54.15
11754	317993.214	3407039.113	-0.713	261+24.02 R62.55
11755	318002.140	3407045.798	-0.626	261+24.02 R73.70
11756	318009.209	3407051.091	-6.790	261+24.02 R82.53
11757	318017.277	3407057.134	-5.588	261+24.02 R92.61
11758	318026.023	3407063.683	-5.616	261+24.02 R103.54
11759	318035.488	3407070.772	-5.730	261+24.02 R115.36
11760	318045.348	3407078.156	-4.935	261+24.02 R127.68
11761	318055.386	3407085.674	-5.421	261+24.02 R140.22
11762	318065.392	3407093.167	-3.399	261+24.02 R152.72
11763	318066.389	3407093.914	-2.691	261+24.02 R153.97
11764	318073.369	3407099.141	-2.762	261+24.02 R162.69
11765	318075.680	3407100.872	-2.674	261+24.02 R165.58
11766	318079.275	3407103.564	-3.200	261+24.02 R170.07
11767	318086.122	3407108.692	-3.261	261+24.02 R178.62
11768	318086.390	3407108.893	-3.380	261+24.02 R178.96
11769	318096.028	3407116.111	-3.926	261+24.02 R191.00
11770	318096.444	3407116.422	-3.485	261+24.02 R191.52
11771	318103.486	3407121.696	-2.697	261+24.02 R200.31
11772	318106.590	3407124.020	-2.703	261+24.02 R204.19
11773	318106.996	3407124.324	-3.633	261+24.02 R204.70
11774	318113.528	3407129.216	-2.696	261+24.02 R212.86
11775	318116.629	3407131.538	-2.849	261+24.02 R216.73
11776	318117.971	3407132.544	-5.024	261+24.02 R218.41
11777	318121.608	3407135.267	-3.568	261+24.02 R222.96
11778	318124.170	3407137.186	-4.656	261+24.02 R226.16
11779	318126.463	3407138.904	-3.266	261+24.02 R229.02
11780	318126.784	3407139.143	-3.179	261+24.02 R229.42
11781	318128.822	3407140.670	-4.727	261+24.02 R231.97
11782	318130.963	3407142.273	-3.868	261+24.02 R234.64

11783	318135.174	3407145.427	-4.121	261+24.02 R239.90
11784	318135.957	3407146.014	-3.295	261+24.02 R240.88
11785	318137.159	3407146.913	-2.940	261+24.02 R242.38
11786	318139.389	3407148.583	-2.722	261+24.02 R245.17
11787	318141.520	3407150.180	-3.049	261+24.02 R247.83
11788	318146.263	3407153.731	-2.990	261+24.02 R253.76
11789	318147.234	3407154.459	-3.150	261+24.02 R254.97
11790	318149.416	3407156.093	-2.963	261+24.02 R257.70
11791	318157.175	3407161.904	-3.158	261+24.02 R267.39
11792	318159.431	3407163.593	-2.566	261+24.02 R270.21
11793	318167.070	3407169.314	-2.625	261+24.02 R279.75
11794	318168.179	3407170.145	-2.895	261+24.02 R281.14
11795	318169.775	3407171.340	-2.455	261+24.02 R283.13
11796	318175.823	3407175.869	-2.908	261+24.02 R290.69
11797	318177.225	3407176.919	-3.092	261+24.02 R292.44
11798	318182.192	3407180.639	-3.301	261+24.02 R298.65
11799	318182.801	3407181.095	-2.819	261+24.02 R299.41
11800	318187.352	3407184.504	-3.082	261+24.02 R305.09
11801	318189.488	3407186.103	-3.183	261+24.02 R307.76
11802	318190.183	3407186.624	-3.262	261+24.02 R308.63
11803	318197.416	3407192.040	-3.410	261+24.02 R317.67
11804	318198.381	3407192.763	-3.067	261+24.02 R318.87
11805	318206.481	3407198.829	-3.073	261+24.02 R328.99
11806	318207.484	3407199.581	-3.058	261+24.02 R330.24
11807	318214.734	3407205.010	-3.175	261+24.02 R339.30
11808	318217.576	3407207.138	-3.385	261+24.02 R342.85
11809	318223.200	3407211.350	-3.200	261+24.02 R349.88
11810	318227.950	3407214.907	-2.590	261+24.02 R355.81
11811	318231.692	3407217.710	-2.663	261+24.02 R360.49
11812	318236.915	3407221.621	-3.189	261+24.02 R367.01
11813	318238.649	3407222.920	-3.006	261+24.02 R369.18
11814	318246.417	3407228.737	-3.047	261+24.02 R378.88
11815	318249.325	3407230.915	-3.225	261+24.02 R382.52
11816	318259.758	3407238.728	-3.699	261+24.02 R395.55
11817	318270.052	3407246.437	-4.412	261+24.02 R408.41
11818	318280.090	3407253.955	-3.548	261+24.02 R420.95
11819	318289.553	3407261.042	-4.129	261+24.02 R432.78
11820	318292.555	3407263.290	-6.461	261+24.02 R436.53
11821	318296.661	3407266.365	-5.801	261+24.02 R441.66
11822	318298.595	3407267.813	-4.048	261+24.02 R444.07
11823	318310.063	3407276.402	-3.877	261+24.02 R458.40
11824	317964.099	3406890.695	1.725	262+86.38 L78.71
11825	317967.623	3406889.818	2.442	262+86.38 L75.07
11826	317971.933	3406888.744	1.125	262+86.38 L70.63
11827	317994.081	3406883.226	2.179	262+86.38 L47.81
11828	318004.798	3406880.556	1.973	262+86.38 L36.76
11829	318017.450	3406877.405	5.052	262+86.38 L23.72
11830	318025.618	3406875.370	6.934	262+86.38 L15.31
11831	318028.876	3406874.558	6.691	262+86.38 L11.95
11832	318034.298	3406873.207	6.879	262+86.38 L6.36
11833	318038.965	3406872.045	6.157	262+86.38 L1.55

11834	318043.104	3406871.013	6.695	262+86.38 R2.72
11835	318056.878	3406867.582	3.660	262+86.38 R16.91
11836	318065.879	3406865.340	2.318	262+86.38 R26.19
11837	318081.635	3406861.415	-0.162	262+86.38 R42.42
11838	318090.492	3406859.208	0.072	262+86.38 R51.55
11839	318099.978	3406856.845	-0.302	262+86.38 R61.33
11840	318110.564	3406854.208	-4.207	262+86.38 R72.24
11841	318122.811	3406851.157	-6.092	262+86.38 R84.86
11842	318136.144	3406847.835	-6.293	262+86.38 R98.60
11843	318151.275	3406844.066	-5.229	262+86.38 R114.19
11844	318166.815	3406840.194	-4.652	262+86.38 R130.21
11845	318182.000	3406836.411	-3.140	262+86.38 R145.86
11846	318197.410	3406832.572	-3.173	262+86.38 R161.74
11847	318212.756	3406828.749	-3.195	262+86.38 R177.55
11848	318228.386	3406824.855	-3.279	262+86.38 R193.66
11849	318243.964	3406820.975	-3.268	262+86.38 R209.71
11850	318259.174	3406817.185	-3.183	262+86.38 R225.39
11851	318274.290	3406813.420	-2.980	262+86.38 R240.97
11852	318289.508	3406809.629	-2.963	262+86.38 R256.65
11853	318304.657	3406805.855	-2.932	262+86.38 R272.26
11854	318319.703	3406802.106	-2.780	262+86.38 R287.77
11855	318334.575	3406798.401	-2.394	262+86.38 R303.09
11856	318349.524	3406794.677	-2.525	262+86.38 R318.50
11857	318364.392	3406790.973	-2.547	262+86.38 R333.82
11858	318378.897	3406787.360	-2.603	262+86.38 R348.77
11859	318393.136	3406783.812	-2.726	262+86.38 R363.45
11860	318407.402	3406780.259	-2.643	262+86.38 R378.15
11861	318421.291	3406776.799	-2.761	262+86.38 R392.46
11862	318434.266	3406773.566	-2.785	262+86.38 R405.83
11863	318446.334	3406770.560	-2.295	262+86.38 R418.27
11864	318458.005	3406767.652	-2.500	262+86.38 R430.30
11865	318468.259	3406765.098	-2.410	262+86.38 R440.86
11866	318480.222	3406762.117	-2.696	262+86.38 R453.19
11867	317925.788	3406783.143	6.181	264+00.00 L89.88
11868	317939.558	3406779.712	6.530	264+00.00 L75.69
11869	317959.129	3406774.837	6.898	264+00.00 L55.52
11870	317976.368	3406770.542	4.374	264+00.00 L37.76
11871	317977.931	3406770.153	6.382	264+00.00 L36.14
11872	317980.450	3406769.525	6.766	264+00.00 L33.55
11873	317982.049	3406769.127	5.606	264+00.00 L31.90
11874	318007.622	3406762.756	6.534	264+00.00 L5.55
11875	318012.026	3406761.659	6.531	264+00.00 L1.01
11876	318012.976	3406761.422	6.409	264+00.00 L0.03
11877	318014.680	3406760.998	6.290	264+00.00 R1.73
11878	318016.233	3406760.611	6.360	264+00.00 R3.33
11879	318020.098	3406759.648	6.043	264+00.00 R7.31
11880	318028.709	3406757.503	4.422	264+00.00 R16.19
11881	318042.954	3406753.954	1.710	264+00.00 R30.87
11882	318057.727	3406750.274	1.696	264+00.00 R46.09
11883	318060.933	3406749.475	0.673	264+00.00 R49.40
11884	318065.508	3406748.335	-0.280	264+00.00 R54.11

11885	318070.303	3406747.141	-0.342	264+00.00 R59.05
11886	318081.618	3406744.322	-5.106	264+00.00 R70.71
11887	318094.875	3406741.019	-5.299	264+00.00 R84.37
11888	318110.374	3406737.158	-6.221	264+00.00 R100.35
11889	318126.748	3406733.079	-6.029	264+00.00 R117.22
11890	318144.490	3406728.659	-3.567	264+00.00 R135.51
11891	318162.828	3406724.091	-3.191	264+00.00 R154.40
11892	318181.169	3406719.522	-3.173	264+00.00 R173.31
11893	318199.490	3406714.957	-2.929	264+00.00 R192.19
11894	318217.700	3406710.421	-3.287	264+00.00 R210.95
11895	318235.876	3406705.893	-3.293	264+00.00 R229.69
11896	318254.045	3406701.367	-3.434	264+00.00 R248.41
11897	318271.960	3406696.903	-3.104	264+00.00 R266.87
11898	318289.739	3406692.474	-2.784	264+00.00 R285.19
11899	318316.708	3406685.756	-2.861	264+00.00 R312.99
11900	318334.454	3406681.335	-2.948	264+00.00 R331.28
11901	318360.503	3406674.845	-2.867	264+00.00 R358.12
11902	318377.125	3406670.704	-2.855	264+00.00 R375.25
11903	318393.970	3406666.508	-2.994	264+00.00 R392.61
11904	318411.469	3406662.148	-2.979	264+00.00 R410.65
11905	318428.321	3406657.950	-2.908	264+00.00 R428.01
11906	318443.363	3406654.203	-3.040	264+00.00 R443.51
11907	318456.477	3406650.936	-2.872	264+00.00 R457.03
11908	318470.403	3406647.467	-3.058	264+00.00 R471.38
11909	318485.259	3406643.766	-3.100	264+00.00 R486.69
11910	318027.340	3406835.897	6.279	264+15.65 L91.48
11911	318022.884	3406813.847	6.031	264+15.65 L68.98
11912	318017.718	3406788.281	6.531	264+15.65 L42.90
11913	318015.630	3406777.952	6.360	264+15.65 L32.36
11914	318013.539	3406767.605	6.043	264+15.65 L21.81
11915	318013.224	3406766.045	4.422	264+15.65 L20.22
11916	318011.432	3406757.179	6.409	264+15.65 L11.17
11917	318010.325	3406751.698	6.534	264+15.65 L5.58
11918	318008.453	3406742.436	6.290	264+15.65 R3.87
11919	318005.055	3406725.621	2.972	264+15.65 R21.03
11920	318004.517	3406722.960	2.928	264+15.65 R23.74
11921	318003.732	3406719.074	1.144	264+15.65 R27.71
11922	318002.238	3406711.680	-0.231	264+15.65 R35.25
11923	318002.222	3406711.601	0.413	264+15.65 R35.33
11924	318001.054	3406705.820	0.455	264+15.65 R41.23
11925	318000.567	3406703.410	-0.113	264+15.65 R43.69
11926	317999.034	3406695.825	-0.464	264+15.65 R51.42
11927	317997.762	3406689.533	-0.578	264+15.65 R57.84
11928	317996.857	3406685.055	-2.597	264+15.65 R62.41
11929	317995.541	3406678.540	-4.607	264+15.65 R69.06
11930	317994.344	3406672.617	-6.727	264+15.65 R75.10
11931	317993.160	3406666.758	-6.200	264+15.65 R81.08
11932	317991.933	3406660.689	-6.726	264+15.65 R87.27
11933	317991.654	3406659.305	-6.626	264+15.65 R88.68
11934	317990.510	3406653.645	-7.166	264+15.65 R94.46
11935	317990.104	3406651.635	-6.779	264+15.65 R96.51

11936	317988.789	3406645.128	-6.726	264+15.65 R103.15
11937	317988.690	3406644.640	-6.934	264+15.65 R103.64
11938	317985.973	3406631.194	-5.472	264+15.65 R117.36
11939	317985.503	3406628.870	-6.704	264+15.65 R119.73
11940	317982.497	3406613.991	-4.194	264+15.65 R134.91
11941	317981.970	3406611.384	-5.405	264+15.65 R137.57
11942	317978.385	3406593.645	-5.288	264+15.65 R155.67
11943	317977.147	3406587.521	-3.093	264+15.65 R161.92
11944	317974.916	3406576.480	-2.661	264+15.65 R173.18
11945	317973.649	3406570.210	-2.689	264+15.65 R179.58
11946	317971.463	3406559.391	-3.146	264+15.65 R190.62
11947	317970.186	3406553.075	-2.934	264+15.65 R197.06
11948	317967.979	3406542.153	-3.064	264+15.65 R208.20
11949	317966.685	3406535.747	-2.815	264+15.65 R214.74
11950	317964.584	3406525.349	-3.000	264+15.65 R225.35
11951	317963.219	3406518.595	-2.889	264+15.65 R232.24
11952	317959.683	3406501.099	-3.000	264+15.65 R250.09
11953	317956.197	3406483.847	-2.777	264+15.65 R267.69
11954	317952.747	3406466.778	-2.657	264+15.65 R285.10
11955	317949.492	3406450.667	-2.845	264+15.65 R301.54
11956	317949.321	3406449.824	-2.763	264+15.65 R302.40
11957	317948.414	3406445.335	-2.828	264+15.65 R306.98
11958	317947.141	3406439.036	-2.725	264+15.65 R313.40
11959	317946.621	3406436.461	-2.908	264+15.65 R316.03
11960	317946.362	3406435.180	-2.512	264+15.65 R317.34
11961	317945.951	3406433.146	-2.740	264+15.65 R319.41
11962	317945.730	3406432.054	-2.623	264+15.65 R320.53
11963	317945.041	3406428.646	-2.728	264+15.65 R324.00
11964	317944.811	3406427.506	-2.832	264+15.65 R325.17
11965	317942.949	3406418.289	-2.855	264+15.65 R334.57
11966	317942.548	3406416.308	-2.725	264+15.65 R336.59
11967	317940.888	3406408.091	-2.773	264+15.65 R344.97
11968	317939.137	3406399.426	-2.743	264+15.65 R353.82
11969	317935.761	3406382.722	-2.787	264+15.65 R370.86
11970	317930.850	3406358.419	-2.916	264+15.65 R395.65
11971	317928.321	3406345.906	-2.884	264+15.65 R408.42
11972	317927.662	3406342.644	-2.855	264+15.65 R411.74
11973	317925.439	3406331.644	-2.357	264+15.65 R422.97
11974	317924.561	3406327.297	-2.838	264+15.65 R427.40
11975	317922.543	3406317.314	-2.635	264+15.65 R437.59
11976	317921.645	3406312.871	-2.832	264+15.65 R442.12
11977	317919.661	3406303.051	-2.983	264+15.65 R452.14
11978	317918.946	3406299.514	-2.794	264+15.65 R455.75
11979	317916.784	3406288.813	-2.750	264+15.65 R466.66
11980	317916.476	3406287.292	-2.841	264+15.65 R468.22
11981	317914.148	3406275.772	-2.920	264+15.65 R479.97
11982	317913.866	3406274.375	-2.737	264+15.65 R481.39
11983	317986.356	3406806.506	2.984	264+50.00 L54.55
11984	317981.602	3406782.980	4.374	264+50.00 L30.55
11985	317977.804	3406764.187	6.382	264+50.00 L11.38
11986	317976.655	3406758.502	6.534	264+50.00 L5.58

11987	317975.960	3406755.063	6.898	264+50.00 L2.07
11988	317975.701	3406753.777	6.766	264+50.00 L0.76
11989	317973.808	3406744.412	5.606	264+50.00 R8.80
11990	317972.273	3406736.818	4.473	264+50.00 R16.54
11991	317970.848	3406729.764	2.928	264+50.00 R23.74
11992	317968.552	3406718.405	0.413	264+50.00 R35.33
11993	317965.364	3406702.629	-0.464	264+50.00 R51.42
11994	317963.188	3406691.859	-2.597	264+50.00 R62.41
11995	317960.674	3406679.421	-6.727	264+50.00 R75.10
11996	317958.264	3406667.493	-6.726	264+50.00 R87.27
11997	317957.984	3406666.109	-6.626	264+50.00 R88.68
11998	317956.434	3406658.439	-6.779	264+50.00 R96.51
11999	317955.119	3406651.932	-6.726	264+50.00 R103.15
12000	317955.021	3406651.444	-6.934	264+50.00 R103.64
12001	317952.304	3406637.998	-5.472	264+50.00 R117.36
12002	317951.834	3406635.674	-6.704	264+50.00 R119.73
12003	317948.827	3406620.795	-4.194	264+50.00 R134.91
12004	317948.300	3406618.188	-5.405	264+50.00 R137.57
12005	317944.716	3406600.449	-5.288	264+50.00 R155.67
12006	317943.478	3406594.325	-3.093	264+50.00 R161.92
12007	317941.247	3406583.284	-2.661	264+50.00 R173.18
12008	317939.980	3406577.014	-2.689	264+50.00 R179.58
12009	317937.793	3406566.195	-3.146	264+50.00 R190.62
12010	317936.517	3406559.879	-2.934	264+50.00 R197.06
12011	317934.310	3406548.957	-3.064	264+50.00 R208.20
12012	317933.015	3406542.551	-2.815	264+50.00 R214.74
12013	317930.914	3406532.153	-3.000	264+50.00 R225.35
12014	317929.549	3406525.399	-2.889	264+50.00 R232.24
12015	317926.014	3406507.903	-3.000	264+50.00 R250.09
12016	317925.798	3406506.834	-2.701	264+50.00 R251.18
12017	317923.287	3406494.409	-2.715	264+50.00 R263.85
12018	317922.527	3406490.651	-2.777	264+50.00 R267.69
12019	317922.328	3406489.663	-2.815	264+50.00 R268.70
12020	317921.729	3406486.702	-2.736	264+50.00 R271.72
12021	317918.892	3406472.662	-2.852	264+50.00 R286.04
12022	317914.745	3406452.139	-2.828	264+50.00 R306.98
12023	317913.732	3406447.130	-2.792	264+50.00 R312.09
12024	317912.951	3406443.265	-2.908	264+50.00 R316.03
12025	317912.061	3406438.858	-2.623	264+50.00 R320.53
12026	317911.372	3406435.450	-2.728	264+50.00 R324.00
12027	317910.784	3406432.538	-2.827	264+50.00 R326.98
12028	317910.369	3406430.488	-2.164	264+50.00 R329.07
12029	317910.286	3406430.074	-2.756	264+50.00 R329.49
12030	317906.880	3406413.220	-2.752	264+50.00 R346.68
12031	317904.608	3406401.976	-2.691	264+50.00 R358.16
12032	317903.511	3406396.547	-2.740	264+50.00 R363.69
12033	317901.777	3406387.970	-2.743	264+50.00 R372.44
12034	317900.090	3406379.619	-2.763	264+50.00 R380.96
12035	317898.912	3406373.791	-2.904	264+50.00 R386.91
12036	317894.652	3406352.710	-2.884	264+50.00 R408.42
12037	317891.770	3406338.448	-2.357	264+50.00 R422.97

12038	317891.713	3406338.167	-2.805	264+50.00 R423.25
12039	317888.874	3406324.118	-2.635	264+50.00 R437.59
12040	317888.478	3406322.161	-2.796	264+50.00 R439.58
12041	317885.317	3406306.519	-2.725	264+50.00 R455.54
12042	317885.277	3406306.318	-2.794	264+50.00 R455.75
12043	317882.807	3406294.096	-2.841	264+50.00 R468.22
12044	317882.339	3406291.782	-2.809	264+50.00 R470.58
12045	317880.479	3406282.576	-2.920	264+50.00 R479.97
12046	317879.460	3406277.533	-2.656	264+50.00 R485.11
12047	317877.959	3406270.105	-2.693	264+50.00 R492.69
12048	317856.291	3406866.398	0.431	265+77.30 L88.32
12049	317855.000	3406845.796	0.911	265+77.30 L67.68
12050	317853.228	3406817.496	1.492	265+77.30 L39.32
12051	317852.955	3406813.138	1.710	265+77.30 L34.96
12052	317852.043	3406798.573	4.160	265+77.30 L20.36
12053	317851.399	3406788.292	5.551	265+77.30 L10.06
12054	317850.872	3406779.886	6.593	265+77.30 L1.64
12055	317850.838	3406779.339	6.110	265+77.30 L1.09
12056	317850.683	3406776.871	5.483	265+77.30 R1.38
12057	317850.449	3406773.123	5.792	265+77.30 R5.14
12058	317849.881	3406764.054	3.935	265+77.30 R14.22
12059	317849.284	3406754.530	1.967	265+77.30 R23.77
12060	317848.360	3406739.774	0.036	265+77.30 R38.55
12061	317848.066	3406735.087	-0.249	265+77.30 R43.25
12062	317847.739	3406729.863	-0.198	265+77.30 R48.48
12063	317846.910	3406716.624	-0.600	265+77.30 R61.75
12064	317846.154	3406704.552	-3.357	265+77.30 R73.84
12065	317845.288	3406690.737	-7.329	265+77.30 R87.69
12066	317844.286	3406674.736	-6.006	265+77.30 R103.72
12067	317843.208	3406657.527	-5.287	265+77.30 R120.96
12068	317841.361	3406628.029	-5.397	265+77.30 R150.52
12069	317840.117	3406608.174	-5.623	265+77.30 R170.41
12070	317838.923	3406589.119	-3.195	265+77.30 R189.50
12071	317837.918	3406573.062	-2.846	265+77.30 R205.59
12072	317837.743	3406570.265	-3.036	265+77.30 R208.39
12073	317837.639	3406568.615	-2.981	265+77.30 R210.05
12074	317836.972	3406557.964	-3.016	265+77.30 R220.72
12075	317836.949	3406557.596	-2.353	265+77.30 R221.09
12076	317836.576	3406551.647	-2.887	265+77.30 R227.05
12077	317836.496	3406550.367	-3.122	265+77.30 R228.33
12078	317835.975	3406542.039	-2.951	265+77.30 R236.67
12079	317835.830	3406539.723	-3.252	265+77.30 R238.99
12080	317835.409	3406533.010	-2.847	265+77.30 R245.72
12081	317834.983	3406526.206	-2.968	265+77.30 R252.54
12082	317834.242	3406514.380	-3.014	265+77.30 R264.39
12083	317833.992	3406510.393	-3.020	265+77.30 R268.38
12084	317833.090	3406495.990	-3.290	265+77.30 R282.81
12085	317832.592	3406488.042	-2.751	265+77.30 R290.78
12086	317832.530	3406487.046	-2.738	265+77.30 R291.78
12087	317831.945	3406477.702	-2.790	265+77.30 R301.14
12088	317831.573	3406471.769	-2.962	265+77.30 R307.08

12089	317830.807	3406459.536	-2.802	265+77.30 R319.34
12090	317830.043	3406447.340	-2.887	265+77.30 R331.56
12091	317829.777	3406443.089	-2.946	265+77.30 R335.82
12092	317829.670	3406441.379	-2.804	265+77.30 R337.53
12093	317829.556	3406439.560	-2.814	265+77.30 R339.35
12094	317828.533	3406423.239	-2.721	265+77.30 R355.71
12095	317827.394	3406405.042	-2.521	265+77.30 R373.94
12096	317826.260	3406386.940	-2.751	265+77.30 R392.08
12097	317825.125	3406368.813	-2.732	265+77.30 R410.24
12098	317823.990	3406350.704	-2.293	265+77.30 R428.38
12099	317822.839	3406332.325	-2.457	265+77.30 R446.80
12100	317821.114	3406304.783	-2.881	265+77.30 R474.40
12101	317819.985	3406286.756	-2.821	265+77.30 R492.46
12102	317673.259	3406869.564	-0.652	267+16.15 L91.35
12103	317680.936	3406853.268	-0.155	267+16.15 L73.33
12104	317689.222	3406835.681	1.246	267+16.15 L53.89
12105	317698.138	3406816.757	1.356	267+16.15 L32.97
12106	317698.541	3406815.901	1.393	267+16.15 L32.03
12107	317705.367	3406801.413	4.611	267+16.15 L16.01
12108	317709.119	3406793.450	5.824	267+16.15 L7.21
12109	317712.005	3406787.323	6.189	267+16.15 L0.43
12110	317714.093	3406782.891	5.235	267+16.15 R4.47
12111	317715.480	3406779.948	5.598	267+16.15 R7.72
12112	317718.215	3406774.142	4.499	267+16.15 R14.14
12113	317721.628	3406766.898	3.089	267+16.15 R22.14
12114	317722.855	3406764.294	0.964	267+16.15 R25.02
12115	317727.221	3406755.027	0.312	267+16.15 R35.27
12116	317732.346	3406744.149	2.012	267+16.15 R47.29
12117	317735.044	3406738.423	0.055	267+16.15 R53.62
12118	317740.584	3406726.664	-0.339	267+16.15 R66.62
12119	317745.697	3406715.811	-2.202	267+16.15 R78.62
12120	317751.758	3406702.946	-5.360	267+16.15 R92.84
12121	317758.672	3406688.270	-6.158	267+16.15 R109.06
12122	317766.433	3406671.798	-5.164	267+16.15 R127.27
12123	317778.021	3406647.202	-4.435	267+16.15 R154.46
12124	317789.644	3406622.531	-3.868	267+16.15 R181.73
12125	317796.259	3406608.491	-3.527	267+16.15 R197.25
12126	317797.336	3406606.204	-2.750	267+16.15 R199.78
12127	317802.569	3406595.097	-2.809	267+16.15 R212.06
12128	317804.846	3406590.263	-3.330	267+16.15 R217.40
12129	317808.519	3406582.467	-2.871	267+16.15 R226.02
12130	317810.174	3406578.955	-3.195	267+16.15 R229.90
12131	317812.264	3406574.519	-2.846	267+16.15 R234.81
12132	317814.126	3406570.567	-2.981	267+16.15 R239.17
12133	317817.200	3406564.042	-3.036	267+16.15 R246.39
12134	317819.650	3406558.842	-2.353	267+16.15 R252.13
12135	317821.334	3406555.266	-3.016	267+16.15 R256.09
12136	317824.162	3406549.264	-2.887	267+16.15 R262.72
12137	317826.518	3406544.264	-3.122	267+16.15 R268.25
12138	317826.976	3406543.291	-2.951	267+16.15 R269.33
12139	317831.119	3406534.499	-2.847	267+16.15 R279.04

12140	317833.816	3406528.773	-3.252	267+16.15 R285.37
12141	317834.302	3406527.743	-2.968	267+16.15 R286.51
12142	317838.119	3406519.640	-3.014	267+16.15 R295.47
12143	317841.782	3406511.865	-3.020	267+16.15 R304.06
12144	317845.039	3406504.952	-3.290	267+16.15 R311.71
12145	317851.865	3406490.464	-2.790	267+16.15 R327.72
12146	317852.857	3406488.357	-2.738	267+16.15 R330.05
12147	317860.185	3406472.805	-2.962	267+16.15 R347.24
12148	317867.473	3406457.335	-2.745	267+16.15 R364.34
12149	317873.246	3406445.083	-2.814	267+16.15 R377.89
12150	317874.808	3406441.766	-2.268	267+16.15 R381.55
12151	317876.780	3406437.581	-2.668	267+16.15 R386.18
12152	317881.623	3406427.301	-2.164	267+16.15 R397.54
12153	317882.101	3406426.287	-3.110	267+16.15 R398.66
12154	317884.555	3406421.077	-2.827	267+16.15 R404.42
12155	317889.419	3406410.755	-2.691	267+16.15 R415.83
12156	317892.650	3406403.896	-2.752	267+16.15 R423.42
12157	317896.643	3406395.420	-2.743	267+16.15 R432.79
12158	317898.380	3406391.734	-2.740	267+16.15 R436.86
12159	317903.925	3406379.965	-2.904	267+16.15 R449.87
12160	317904.287	3406379.197	-2.763	267+16.15 R450.72
12161	317914.918	3406356.631	-2.884	267+16.15 R475.66
12162	317918.760	3406348.476	-2.805	267+16.15 R484.68
12163	317919.827	3406346.210	-2.916	267+16.15 R487.18
12164	317922.169	3406341.241	-2.357	267+16.15 R492.68
12165	317523.657	3406790.253	-0.892	268+41.75 L94.04
12166	317545.095	3406773.983	1.352	268+41.75 L67.13
12167	317572.908	3406752.875	0.721	268+41.75 L32.22
12168	317575.378	3406751.000	1.535	268+41.75 L29.11
12169	317585.425	3406743.376	3.543	268+41.75 L16.50
12170	317592.426	3406738.063	5.252	268+41.75 L7.71
12171	317597.561	3406734.165	5.998	268+41.75 L1.27
12172	317599.599	3406732.619	6.125	268+41.75 R1.29
12173	317602.444	3406730.460	5.981	268+41.75 R4.86
12174	317603.576	3406729.601	6.160	268+41.75 R6.28
12175	317609.867	3406724.826	4.116	268+41.75 R14.18
12176	317617.009	3406719.406	2.395	268+41.75 R23.15
12177	317619.885	3406717.224	0.263	268+41.75 R26.76
12178	317626.284	3406712.367	0.204	268+41.75 R34.79
12179	317641.608	3406700.737	1.991	268+41.75 R54.03
12180	317645.667	3406697.657	0.597	268+41.75 R59.12
12181	317655.533	3406690.169	0.467	268+41.75 R71.51
12182	317664.412	3406683.430	-4.796	268+41.75 R82.66
12183	317674.812	3406675.538	-5.982	268+41.75 R95.71
12184	317686.666	3406666.542	-5.799	268+41.75 R110.59
12185	317699.913	3406656.489	-5.866	268+41.75 R127.22
12186	317720.618	3406640.775	-4.525	268+41.75 R153.22
12187	317734.323	3406630.374	-5.407	268+41.75 R170.42
12188	317748.484	3406619.627	-6.008	268+41.75 R188.20
12189	317762.384	3406609.078	-6.347	268+41.75 R205.65
12190	317773.955	3406600.296	-3.868	268+41.75 R220.17

12191	317775.684	3406598.984	-3.527	268+41.75 R222.34
12192	317786.504	3406590.773	-2.750	268+41.75 R235.93
12193	317789.136	3406588.775	-2.809	268+41.75 R239.23
12194	317798.664	3406581.544	-3.330	268+41.75 R251.19
12195	317801.706	3406579.235	-2.871	268+41.75 R255.01
12196	317810.792	3406572.340	-2.846	268+41.75 R266.42
12197	317813.395	3406570.364	-2.981	268+41.75 R269.69
12198	317816.352	3406568.120	-3.195	268+41.75 R273.40
12199	317822.788	3406563.235	-2.353	268+41.75 R281.48
12200	317824.589	3406561.869	-3.036	268+41.75 R283.74
12201	317828.512	3406558.892	-3.016	268+41.75 R288.66
12202	317832.802	3406555.636	-2.887	268+41.75 R294.05
12203	317834.524	3406554.329	-2.951	268+41.75 R296.21
12204	317839.429	3406550.607	-3.122	268+41.75 R302.37
12205	317840.981	3406549.429	-2.847	268+41.75 R304.32
12206	317846.045	3406545.585	-2.968	268+41.75 R310.67
12207	317854.841	3406538.910	-3.252	268+41.75 R321.72
12208	317868.569	3406528.492	-2.952	268+41.75 R338.95
12209	317881.808	3406518.444	-2.774	268+41.75 R355.57
12210	317894.788	3406508.594	-2.816	268+41.75 R371.86
12211	317907.965	3406498.593	-2.715	268+41.75 R388.41
12212	317918.190	3406490.833	-2.701	268+41.75 R401.24
12213	317921.879	3406488.034	-2.736	268+41.75 R405.87
12214	317924.249	3406486.235	-2.815	268+41.75 R408.85
12215	317930.224	3406481.700	-2.852	268+41.75 R416.35
12216	317941.267	3406473.319	-2.828	268+41.75 R430.21
12217	317942.073	3406472.708	-2.777	268+41.75 R431.22
12218	317949.471	3406467.093	-2.657	268+41.75 R440.51
12219	317956.797	3406461.533	-2.763	268+41.75 R449.71
12220	317963.774	3406456.239	-2.740	268+41.75 R458.47
12221	317965.153	3406455.192	-2.512	268+41.75 R460.20
12222	317972.018	3406449.982	-2.725	268+41.75 R468.82
12223	317978.345	3406445.180	-2.845	268+41.75 R476.76
12224	317989.661	3406436.593	-2.874	268+41.75 R490.97
12225	317996.622	3406431.309	-2.910	268+41.75 R499.70
12226	317399.568	3406615.832	-1.678	270+23.28 L93.27
12227	317409.712	3406612.760	-0.988	270+23.28 L82.67
12228	317423.588	3406608.557	-0.378	270+23.28 L68.17
12229	317423.920	3406608.457	-0.625	270+23.28 L67.82
12230	317457.891	3406598.169	0.807	270+23.28 L32.33
12231	317461.059	3406597.210	2.375	270+23.28 L29.02
12232	317475.105	3406592.956	4.725	270+23.28 L14.34
12233	317483.024	3406590.558	6.258	270+23.28 L6.07
12234	317488.434	3406588.920	6.671	270+23.28 L0.41
12235	317490.091	3406588.418	6.507	270+23.28 R1.32
12236	317496.619	3406586.441	6.129	270+23.28 R8.14
12237	317496.780	3406586.392	5.947	270+23.28 R8.31
12238	317502.461	3406584.672	4.762	270+23.28 R14.24
12239	317508.263	3406582.914	3.523	270+23.28 R20.31
12240	317510.946	3406582.102	1.167	270+23.28 R23.11
12241	317539.939	3406573.322	-0.064	270+23.28 R53.40

12242	317555.065	3406568.741	-1.981	270+23.28 R69.21
12243	317563.858	3406566.078	-4.111	270+23.28 R78.39
12244	317573.941	3406563.025	-5.692	270+23.28 R88.93
12245	317585.853	3406559.417	-5.434	270+23.28 R101.38
12246	317606.320	3406553.219	-4.264	270+23.28 R122.76
12247	317621.661	3406548.573	-4.765	270+23.28 R138.79
12248	317635.654	3406544.336	-3.054	270+23.28 R153.41
12249	317648.159	3406540.548	-2.225	270+23.28 R166.48
12250	317663.709	3406535.839	-2.349	270+23.28 R182.72
12251	317677.573	3406531.641	-2.588	270+23.28 R197.21
12252	317691.450	3406527.438	-2.720	270+23.28 R211.71
12253	317710.591	3406521.642	-2.757	270+23.28 R231.71
12254	317723.543	3406517.719	-2.343	270+23.28 R245.24
12255	317736.609	3406513.762	-2.833	270+23.28 R258.89
12256	317748.901	3406510.040	-2.736	270+23.28 R271.74
12257	317759.865	3406506.719	-2.857	270+23.28 R283.19
12258	317776.966	3406501.541	-2.899	270+23.28 R301.06
12259	317789.035	3406497.886	-2.827	270+23.28 R313.67
12260	317801.910	3406493.987	-2.826	270+23.28 R327.12
12261	317815.832	3406489.770	-2.751	270+23.28 R341.67
12262	317819.865	3406488.549	-3.014	270+23.28 R345.88
12263	317824.089	3406487.270	-3.290	270+23.28 R350.30
12264	317828.032	3406486.076	-2.790	270+23.28 R354.42
12265	317830.590	3406485.301	-3.020	270+23.28 R357.09
12266	317832.184	3406484.818	-2.802	270+23.28 R358.75
12267	317846.338	3406480.532	-2.738	270+23.28 R373.54
12268	317857.003	3406477.302	-2.962	270+23.28 R384.69
12269	317867.596	3406474.094	-2.745	270+23.28 R395.75
12270	317912.959	3406460.357	-2.736	270+23.28 R443.15
12271	317917.389	3406459.015	-2.827	270+23.28 R447.78
12272	317918.750	3406458.603	-2.852	270+23.28 R449.20
12273	317920.693	3406458.014	-2.792	270+23.28 R451.23
12274	317922.421	3406457.491	-2.756	270+23.28 R453.04
12275	317925.680	3406456.504	-2.828	270+23.28 R456.44
12276	317930.152	3406455.150	-2.728	270+23.28 R461.12
12277	317939.802	3406452.227	-2.908	270+23.28 R471.20
12278	317942.188	3406451.505	-2.623	270+23.28 R473.69
12279	317944.661	3406450.756	-2.657	270+23.28 R476.28
12280	317947.999	3406449.745	-2.763	270+23.28 R479.76
12281	317950.978	3406448.843	-2.740	270+23.28 R482.88
12282	317953.577	3406448.056	-2.512	270+23.28 R485.59
12283	317953.651	3406448.033	-2.832	270+23.28 R485.67
12284	317964.149	3406444.854	-2.725	270+23.28 R496.64
12285	317255.482	3406161.366	-1.615	275+00.00 L99.44
12286	317271.996	3406156.364	-1.695	275+00.00 L82.19
12287	317290.248	3406150.837	-0.251	275+00.00 L63.12
12288	317314.591	3406143.465	-0.198	275+00.00 L37.68
12289	317324.219	3406140.549	1.320	275+00.00 L27.62
12290	317336.029	3406136.973	3.354	275+00.00 L15.28
12291	317345.402	3406134.134	4.830	275+00.00 L5.49
12292	317350.501	3406132.590	5.427	275+00.00 L0.16

12293	317351.660	3406132.239	5.708	275+00.00 R1.05
12294	317358.962	3406130.028	5.169	275+00.00 R8.68
12295	317363.578	3406128.630	4.082	275+00.00 R13.50
12296	317368.964	3406126.999	2.812	275+00.00 R19.13
12297	317370.743	3406126.460	1.332	275+00.00 R20.99
12298	317399.626	3406117.713	0.015	275+00.00 R51.17
12299	317400.955	3406117.311	0.696	275+00.00 R52.55
12300	317412.282	3406113.880	-0.127	275+00.00 R64.39
12301	317423.097	3406110.605	-4.204	275+00.00 R75.69
12302	317435.892	3406106.731	-6.663	275+00.00 R89.06
12303	317450.460	3406102.319	-6.055	275+00.00 R104.28
12304	317466.798	3406097.371	-5.533	275+00.00 R121.35
12305	317482.844	3406092.512	-2.817	275+00.00 R138.12
12306	317498.442	3406087.788	-2.697	275+00.00 R154.41
12307	317513.688	3406083.171	-2.763	275+00.00 R170.34
12308	317529.370	3406078.422	-2.872	275+00.00 R186.73
12309	317545.167	3406073.637	-2.821	275+00.00 R203.23
12310	317560.532	3406068.984	-2.222	275+00.00 R219.29
12311	317583.225	3406062.112	-2.574	275+00.00 R243.00
12312	317585.643	3406061.380	-2.897	275+00.00 R245.53
12313	317598.408	3406057.514	-2.447	275+00.00 R258.86
12314	317598.436	3406057.505	-2.811	275+00.00 R258.89
12315	317609.610	3406054.122	-2.678	275+00.00 R270.57
12316	317613.752	3406052.867	-2.476	275+00.00 R274.90
12317	317621.489	3406050.524	-2.551	275+00.00 R282.98
12318	317629.058	3406048.232	-2.528	275+00.00 R290.89
12319	317635.573	3406046.259	-2.606	275+00.00 R297.69
12320	317644.325	3406043.609	-2.605	275+00.00 R306.84
12321	317651.094	3406041.559	-2.794	275+00.00 R313.91
12322	317667.609	3406036.557	-2.628	275+00.00 R331.17
12323	317667.699	3406036.530	-2.663	275+00.00 R331.26
12324	317683.370	3406031.784	-2.672	275+00.00 R347.64
12325	317684.744	3406031.368	-2.774	275+00.00 R349.07
12326	317699.295	3406026.962	-2.924	275+00.00 R364.27
12327	317701.589	3406026.267	-2.890	275+00.00 R366.67
12328	317715.141	3406022.163	-2.856	275+00.00 R380.83
12329	317718.128	3406021.258	-2.916	275+00.00 R383.95
12330	317730.767	3406017.430	-2.676	275+00.00 R397.16
12331	317742.837	3406013.775	-2.666	275+00.00 R409.77
12332	317746.159	3406012.769	-2.687	275+00.00 R413.24
12333	317750.623	3406011.417	-2.691	275+00.00 R417.90
12334	317758.925	3406008.903	-2.427	275+00.00 R426.58
12335	317761.247	3406008.200	-2.778	275+00.00 R429.01
12336	317766.007	3406006.759	-2.905	275+00.00 R433.98
12337	317774.690	3406004.129	-2.693	275+00.00 R443.05
12338	317783.775	3406001.378	-2.809	275+00.00 R452.54
12339	317790.174	3405999.440	-2.908	275+00.00 R459.23
12340	317805.076	3405994.927	-2.997	275+00.00 R474.80
12341	317814.910	3405991.949	-2.774	275+00.00 R485.07
12342	317820.987	3405990.108	-2.834	275+00.00 R491.42
12343	317248.530	3406108.268	-1.830	275+41.36 L91.43

12344	317260.101	3406106.303	-1.618	275+41.36 L79.69
12345	317278.657	3406103.152	-0.942	275+41.36 L60.87
12346	317304.900	3406098.695	0.390	275+41.36 L34.25
12347	317306.824	3406098.368	0.267	275+41.36 L32.30
12348	317323.467	3406095.542	3.004	275+41.36 L15.42
12349	317333.457	3406093.845	5.055	275+41.36 L5.29
12350	317337.774	3406093.112	5.459	275+41.36 L0.91
12351	317341.896	3406092.412	5.463	275+41.36 R3.27
12352	317342.665	3406092.282	5.708	275+41.36 R4.05
12353	317347.650	3406091.435	5.161	275+41.36 R9.11
12354	317356.003	3406090.017	3.384	275+41.36 R17.58
12355	317359.278	3406089.460	2.718	275+41.36 R20.90
12356	317361.169	3406089.139	1.323	275+41.36 R22.82
12357	317385.573	3406084.995	0.317	275+41.36 R47.57
12358	317386.166	3406084.894	0.069	275+41.36 R48.18
12359	317387.822	3406084.613	-0.168	275+41.36 R49.86
12360	317397.601	3406082.952	-0.365	275+41.36 R59.78
12361	317402.145	3406082.181	-1.813	275+41.36 R64.38
12362	317406.682	3406081.410	-3.330	275+41.36 R68.99
12363	317412.104	3406080.489	-1.895	275+41.36 R74.49
12364	317445.767	3406074.773	-6.055	275+41.36 R108.63
12365	317462.318	3406071.962	-5.533	275+41.36 R125.42
12366	317478.676	3406069.184	-2.817	275+41.36 R142.01
12367	317494.594	3406066.481	-2.697	275+41.36 R158.16
12368	317510.030	3406063.859	-2.763	275+41.36 R173.81
12369	317526.040	3406061.140	-2.872	275+41.36 R190.05
12370	317542.319	3406058.376	-2.821	275+41.36 R206.57
12371	317558.175	3406055.683	-2.222	275+41.36 R222.65
12372	317581.276	3406051.760	-2.574	275+41.36 R246.08
12373	317596.608	3406049.156	-2.447	275+41.36 R261.63
12374	317598.513	3406048.833	-2.811	275+41.36 R263.56
12375	317608.518	3406047.134	-2.678	275+41.36 R273.71
12376	317612.115	3406046.523	-2.476	275+41.36 R277.36
12377	317619.271	3406045.308	-2.551	275+41.36 R284.62
12378	317627.579	3406043.897	-2.528	275+41.36 R293.05
12379	317632.520	3406043.058	-2.606	275+41.36 R298.06
12380	317643.016	3406041.275	-2.605	275+41.36 R308.70
12381	317647.577	3406040.501	-2.794	275+41.36 R313.33
12382	317664.151	3406037.686	-2.663	275+41.36 R330.14
12383	317666.682	3406037.256	-2.628	275+41.36 R332.71
12384	317682.744	3406034.528	-2.672	275+41.36 R349.00
12385	317699.011	3406031.766	-2.924	275+41.36 R365.50
12386	317715.250	3406029.008	-2.856	275+41.36 R381.97
12387	317731.287	3406026.285	-2.676	275+41.36 R398.24
12388	317747.027	3406023.612	-2.687	275+41.36 R414.20
12389	317754.077	3406022.415	-2.691	275+41.36 R421.35
12390	317762.291	3406021.020	-2.778	275+41.36 R429.69
12391	317769.950	3406019.719	-2.905	275+41.36 R437.46
12392	317784.922	3406017.176	-2.809	275+41.36 R452.64
12393	317794.970	3406015.470	-2.908	275+41.36 R462.83
12394	317810.540	3406012.826	-2.997	275+41.36 R478.63

12395	317827.002	3406010.030	-2.834	275+41.36 R495.32
12396	317219.431	3405928.854	-1.816	277+05.79 L91.73
12397	317238.856	3405929.277	0.050	277+05.79 L72.30
12398	317277.074	3405930.109	0.370	277+05.79 L34.07
12399	317281.672	3405930.209	1.478	277+05.79 L29.48
12400	317297.854	3405930.561	3.467	277+05.79 L13.29
12401	317308.705	3405930.797	5.395	277+05.79 L2.44
12402	317311.973	3405930.868	5.245	277+05.79 R0.83
12403	317315.799	3405930.951	5.864	277+05.79 R4.66
12404	317316.444	3405930.966	5.356	277+05.79 R5.31
12405	317320.655	3405931.057	4.890	277+05.79 R9.52
12406	317329.334	3405931.246	3.661	277+05.79 R18.20
12407	317336.192	3405931.395	2.278	277+05.79 R25.06
12408	317338.683	3405931.449	0.889	277+05.79 R27.55
12409	317361.615	3405931.948	0.061	277+05.79 R50.49
12410	317363.853	3405931.997	1.246	277+05.79 R52.73
12411	317368.750	3405932.104	0.178	277+05.79 R57.62
12412	317370.231	3405932.136	-0.222	277+05.79 R59.11
12413	317380.190	3405932.353	-2.677	277+05.79 R69.07
12414	317393.774	3405932.648	-6.134	277+05.79 R82.65
12415	317407.405	3405932.945	-6.704	277+05.79 R96.29
12416	317422.310	3405933.269	-6.985	277+05.79 R111.20
12417	317445.491	3405933.774	-3.584	277+05.79 R134.38
12418	317460.810	3405934.107	-2.669	277+05.79 R149.71
12419	317483.660	3405934.604	-2.737	277+05.79 R172.56
12420	317498.846	3405934.935	-2.855	277+05.79 R187.75
12421	317513.650	3405935.257	-2.899	277+05.79 R202.56
12422	317528.911	3405935.589	-2.269	277+05.79 R217.82
12423	317544.229	3405935.922	-2.890	277+05.79 R233.14
12424	317557.957	3405936.221	-2.622	277+05.79 R246.88
12425	317579.955	3405936.700	-2.591	277+05.79 R268.88
12426	317594.994	3405937.027	-2.601	277+05.79 R283.92
12427	317610.166	3405937.357	-2.835	277+05.79 R299.10
12428	317626.290	3405937.708	-2.837	277+05.79 R315.23
12429	317641.144	3405938.031	-2.805	277+05.79 R330.08
12430	317655.783	3405938.350	-2.774	277+05.79 R344.73
12431	317670.931	3405938.679	-2.632	277+05.79 R359.88
12432	317684.580	3405938.976	-2.685	277+05.79 R373.53
12433	317705.886	3405939.440	-2.836	277+05.79 R394.84
12434	317720.585	3405939.760	-2.731	277+05.79 R409.54
12435	317734.119	3405940.054	-2.818	277+05.79 R423.08
12436	317747.679	3405940.349	-2.300	277+05.79 R436.64
12437	317753.323	3405940.472	-2.902	277+05.79 R442.29
12438	317761.813	3405940.657	-2.943	277+05.79 R450.78
12439	317767.398	3405940.778	-2.732	277+05.79 R456.37
12440	317776.168	3405940.969	-2.835	277+05.79 R465.14
12441	317781.322	3405941.081	-2.820	277+05.79 R470.29
12442	317783.140	3405941.121	-2.923	277+05.79 R472.11
12443	317791.110	3405941.294	-2.772	277+05.79 R480.08
12444	317795.241	3405941.384	-2.685	277+05.79 R484.22
12445	317798.796	3405941.462	-2.896	277+05.79 R487.77

12446	317804.635	3405941.589	-2.323	277+05.79 R493.61
12447	317808.369	3405941.670	-2.774	277+05.79 R497.35
12448	317226.449	3405637.780	-1.466	279+82.04 L92.26
12449	317242.927	3405640.847	-1.530	279+82.04 L75.50
12450	317258.392	3405643.725	-0.253	279+82.04 L59.77
12451	317283.102	3405648.324	-0.292	279+82.04 L34.63
12452	317287.901	3405649.217	1.195	279+82.04 L29.75
12453	317302.291	3405651.895	3.324	279+82.04 L15.11
12454	317311.393	3405653.589	4.535	279+82.04 L5.86
12455	317317.395	3405654.706	5.322	279+82.04 R0.25
12456	317318.312	3405654.877	5.248	279+82.04 R1.18
12457	317320.926	3405655.363	5.599	279+82.04 R3.84
12458	317325.004	3405656.122	5.641	279+82.04 R7.99
12459	317333.569	3405657.716	3.800	279+82.04 R16.70
12460	317344.069	3405659.670	1.870	279+82.04 R27.38
12461	317346.653	3405660.151	0.657	279+82.04 R30.01
12462	317353.232	3405661.376	-0.057	279+82.04 R36.70
12463	317372.641	3405664.988	-0.162	279+82.04 R56.44
12464	317382.816	3405666.882	-0.486	279+82.04 R66.79
12465	317393.029	3405668.783	-3.343	279+82.04 R77.18
12466	317405.736	3405671.147	-6.088	279+82.04 R90.11
12467	317419.536	3405673.716	-6.025	279+82.04 R104.14
12468	317436.630	3405676.897	-6.084	279+82.04 R121.53
12469	317451.566	3405679.677	-2.287	279+82.04 R136.72
12470	317466.606	3405682.476	-2.723	279+82.04 R152.02
12471	317482.335	3405685.404	-2.418	279+82.04 R168.02
12472	317498.567	3405688.424	-2.703	279+82.04 R184.53
12473	317513.805	3405691.261	-2.798	279+82.04 R200.03
12474	317530.777	3405694.419	-2.845	279+82.04 R217.30
12475	317545.356	3405697.133	-2.865	279+82.04 R232.13
12476	317562.695	3405700.360	-2.875	279+82.04 R249.76
12477	317577.446	3405703.105	-2.751	279+82.04 R264.77
12478	317605.801	3405708.382	-2.886	279+82.04 R293.61
12479	317619.170	3405710.870	-2.299	279+82.04 R307.21
12480	317634.906	3405713.799	-2.771	279+82.04 R323.21
12481	317650.268	3405716.658	-2.809	279+82.04 R338.84
12482	317666.924	3405719.758	-2.740	279+82.04 R355.78
12483	317689.869	3405724.028	-2.798	279+82.04 R379.12
12484	317704.871	3405726.820	-2.739	279+82.04 R394.38
12485	317717.997	3405729.263	-2.928	279+82.04 R407.73
12486	317733.475	3405732.144	-3.115	279+82.04 R423.47
12487	317748.865	3405735.008	-2.785	279+82.04 R439.13
12488	317762.547	3405737.555	-3.057	279+82.04 R453.05
12489	317777.639	3405740.363	-2.851	279+82.04 R468.40
12490	317793.173	3405743.254	-2.978	279+82.04 R484.20
12491	317281.218	3405372.569	0.485	282+84.99 L92.71
12492	317301.625	3405369.053	0.485	282+84.99 L72.00
12493	317333.846	3405363.503	1.140	282+84.99 L39.31
12494	317339.536	3405362.522	2.121	282+84.99 L33.53
12495	317354.023	3405360.027	3.871	282+84.99 L18.83
12496	317364.979	3405358.139	5.496	282+84.99 L7.71

12497	317366.035	3405357.957	5.447	282+84.99 L6.64
12498	317372.010	3405356.928	5.534	282+84.99 L0.58
12499	317373.133	3405356.734	5.700	282+84.99 R0.56
12500	317377.016	3405356.066	5.848	282+84.99 R4.50
12501	317385.833	3405354.547	3.757	282+84.99 R13.45
12502	317394.705	3405353.018	2.019	282+84.99 R22.45
12503	317399.610	3405352.173	0.775	282+84.99 R27.43
12504	317406.169	3405351.043	0.173	282+84.99 R34.08
12505	317421.683	3405348.371	-0.071	282+84.99 R49.83
12506	317433.452	3405346.343	-0.185	282+84.99 R61.77
12507	317443.288	3405344.649	-3.106	282+84.99 R71.75
12508	317455.197	3405342.597	-6.432	282+84.99 R83.83
12509	317468.980	3405340.223	-6.304	282+84.99 R97.82
12510	317481.956	3405337.987	-5.801	282+84.99 R110.99
12511	317496.482	3405335.485	-5.732	282+84.99 R125.73
12512	317511.652	3405332.871	-3.040	282+84.99 R141.12
12513	317526.429	3405330.326	-2.941	282+84.99 R156.12
12514	317542.464	3405327.563	-3.308	282+84.99 R172.39
12515	317559.118	3405324.694	-3.055	282+84.99 R189.29
12516	317585.063	3405320.225	-2.904	282+84.99 R215.61
12517	317603.271	3405317.088	-3.102	282+84.99 R234.09
12518	317619.567	3405314.281	-2.970	282+84.99 R250.63
12519	317638.088	3405311.090	-2.738	282+84.99 R269.42
12520	317656.530	3405307.913	-2.876	282+84.99 R288.13
12521	317675.985	3405304.562	-2.522	282+84.99 R307.87
12522	317702.135	3405300.057	-2.749	282+84.99 R334.41
12523	317720.709	3405296.857	-2.988	282+84.99 R353.26
12524	317738.471	3405293.797	-2.536	282+84.99 R371.28
12525	317756.108	3405290.758	-2.791	282+84.99 R389.18
12526	317773.911	3405287.691	-2.679	282+84.99 R407.24
12527	317791.195	3405284.714	-2.753	282+84.99 R424.78
12528	317808.260	3405281.774	-2.935	282+84.99 R442.10
12529	317827.151	3405278.520	-3.121	282+84.99 R461.27
12530	317845.313	3405275.391	-2.974	282+84.99 R479.70
12531	317862.765	3405272.384	-2.895	282+84.99 R497.41
12532	317263.550	3405239.849	0.605	284+53.04 L94.05
12533	317275.106	3405232.868	0.902	284+53.04 L80.55
12534	317314.461	3405209.095	0.738	284+53.04 L34.57
12535	317318.379	3405206.727	2.110	284+53.04 L29.99
12536	317329.766	3405199.849	3.364	284+53.04 L16.69
12537	317337.536	3405195.155	5.962	284+53.04 L7.61
12538	317339.104	3405194.208	5.308	284+53.04 L5.78
12539	317340.513	3405193.357	5.909	284+53.04 L4.13
12540	317343.403	3405191.611	5.846	284+53.04 L0.76
12541	317344.304	3405191.067	5.651	284+53.04 R0.30
12542	317348.990	3405188.236	5.489	284+53.04 R5.77
12543	317356.122	3405183.927	4.137	284+53.04 R14.10
12544	317361.069	3405180.939	2.908	284+53.04 R19.88
12545	317362.502	3405180.074	0.895	284+53.04 R21.56
12546	317378.214	3405170.583	0.137	284+53.04 R39.91
12547	317384.334	3405166.885	-0.273	284+53.04 R47.06

12548	317391.527	3405162.540	-0.530	284+53.04 R55.47
12549	317400.003	3405157.420	-6.593	284+53.04 R65.37
12550	317409.569	3405151.641	-6.693	284+53.04 R76.55
12551	317421.036	3405144.714	-6.961	284+53.04 R89.94
12552	317433.670	3405137.082	-5.958	284+53.04 R104.70
12553	317447.653	3405128.635	-4.864	284+53.04 R121.04
12554	317461.585	3405120.219	-2.763	284+53.04 R137.32
12555	317476.330	3405111.312	-3.036	284+53.04 R154.54
12556	317488.707	3405103.835	-2.957	284+53.04 R169.00
12557	317501.594	3405096.050	-2.641	284+53.04 R184.06
12558	317514.557	3405088.219	-2.860	284+53.04 R199.20
12559	317527.687	3405080.288	-2.849	284+53.04 R214.54
12560	317540.516	3405072.538	-2.902	284+53.04 R229.53
12561	317560.881	3405060.236	-2.640	284+53.04 R253.32
12562	317573.583	3405052.563	-2.592	284+53.04 R268.16
12563	317586.215	3405044.932	-2.541	284+53.04 R282.92
12564	317599.095	3405037.151	-2.573	284+53.04 R297.97
12565	317612.570	3405029.011	-2.325	284+53.04 R313.71
12566	317626.471	3405020.614	-2.609	284+53.04 R329.95
12567	317640.277	3405012.274	-2.792	284+53.04 R346.08
12568	317654.081	3405003.935	-2.239	284+53.04 R362.21
12569	317673.204	3404992.383	-2.846	284+53.04 R384.55
12570	317687.524	3404983.733	-2.768	284+53.04 R401.28
12571	317700.916	3404975.643	-2.754	284+53.04 R416.93
12572	317713.930	3404967.781	-2.816	284+53.04 R432.13
12573	317726.777	3404960.020	-3.264	284+53.04 R447.14
12574	317739.802	3404952.152	-2.842	284+53.04 R462.36
12575	317752.252	3404944.632	-2.250	284+53.04 R476.90
12576	317762.754	3404938.287	-2.813	284+53.04 R489.17
12577	317161.782	3405037.383	1.704	286+85.83 L76.78
12578	317190.019	3405016.662	1.510	286+85.83 L41.75
12579	317207.011	3405004.193	3.961	286+85.83 L20.68
12580	317215.818	3404997.730	5.473	286+85.83 L9.75
12581	317222.121	3404993.104	5.724	286+85.83 L1.93
12582	317222.760	3404992.635	5.931	286+85.83 L1.14
12583	317225.240	3404990.815	5.877	286+85.83 R1.94
12584	317231.558	3404986.179	5.064	286+85.83 R9.77
12585	317237.874	3404981.545	3.692	286+85.83 R17.61
12586	317240.779	3404979.412	1.306	286+85.83 R21.21
12587	317254.715	3404969.185	0.120	286+85.83 R38.50
12588	317264.114	3404962.288	-0.145	286+85.83 R50.15
12589	317272.239	3404956.326	-0.445	286+85.83 R60.23
12590	317279.965	3404950.656	-3.955	286+85.83 R69.81
12591	317290.007	3404943.287	-6.943	286+85.83 R82.27
12592	317301.310	3404934.993	-6.551	286+85.83 R96.29
12593	317313.713	3404925.891	-6.123	286+85.83 R111.67
12594	317333.945	3404911.044	-4.470	286+85.83 R136.77
12595	317347.229	3404901.296	-2.669	286+85.83 R153.25
12596	317360.609	3404891.477	-2.734	286+85.83 R169.84
12597	317380.600	3404876.807	-2.791	286+85.83 R194.64
12598	317393.938	3404867.019	-2.400	286+85.83 R211.18

12599	317407.264	3404857.240	-2.699	286+85.83 R227.71
12600	317420.387	3404847.610	-2.698	286+85.83 R243.99
12601	317433.415	3404838.049	-2.615	286+85.83 R260.15
12602	317446.513	3404828.438	-2.725	286+85.83 R276.40
12603	317459.206	3404819.123	-2.553	286+85.83 R292.14
12604	317471.609	3404810.021	-2.512	286+85.83 R307.52
12605	317483.936	3404800.975	-2.500	286+85.83 R322.81
12606	317495.753	3404792.303	-2.503	286+85.83 R337.47
12607	317506.040	3404784.755	-2.725	286+85.83 R350.23
12608	317506.856	3404784.156	-2.454	286+85.83 R351.24
12609	317517.748	3404776.163	-2.507	286+85.83 R364.75
12610	317518.344	3404775.725	-2.679	286+85.83 R365.49
12611	317530.818	3404766.572	-2.698	286+85.83 R380.96
12612	317543.362	3404757.367	-2.688	286+85.83 R396.52
12613	317557.494	3404746.996	-2.539	286+85.83 R414.05
12614	317570.638	3404737.350	-2.774	286+85.83 R430.36
12615	317580.472	3404730.134	-2.655	286+85.83 R442.55
12616	317589.118	3404723.789	-2.725	286+85.83 R453.28
12617	317601.664	3404714.583	-2.663	286+85.83 R468.84
12618	317612.609	3404706.551	-2.682	286+85.83 R482.42
12619	317073.791	3404921.938	0.287	288+59.05 L84.24
12620	317084.228	3404906.609	1.210	288+59.05 L65.69
12621	317095.637	3404889.853	1.502	288+59.05 L45.42
12622	317100.742	3404882.356	1.649	288+59.05 L36.35
12623	317107.996	3404871.701	3.075	288+59.05 L23.46
12624	317114.133	3404862.688	4.727	288+59.05 L12.56
12625	317115.437	3404860.773	5.302	288+59.05 L10.24
12626	317117.733	3404857.402	5.123	288+59.05 L6.16
12627	317119.160	3404855.305	5.205	288+59.05 L3.62
12628	317120.598	3404853.193	5.521	288+59.05 L1.07
12629	317123.692	3404848.649	5.185	288+59.05 R4.43
12630	317126.695	3404844.239	4.203	288+59.05 R9.76
12631	317129.623	3404839.939	3.365	288+59.05 R14.97
12632	317130.462	3404838.707	1.399	288+59.05 R16.46
12633	317138.555	3404826.821	0.062	288+59.05 R30.84
12634	317142.774	3404820.624	-0.246	288+59.05 R38.33
12635	317145.096	3404817.214	-0.158	288+59.05 R42.46
12636	317150.183	3404809.743	-0.590	288+59.05 R51.50
12637	317154.943	3404802.752	-3.822	288+59.05 R59.96
12638	317161.296	3404793.421	-6.384	288+59.05 R71.24
12639	317173.074	3404776.123	-6.335	288+59.05 R92.17
12640	317181.771	3404763.350	-6.512	288+59.05 R107.62
12641	317191.564	3404748.967	-3.763	288+59.05 R125.02
12642	317200.768	3404735.450	-2.361	288+59.05 R141.38
12643	317209.044	3404723.295	-2.569	288+59.05 R156.08
12644	317222.372	3404703.720	-2.570	288+59.05 R179.76
12645	317229.106	3404693.830	-2.567	288+59.05 R191.73
12646	317236.483	3404682.995	-2.580	288+59.05 R204.84
12647	317245.223	3404670.160	-2.622	288+59.05 R220.36
12648	317254.619	3404656.360	-2.650	288+59.05 R237.06
12649	317264.227	3404642.249	-2.359	288+59.05 R254.13

12650	317273.969	3404627.941	-2.458	288+59.05 R271.44
12651	317283.586	3404613.817	-2.366	288+59.05 R288.53
12652	317293.299	3404599.552	-2.670	288+59.05 R305.79
12653	317302.958	3404585.366	-2.518	288+59.05 R322.95
12654	317312.458	3404571.413	-2.648	288+59.05 R339.83
12655	317321.865	3404557.598	-2.531	288+59.05 R356.54
12656	317331.153	3404543.956	-2.420	288+59.05 R373.05
12657	317340.361	3404530.433	-2.536	288+59.05 R389.41
12658	317349.644	3404516.798	-2.563	288+59.05 R405.90
12659	317358.944	3404503.140	-2.470	288+59.05 R422.42
12660	317368.347	3404489.331	-2.437	288+59.05 R439.13
12661	317377.701	3404475.592	-2.547	288+59.05 R455.75
12662	317386.906	3404462.074	-2.692	288+59.05 R472.11
12663	317396.001	3404448.715	-2.449	288+59.05 R488.27
12664	316925.377	3404828.156	-1.111	290+39.43 L90.38
12665	316934.958	3404812.291	-0.411	290+39.43 L71.85
12666	316951.257	3404785.302	1.063	290+39.43 L40.32
12667	316954.331	3404780.213	1.562	290+39.43 L34.37
12668	316963.255	3404765.436	3.543	290+39.43 L17.11
12669	316967.778	3404757.946	5.356	290+39.43 L8.36
12670	316971.341	3404752.047	5.798	290+39.43 L1.47
12671	316971.807	3404751.275	5.528	290+39.43 L0.57
12672	316973.277	3404748.842	5.661	290+39.43 R2.28
12673	316976.427	3404743.626	4.990	290+39.43 R8.37
12674	316978.202	3404740.686	4.465	290+39.43 R11.80
12675	316981.941	3404734.495	3.039	290+39.43 R19.04
12676	316983.951	3404731.168	1.235	290+39.43 R22.92
12677	316991.716	3404718.309	0.004	290+39.43 R37.95
12678	316995.985	3404711.241	-0.150	290+39.43 R46.20
12679	316998.801	3404706.578	-0.385	290+39.43 R51.65
12680	317000.343	3404704.026	-0.361	290+39.43 R54.63
12681	317000.457	3404703.836	-0.268	290+39.43 R54.85
12682	317004.584	3404697.003	-0.345	290+39.43 R62.84
12683	317009.154	3404689.436	-3.974	290+39.43 R71.68
12684	317013.622	3404682.037	-8.019	290+39.43 R80.32
12685	317018.901	3404673.297	-10.030	290+39.43 R90.53
12686	317024.334	3404664.300	-7.458	290+39.43 R101.04
12687	317032.026	3404651.563	-5.611	290+39.43 R115.92
12688	317037.737	3404642.107	-6.090	290+39.43 R126.97
12689	317043.626	3404632.357	-5.464	290+39.43 R138.36
12690	317050.198	3404621.474	-2.659	290+39.43 R151.07
12691	317057.050	3404610.128	-2.608	290+39.43 R164.32
12692	317064.505	3404597.784	-2.521	290+39.43 R178.74
12693	317072.102	3404585.205	-2.198	290+39.43 R193.44
12694	317079.557	3404572.861	-2.690	290+39.43 R207.86
12695	317086.992	3404560.549	-2.458	290+39.43 R222.24
12696	317094.506	3404548.108	-2.438	290+39.43 R236.78
12697	317102.048	3404535.620	-2.283	290+39.43 R251.37
12698	317103.846	3404532.643	-2.364	290+39.43 R254.84
12699	317109.407	3404523.434	-2.616	290+39.43 R265.60
12700	317110.349	3404521.875	-2.645	290+39.43 R267.42

12701	317116.513	3404511.668	-2.249	290+39.43 R279.35
12702	317117.321	3404510.330	-2.434	290+39.43 R280.91
12703	317124.308	3404498.761	-2.082	290+39.43 R294.43
12704	317125.063	3404497.510	-2.345	290+39.43 R295.89
12705	317131.132	3404487.462	-1.924	290+39.43 R307.62
12706	317131.974	3404486.068	-2.392	290+39.43 R309.25
12707	317137.856	3404476.328	-2.281	290+39.43 R320.63
12708	317138.456	3404475.334	-2.315	290+39.43 R321.79
12709	317144.319	3404465.626	-2.545	290+39.43 R333.13
12710	317144.342	3404465.588	-2.486	290+39.43 R333.18
12711	317150.402	3404455.554	-2.373	290+39.43 R344.90
12712	317150.578	3404455.262	-2.387	290+39.43 R345.24
12713	317155.789	3404446.634	-2.495	290+39.43 R355.32
12714	317162.537	3404435.460	-2.364	290+39.43 R368.37
12715	317169.766	3404423.490	-2.377	290+39.43 R382.36
12716	317177.379	3404410.885	-2.315	290+39.43 R397.08
12717	317185.081	3404398.131	-2.325	290+39.43 R411.98
12718	317192.610	3404385.665	-2.390	290+39.43 R426.55
12719	317203.745	3404367.227	-2.381	290+39.43 R448.09
12720	317209.037	3404358.464	-2.495	290+39.43 R458.32
12721	317215.964	3404346.995	-2.508	290+39.43 R471.72
12722	317222.403	3404336.334	-2.419	290+39.43 R484.18
12723	317230.376	3404323.131	-2.313	290+39.43 R499.60
12724	316707.951	3404691.008	-3.345	292+69.52 L89.53
12725	316715.550	3404684.317	-2.225	292+69.52 L79.40
12726	316737.090	3404665.348	0.469	292+69.52 L50.70
12727	316755.843	3404648.834	1.655	292+69.52 L25.71
12728	316763.881	3404641.755	2.847	292+69.52 L15.00
12729	316771.773	3404634.805	4.370	292+69.52 L4.49
12730	316774.087	3404632.767	5.346	292+69.52 L1.40
12731	316774.916	3404632.038	5.853	292+69.52 L0.30
12732	316776.172	3404630.931	5.687	292+69.52 R1.38
12733	316780.865	3404626.799	5.559	292+69.52 R7.63
12734	316782.477	3404625.379	5.433	292+69.52 R9.78
12735	316783.604	3404624.387	4.447	292+69.52 R11.28
12736	316787.083	3404621.323	3.350	292+69.52 R15.91
12737	316789.555	3404619.146	1.093	292+69.52 R19.21
12738	316800.939	3404609.121	-0.021	292+69.52 R34.38
12739	316810.445	3404600.750	-0.225	292+69.52 R47.04
12740	316819.954	3404592.376	-0.730	292+69.52 R59.71
12741	316828.704	3404584.671	-0.489	292+69.52 R71.37
12742	316839.316	3404575.325	-3.549	292+69.52 R85.51
12743	316849.739	3404566.147	-4.600	292+69.52 R99.40
12744	316865.735	3404552.060	-6.567	292+69.52 R120.72
12745	316874.069	3404544.722	-5.618	292+69.52 R131.82
12746	316876.785	3404542.329	-4.188	292+69.52 R135.44
12747	316887.510	3404532.885	-3.526	292+69.52 R149.73
12748	316897.779	3404523.841	-3.970	292+69.52 R163.41
12749	316908.514	3404514.388	-2.499	292+69.52 R177.72
12750	316919.134	3404505.036	-2.514	292+69.52 R191.87
12751	316930.020	3404495.450	-2.618	292+69.52 R206.37

12752	316940.910	3404485.859	-2.891	292+69.52 R220.89
12753	316957.156	3404471.553	-2.461	292+69.52 R242.53
12754	316957.539	3404471.216	-2.435	292+69.52 R243.04
12755	316966.663	3404463.182	-2.295	292+69.52 R255.20
12756	316969.146	3404460.995	-2.456	292+69.52 R258.51
12757	316975.257	3404455.613	-2.635	292+69.52 R266.65
12758	316979.963	3404451.469	-2.349	292+69.52 R272.92
12759	316983.864	3404448.033	-2.376	292+69.52 R278.12
12760	316991.522	3404441.290	-1.967	292+69.52 R288.32
12761	316992.074	3404440.804	-2.264	292+69.52 R289.06
12762	316999.556	3404434.215	-2.351	292+69.52 R299.03
12763	317003.372	3404430.855	-2.364	292+69.52 R304.11
12764	317007.444	3404427.269	-2.410	292+69.52 R309.54
12765	317014.844	3404420.752	-2.377	292+69.52 R319.40
12766	317015.704	3404419.994	-2.412	292+69.52 R320.55
12767	317025.531	3404411.341	-2.413	292+69.52 R333.64
12768	317035.013	3404402.991	-2.473	292+69.52 R346.27
12769	317044.130	3404394.963	-2.262	292+69.52 R358.42
12770	317065.452	3404376.186	-2.315	292+69.52 R386.83
12771	317067.864	3404374.062	-2.274	292+69.52 R390.05
12772	317069.570	3404372.560	-2.350	292+69.52 R392.32
12773	317072.610	3404369.882	-2.389	292+69.52 R396.37
12774	317076.831	3404366.165	-2.439	292+69.52 R402.00
12775	317123.441	3404325.120	-2.542	292+69.52 R464.10
12776	317130.726	3404318.704	-2.485	292+69.52 R473.81
12777	317137.262	3404312.949	-2.503	292+69.52 R482.52
12778	317144.590	3404306.495	-2.439	292+69.52 R492.28
12779	317147.349	3404304.066	-2.464	292+69.52 R495.96
12780	316520.611	3404466.891	-1.523	295+22.33 L90.89
12781	316532.767	3404463.447	-1.133	295+22.33 L78.26
12782	316551.920	3404458.019	-0.366	295+22.33 L58.35
12783	316572.883	3404452.078	0.181	295+22.33 L36.56
12784	316577.493	3404450.772	0.972	295+22.33 L31.77
12785	316593.555	3404446.220	2.972	295+22.33 L15.08
12786	316603.898	3404443.289	4.588	295+22.33 L4.33
12787	316607.879	3404442.161	5.042	295+22.33 L0.19
12788	316612.683	3404440.800	5.283	295+22.33 R4.81
12789	316616.078	3404439.837	5.367	295+22.33 R8.33
12790	316617.549	3404439.421	5.151	295+22.33 R9.86
12791	316621.560	3404438.284	4.381	295+22.33 R14.03
12792	316624.906	3404437.336	3.905	295+22.33 R17.51
12793	316629.497	3404436.035	3.105	295+22.33 R22.28
12794	316632.026	3404435.318	2.528	295+22.33 R24.91
12795	316632.553	3404435.169	2.404	295+22.33 R25.46
12796	316634.091	3404434.733	0.786	295+22.33 R27.06
12797	316634.092	3404434.733	0.817	295+22.33 R27.06
12798	316668.619	3404424.948	-0.347	295+22.33 R62.94
12799	316668.668	3404424.934	-0.351	295+22.33 R63.00
12800	316675.140	3404423.100	-0.919	295+22.33 R69.72
12801	316680.587	3404421.557	-2.923	295+22.33 R75.38
12802	316686.096	3404419.996	-5.135	295+22.33 R81.11

12803	316694.655	3404417.570	-7.853	295+22.33 R90.01
12804	316705.698	3404414.441	-8.881	295+22.33 R101.48
12805	316718.965	3404410.681	-6.482	295+22.33 R115.27
12806	316729.370	3404407.732	-5.047	295+22.33 R126.09
12807	316742.823	3404403.920	-3.931	295+22.33 R140.07
12808	316755.310	3404400.382	-3.472	295+22.33 R153.05
12809	316768.017	3404396.780	-2.420	295+22.33 R166.26
12810	316781.138	3404393.062	-2.512	295+22.33 R179.89
12811	316794.709	3404389.216	-2.379	295+22.33 R194.00
12812	316808.485	3404385.313	-2.879	295+22.33 R208.32
12813	316821.238	3404381.698	-2.440	295+22.33 R221.57
12814	316835.482	3404377.662	-2.492	295+22.33 R236.38
12815	316850.161	3404373.502	-2.371	295+22.33 R251.63
12816	316872.321	3404367.222	-2.159	295+22.33 R274.67
12817	316887.450	3404362.935	-2.163	295+22.33 R290.39
12818	316902.565	3404358.652	-2.246	295+22.33 R306.10
12819	316917.359	3404354.459	-2.434	295+22.33 R321.48
12820	316932.059	3404350.294	-2.461	295+22.33 R336.76
12821	316946.740	3404346.133	-2.492	295+22.33 R352.02
12822	316961.564	3404341.933	-2.410	295+22.33 R367.42
12823	316976.461	3404337.711	-2.372	295+22.33 R382.91
12824	316991.326	3404333.498	-2.364	295+22.33 R398.36
12825	317013.449	3404327.229	-2.297	295+22.33 R421.35
12826	317028.400	3404322.992	-2.319	295+22.33 R436.89
12827	317036.678	3404320.646	-2.390	295+22.33 R445.50
12828	317045.758	3404318.073	-2.450	295+22.33 R454.93
12829	317057.576	3404314.724	-2.439	295+22.33 R467.22
12830	317071.941	3404310.653	-2.468	295+22.33 R482.15
12831	317086.237	3404306.602	-2.374	295+22.33 R497.01
12832	316472.051	3404246.315	-1.200	297+19.18 L82.59
12833	316497.060	3404248.261	-0.316	297+19.18 L57.50
12834	316515.147	3404249.668	-0.026	297+19.18 L39.36
12835	316520.181	3404250.059	1.281	297+19.18 L34.31
12836	316536.072	3404251.295	3.340	297+19.18 L18.37
12837	316546.019	3404252.069	4.784	297+19.18 L8.40
12838	316554.237	3404252.709	5.623	297+19.18 L0.15
12839	316554.560	3404252.734	5.381	297+19.18 R0.17
12840	316560.656	3404253.208	5.251	297+19.18 R6.29
12841	316563.443	3404253.425	5.111	297+19.18 R9.08
12842	316569.204	3404253.873	4.177	297+19.18 R14.86
12843	316578.540	3404254.599	2.888	297+19.18 R24.22
12844	316581.682	3404254.844	0.670	297+19.18 R27.37
12845	316617.916	3404257.662	-0.438	297+19.18 R63.72
12846	316619.787	3404257.808	-0.447	297+19.18 R65.60
12847	316624.351	3404258.163	-0.664	297+19.18 R70.17
12848	316626.194	3404258.306	-0.404	297+19.18 R72.02
12849	316631.075	3404258.686	-3.639	297+19.18 R76.92
12850	316637.739	3404259.205	-8.134	297+19.18 R83.60
12851	316652.925	3404260.386	-8.423	297+19.18 R98.83
12852	316670.393	3404261.745	-7.077	297+19.18 R116.35
12853	316688.933	3404263.187	-2.843	297+19.18 R134.95

12854	316706.931	3404264.587	-2.632	297+19.18 R153.00
12855	316724.606	3404265.962	-2.697	297+19.18 R170.73
12856	316741.609	3404267.285	-2.694	297+19.18 R187.79
12857	316757.851	3404268.549	-2.639	297+19.18 R204.08
12858	316774.367	3404269.833	-2.507	297+19.18 R220.64
12859	316791.314	3404271.152	-2.308	297+19.18 R237.64
12860	316808.357	3404272.478	-2.290	297+19.18 R254.73
12861	316833.914	3404274.466	-2.157	297+19.18 R280.37
12862	316850.780	3404275.778	-2.253	297+19.18 R297.29
12863	316866.286	3404276.984	-2.158	297+19.18 R312.84
12864	316883.280	3404278.306	-2.371	297+19.18 R329.88
12865	316899.761	3404279.588	-2.267	297+19.18 R346.41
12866	316916.634	3404280.901	-1.781	297+19.18 R363.34
12867	316932.602	3404282.143	-2.451	297+19.18 R379.36
12868	316946.054	3404283.190	-2.330	297+19.18 R392.85
12869	316962.933	3404284.503	-2.418	297+19.18 R409.78
12870	316981.085	3404285.915	-2.470	297+19.18 R427.98
12871	317002.485	3404287.580	-2.443	297+19.18 R449.45
12872	317019.442	3404288.899	-2.511	297+19.18 R466.46
12873	317036.576	3404290.232	-2.430	297+19.18 R483.64
12874	317046.254	3404290.985	-2.450	297+19.18 R493.35
12875	316495.480	3403919.529	-0.273	300+29.14 L86.40
12876	316523.109	3403927.580	0.901	300+29.14 L57.62
12877	316536.183	3403931.390	0.364	300+29.14 L44.00
12878	316543.328	3403933.472	1.645	300+29.14 L36.56
12879	316560.644	3403938.517	3.661	300+29.14 L18.53
12880	316571.519	3403941.686	5.083	300+29.14 L7.20
12881	316578.430	3403943.700	5.699	300+29.14 R0.00
12882	316582.269	3403944.819	6.199	300+29.14 R4.00
12883	316583.473	3403945.170	5.589	300+29.14 R5.25
12884	316593.518	3403948.097	3.916	300+29.14 R15.72
12885	316602.094	3403950.596	2.520	300+29.14 R24.65
12886	316605.278	3403951.524	0.776	300+29.14 R27.97
12887	316630.530	3403958.882	-0.525	300+29.14 R54.27
12888	316635.685	3403960.384	-0.262	300+29.14 R59.64
12889	316639.901	3403961.612	-0.599	300+29.14 R64.03
12890	316645.752	3403963.317	-5.245	300+29.14 R70.12
12891	316652.475	3403965.276	-8.317	300+29.14 R77.12
12892	316660.530	3403967.623	-10.561	300+29.14 R85.52
12893	316670.171	3403970.433	-7.810	300+29.14 R95.56
12894	316682.849	3403974.127	-5.976	300+29.14 R108.76
12895	316691.804	3403976.736	-5.934	300+29.14 R118.09
12896	316702.074	3403979.729	-5.665	300+29.14 R128.79
12897	316712.482	3403982.762	-3.167	300+29.14 R139.63
12898	316723.909	3403986.091	-2.483	300+29.14 R151.53
12899	316735.783	3403989.551	-2.600	300+29.14 R163.90
12900	316746.867	3403992.781	-1.978	300+29.14 R175.44
12901	316757.751	3403995.953	-2.302	300+29.14 R186.78
12902	316771.999	3404000.104	-2.976	300+29.14 R201.62
12903	316780.534	3404002.591	-2.431	300+29.14 R210.51
12904	316784.504	3404003.748	-2.225	300+29.14 R214.65

12905	316789.813	3404005.295	-2.323	300+29.14 R220.17
12906	316796.224	3404007.163	-2.097	300+29.14 R226.85
12907	316803.856	3404009.387	-2.194	300+29.14 R234.80
12908	316809.048	3404010.900	-2.407	300+29.14 R240.21
12909	316812.890	3404012.020	-1.769	300+29.14 R244.21
12910	316813.515	3404012.202	-2.239	300+29.14 R244.86
12911	316822.631	3404014.858	-2.145	300+29.14 R254.36
12912	316832.656	3404017.779	-2.209	300+29.14 R264.80
12913	316842.786	3404020.731	-2.177	300+29.14 R275.35
12914	316852.993	3404023.705	-2.214	300+29.14 R285.98
12915	316863.288	3404026.705	-2.238	300+29.14 R296.71
12916	316873.513	3404029.685	-2.264	300+29.14 R307.36
12917	316883.566	3404032.614	-2.261	300+29.14 R317.83
12918	316893.611	3404035.541	-1.935	300+29.14 R328.29
12919	316903.689	3404038.478	-2.336	300+29.14 R338.79
12920	316914.324	3404041.577	-2.307	300+29.14 R349.86
12921	316923.375	3404044.214	-2.310	300+29.14 R359.29
12922	316930.475	3404046.283	-2.285	300+29.14 R366.69
12923	316938.833	3404048.718	-2.354	300+29.14 R375.39
12924	316946.047	3404050.821	-2.372	300+29.14 R382.91
12925	316955.350	3404053.531	-2.457	300+29.14 R392.60
12926	316972.422	3404058.506	-2.317	300+29.14 R410.38
12927	316979.904	3404060.686	-2.343	300+29.14 R418.17
12928	316988.763	3404063.268	-2.285	300+29.14 R427.40
12929	317000.411	3404066.662	-2.279	300+29.14 R439.53
12930	317011.009	3404069.750	-1.981	300+29.14 R450.57
12931	317022.091	3404072.979	-2.357	300+29.14 R462.11
12932	317035.313	3404076.832	-2.401	300+29.14 R475.89
12933	317048.379	3404080.639	-2.264	300+29.14 R489.49
12934	316577.466	3403609.210	0.338	303+50.00 L94.50
12935	316595.644	3403614.507	0.876	303+50.00 L75.57
12936	316619.489	3403621.455	0.864	303+50.00 L50.73
12937	316635.302	3403626.062	2.027	303+50.00 L34.26
12938	316648.635	3403629.947	4.172	303+50.00 L20.37
12939	316659.175	3403633.019	6.695	303+50.00 L9.39
12940	316667.318	3403635.392	6.601	303+50.00 L0.91
12941	316669.174	3403635.933	6.795	303+50.00 R1.02
12942	316672.587	3403636.927	6.600	303+50.00 R4.58
12943	316677.162	3403638.260	3.748	303+50.00 R9.34
12944	316682.216	3403639.733	1.812	303+50.00 R14.61
12945	316716.767	3403649.801	-0.017	303+50.00 R50.59
12946	316720.481	3403650.883	-0.075	303+50.00 R54.46
12947	316732.784	3403654.468	-0.368	303+50.00 R67.28
12948	316738.042	3403656.000	-1.564	303+50.00 R72.75
12949	316747.261	3403658.686	-4.233	303+50.00 R82.36
12950	316758.155	3403661.861	-4.424	303+50.00 R93.70
12951	316765.836	3403664.099	-3.008	303+50.00 R101.70
12952	316777.387	3403667.465	-2.762	303+50.00 R113.73
12953	316789.390	3403670.962	-3.015	303+50.00 R126.24
12954	316802.201	3403674.695	-3.015	303+50.00 R139.58
12955	316815.109	3403678.457	-2.487	303+50.00 R153.03

12956	316828.273	3403682.292	-2.484	303+50.00 R166.74
12957	316841.935	3403686.274	-2.368	303+50.00 R180.97
12958	316861.281	3403691.911	-3.837	303+50.00 R201.12
12959	316871.244	3403694.814	-3.702	303+50.00 R211.50
12960	316881.354	3403697.760	-2.427	303+50.00 R222.03
12961	316896.974	3403702.312	-2.515	303+50.00 R238.30
12962	316907.773	3403705.458	-2.646	303+50.00 R249.54
12963	316919.042	3403708.742	-2.702	303+50.00 R261.28
12964	316930.836	3403712.179	-2.755	303+50.00 R273.57
12965	316943.206	3403715.783	-2.841	303+50.00 R286.45
12966	316956.453	3403719.643	-3.010	303+50.00 R300.25
12967	316969.929	3403723.570	-4.769	303+50.00 R314.28
12968	316983.408	3403727.498	-5.216	303+50.00 R328.32
12969	316997.181	3403731.511	-4.664	303+50.00 R342.67
12970	317017.717	3403737.495	-5.044	303+50.00 R364.06
12971	317030.829	3403741.316	-5.568	303+50.00 R377.72
12972	317050.258	3403746.977	-5.556	303+50.00 R397.95
12973	317063.527	3403750.844	-5.065	303+50.00 R411.78
12974	317076.713	3403754.686	-3.932	303+50.00 R425.51
12975	317089.766	3403758.489	-3.247	303+50.00 R439.11
12976	317102.703	3403762.259	-3.291	303+50.00 R452.58
12977	317115.750	3403766.061	-3.522	303+50.00 R466.17
12978	317129.766	3403770.145	-3.110	303+50.00 R480.77
12979	317144.648	3403774.481	-2.455	303+50.00 R496.27
12980	316646.633	3403646.436	6.795	303+62.00 L33.44
12981	316650.164	3403643.276	2.027	303+62.00 L28.70
12982	316655.374	3403638.611	4.172	303+62.00 L21.71
12983	316660.305	3403634.197	6.695	303+62.00 L15.09
12984	316665.766	3403629.308	6.600	303+62.00 L7.76
12985	316667.764	3403627.519	3.748	303+62.00 L5.08
12986	316668.391	3403626.958	6.601	303+62.00 L4.24
12987	316669.889	3403625.617	1.812	303+62.00 L2.23
12988	316711.423	3403588.434	0.268	303+62.00 R53.52
12989	316720.197	3403580.580	-0.573	303+62.00 R65.29
12990	316728.590	3403573.066	-0.748	303+62.00 R76.56
12991	316738.202	3403564.461	-1.682	303+62.00 R89.46
12992	316746.328	3403557.186	-1.620	303+62.00 R100.37
12993	316755.468	3403549.004	-2.265	303+62.00 R112.63
12994	316762.142	3403543.029	-3.574	303+62.00 R121.59
12995	316769.203	3403536.708	-4.754	303+62.00 R131.07
12996	316779.824	3403527.199	-5.721	303+62.00 R145.32
12997	316790.397	3403517.734	-5.202	303+62.00 R159.51
12998	316800.994	3403508.247	-4.737	303+62.00 R173.74
12999	316811.585	3403498.766	-4.560	303+62.00 R187.95
13000	316825.779	3403486.059	-4.223	303+62.00 R207.00
13001	316913.563	3403407.472	-2.086	303+62.00 R324.83
13002	316929.250	3403393.429	-2.381	303+62.00 R345.88
13003	316939.795	3403383.988	-2.089	303+62.00 R360.03
13004	316951.347	3403373.647	-2.203	303+62.00 R375.54
13005	316962.944	3403363.264	-2.045	303+62.00 R391.10
13006	316974.096	3403353.281	-2.218	303+62.00 R406.07

13007	316985.060	3403343.466	-2.283	303+62.00 R420.79
13008	316996.318	3403333.387	-2.337	303+62.00 R435.90
13009	317007.825	3403323.085	-2.272	303+62.00 R451.34
13010	317019.289	3403312.822	-2.270	303+62.00 R466.73
13011	317030.753	3403302.559	-2.560	303+62.00 R482.12
13012	317042.146	3403292.360	-2.294	303+62.00 R497.41
13013	318238.851	3407480.739	2.429	R0.10 254+59.00 L41.19
13014	318222.531	3407464.989	5.651	L0.01 254+59.00 L18.51
13015	318215.958	3407458.645	7.068	R0.07 254+59.00 L9.37
13016	318211.056	3407453.914	7.898	L0.10 254+59.00 L2.56
13017	318206.222	3407449.249	7.569	R0.04 254+59.00 R4.16
13018	318188.862	3407432.495	4.374	R0.26 254+59.00 R28.28
13019	318177.956	3407421.969	2.703	L0.18 254+59.00 R43.44
13020	318171.631	3407415.864	1.081	R0.07 254+59.00 R52.23
13021	318164.614	3407409.092	-1.054	L0.12 254+59.00 R61.98
13022	318157.914	3407402.626	-2.280	R0.20 254+59.00 R71.29
13023	318150.845	3407395.804	-4.310	R0.27 254+59.00 R81.12
13024	318144.228	3407389.418	-4.369	R0.07 254+59.00 R90.31
13025	318140.533	3407385.851	-5.295	R0.83 254+59.00 R95.45
13026	318135.905	3407381.384	-5.183	R1.17 254+59.00 R101.88
13027	318127.787	3407373.550	-5.475	R0.97 254+59.00 R113.16
13028	318118.862	3407364.937	-5.662	R0.87 254+59.00 R125.57
13029	318110.016	3407356.399	-5.902	R0.20 254+59.00 R137.86
13030	318098.343	3407345.133	-5.735	L1.26 254+59.00 R154.08
13031	318094.924	3407341.834	-5.617	R3.32 254+59.00 R158.84
13032	318089.892	3407336.977	-5.787	L2.09 254+59.00 R165.83
13033	318079.868	3407327.303	-5.866	L3.10 254+59.00 R179.76
13034	318078.658	3407326.135	-5.945	L1.09 254+59.00 R181.44
13035	318069.309	3407317.112	-5.624	L3.38 254+59.00 R194.43
13036	318059.815	3407307.950	-4.892	L2.55 254+59.00 R207.63
13037	318051.264	3407299.696	-5.060	L1.19 254+59.00 R219.51
13038	318041.270	3407290.052	-5.792	R1.36 254+59.00 R233.40
13039	318234.526	3407494.632	2.145	R0.09 254+72.00 L47.73
13040	318229.823	3407490.093	2.472	R0.10 254+72.00 L41.19
13041	318222.935	3407483.445	3.957	L0.06 254+72.00 L31.62
13042	318213.795	3407474.625	5.886	R0.06 254+72.00 L18.91
13043	318213.503	3407474.343	5.931	L0.01 254+72.00 L18.51
13044	318206.930	3407467.999	7.034	R0.07 254+72.00 L9.37
13045	318206.230	3407467.323	7.127	R0.09 254+72.00 L8.40
13046	318202.028	3407463.268	7.660	L0.10 254+72.00 L2.56
13047	318201.086	3407462.359	7.613	R0.04 254+72.00 L1.25
13048	318197.194	3407458.603	7.145	R0.04 254+72.00 R4.16
13049	318189.896	3407451.559	5.639	R0.05 254+72.00 R14.30
13050	318181.951	3407443.891	4.333	L0.00 254+72.00 R25.34
13051	318179.835	3407441.849	3.952	R0.26 254+72.00 R28.28
13052	318168.929	3407431.323	2.236	L0.18 254+72.00 R43.44
13053	318166.785	3407429.254	1.735	L0.01 254+72.00 R46.42
13054	318162.603	3407425.218	0.656	R0.07 254+72.00 R52.23
13055	318155.586	3407418.446	-1.402	L0.12 254+72.00 R61.98
13056	318154.897	3407417.782	-1.542	L0.12 254+72.00 R62.94
13057	318148.886	3407411.980	-2.687	R0.20 254+72.00 R71.29

13058	318145.863	3407409.062	-3.496	L0.09 254+72.00 R75.50
13059	318141.817	3407405.158	-4.336	R0.27 254+72.00 R81.12
13060	318139.475	3407402.898	-4.341	R1.98 254+72.00 R84.37
13061	318136.024	3407399.566	-4.604	R0.00 254+72.00 R89.17
13062	318135.200	3407398.772	-4.604	R0.07 254+72.00 R90.31
13063	318131.919	3407395.605	-5.189	L2.99 254+72.00 R94.87
13064	318131.505	3407395.205	-5.267	R0.83 254+72.00 R95.45
13065	318126.877	3407390.739	-5.195	R1.17 254+72.00 R101.88
13066	318124.306	3407388.257	-5.269	L0.42 254+72.00 R105.46
13067	318118.759	3407382.904	-5.428	R0.97 254+72.00 R113.16
13068	318116.261	3407380.493	-5.472	R0.13 254+72.00 R116.64
13069	318109.834	3407374.291	-5.664	R0.87 254+72.00 R125.57
13070	318109.587	3407374.052	-5.672	L0.30 254+72.00 R125.91
13071	318100.988	3407365.753	-5.793	R0.20 254+72.00 R137.86
13072	318100.804	3407365.575	-5.790	L0.15 254+72.00 R138.12
13073	318094.293	3407359.291	-5.853	L0.14 254+72.00 R147.17
13074	318089.315	3407354.487	-5.815	L1.26 254+72.00 R154.08
13075	318086.730	3407351.993	-5.756	L0.09 254+72.00 R157.68
13076	318085.896	3407351.188	-5.741	R3.32 254+72.00 R158.84
13077	318080.864	3407346.331	-5.909	L2.09 254+72.00 R165.83
13078	318077.777	3407343.352	-5.953	L0.19 254+72.00 R170.12
13079	318070.841	3407336.657	-6.001	L3.10 254+72.00 R179.76
13080	318069.630	3407335.489	-6.061	L1.09 254+72.00 R181.44
13081	318069.092	3407334.970	-6.048	L0.12 254+72.00 R182.19
13082	318060.281	3407326.466	-5.803	L3.38 254+72.00 R194.43
13083	318059.741	3407325.945	-5.771	L0.05 254+72.00 R195.19
13084	318050.788	3407317.304	-5.150	L2.55 254+72.00 R207.63
13085	318048.987	3407315.566	-5.154	L0.43 254+72.00 R210.13
13086	318042.236	3407309.050	-5.139	L1.19 254+72.00 R219.51
13087	318041.459	3407308.301	-5.168	L0.11 254+72.00 R220.59
13088	318032.243	3407299.406	-5.728	R1.36 254+72.00 R233.40
13089	318031.866	3407299.043	-5.730	L0.30 254+72.00 R233.92
13090	318023.718	3407291.178	-6.142	R0.00 254+72.00 R245.25
13091	318016.857	3407284.557	-5.845	R0.15 254+72.00 R254.78
13092	318004.065	3407272.211	-6.012	L0.33 254+72.00 R272.56
13093	317996.263	3407264.681	-5.935	L0.01 254+72.00 R283.41
13094	317987.277	3407256.009	-6.051	R0.05 254+72.00 R295.89
13095	317986.980	3407255.722	-5.864	L3.20 254+72.00 R296.31
13096	318177.074	3407517.342	1.335	R0.09 255+09.00 L47.73
13097	318172.842	3407501.799	4.435	L0.06 255+09.00 L31.62
13098	318169.504	3407489.544	6.718	R0.06 255+09.00 L18.91
13099	318166.742	3407479.399	6.958	R0.09 255+09.00 L8.40
13100	318164.864	3407472.502	6.986	R0.04 255+09.00 L1.25
13101	318160.777	3407457.497	3.970	R0.05 255+09.00 R14.30
13102	318157.876	3407446.843	3.108	L0.00 255+09.00 R25.34
13103	318152.338	3407426.506	0.544	L0.01 255+09.00 R46.42
13104	318147.997	3407410.566	-2.573	L0.12 255+09.00 R62.94
13105	318144.698	3407398.451	-4.485	L0.09 255+09.00 R75.50
13106	318142.366	3407389.886	-4.369	R1.98 255+09.00 R84.37
13107	318141.105	3407385.257	-5.295	R0.00 255+09.00 R89.17
13108	318139.606	3407379.754	-5.183	L2.99 255+09.00 R94.87

13109	318136.826	3407369.545	-5.250	L0.42 255+09.00 R105.46
13110	318133.888	3407358.756	-5.314	R0.13 255+09.00 R116.64
13111	318131.451	3407349.807	-5.682	L0.30 255+09.00 R125.91
13112	318128.244	3407338.030	-5.479	L0.15 255+09.00 R138.12
13113	318125.867	3407329.299	-5.987	L0.14 255+09.00 R147.17
13114	318123.105	3407319.158	-6.069	L0.09 255+09.00 R157.68
13115	318119.836	3407307.153	-6.355	L0.19 255+09.00 R170.12
13116	318116.664	3407295.507	-6.394	L0.12 255+09.00 R182.19
13117	318113.250	3407282.967	-6.309	L0.05 255+09.00 R195.19
13118	318109.323	3407268.547	-5.800	L0.43 255+09.00 R210.13
13119	318106.574	3407258.453	-5.315	L0.11 255+09.00 R220.59
13120	318103.071	3407245.589	-5.554	L0.30 255+09.00 R233.92
13121	318100.095	3407234.662	-7.139	R0.00 255+09.00 R245.25
13122	318097.590	3407225.462	-5.994	R0.15 255+09.00 R254.78
13123	318092.919	3407208.309	-6.640	L0.33 255+09.00 R272.56
13124	318090.070	3407197.847	-6.342	L0.01 255+09.00 R283.41
13125	318086.789	3407185.798	-6.788	R0.05 255+09.00 R295.89
13126	318086.680	3407185.399	-6.069	L3.20 255+09.00 R296.31
13127	318120.113	3407504.625	-1.944	1001 L0.00 255+51.00 L33.79
13128	318120.775	3407496.845	0.350	1001 L0.30 255+51.00 L25.98
13129	318121.176	3407492.136	0.150	1001 L0.35 255+51.00 L21.26
13130	318121.596	3407487.201	0.052	1001 R0.00 255+51.00 L16.30
13131	318121.962	3407482.892	-0.020	1001 R0.00 255+51.00 L11.98
13132	318122.494	3407476.644	0.080	1001 L0.33 255+51.00 L5.71
13133	318122.978	3407470.955	0.350	1001 L0.00 255+51.00 R0.00
13134	318123.235	3407467.931	0.746	1001 L0.00 255+51.00 R3.04
13135	318123.863	3407460.559	0.531	R4.83 255+51.00 R10.43
13136	318123.891	3407460.220	0.191	1001 L0.00 255+51.00 R10.77
13137	318124.778	3407449.803	-3.238	R4.42 255+51.00 R21.23
13138	318131.304	3407373.097	-5.475	L2.86 255+51.00 R98.21
13139	318131.632	3407369.246	-5.250	R4.81 255+51.00 R102.08
13140	318132.538	3407358.596	-5.314	R1.48 255+51.00 R112.77
13141	318133.264	3407350.065	-5.682	L2.11 255+51.00 R121.33
13142	315728.314	3399597.686	-0.500	1001 L0.1406 105+86.21 L99.06
13143	315696.876	3399613.160	0.474	1001 R0.0803 105+86.21 L64.02
13144	315693.839	3399614.655	0.700	1001 L0.0456 105+86.21 L60.63
13145	315678.025	3399622.438	1.533	1001 L0.0040 105+86.21 L43.01
13146	315675.361	3399623.750	1.057	1001 R0.0037 105+86.21 L40.04
13147	315667.942	3399627.401	1.848	1001 L0.0747 105+86.21 L31.77
13148	315656.812	3399632.879	3.476	1001 L0.0253 105+86.21 L19.36
13149	315644.400	3399638.989	5.555	1001 R0.0256 105+86.21 L5.53
13150	315639.477	3399641.412	5.945	1001 R0.0456 105+86.21 L0.04
13151	315635.362	3399643.437	6.007	1001 L0.0865 105+86.21 R4.55
13152	315632.676	3399644.759	5.859	1001 L0.0307 105+86.21 R7.54
13153	315623.567	3399649.243	3.391	1001 L0.0012 105+86.21 R17.69
13154	315611.928	3399654.971	0.898	1001 L0.0501 105+86.21 R30.66
13155	315606.887	3399657.453	0.729	1001 R0.0483 105+86.21 R36.28
13156	315592.529	3399664.519	0.109	1001 L0.0115 105+86.21 R52.29
13157	315586.413	3399667.530	-0.990	1001 L0.0534 105+86.21 R59.10
13158	315580.327	3399670.526	-0.183	1001 L0.0415 105+86.21 R65.89
13159	315572.811	3399674.225	-0.828	1001 L0.0035 105+86.21 R74.26

13160	315568.688	3399676.254	-1.200	1001 R0.0246 105+86.21 R78.86
13161	315563.048	3399679.030	-1.230	1001 L0.0000 105+86.21 R85.14
13162	315557.316	3399681.852	-0.980	1001 R0.0000 105+86.21 R91.53
13163	315548.087	3399686.394	-0.530	1001 R0.0000 105+86.21 R101.82
13164	315538.243	3399691.239	-2.730	1001 L0.0000 105+86.21 R112.79
13165	315528.681	3399695.946	-3.080	1001 L0.0000 105+86.21 R123.45
13166	315516.210	3399702.084	-4.320	1001 L0.0000 105+86.21 R137.35
13167	315505.237	3399707.485	-4.190	1001 R0.0000 105+86.21 R149.58
13168	315493.602	3399713.212	-5.390	1001 L0.0000 105+86.21 R162.55
13169	315480.842	3399719.492	-6.390	1001 L0.0000 105+86.21 R176.77
13170	315466.805	3399726.402	-7.280	1001 L0.0000 105+86.21 R192.41
13171	315455.169	3399732.129	-6.760	1001 R0.0000 105+86.21 R205.38
13172	315440.639	3399739.280	-5.480	1001 L0.0000 105+86.21 R221.58
13173	315423.304	3399747.813	-5.110	1001 R0.0000 105+86.21 R240.90
13174	315409.814	3399754.453	-3.740	1001 L0.0000 105+86.21 R255.93
13175	315398.065	3399760.235	-2.860	1001 L0.0000 105+86.21 R269.03
13176	315388.148	3399765.116	-2.340	1001 L0.0000 105+86.21 R280.08
13177	315378.835	3399769.700	-1.710	1001 L0.0000 105+86.21 R290.46
13178	315372.985	3399772.580	-1.690	1001 L0.0000 105+86.21 R296.98
13179	315368.753	3399774.663	-1.410	1001 L0.0000 105+86.21 R301.70
13180	315805.761	3399785.900	-0.800	1001 L0.0000 107+98.50 L85.92
13181	315792.155	3399794.525	0.530	1001 L0.0000 107+98.50 L69.81
13182	315776.173	3399804.655	1.220	1001 L0.0000 107+98.50 L50.89
13183	315770.871	3399808.015	1.350	1001 L0.0000 107+98.50 L44.61
13184	315759.316	3399815.340	2.460	1001 R0.0000 107+98.50 L30.93
13185	315751.751	3399820.135	4.016	1001 R0.0252 107+98.50 L21.98
13186	315742.700	3399825.872	5.770	1001 L0.0000 107+98.50 L11.26
13187	315734.417	3399831.122	5.780	1001 L0.0000 107+98.50 L1.45
13188	315730.841	3399833.389	5.797	1001 R1.9973 107+98.50 R2.78
13189	315721.951	3399839.024	3.510	1001 R0.0000 107+98.50 R13.31
13190	315708.335	3399847.655	1.170	1001 L0.0000 107+98.50 R29.43
13191	315681.361	3399864.752	-0.010	1001 R0.0000 107+98.50 R61.36
13192	315675.252	3399868.624	0.100	1001 R0.0000 107+98.50 R68.60
13193	315671.451	3399871.034	-0.880	1001 L0.0000 107+98.50 R73.10
13194	315665.629	3399874.724	-6.080	1001 L0.0000 107+98.50 R79.99
13195	315658.944	3399878.961	-4.930	1001 L0.0000 107+98.50 R87.91
13196	315646.164	3399887.062	-4.270	1001 L0.0000 107+98.50 R103.04
13197	315632.833	3399895.512	-4.340	1001 R0.0000 107+98.50 R118.82
13198	315621.369	3399902.778	-3.940	1001 L0.0000 107+98.50 R132.39
13199	315609.120	3399910.542	-5.300	1001 R0.0000 107+98.50 R146.89
13200	315596.434	3399918.583	-6.310	1001 L0.0000 107+98.50 R161.91
13201	315583.572	3399926.736	-7.020	1001 L0.0000 107+98.50 R177.14
13202	315570.800	3399934.832	-6.710	1001 L0.0000 107+98.50 R192.26
13203	315534.400	3399957.904	-4.460	1001 R0.0000 107+98.50 R235.36
13204	315527.275	3399962.420	-3.850	1001 L0.0000 107+98.50 R243.80
13205	315521.884	3399965.838	-3.390	1001 R0.0000 107+98.50 R250.18
13206	315496.735	3399981.778	-1.730	1001 R0.0000 107+98.50 R279.95
13207	315488.848	3399986.778	-1.750	1001 L0.0000 107+98.50 R289.29
13208	315487.707	3399987.501	-1.620	1001 L0.0000 107+98.50 R290.64
13209	315950.222	3400002.757	1.810	1001 R0.0000 110+59.00 L91.84
13210	315940.965	3400008.625	1.760	1001 R0.0000 110+59.00 L80.88

13211	315909.096	3400028.825	2.600	1001 R0.0000 110+59.00 L43.15
13212	315903.322	3400032.485	6.270	1001 L0.0000 110+59.00 L36.31
13213	315896.872	3400036.573	6.440	1001 R0.0000 110+59.00 L28.67
13214	315887.503	3400042.512	7.050	1001 L0.0000 110+59.00 L17.58
13215	315878.233	3400048.388	7.350	1001 R0.0000 110+59.00 L6.61
13216	315874.877	3400050.515	7.502	1001 L3.5420 110+59.00 L2.63
13217	315866.489	3400055.832	6.740	1001 L0.0000 110+59.00 R7.30
13218	315857.761	3400061.364	3.930	1001 L0.0000 110+59.00 R17.63
13219	315845.819	3400068.933	1.440	1001 L0.0000 110+59.00 R31.77
13220	315841.808	3400071.476	1.060	1001 L0.0000 110+59.00 R36.52
13221	315820.190	3400085.178	0.150	1001 R0.0000 110+59.00 R62.12
13222	315814.306	3400088.908	-0.280	1001 L0.0000 110+59.00 R69.08
13223	315809.547	3400091.925	-0.910	1001 R0.0000 110+59.00 R74.72
13224	315805.816	3400094.290	-3.080	1001 L0.0000 110+59.00 R79.13
13225	315797.763	3400099.394	-3.970	1001 L0.0000 110+59.00 R88.67
13226	315788.187	3400105.464	-4.060	1001 L0.0000 110+59.00 R100.01
13227	315777.263	3400112.388	-4.220	1001 L0.0000 110+59.00 R112.94
13228	315762.897	3400121.494	-4.410	1001 R0.0000 110+59.00 R129.95
13229	315749.944	3400129.704	-4.610	1001 L0.0000 110+59.00 R145.28
13230	315735.478	3400138.874	-6.040	1001 R0.0000 110+59.00 R162.41
13231	315719.625	3400148.922	-6.920	1001 L0.0000 110+59.00 R181.18
13232	315700.129	3400161.280	-6.480	1001 R0.0000 110+59.00 R204.26
13233	315671.825	3400179.221	-5.030	1001 L0.0000 110+59.00 R237.77
13234	315654.883	3400189.959	-3.720	1001 L0.0000 110+59.00 R257.83
13235	315645.059	3400196.187	-2.940	1001 L0.0000 110+59.00 R269.47
13236	315633.898	3400203.261	-2.360	1001 R0.0000 110+59.00 R282.68
13237	315628.210	3400206.866	-2.260	1001 L0.0000 110+59.00 R289.41
13238	315621.693	3400210.997	-1.460	1001 L0.0000 110+59.00 R297.13
13239	315615.478	3400214.936	-1.300	1001 L0.0000 110+59.00 R304.49
13240	315610.881	3400217.850	-1.610	1001 L0.0000 110+59.00 R309.93
13241	315610.078	3400218.360	-1.360	1001 L0.0000 110+59.00 R310.88
13242	315608.775	3400219.186	-1.390	1001 R0.0000 110+59.00 R312.42
13243	315874.361	3399989.460	5.210	1001 R0.6633 110+60.00 L63.32
13244	315874.037	3400006.966	6.171	1001 L0.5341 110+60.00 L45.81
13245	315873.572	3400032.118	7.212	1001 L0.3163 110+60.00 L20.66
13246	315873.287	3400047.529	7.502	1001 L0.3064 110+60.00 L5.24
13247	315873.273	3400048.296	7.350	1001 R4.9608 110+60.00 L4.48
13248	315873.057	3400059.992	6.900	1001 R0.2919 110+60.00 R7.22
13249	315872.859	3400070.708	4.526	1001 R0.5539 110+60.00 R17.94
13250	315872.629	3400083.168	2.616	1001 R0.4182 110+60.00 R30.40
13251	315872.425	3400094.162	1.372	1001 L0.1787 110+60.00 R41.40
13252	315872.383	3400096.466	0.474	1001 R0.2744 110+60.00 R43.70
13253	315872.162	3400108.389	-0.210	1001 L0.0000 110+60.00 R55.63
13254	315872.019	3400116.137	-0.180	1001 L0.0000 110+60.00 R63.38
13255	315871.934	3400120.769	-1.920	1001 L0.0000 110+60.00 R68.01
13256	315871.905	3400122.305	-1.560	1001 L0.0000 110+60.00 R69.55
13257	315871.788	3400128.660	-4.130	1001 L0.0000 110+60.00 R75.90
13258	315871.468	3400145.959	-4.130	1001 L0.0000 110+60.00 R93.21
13259	315871.118	3400164.876	-3.290	1001 L0.0000 110+60.00 R112.13
13260	315870.839	3400179.973	-1.400	1001 L0.0000 110+60.00 R127.23
13261	315870.519	3400197.290	-1.050	1001 L0.0000 110+60.00 R144.55

13262	315870.228	3400213.067	-1.910	1001 L0.0000 110+60.00 R160.32
13263	315869.916	3400229.923	-2.420	1001 L0.0000 110+60.00 R177.18
13264	315869.343	3400260.933	-3.060	1001 L0.0000 110+60.00 R208.20
13265	315868.977	3400280.711	-3.570	1001 L0.0000 110+60.00 R227.98
13266	315868.739	3400293.607	-2.850	1001 L0.0000 110+60.00 R240.88
13267	315868.562	3400303.172	-3.140	1001 L0.0000 110+60.00 R250.45
13268	315868.364	3400313.905	-2.380	1001 L0.0000 110+60.00 R261.18
13269	315868.065	3400330.061	-2.060	1001 L0.0000 110+60.00 R277.34
13270	315867.724	3400348.506	-2.540	1001 L0.0000 110+60.00 R295.79
13271	315867.360	3400368.204	-3.250	1001 L0.0000 110+60.00 R315.49
13272	315867.057	3400384.629	-4.240	1001 L0.0000 110+60.00 R331.92
13273	315866.778	3400399.695	-5.460	1001 L0.0000 110+60.00 R346.98
13274	315866.560	3400411.518	-6.740	1001 L0.0000 110+60.00 R358.81
13275	315866.517	3400413.825	-6.830	1001 L0.0000 110+60.00 R361.12
13276	316006.349	3399957.715	1.490	1001 L0.0000 112+10.98 L99.45
13277	316007.863	3399966.046	1.780	1001 R0.0000 112+10.98 L90.98
13278	316009.437	3399974.702	1.780	1001 L0.0000 112+10.98 L82.18
13279	316014.541	3400002.769	2.270	1001 L0.0000 112+10.98 L53.66
13280	316017.204	3400017.418	3.080	1001 R0.0000 112+10.98 L38.77
13281	316020.378	3400034.872	4.396	1001 R0.1651 112+10.98 L21.03
13282	316021.987	3400043.720	6.160	1001 L0.0000 112+10.98 L12.03
13283	316023.164	3400050.197	6.393	1001 L0.3797 112+10.98 L5.45
13284	316023.421	3400051.608	6.250	1001 R0.0000 112+10.98 L4.02
13285	316024.873	3400059.591	5.780	1001 L0.0000 112+10.98 R4.10
13286	316026.624	3400069.221	3.300	1001 R0.0000 112+10.98 R13.89
13287	316029.145	3400083.087	1.000	1001 L0.0000 112+10.98 R27.98
13288	316033.195	3400105.363	0.400	1001 L0.0000 112+10.98 R50.62
13289	316034.530	3400112.702	-0.180	1001 R0.0000 112+10.98 R58.08
13290	316035.693	3400119.097	-0.290	1001 L0.0000 112+10.98 R64.58
13291	316036.414	3400123.067	-0.930	1001 R0.0000 112+10.98 R68.61
13292	316038.193	3400132.847	-4.860	1001 L0.0000 112+10.98 R78.55
13293	316040.025	3400142.924	-5.070	1001 L0.0000 112+10.98 R88.80
13294	316042.217	3400154.981	-4.820	1001 L0.0000 112+10.98 R101.05
13295	316044.336	3400166.633	-3.260	1001 L0.0000 112+10.98 R112.89
13296	316046.069	3400176.165	-1.260	1001 L0.0000 112+10.98 R122.58
13297	316047.770	3400185.521	-1.280	1001 L0.0000 112+10.98 R132.09
13298	316049.732	3400196.312	-0.980	1001 L0.0000 112+10.98 R143.06
13299	316051.442	3400205.712	-0.850	1001 L0.0000 112+10.98 R152.61
13300	316053.420	3400216.593	-1.350	1001 R0.0000 112+10.98 R163.67
13301	316056.659	3400234.405	-0.690	1001 L0.0000 112+10.98 R181.78
13302	316056.974	3400236.140	-0.840	1001 R0.0000 112+10.98 R183.54
13303	318285.847	3400932.439	0.130	1001 R0.0000 137+63.36 L90.41
13304	318284.323	3400930.798	0.320	1001 R0.0000 137+63.36 L88.17
13305	318274.985	3400920.747	0.640	1001 R0.0000 137+63.36 L74.45
13306	318263.502	3400908.386	1.080	1001 L0.1080 137+63.36 L57.58
13307	318251.431	3400895.393	1.550	1001 L0.0000 137+63.36 L39.85
13308	318230.376	3400872.729	5.010	1001 R0.0000 137+63.36 L8.91
13309	318226.842	3400868.924	5.610	1001 R0.0000 137+63.36 L3.72
13310	318220.741	3400862.358	5.910	1001 R0.0000 137+63.36 R5.24
13311	318211.536	3400852.449	3.540	1001 L0.0000 137+63.36 R18.77
13312	318203.213	3400843.490	1.150	1001 L0.0000 137+63.36 R31.00

13313	318196.435	3400836.194	0.150	1001 R0.0000 137+63.36 R40.96
13314	318192.680	3400832.152	-0.790	1001 L0.0000 137+63.36 R46.47
13315	318191.369	3400830.741	-1.440	1001 L0.0000 137+63.36 R48.40
13316	318185.059	3400823.949	-3.070	1001 L0.0032 137+63.36 R57.67
13317	318180.811	3400819.375	-9.410	1001 L0.0000 137+63.36 R63.91
13318	318173.744	3400811.769	-11.490	1001 L0.0019 137+63.36 R74.29
13319	318165.726	3400803.138	-10.930	1001 L0.0003 137+63.36 R86.08
13320	318156.307	3400792.999	-10.110	1001 L0.0000 137+63.36 R99.91
13321	318146.329	3400782.259	-9.350	1001 R0.0024 137+63.36 R114.57
13322	318134.411	3400769.430	-9.960	1001 R0.1644 137+63.36 R132.08
13323	318120.733	3400754.706	-5.350	1001 R0.0000 137+63.36 R152.18
13324	318111.822	3400745.114	-3.360	1001 L0.0000 137+63.36 R165.27
13325	318103.461	3400736.115	-2.450	1001 L0.0026 137+63.36 R177.56
13326	318094.502	3400726.471	-1.930	1001 L0.0000 137+63.36 R190.72
13327	318136.763	3401017.764	1.270	1001 L0.0000 139+99.24 L85.75
13328	318116.814	3401019.866	1.520	1001 R0.1255 139+99.24 L65.69
13329	318101.101	3401021.522	2.390	1001 L0.0000 139+99.24 L49.89
13330	318082.929	3401023.437	3.770	1001 L0.0000 139+99.24 L31.61
13331	318069.258	3401024.877	5.660	1001 L0.0000 139+99.24 L17.87
13332	318060.942	3401025.754	6.330	1001 R0.0926 139+99.24 L9.50
13333	318052.069	3401026.689	5.630	1001 R0.0384 139+99.24 L0.58
13334	318040.347	3401027.924	4.140	1001 R0.1085 139+99.24 R11.21
13335	318028.071	3401029.218	2.210	1001 L0.0804 139+99.24 R23.55
13336	318027.515	3401029.276	1.030	1001 R0.0566 139+99.24 R24.11
13337	318023.273	3401029.723	0.550	1001 L0.0000 139+99.24 R28.37
13338	318009.676	3401031.156	0.030	1001 L0.0000 139+99.24 R42.05
13339	318002.106	3401031.954	-0.380	1001 R0.0948 139+99.24 R49.66
13340	317996.199	3401032.577	-0.670	1001 L0.0000 139+99.24 R55.60
13341	317985.943	3401033.657	-1.770	1001 R0.1206 139+99.24 R65.91
13342	317984.865	3401033.771	-1.260	1001 L0.0000 139+99.24 R66.99
13343	317980.604	3401034.220	-4.710	1001 L0.0780 139+99.24 R71.28
13344	317969.382	3401035.403	-7.720	1001 L0.0407 139+99.24 R82.56
13345	317957.755	3401036.628	-5.090	1001 R0.0291 139+99.24 R94.25
13346	317947.089	3401037.752	-5.870	1001 L0.0000 139+99.24 R104.98
13347	317937.061	3401038.809	-6.440	1001 L0.0526 139+99.24 R115.06
13348	317927.441	3401039.822	-5.710	1001 R0.0971 139+99.24 R124.74
13349	317917.465	3401040.874	-3.970	1001 L0.0000 139+99.24 R134.77
13350	317903.894	3401042.304	-1.920	1001 L0.0000 139+99.24 R148.41
13351	317892.321	3401043.523	-1.720	1001 L0.0000 139+99.24 R160.05
13352	317881.164	3401044.699	-1.750	1001 L0.0000 139+99.24 R171.27
13353	317870.297	3401045.844	-1.540	1001 R0.0124 139+99.24 R182.20
13354	317858.018	3401047.138	-1.420	1001 L0.0297 139+99.24 R194.54
13355	317850.142	3401047.968	-1.550	1001 L0.0000 139+99.24 R202.46
13356	317843.372	3401048.682	-1.540	1001 L0.0079 139+99.24 R209.27
13357	317841.773	3401048.850	-1.410	1001 L0.0000 139+99.24 R210.88
13358	317840.208	3401049.015	-1.420	1001 L0.0000 139+99.24 R212.45
13359	318157.515	3401203.040	-0.390	1001 L0.2696 141+75.96 L87.51
13360	318133.797	3401202.891	-0.160	1001 L0.0000 141+75.96 L63.79
13361	318119.685	3401202.802	0.430	1001 L0.0000 141+75.96 L49.68
13362	318113.309	3401202.762	1.280	1001 L0.0000 141+75.96 L43.30
13363	318103.413	3401202.700	2.130	1001 R0.1106 141+75.96 L33.40

13364	318088.392	3401202.605	4.260	1001 L0.0000 141+75.96 L18.38
13365	318073.425	3401202.511	6.154	1001 L0.0337 141+75.96 L3.42
13366	318064.680	3401202.456	5.750	1001 L0.0000 141+75.96 R5.33
13367	318054.705	3401202.393	3.780	1001 L0.0000 141+75.96 R15.31
13368	318047.188	3401202.346	1.480	1001 L0.0764 141+75.96 R22.82
13369	318040.237	3401202.302	0.720	1001 R0.0068 141+75.96 R29.77
13370	318008.199	3401202.101	0.050	1001 R0.0633 141+75.96 R61.81
13371	318001.545	3401202.059	-0.260	1001 L0.0000 141+75.96 R68.47
13372	317994.665	3401202.016	-0.450	1001 R0.0859 141+75.96 R75.35
13373	317992.349	3401202.001	-1.548	1001 L0.0132 141+75.96 R77.66
13374	317991.629	3401201.997	-2.240	1001 R0.0288 141+75.96 R78.38
13375	317988.630	3401201.978	-5.810	1001 L0.0000 141+75.96 R81.38
13376	317977.925	3401201.911	-6.090	1001 R0.0543 141+75.96 R92.09
13377	317965.675	3401201.834	-5.745	1001 R0.0218 141+75.96 R104.34
13378	317953.080	3401201.754	-5.560	1001 L0.0000 141+75.96 R116.93
13379	317939.406	3401201.668	-4.610	1001 R0.2685 141+75.96 R130.61
13380	317925.779	3401201.583	-2.140	1001 L0.0000 141+75.96 R144.23
13381	317912.769	3401201.501	-1.700	1001 L0.0000 141+75.96 R157.24
13382	317900.089	3401201.421	-1.600	1001 L0.0000 141+75.96 R169.92
13383	317887.187	3401201.340	-1.910	1001 L0.0000 141+75.96 R182.83
13384	317875.238	3401201.265	-2.050	1001 L0.0000 141+75.96 R194.78
13385	317866.666	3401201.211	-2.150	1001 R0.0648 141+75.96 R203.35
13386	317861.815	3401201.180	-1.650	1001 L0.0000 141+75.96 R208.20
13387	317861.635	3401201.179	-1.690	1001 R0.0397 141+75.96 R208.38
13388	317860.630	3401201.173	-1.560	1001 L0.0000 141+75.96 R209.38
13389	318163.828	3401333.470	1.130	1001 L0.1667 143+36.57 L99.35
13390	318161.564	3401334.177	1.150	1001 R0.2312 143+36.57 L96.98
13391	318138.626	3401341.345	1.000	1001 L0.0000 143+36.57 L72.95
13392	318127.015	3401344.973	1.680	1001 L0.0000 143+36.57 L60.78
13393	318098.915	3401353.753	3.350	1001 L0.0000 143+36.57 L31.34
13394	318092.073	3401355.891	4.940	1001 R0.1016 143+36.57 L24.17
13395	318080.445	3401359.524	5.913	1001 R0.0831 143+36.57 L11.99
13396	318070.304	3401362.693	6.090	1001 L0.0000 143+36.57 L1.37
13397	318068.502	3401363.256	5.790	1001 L0.0000 143+36.57 R0.52
13398	318066.274	3401363.952	6.200	1001 L0.0000 143+36.57 R2.86
13399	318056.654	3401366.958	3.450	1001 L0.0000 143+36.57 R12.94
13400	318050.296	3401368.945	2.300	1001 L0.0000 143+36.57 R19.60
13401	318042.536	3401371.370	0.730	1001 L0.0000 143+36.57 R27.73
13402	318010.058	3401381.518	-0.290	1001 R0.0539 143+36.57 R61.75
13403	318004.557	3401383.237	0.040	1001 L0.0000 143+36.57 R67.52
13404	317999.212	3401384.907	-0.850	1001 R0.0426 143+36.57 R73.12
13405	317994.457	3401386.393	-4.660	1001 L0.0000 143+36.57 R78.10
13406	317993.851	3401386.582	-6.740	1001 R0.0000 143+36.57 R78.73
13407	317984.130	3401389.620	-6.000	1001 L0.0464 143+36.57 R88.92
13408	317970.873	3401393.762	-5.960	1001 L0.0000 143+36.57 R102.81
13409	317954.182	3401398.977	-5.440	1001 L0.3374 143+36.57 R120.29
13410	317940.367	3401403.294	-2.180	1001 L0.0000 143+36.57 R134.77
13411	317928.178	3401407.103	-1.560	1001 R0.0092 143+36.57 R147.54
13412	317916.640	3401410.708	-1.620	1001 R0.0720 143+36.57 R159.63
13413	317904.268	3401414.574	-1.820	1001 L0.0000 143+36.57 R172.59
13414	317891.960	3401418.420	-1.800	1001 L0.0000 143+36.57 R185.48

13415	317881.151	3401421.797	-3.560	1001 L0.0000 143+36.57 R196.81
13416	317871.514	3401424.808	-4.250	1001 L0.0000 143+36.57 R206.90
13417	317863.335	3401427.364	-3.950	1001 L0.0000 143+36.57 R215.47
13418	318196.054	3401492.079	-0.640	1001 L0.1292 145+11.13 L83.91
13419	318185.138	3401497.556	0.400	1001 R0.2065 145+11.13 L71.69
13420	318162.114	3401509.110	1.500	1001 L0.0000 145+11.13 L45.93
13421	318150.108	3401515.134	1.430	1001 L0.0675 145+11.13 L32.50
13422	318147.793	3401516.296	3.450	1001 R0.0777 145+11.13 L29.91
13423	318139.156	3401520.630	4.880	1001 R0.0000 145+11.13 L20.25
13424	318129.278	3401525.587	6.010	1001 L0.0000 145+11.13 L9.19
13425	318123.422	3401528.525	6.380	1001 L0.0695 145+11.13 L2.64
13426	318116.162	3401532.168	5.620	1001 R0.0000 145+11.13 R5.48
13427	318107.435	3401536.547	3.550	1001 R0.0071 145+11.13 R15.24
13428	318094.153	3401543.212	0.350	1001 L0.0000 145+11.13 R30.11
13429	318074.034	3401553.308	-0.130	1001 L0.0000 145+11.13 R52.62
13430	318068.656	3401556.007	-0.120	1001 R0.0159 145+11.13 R58.63
13431	318063.167	3401558.761	-0.390	1001 L0.0000 145+11.13 R64.77
13432	318056.351	3401562.181	-0.800	1001 L0.0000 145+11.13 R72.40
13433	318051.464	3401564.633	-5.990	1001 L0.0000 145+11.13 R77.87
13434	318040.338	3401570.216	-5.240	1001 R0.0000 145+11.13 R90.32
13435	318026.618	3401577.101	-5.290	1001 R0.0000 145+11.13 R105.67
13436	318011.746	3401584.564	-5.750	1001 R0.0000 145+11.13 R122.31
13437	317996.624	3401592.152	-1.910	1001 R0.0000 145+11.13 R139.22
13438	317980.267	3401600.360	-1.570	1001 L0.0000 145+11.13 R157.53
13439	317964.953	3401608.044	-1.400	1001 L0.0000 145+11.13 R174.66
13440	317952.073	3401614.507	-1.670	1001 L0.0000 145+11.13 R189.07
13441	317939.206	3401620.964	-1.490	1001 L0.0000 145+11.13 R203.47
13442	317926.355	3401627.413	-1.350	1001 R0.0000 145+11.13 R217.84
13443	317911.681	3401634.776	-1.520	1001 L0.0000 145+11.13 R234.26
13444	317901.108	3401640.082	-1.390	1001 L0.0000 145+11.13 R246.09
13445	317893.457	3401643.921	-1.410	1001 R0.0000 145+11.13 R254.65
13446	317892.356	3401644.473	-1.460	1001 L0.0000 145+11.13 R255.88
13447	317890.775	3401645.267	-1.430	1001 R0.0000 145+11.13 R257.65
13448	318309.986	3401697.062	0.610	1001 L0.0000 147+57.17 L94.53
13449	318293.869	3401707.842	0.870	1001 L0.0000 147+57.17 L75.14
13450	318287.461	3401712.128	0.860	1001 L0.0000 147+57.17 L67.43
13451	318274.756	3401720.626	1.521	1001 L0.2129 147+57.17 L52.15
13452	318272.780	3401721.948	1.521	1001 R0.0494 147+57.17 L49.77
13453	318260.673	3401730.046	2.120	1001 L0.0040 147+57.17 L35.21
13454	318257.766	3401731.991	3.400	1001 R0.0083 147+57.17 L31.71
13455	318246.812	3401739.318	4.900	1001 L0.0000 147+57.17 L18.53
13456	318237.482	3401745.558	6.170	1001 L0.0000 147+57.17 L7.31
13457	318233.839	3401747.995	6.430	1001 L0.0437 147+57.17 L2.92
13458	318227.565	3401752.192	5.970	1001 L0.0000 147+57.17 R4.63
13459	318219.909	3401757.312	4.280	1001 R0.0000 147+57.17 R13.84
13460	318213.108	3401761.861	2.540	1001 L0.0000 147+57.17 R22.02
13461	318211.935	3401762.646	1.530	1001 L0.0000 147+57.17 R23.43
13462	318195.966	3401773.327	0.510	1001 R0.0151 147+57.17 R42.64
13463	318177.673	3401785.563	-0.060	1001 L0.0000 147+57.17 R64.65
13464	318172.908	3401788.750	-0.130	1001 R0.0000 147+57.17 R70.38
13465	318169.498	3401791.031	-1.020	1001 L0.0000 147+57.17 R74.49

13466	318164.696	3401794.243	-5.020	1001 R0.1305 147+57.17 R80.26
13467	318162.542	3401795.683	-6.710	1001 L0.0000 147+57.17 R82.85
13468	318147.998	3401805.412	-6.870	1001 L0.0000 147+57.17 R100.35
13469	318130.637	3401817.024	-6.130	1001 R0.0000 147+57.17 R121.24
13470	318112.190	3401829.362	-2.310	1001 R0.0000 147+57.17 R143.43
13471	318098.477	3401838.535	-2.770	1001 L0.0000 147+57.17 R159.93
13472	318085.754	3401847.045	-2.860	1001 L0.0000 147+57.17 R175.24
13473	318074.090	3401854.847	-1.980	1001 R0.0000 147+57.17 R189.27
13474	318060.777	3401863.751	-1.900	1001 L0.0000 147+57.17 R205.28
13475	318044.596	3401874.574	-1.960	1001 L0.0000 147+57.17 R224.75
13476	318031.264	3401883.492	-1.430	1001 L0.0000 147+57.17 R240.79
13477	318018.977	3401891.711	-1.760	1001 L0.0000 147+57.17 R255.57
13478	318009.327	3401898.165	-1.760	1001 L0.0000 147+57.17 R267.18
13479	318005.272	3401900.877	-1.790	1001 L0.1960 147+57.17 R272.06
13480	318513.527	3402001.744	0.790	1001 L0.0000 151+13.30 L94.88
13481	318496.593	3402010.581	1.000	1001 L0.0136 151+13.30 L75.78
13482	318483.133	3402017.605	1.690	1001 L0.0000 151+13.30 L60.60
13483	318477.795	3402020.391	3.390	1001 R0.0000 151+13.30 L54.58
13484	318475.053	3402021.822	1.200	1001 R0.1530 151+13.30 L51.48
13485	318457.023	3402031.230	1.270	1001 R0.0000 151+13.30 L31.15
13486	318454.850	3402032.365	2.810	1001 R0.0000 151+13.30 L28.70
13487	318444.965	3402037.523	4.800	1001 L0.0000 151+13.30 L17.55
13488	318433.650	3402043.427	6.140	1001 R0.1608 151+13.30 L4.78
13489	318427.737	3402046.513	6.160	1001 L0.0000 151+13.30 R1.89
13490	318422.757	3402049.112	6.029	1001 R0.1054 151+13.30 R7.50
13491	318413.028	3402054.189	3.720	1001 L0.0000 151+13.30 R18.48
13492	318406.704	3402057.489	2.290	1001 R0.0161 151+13.30 R25.61
13493	318405.698	3402058.014	1.230	1001 R0.0438 151+13.30 R26.75
13494	318391.641	3402065.350	0.510	1001 L0.0000 151+13.30 R42.60
13495	318367.878	3402077.750	0.180	1001 L0.0000 151+13.30 R69.41
13496	318361.474	3402081.092	-0.720	1001 R0.1935 151+13.30 R76.63
13497	318360.454	3402081.624	-1.550	1001 L0.0000 151+13.30 R77.78
13498	318353.940	3402085.024	-5.030	1001 L0.0769 151+13.30 R85.13
13499	318344.255	3402090.077	-5.200	1001 R0.0418 151+13.30 R96.05
13500	318328.580	3402098.257	-5.120	1001 R0.0321 151+13.30 R113.73
13501	318316.083	3402104.779	-5.230	1001 R0.1147 151+13.30 R127.83
13502	318301.174	3402112.559	-2.810	1001 L0.0000 151+13.30 R144.65
13503	318286.407	3402120.266	-2.400	1001 L0.1758 151+13.30 R161.30
13504	318269.234	3402129.227	-2.510	1001 R0.1021 151+13.30 R180.67
13505	318255.554	3402136.366	-2.420	1001 R0.0000 151+13.30 R196.11
13506	318241.674	3402143.609	-2.650	1001 L0.2225 151+13.30 R211.76
13507	318227.317	3402151.101	-2.490	1001 L0.0000 151+13.30 R227.96
13508	318212.502	3402158.832	-2.650	1001 L0.0000 151+13.30 R244.67
13509	318198.211	3402166.290	-2.370	1001 L0.0000 151+13.30 R260.79
13510	318184.400	3402173.497	-2.340	1001 R0.1155 151+13.30 R276.36
13511	318167.759	3402182.181	-2.450	1001 L0.0000 151+13.30 R295.14
13512	318152.363	3402190.215	-2.110	1001 L0.0000 151+13.30 R312.50
13513	318141.766	3402195.746	-2.000	1001 L0.1911 151+13.30 R324.46
13514	318130.726	3402201.506	-2.120	1001 L0.0000 151+13.30 R336.91
13515	318126.036	3402203.954	-2.170	1001 L0.0000 151+13.30 R342.20
13516	318125.743	3402204.107	-2.180	1001 R0.0197 151+13.30 R342.53

13517	318650.598	3402275.977	-0.510	1001 L0.0000 154+25.97 L89.74
13518	318637.125	3402284.225	0.360	1001 L0.0000 154+25.97 L73.94
13519	318622.535	3402293.156	0.570	1001 L0.0000 154+25.97 L56.84
13520	318616.452	3402296.880	0.290	1001 L0.2293 154+25.97 L49.70
13521	318603.094	3402305.057	0.130	1001 L0.0019 154+25.97 L34.04
13522	318601.724	3402305.895	2.350	1001 L0.0000 154+25.97 L32.44
13523	318590.577	3402312.719	3.910	1001 R0.0000 154+25.97 L19.37
13524	318582.267	3402317.807	5.360	1001 L0.0910 154+25.97 L9.62
13525	318576.471	3402321.355	5.800	1001 L0.0000 154+25.97 L2.83
13526	318569.954	3402325.344	5.050	1001 R0.0527 154+25.97 R4.82
13527	318561.342	3402330.616	3.510	1001 L0.0000 154+25.97 R14.91
13528	318557.749	3402332.816	2.360	1001 R0.1724 154+25.97 R19.13
13529	318557.187	3402333.160	1.600	1001 R0.0139 154+25.97 R19.78
13530	318549.221	3402338.036	0.720	1001 L0.0000 154+25.97 R29.12
13531	318524.538	3402353.146	0.180	1001 R0.0000 154+25.97 R58.06
13532	318518.850	3402356.628	-0.170	1001 L0.0052 154+25.97 R64.73
13533	318515.234	3402358.841	-1.280	1001 L0.0000 154+25.97 R68.97
13534	318508.722	3402362.828	-5.550	1001 R0.2707 154+25.97 R76.61
13535	318500.626	3402367.784	-6.370	1001 R0.0000 154+25.97 R86.10
13536	318494.015	3402371.831	-4.970	1001 R0.0000 154+25.97 R93.85
13537	318485.970	3402376.756	-4.740	1001 R0.1609 154+25.97 R103.29
13538	318477.549	3402381.911	-4.780	1001 L0.0000 154+25.97 R113.16
13539	318469.689	3402386.723	-5.180	1001 L0.0000 154+25.97 R122.38
13540	318463.783	3402390.338	-6.610	1001 L0.0000 154+25.97 R129.30
13541	318457.511	3402394.177	-5.570	1001 R0.0000 154+25.97 R136.65
13542	318450.030	3402398.757	-3.340	1001 L0.0000 154+25.97 R145.43
13543	318440.063	3402404.858	-2.820	1001 R0.0000 154+25.97 R157.11
13544	318430.426	3402410.758	-2.710	1001 R0.0000 154+25.97 R168.41
13545	318422.054	3402415.883	-2.850	1001 R0.0000 154+25.97 R178.23
13546	318415.863	3402419.672	-2.760	1001 R0.0000 154+25.97 R185.49
13547	318412.208	3402421.910	-2.780	1001 R0.0000 154+25.97 R189.77
13548	318389.443	3402435.846	-2.960	1001 L0.0000 154+25.97 R216.46
13549	318378.900	3402442.300	-3.490	1001 R0.0589 154+25.97 R228.82
13550	318367.380	3402449.352	-2.780	1001 L0.0000 154+25.97 R242.33
13551	318355.550	3402456.594	-3.140	1001 R0.0000 154+25.97 R256.20
13552	318343.709	3402463.842	-3.090	1001 R0.1454 154+25.97 R270.09
13553	318772.335	3402464.800	0.460	1001 L0.0000 156+33.05 L96.58
13554	318754.386	3402471.699	0.650	1001 R0.0048 156+33.05 L77.36
13555	318738.158	3402477.936	0.450	1001 L0.0000 156+33.05 L59.97
13556	318731.317	3402480.565	1.440	1001 L0.0000 156+33.05 L52.64
13557	318727.368	3402482.082	0.330	1001 L0.0000 156+33.05 L48.41
13558	318718.311	3402485.563	0.350	1001 L0.0000 156+33.05 L38.71
13559	318710.832	3402488.438	1.820	1001 L0.0000 156+33.05 L30.70
13560	318696.411	3402493.980	3.840	1001 L0.1280 156+33.05 L15.25
13561	318683.719	3402498.858	5.180	1001 R0.0000 156+33.05 L1.65
13562	318679.365	3402500.532	5.430	1001 L0.0000 156+33.05 R3.02
13563	318675.347	3402502.076	5.640	1001 L0.0275 156+33.05 R7.32
13564	318667.576	3402505.062	3.740	1001 L0.0661 156+33.05 R15.65
13565	318663.777	3402506.522	2.600	1001 L0.0235 156+33.05 R19.72
13566	318662.929	3402506.848	1.400	1001 R0.0710 156+33.05 R20.62
13567	318654.369	3402510.138	0.690	1001 R0.0000 156+33.05 R29.79

13568	318618.502	3402523.923	-0.010	1001 R0.0000 156+33.05 R68.22
13569	318613.575	3402525.816	-1.210	1001 R0.0000 156+33.05 R73.50
13570	318610.935	3402526.831	-1.760	1001 L0.0000 156+33.05 R76.33
13571	318603.278	3402529.774	-5.910	1001 L0.0144 156+33.05 R84.53
13572	318602.580	3402530.042	-6.280	1001 L0.1582 156+33.05 R85.28
13573	318593.001	3402533.723	-5.410	1001 R0.0911 156+33.05 R95.54
13574	318581.706	3402538.065	-5.490	1001 L0.0000 156+33.05 R107.64
13575	318567.266	3402543.614	-5.540	1001 L0.0231 156+33.05 R123.11
13576	318552.641	3402549.235	-2.950	1001 L0.0000 156+33.05 R138.78
13577	318540.631	3402553.851	-3.190	1001 L0.0000 156+33.05 R151.64
13578	318528.482	3402558.520	-3.260	1001 L0.0000 156+33.05 R164.66
13579	318516.309	3402563.198	-3.040	1001 R0.4232 156+33.05 R177.70
13580	318502.065	3402568.673	-3.000	1001 L0.0076 156+33.05 R192.96
13581	318488.244	3402573.985	-3.240	1001 R0.0000 156+33.05 R207.77
13582	318476.879	3402578.352	-3.230	1001 R0.0611 156+33.05 R219.94
13583	318465.656	3402582.666	-2.630	1001 L0.0000 156+33.05 R231.97
13584	318452.351	3402587.779	-3.490	1001 R0.1168 156+33.05 R246.22
13585	318441.771	3402591.846	-3.170	1001 L0.0000 156+33.05 R257.55
13586	318432.393	3402595.450	-3.060	1001 L0.0000 156+33.05 R267.60
13587	318422.508	3402599.249	-2.820	1001 L0.0457 156+33.05 R278.19
13588	318420.460	3402600.036	-2.760	1001 L0.0000 156+33.05 R280.38
13589	318414.640	3402602.273	-2.800	1001 R0.0731 156+33.05 R286.62
13590	318413.587	3402602.678	-2.750	1001 L0.0000 156+33.05 R287.75
13591	318412.032	3402603.275	-2.660	1001 R0.0000 156+33.05 R289.41
13592	318884.107	3402746.864	0.440	1001 R0.0350 159+43.13 L99.95
13593	318867.752	3402754.443	0.820	1001 L0.0172 159+43.13 L81.93
13594	318846.371	3402764.352	0.380	1001 R0.0739 159+43.13 L58.36
13595	318833.489	3402770.321	0.280	1001 L0.0000 159+43.13 L44.16
13596	318821.539	3402775.859	2.130	1001 R0.0000 159+43.13 L30.99
13597	318810.118	3402781.152	3.810	1001 L0.0000 159+43.13 L18.40
13598	318800.454	3402785.630	5.540	1001 L0.1699 159+43.13 L7.75
13599	318793.874	3402788.680	5.530	1001 L0.0225 159+43.13 L0.50
13600	318787.273	3402791.739	5.630	1001 L0.0018 159+43.13 R6.78
13601	318778.238	3402795.926	3.200	1001 L0.0178 159+43.13 R16.73
13602	318776.308	3402796.820	2.780	1001 R0.0001 159+43.13 R18.86
13603	318775.230	3402797.320	1.300	1001 L0.0000 159+43.13 R20.05
13604	318766.325	3402801.447	0.440	1001 L0.0000 159+43.13 R29.86
13605	318738.031	3402814.559	-0.220	1001 L0.0000 159+43.13 R61.05
13606	318731.718	3402817.484	-0.180	1001 R0.0000 159+43.13 R68.01
13607	318728.017	3402819.199	-0.920	1001 R0.1913 159+43.13 R72.09
13608	318725.211	3402820.500	-4.900	1001 L0.0000 159+43.13 R75.18
13609	318718.721	3402823.507	-6.990	1001 L0.1419 159+43.13 R82.33
13610	318704.640	3402830.033	-7.110	1001 R0.5096 159+43.13 R97.85
13611	318690.870	3402836.414	-6.460	1001 L0.0026 159+43.13 R113.03
13612	318674.887	3402843.821	-4.070	1001 L0.0000 159+43.13 R130.64
13613	318658.609	3402851.365	-3.440	1001 L0.0000 159+43.13 R148.58
13614	318642.512	3402858.824	-3.300	1001 L0.0000 159+43.13 R166.33
13615	318626.800	3402866.105	-3.740	1001 L0.0566 159+43.13 R183.64
13616	318610.662	3402873.584	-3.730	1001 L0.0000 159+43.13 R201.43
13617	318594.412	3402881.115	-3.440	1001 L0.0000 159+43.13 R219.34
13618	318578.838	3402888.332	-3.010	1001 L0.0000 159+43.13 R236.50

13619	318564.449	3402895.000	-2.950	1001 R0.0000 159+43.13 R252.36
13620	318551.860	3402900.834	-2.750	1001 L0.0000 159+43.13 R266.24
13621	318542.812	3402905.028	-2.790	1001 L0.0000 159+43.13 R276.21
13622	318539.204	3402906.699	-2.730	1001 L0.0000 159+43.13 R280.19
13623	319092.204	3403207.976	-0.070	1001 L0.0000 164+38.34 L95.47
13624	319078.838	3403212.437	0.490	1001 R0.0000 164+38.34 L81.38
13625	319054.425	3403220.584	0.780	1001 L0.0000 164+38.34 L55.65
13626	319044.607	3403223.860	1.390	1001 R0.0000 164+38.34 L45.30
13627	319042.350	3403224.614	0.760	1001 R0.1261 164+38.34 L42.92
13628	319036.133	3403226.689	0.570	1001 R0.0000 164+38.34 L36.36
13629	319029.044	3403229.054	2.640	1001 R0.0645 164+38.34 L28.89
13630	319018.462	3403232.586	3.637	1001 L0.1484 164+38.34 L17.73
13631	319006.003	3403236.744	5.230	1001 L0.0000 164+38.34 L4.60
13632	318997.215	3403239.677	5.422	1001 L0.3138 164+38.34 R4.67
13633	318991.650	3403241.534	4.830	1001 R0.0881 164+38.34 R10.53
13634	318983.766	3403244.165	3.390	1001 L0.0036 164+38.34 R18.84
13635	318982.522	3403244.580	1.550	1001 L0.1370 164+38.34 R20.16
13636	318971.727	3403248.183	0.510	1001 R0.0176 164+38.34 R31.54
13637	318946.859	3403256.482	0.040	1001 L0.0000 164+38.34 R57.75
13638	318939.271	3403259.015	-0.340	1001 L0.1186 164+38.34 R65.75
13639	318936.852	3403259.822	-1.120	1001 L0.0000 164+38.34 R68.30
13640	318933.987	3403260.778	-3.510	1001 L0.0000 164+38.34 R71.32
13641	318929.519	3403262.269	-5.800	1001 L0.0000 164+38.34 R76.03
13642	318923.452	3403264.294	-7.140	1001 L0.0000 164+38.34 R82.43
13643	318908.573	3403269.259	-5.950	1001 L0.0000 164+38.34 R98.11
13644	318895.584	3403273.594	-7.080	1001 L0.0000 164+38.34 R111.81
13645	318881.607	3403278.259	-6.520	1001 R0.1451 164+38.34 R126.54
13646	318866.324	3403283.359	-5.190	1001 L0.0769 164+38.34 R142.65
13647	318848.785	3403289.213	-3.540	1001 R0.1102 164+38.34 R161.14
13648	318831.655	3403294.929	-3.920	1001 L0.0000 164+38.34 R179.20
13649	318813.902	3403300.854	-3.680	1001 R0.1549 164+38.34 R197.92
13650	318794.729	3403307.253	-3.500	1001 L0.0000 164+38.34 R218.13
13651	318772.703	3403314.604	-3.240	1001 L0.0000 164+38.34 R241.35
13652	318751.458	3403321.694	-3.270	1001 R0.0000 164+38.34 R263.75
13653	318732.849	3403327.904	-3.110	1001 L0.0000 164+38.34 R283.36
13654	318712.227	3403334.786	-2.670	1001 L0.0000 164+38.34 R305.11
13655	318697.655	3403339.649	-2.780	1001 L0.0000 164+38.34 R320.47
13656	318677.322	3403346.435	-2.860	1001 R0.0552 164+38.34 R341.90
13657	318660.431	3403352.072	-2.690	1001 R0.0498 164+38.34 R359.71
13658	318644.372	3403357.432	-2.840	1001 L0.0000 164+38.34 R376.64
13659	318631.647	3403361.678	-2.770	1001 L0.0641 164+38.34 R390.05
13660	318621.847	3403364.949	-2.690	1001 L0.0000 164+38.34 R400.39
13661	318614.471	3403367.411	-2.820	1001 R0.0323 164+38.34 R408.16
13662	318614.183	3403367.506	-3.130	1001 L0.1997 164+38.34 R408.46
13663	319203.014	3403555.349	-0.380	1001 L0.1032 168+26.82 L93.72
13664	319196.452	3403559.647	-0.270	1001 L0.0000 168+26.82 L85.87
13665	319180.998	3403569.771	0.300	1001 L0.0000 168+26.82 L67.40
13666	319176.557	3403572.679	1.240	1001 L0.2378 168+26.82 L62.09
13667	319163.657	3403581.129	-0.030	1001 L0.0000 168+26.82 L46.67
13668	319152.349	3403588.536	1.210	1001 L0.0000 168+26.82 L33.15
13669	319137.473	3403598.280	3.930	1001 R0.0000 168+26.82 L15.37

13670	319129.359	3403603.595	5.520	1001 L0.0000 168+26.82 L5.67
13671	319123.778	3403607.251	5.280	1001 L0.0000 168+26.82 R1.01
13672	319117.274	3403611.511	5.269	1001 R0.0232 168+26.82 R8.78
13673	319108.752	3403617.093	2.930	1001 L0.0018 168+26.82 R18.97
13674	319106.644	3403618.474	1.330	1001 R0.0603 168+26.82 R21.49
13675	319098.567	3403623.765	0.400	1001 R0.0611 168+26.82 R31.14
13676	319075.365	3403638.963	0.090	1001 L0.0000 168+26.82 R58.88
13677	319069.589	3403642.746	-0.430	1001 L0.0000 168+26.82 R65.79
13678	319066.398	3403644.836	-2.527	1001 R0.0551 168+26.82 R69.60
13679	319059.635	3403649.266	-6.910	1001 L0.0000 168+26.82 R77.69
13680	319056.780	3403651.136	-7.110	1001 R0.0441 168+26.82 R81.10
13681	319045.385	3403658.601	-6.040	1001 R0.2528 168+26.82 R94.72
13682	319033.963	3403666.082	-6.160	1001 L0.0000 168+26.82 R108.37
13683	319021.319	3403674.364	-5.900	1001 R0.0000 168+26.82 R123.49
13684	319007.073	3403683.696	-4.000	1001 R0.1987 168+26.82 R140.52
13685	318991.631	3403693.811	-4.250	1001 L0.0000 168+26.82 R158.98
13686	318975.548	3403704.345	-3.790	1001 R0.0000 168+26.82 R178.21
13687	318959.458	3403714.885	-3.830	1001 L0.0000 168+26.82 R197.44
13688	318943.626	3403725.255	-3.400	1001 R0.0000 168+26.82 R216.37
13689	318928.064	3403735.449	-3.260	1001 L0.0000 168+26.82 R234.97
13690	318912.693	3403745.517	-2.860	1001 L0.0000 168+26.82 R253.34
13691	318897.533	3403755.447	-2.910	1001 L0.0433 168+26.82 R271.47
13692	318882.660	3403765.190	-2.760	1001 R0.0000 168+26.82 R289.25
13693	318867.960	3403774.819	-2.610	1001 R0.0000 168+26.82 R306.82
13694	318853.652	3403784.191	-2.600	1001 L0.0615 168+26.82 R323.92
13695	318839.172	3403793.675	-2.580	1001 L0.0000 168+26.82 R341.23
13696	318821.447	3403805.286	-2.720	1001 R0.0334 168+26.82 R362.42
13697	318808.070	3403814.048	-2.660	1001 R0.0000 168+26.82 R378.41
13698	318796.370	3403821.712	-2.690	1001 R0.0000 168+26.82 R392.40
13699	318786.251	3403828.340	-2.620	1001 R0.0333 168+26.82 R404.50
13700	318778.471	3403833.436	-2.600	1001 L0.0000 168+26.82 R413.80
13701	318773.616	3403836.616	-2.620	1001 L0.0000 168+26.82 R419.60
13702	318773.042	3403836.992	-2.690	1001 L0.0000 168+26.82 R420.29
13703	319303.662	3403741.776	-0.120	1001 R0.1111 170+80.14 L86.73
13704	319293.154	3403761.836	0.540	1001 L0.0000 170+80.14 L64.08
13705	319285.243	3403776.939	0.130	1001 L0.0000 170+80.14 L47.03
13706	319284.439	3403778.475	0.210	1001 L0.6655 170+80.14 L45.30
13707	319280.738	3403785.540	0.990	1001 L0.0000 170+80.14 L37.32
13708	319280.492	3403786.010	1.040	1001 L0.0387 170+80.14 L36.79
13709	319271.881	3403802.449	2.670	1001 L0.0000 170+80.14 L18.23
13710	319266.122	3403813.443	4.960	1001 R0.0000 170+80.14 L5.82
13711	319263.771	3403817.931	5.532	1001 R0.0502 170+80.14 L0.76
13712	319260.229	3403824.692	5.210	1001 L0.0000 170+80.14 R6.88
13713	319256.440	3403831.926	3.550	1001 L0.0000 170+80.14 R15.04
13714	319255.976	3403832.812	1.630	1001 R0.0078 170+80.14 R16.04
13715	319248.636	3403846.824	0.490	1001 L0.1747 170+80.14 R31.86
13716	319240.493	3403862.371	0.130	1001 L0.1106 170+80.14 R49.41
13717	319237.570	3403867.950	0.150	1001 R0.1736 170+80.14 R55.71
13718	319234.932	3403872.986	-0.430	1001 R0.2708 170+80.14 R61.40
13719	319231.963	3403878.655	-0.480	1001 R0.0921 170+80.14 R67.80
13720	319231.041	3403880.414	-1.819	1001 L0.0176 170+80.14 R69.78

13721	319229.624	3403883.119	-2.170	1001 R0.0000 170+80.14 R72.83
13722	319226.357	3403889.357	-4.510	1001 R0.0000 170+80.14 R79.88
13723	319219.504	3403902.439	-4.020	1001 L0.0693 170+80.14 R94.64
13724	319210.747	3403919.157	-3.110	1001 L0.0000 170+80.14 R113.52
13725	319203.146	3403933.668	-2.570	1001 R0.0000 170+80.14 R129.90
13726	319194.091	3403950.954	-4.080	1001 L0.0000 170+80.14 R149.41
13727	319186.676	3403965.110	-5.170	1001 R0.0000 170+80.14 R165.39
13728	319179.306	3403979.180	-4.100	1001 R0.0000 170+80.14 R181.28
13729	319171.389	3403994.295	-3.550	1001 L0.0000 170+80.14 R198.34
13730	319165.612	3404005.323	-3.310	1001 R0.1642 170+80.14 R210.79
13731	319159.759	3404016.495	-3.470	1001 L0.0000 170+80.14 R223.40
13732	319154.498	3404026.539	-3.280	1001 L0.0000 170+80.14 R234.74
13733	319147.868	3404039.196	-4.190	1001 R0.0323 170+80.14 R249.03
13734	319140.393	3404053.467	-6.280	1001 L0.0000 170+80.14 R265.14
13735	319130.477	3404072.396	-6.510	1001 R0.0492 170+80.14 R286.51
13736	319121.872	3404088.825	-7.120	1001 R0.0000 170+80.14 R305.05
13737	319113.788	3404104.257	-7.390	1001 R0.0000 170+80.14 R322.47
13738	319105.702	3404119.694	-7.640	1001 L0.0000 170+80.14 R339.90
13739	319100.023	3404130.535	-7.580	1001 L0.0000 170+80.14 R352.14
13740	319095.814	3404138.571	-7.210	1001 L0.0000 170+80.14 R361.21
13741	319094.510	3404141.059	-5.270	1001 L0.1761 170+80.14 R364.02
13742	319093.975	3404142.081	-7.020	1001 R0.1277 170+80.14 R365.17
13743	319311.464	3403807.548	0.950	1001 R0.0067 172+09.53 L97.40
13744	319312.149	3403808.280	1.070	1001 L0.0000 172+09.53 L96.40
13745	319327.664	3403824.846	2.690	1001 L0.0000 172+09.53 L73.70
13746	319340.684	3403838.750	2.690	1001 R0.0000 172+09.53 L54.65
13747	319342.029	3403840.186	2.470	1001 R0.0645 172+09.53 L52.68
13748	319353.887	3403852.848	3.570	1001 L0.0000 172+09.53 L35.34
13749	319364.183	3403863.842	4.580	1001 R0.0027 172+09.53 L20.27
13750	319373.368	3403873.650	5.770	1001 R0.0000 172+09.53 L6.84
13751	319376.791	3403877.306	5.680	1001 R0.0021 172+09.53 L1.83
13752	319381.418	3403882.247	5.620	1001 R0.0000 172+09.53 R4.94
13753	319388.899	3403890.235	3.570	1001 L0.0000 172+09.53 R15.89
13754	319399.150	3403901.181	2.678	1001 R0.0138 172+09.53 R30.88
13755	319414.634	3403917.715	0.799	1001 R0.0995 172+09.53 R53.54
13756	319426.632	3403930.527	-0.990	1001 R0.0004 172+09.53 R71.09
13757	319429.652	3403933.751	-3.630	1001 R0.0000 172+09.53 R75.51
13758	319437.136	3403941.744	-6.110	1001 R0.0000 172+09.53 R86.46
13759	319444.945	3403950.082	-7.430	1001 L0.0000 172+09.53 R97.88
13760	319454.278	3403960.048	-7.900	1001 L0.0000 172+09.53 R111.53
13761	319462.123	3403968.426	-7.960	1001 L0.0000 172+09.53 R123.01
13762	319469.542	3403976.347	-6.300	1001 L0.0000 172+09.53 R133.86
13763	319476.529	3403983.808	-7.020	1001 L0.0039 172+09.53 R144.09
13764	319483.153	3403990.882	-6.330	1001 L0.0000 172+09.53 R153.78
13765	319489.649	3403997.818	-5.520	1001 L0.0000 172+09.53 R163.28
13766	319495.406	3404003.965	-6.100	1001 L0.0000 172+09.53 R171.70
13767	319384.776	3403753.477	-0.680	1001 L0.0000 173+00.00 L86.75
13768	319397.162	3403766.703	-0.210	1001 L0.0000 173+00.00 L68.63
13769	319409.782	3403780.179	0.360	1001 L0.0000 173+00.00 L50.17
13770	319418.381	3403789.361	1.490	1001 L0.0000 173+00.00 L37.59
13771	319423.463	3403794.788	1.490	1001 L0.0034 173+00.00 L30.16

13772	319434.278	3403806.336	3.560	1001 R0.0542 173+00.00 L14.33
13773	319441.117	3403813.639	5.120	1001 R0.0000 173+00.00 L4.33
13774	319443.148	3403815.808	5.050	1001 R0.0000 173+00.00 L1.36
13775	319445.897	3403818.743	5.230	1001 R0.0641 173+00.00 R2.66
13776	319447.227	3403820.163	5.010	1001 R0.0003 173+00.00 R4.61
13777	319450.428	3403823.582	4.600	1001 R0.0000 173+00.00 R9.29
13778	319455.859	3403829.381	3.640	1001 L0.0012 173+00.00 R17.24
13779	319459.071	3403832.811	3.040	1001 R0.0000 173+00.00 R21.94
13780	319465.193	3403839.348	1.190	1001 R0.0024 173+00.00 R30.89
13781	319473.248	3403847.950	0.660	1001 R0.0000 173+00.00 R42.68
13782	319484.136	3403859.576	-1.720	1001 L0.0000 173+00.00 R58.61
13783	319490.551	3403866.426	-0.510	1001 R0.0000 173+00.00 R67.99
13784	319493.902	3403870.004	-0.730	1001 L0.0000 173+00.00 R72.89
13785	319495.364	3403871.565	-1.050	1001 R0.1650 173+00.00 R75.03
13786	319498.779	3403875.212	-3.140	1001 L0.0000 173+00.00 R80.03
13787	319501.460	3403878.075	-4.140	1001 L0.0018 173+00.00 R83.95
13788	319508.440	3403885.528	-5.650	1001 R0.0000 173+00.00 R94.16
13789	319515.350	3403892.907	-7.260	1001 R0.0000 173+00.00 R104.27
13790	319523.280	3403901.375	-7.500	1001 L0.0000 173+00.00 R115.87
13791	319530.566	3403909.155	-7.650	1001 R0.0093 173+00.00 R126.53
13792	319535.722	3403914.660	-6.310	1001 R0.1893 173+00.00 R134.07
13793	319536.174	3403915.143	-6.780	1001 R0.1676 173+00.00 R134.74
13794	319540.724	3403920.002	-7.610	1001 L0.0021 173+00.00 R141.39
13795	319542.386	3403921.777	-7.510	1001 L0.0163 173+00.00 R143.82
13796	319542.796	3403922.215	-7.290	1001 L0.0360 173+00.00 R144.42
13797	319548.250	3403928.039	-7.150	1001 R0.0000 173+00.00 R152.40
13798	319552.073	3403932.120	-6.890	1001 R0.0008 173+00.00 R158.00
13799	316057.967	3399967.569	0.440	1001 R0.9775 112+60.00 L80.52
13800	316060.870	3399983.534	0.820	1001 R0.9775 112+60.00 L64.29
13801	316063.430	3399997.613	1.380	1001 R0.9775 112+60.00 L49.98
13802	316065.737	3400010.301	1.610	1001 R0.9775 112+60.00 L37.09
13803	316067.297	3400018.878	2.140	1001 R0.9775 112+60.00 L28.37
13804	316069.608	3400031.589	4.630	1001 R0.9775 112+60.00 L15.45
13805	316070.910	3400038.752	5.980	1001 R0.9775 112+60.00 L8.17
13806	316072.170	3400045.680	6.371	1001 R0.9176 112+60.00 L1.13
13807	316072.249	3400046.117	6.352	1001 R2.7613 112+60.00 L0.68
13808	316073.400	3400052.446	6.090	1001 L0.9775 112+60.00 R5.75
13809	316075.767	3400065.461	3.320	1001 L0.9775 112+60.00 R18.98
13810	316078.276	3400079.262	1.460	1001 L0.9775 112+60.00 R33.00
13811	316078.343	3400079.632	0.570	1001 L0.9775 112+60.00 R33.38
13812	316082.602	3400103.054	-0.070	1001 L0.9775 112+60.00 R57.19
13813	316084.063	3400111.089	-0.780	1001 L0.9775 112+60.00 R65.35
13814	316085.075	3400116.653	0.000	1001 L0.8573 112+60.00 R71.01
13815	316085.600	3400119.542	-0.450	1001 L0.9775 112+60.00 R73.95
13816	316086.003	3400121.757	-0.630	1001 L0.9775 112+60.00 R76.20
13817	316086.116	3400122.379	-2.380	1001 L0.9775 112+60.00 R76.83
13818	316087.150	3400128.067	-5.110	1001 L0.9775 112+60.00 R82.61
13819	316089.133	3400138.970	-5.010	1001 L0.9775 112+60.00 R93.69
13820	316091.274	3400150.747	-4.510	1001 L0.9775 112+60.00 R105.66
13821	316093.629	3400163.696	-4.030	1001 L0.9775 112+60.00 R118.82
13822	316095.437	3400173.643	-1.620	1001 L0.9775 112+60.00 R128.93

13823	316097.439	3400184.652	-1.140	1001 L0.9775 112+60.00 R140.12
13824	316099.350	3400195.161	-1.100	1001 L0.9775 112+60.00 R150.80
13825	316101.109	3400204.836	-0.820	1001 L0.9775 112+60.00 R160.64
13826	316102.658	3400213.353	-0.780	1001 L0.9775 112+60.00 R169.29
13827	316103.943	3400220.422	-0.830	1001 L0.9775 112+60.00 R176.48
14001	315639.460	3399641.471	5.945	105+86.25
14002	315649.585	3399662.041	6.039	106+09.18
14003	315669.861	3399703.236	6.047	106+55.09
14004	315687.384	3399738.836	5.350	106+94.77
14005	315702.772	3399770.101	5.393	107+29.62
14006	315718.097	3399801.235	5.179	107+64.32
14007	315732.445	3399830.386	5.797	107+96.81
14008	315748.877	3399856.649	5.942	108+27.80
14009	315764.045	3399880.579	6.035	108+56.13
14010	315782.474	3399909.652	5.779	108+90.56
14011	315801.108	3399939.050	5.806	109+25.36
14012	315816.742	3399963.715	6.385	109+54.56
14013	315831.973	3399987.745	6.054	109+83.01
14014	315851.147	3400017.994	7.401	110+18.83
14015	315870.758	3400048.932	7.502	110+55.46
14016	315925.207	3400053.731	6.720	111+12.03
14017	315958.037	3400054.338	6.279	111+44.86
14018	315987.198	3400054.877	6.274	111+74.03
14019	316023.349	3400055.545	6.250	112+10.19
14020	316041.952	3400052.321	6.386	112+29.08
14021	316075.088	3400046.296	6.352	112+62.76
14022	316087.638	3400044.014	4.956	112+75.52
14023	318224.310	3400866.200	5.610	137+63.36
14024	318207.156	3400882.136	5.946	137+86.77
14025	318189.908	3400898.160	5.822	138+10.31
14026	318169.055	3400917.532	6.185	138+38.78
14027	318146.329	3400938.644	5.745	138+69.80
14028	318120.269	3400962.855	5.871	139+05.37
14029	318098.942	3400982.667	5.814	139+34.48
14030	318075.245	3401004.681	5.769	139+66.82
14031	318051.814	3401026.449	5.630	139+98.80
14032	318055.040	3401060.438	5.826	140+33.12
14033	318058.301	3401091.379	5.430	140+64.23
14034	318062.211	3401128.483	5.389	141+01.54
14035	318065.960	3401164.060	5.739	141+37.32
14036	318070.010	3401202.490	6.154	141+75.96
14037	318069.873	3401224.352	5.935	141+97.82
14038	318069.659	3401258.300	5.890	142+31.77
14039	318069.440	3401293.061	5.802	142+66.53
14040	318069.242	3401324.565	5.666	142+98.04
14041	318069.000	3401363.100	5.790	143+36.57
14042	318080.363	3401399.466	5.423	143+74.67
14043	318089.639	3401429.152	5.564	144+05.77
14044	318098.576	3401457.752	5.242	144+35.74
14045	318108.250	3401488.712	5.815	144+68.17
14046	318120.912	3401529.237	6.380	145+10.63

14047	318135.600	3401558.686	6.309	145+43.54
14048	318154.101	3401595.555	6.057	145+84.80
14049	318171.044	3401629.321	6.074	146+22.57
14050	318183.582	3401654.307	5.670	146+50.53
14051	318199.349	3401685.727	5.982	146+85.68
14052	318214.426	3401715.773	6.367	147+19.30
14053	318231.228	3401749.257	6.430	147+56.76
14054	318249.164	3401776.162	6.157	147+89.10
14055	318268.769	3401805.474	6.307	148+24.37
14056	318286.495	3401831.974	6.177	148+56.25
14057	318303.059	3401856.738	6.166	148+86.04
14058	318320.992	3401883.550	6.214	149+18.30
14059	318341.509	3401914.224	5.857	149+55.20
14060	318357.798	3401938.577	6.039	149+84.50
14061	318375.289	3401964.726	6.070	150+15.96
14062	318392.671	3401990.713	6.147	150+47.22
14063	318410.295	3402017.062	6.358	150+78.92
14064	318429.297	3402045.470	6.160	151+13.10
14065	318440.440	3402066.776	5.991	151+37.14
14066	318454.290	3402093.317	5.746	151+67.08
14067	318468.498	3402120.543	6.565	151+97.79
14068	318484.359	3402150.937	5.844	152+32.08
14069	318484.831	3402151.841	6.527	152+33.10
14070	318499.155	3402179.290	6.593	152+64.06
14071	318512.407	3402204.686	6.736	152+92.70
14072	318527.949	3402234.469	6.522	153+26.30
14073	318542.955	3402263.224	6.341	153+58.73
14074	318557.535	3402291.163	5.353	153+90.25
14075	318573.971	3402322.659	5.800	154+25.77
14076	318584.267	3402339.503	5.348	154+45.52
14077	318603.048	3402370.183	5.231	154+81.49
14078	318618.640	3402395.655	5.357	155+11.35
14079	318634.337	3402421.296	5.555	155+41.42
14080	318651.259	3402448.938	5.110	155+73.83
14081	318665.133	3402471.602	5.495	156+00.40
14082	318682.180	3402499.450	5.180	156+33.05
14083	318690.736	3402521.713	5.325	156+56.90
14084	318703.277	3402554.344	5.170	156+91.86
14085	318717.221	3402590.624	5.217	157+30.73
14086	318729.978	3402623.818	4.976	157+66.29
14087	318743.148	3402658.086	5.675	158+03.00
14088	318756.696	3402693.337	5.410	158+40.77
14089	318770.142	3402728.322	6.117	158+78.25
14090	318779.548	3402752.797	5.713	159+04.47
14091	318793.400	3402788.838	5.530	159+43.08
14092	318807.461	3402819.188	5.290	159+76.53
14093	318819.250	3402844.628	5.097	160+04.56
14094	318832.072	3402872.296	5.460	160+35.06
14095	318846.714	3402903.891	5.170	160+69.88
14096	318856.885	3402925.838	5.231	160+94.07
14097	318865.783	3402945.039	5.023	161+15.23

14098	318878.092	3402971.601	5.632	161+44.51
14099	318893.306	3403004.429	5.616	161+80.69
14100	318906.875	3403033.709	5.065	162+12.96
14101	318907.112	3403034.221	4.767	162+13.53
14102	318920.242	3403062.553	5.713	162+44.75
14103	318933.451	3403091.058	5.396	162+76.17
14104	318946.570	3403119.367	5.188	163+07.37
14105	318960.989	3403150.481	5.308	163+41.66
14106	318974.218	3403179.027	5.354	163+73.13
14107	318987.190	3403207.019	5.339	164+03.98
14108	319001.739	3403238.498	5.422	164+38.66
14109	319006.857	3403253.833	5.452	164+54.83
14110	319016.195	3403281.811	5.190	164+84.32
14111	319025.099	3403308.492	4.992	165+12.45
14112	319034.713	3403337.302	4.929	165+42.82
14113	319044.462	3403366.514	4.932	165+73.62
14114	319054.303	3403395.999	5.071	166+04.70
14115	319063.967	3403424.959	5.076	166+35.23
14116	319073.951	3403454.874	5.253	166+66.77
14117	319084.279	3403485.820	5.206	166+99.39
14118	319093.775	3403514.277	4.922	167+29.39
14119	319103.790	3403544.284	5.305	167+61.02
14120	319113.662	3403573.864	5.049	167+92.21
14121	319124.620	3403606.700	5.280	168+26.82
14122	319132.997	3403619.489	5.593	168+42.11
14123	319148.630	3403643.355	5.292	168+70.64
14124	319165.155	3403668.583	5.024	169+00.80
14125	319183.281	3403696.255	5.047	169+33.88
14126	319199.103	3403720.410	4.927	169+62.76
14127	319214.625	3403744.107	5.201	169+91.08
14128	319232.195	3403770.931	5.768	170+23.15
14129	319247.774	3403794.714	5.645	170+51.58
14130	319263.243	3403818.329	5.532	170+79.81
14131	319276.600	3403825.504	5.623	170+95.01
14132	319304.000	3403839.857	5.465	171+25.95
14133	319329.613	3403853.273	5.106	171+54.86
14134	319356.955	3403867.595	5.933	171+85.73
14135	319376.513	3403877.840	5.680	172+07.81
14136	319407.580	3403850.976	5.800	172+50.00
14137	319444.076	3403816.799	4.560	173+00.00
14138	319679.543	3404002.042	4.366	183+35.61
14139	319674.194	3404003.165	4.216	183+41.08
14140	319659.992	3404006.145	4.760	183+55.59
14141	319638.088	3404010.742	5.315	183+77.97
14142	319626.949	3404013.080	5.621	183+89.35
14143	319617.970	3404014.964	5.644	183+98.53
14144	319616.836	3404015.202	5.752	183+99.69
14145	319598.638	3404019.022	6.006	184+18.28
14146	319579.749	3404022.986	6.217	184+37.58
14147	319568.915	3404025.259	6.124	184+48.65
14148	319560.325	3404027.062	6.105	184+57.43

14149	319548.195	3404029.608	5.961	184+69.82
14150	319545.351	3404043.824	5.678	184+92.57
14151	319548.605	3404050.550	6.073	185+00.05
14152	319553.265	3404060.182	5.955	185+10.75
14153	319562.672	3404079.628	5.878	185+32.35
14154	319566.660	3404087.870	5.409	185+41.50
14155	319578.786	3404112.936	4.897	185+69.35
14156	319590.985	3404138.152	4.895	185+97.36
14157	319601.979	3404160.877	4.970	186+22.61
14158	319612.945	3404183.544	5.215	186+47.79
14159	319623.848	3404206.083	5.084	186+72.82
14160	319628.418	3404215.528	5.263	186+83.32
14161	319634.279	3404223.715	5.261	186+93.41
14162	319650.896	3404245.770	5.283	187+21.02
14163	319667.510	3404267.819	5.888	187+48.63
14164	319684.324	3404290.134	5.812	187+76.57
14165	319701.152	3404312.467	5.291	188+04.53
14166	319716.648	3404333.033	5.633	188+30.28
14167	319729.400	3404349.957	5.609	188+51.47
14168	319744.646	3404370.191	5.176	188+76.81
14169	319755.743	3404395.593	5.044	189+04.55
14170	319765.540	3404418.413	4.896	189+29.38
14171	319776.251	3404443.363	5.311	189+56.53
14172	319785.621	3404465.187	4.791	189+80.28
14173	319793.908	3404484.489	5.387	190+01.29
14174	319796.692	3404490.973	5.173	190+08.35
14175	319803.674	3404504.968	5.507	190+23.99
14176	319814.172	3404526.013	5.611	190+47.50
14177	319822.436	3404542.578	5.473	190+66.02
14178	319833.717	3404565.189	5.441	190+91.29
14179	319844.751	3404587.308	5.344	191+16.00
14180	319863.346	3404624.581	5.112	191+57.66
14181	319873.899	3404645.735	5.381	191+81.30
14182	319886.403	3404670.798	5.385	192+09.31
14183	319888.188	3404674.375	5.314	192+13.30
14184	319901.474	3404695.173	5.259	192+37.98
14185	319915.481	3404717.075	4.886	192+63.98
14186	319927.274	3404735.517	5.295	192+85.87
14187	319939.292	3404754.308	5.317	193+08.18
14188	319953.300	3404776.212	5.276	193+34.18
14189	319965.349	3404795.052	5.138	193+56.54
14190	319980.028	3404818.005	5.137	193+83.79
14191	319993.648	3404839.303	5.189	194+09.07
14192	320007.410	3404860.822	5.079	194+34.61
14193	320019.475	3404879.687	5.309	194+57.00
14194	320032.073	3404899.386	5.244	194+80.39
14195	320038.328	3404909.021	5.214	194+91.89
14196	320048.410	3404915.497	5.193	195+03.87
14197	320067.652	3404927.857	5.320	195+26.74
14198	320083.074	3404937.763	4.675	195+45.07
14199	320099.014	3404948.001	4.864	195+64.02

14200	320112.277	3404956.520	5.237	195+79.78
14201	320119.367	3404961.074	7.233	195+88.21
14202	320157.953	3404990.907	7.320	196+38.32
14203	320168.306	3405023.010	1.962	196+72.05
14204	320170.894	3405031.035	0.623	196+80.48
14205	320177.919	3405052.820	-0.031	197+03.37
14206	320180.068	3405059.484	1.062	197+10.37
14207	320191.133	3405092.621	6.582	197+45.32
14208	320209.289	3405138.950	7.269	197+95.08
14209	320210.236	3405141.367	5.785	197+97.67
14210	320213.477	3405149.636	5.903	198+06.55
14211	320221.584	3405170.323	5.830	198+28.77
14212	320227.411	3405185.190	5.657	198+44.74
14213	320235.183	3405205.023	6.287	198+66.04
14214	320242.928	3405224.784	6.125	198+87.27
14215	320246.204	3405232.888	6.181	198+96.01
14216	320254.136	3405247.404	6.367	199+12.56
14217	320267.337	3405271.559	6.415	199+40.08
14218	320281.045	3405296.645	6.461	199+68.67
14219	320293.022	3405318.563	6.212	199+93.65
14220	320295.817	3405323.678	5.886	199+99.48
14221	320304.926	3405340.347	5.632	200+18.47
14222	320317.163	3405362.740	5.102	200+43.99
14223	320328.566	3405383.607	5.647	200+67.77
14224	320341.321	3405406.947	5.995	200+94.37
14225	320354.389	3405430.862	5.419	201+21.62
14226	320367.208	3405454.320	5.405	201+48.35
14227	320379.058	3405476.005	5.182	201+73.06
14228	320392.638	3405500.856	5.312	202+01.38
14229	320403.907	3405521.478	5.276	202+24.88
14230	320415.743	3405543.136	5.141	202+49.56
14231	320428.014	3405565.592	5.182	202+75.15
14232	320440.626	3405588.671	5.127	203+01.45
14233	320452.902	3405611.137	5.086	203+27.05
14234	320463.217	3405630.011	5.255	203+48.56
14235	320473.344	3405648.545	5.032	203+69.68
14236	320483.838	3405667.748	5.129	203+91.57
14237	320496.585	3405691.075	5.171	204+18.15
14238	320507.408	3405710.880	5.017	204+40.72
14239	320516.980	3405728.396	5.267	204+60.68
14240	320525.686	3405744.328	5.082	204+78.84
14241	320535.237	3405761.805	5.132	204+98.75
14242	320545.676	3405780.908	5.221	205+20.52
14243	320555.798	3405799.430	5.078	205+41.63
14244	320556.373	3405800.540	5.080	205+42.88
14245	320563.867	3405820.047	5.235	205+63.78
14246	320571.854	3405840.837	5.217	205+86.05
14247	320579.252	3405860.095	5.182	206+06.68
14248	320586.919	3405880.052	5.078	206+28.06
14249	320594.995	3405901.072	5.107	206+50.58
14250	320602.936	3405921.744	5.200	206+72.72

14251	320609.717	3405939.394	5.088	206+91.63
14252	320616.998	3405958.346	5.273	207+11.93
14253	320626.545	3405983.196	5.453	207+38.55
14254	320634.181	3406003.075	5.274	207+59.85
14255	320641.536	3406022.218	5.606	207+80.35
14256	320650.315	3406045.069	5.958	208+04.83
14257	320658.570	3406066.559	5.456	208+27.85
14258	320667.049	3406088.629	5.539	208+51.50
14259	320676.412	3406113.000	5.590	208+77.60
14260	320681.176	3406125.482	5.667	208+90.97
14261	320681.301	3406125.896	5.620	208+91.40
14262	320681.517	3406126.609	5.693	208+92.14
14263	320685.231	3406138.875	5.495	209+04.96
14264	320692.270	3406162.125	5.797	209+29.25
14265	320698.309	3406182.069	5.885	209+50.09
14266	320700.922	3406190.700	5.633	209+59.11
14267	320707.270	3406211.667	5.599	209+81.01
14268	320713.158	3406231.113	5.508	210+01.33
14269	320719.240	3406251.201	5.545	210+22.32
14270	320726.250	3406274.353	5.456	210+46.51
14271	320732.109	3406293.705	5.083	210+66.73
14272	320738.773	3406315.715	5.069	210+89.73
14273	320745.869	3406339.150	5.187	211+14.21
14274	320752.592	3406361.354	5.147	211+37.41
14275	320755.139	3406369.768	5.225	211+46.20
14276	320758.386	3406382.253	5.379	211+59.10
14277	320763.035	3406400.262	5.367	211+77.70
14278	320767.488	3406417.509	5.230	211+95.52
14279	320771.407	3406432.691	5.097	212+11.20
14280	320776.509	3406452.450	4.840	212+31.60
14281	320781.079	3406470.151	5.170	212+49.88
14282	320784.120	3406481.930	4.950	212+62.05
14283	320787.062	3406493.325	5.188	212+73.82
14284	320791.158	3406509.191	5.064	212+90.20
14285	320796.493	3406529.859	5.439	213+11.55
14286	320800.788	3406546.495	5.293	213+28.73
14287	320804.576	3406561.165	4.814	213+43.88
14288	320808.102	3406574.823	4.891	213+57.99
14289	320812.258	3406590.921	5.196	213+74.61
14290	320816.670	3406608.012	5.125	213+92.27
14291	320820.875	3406624.298	5.275	214+09.09
14292	320825.780	3406643.299	5.665	214+28.71
14293	320829.956	3406659.475	5.583	214+45.42
14294	320833.492	3406673.169	5.536	214+59.56
14295	320835.281	3406680.092	5.442	214+66.71
14296	320838.362	3406691.567	5.462	214+78.59
14297	320843.620	3406711.150	5.446	214+98.87
14298	320849.303	3406732.314	5.461	215+20.78
14299	320855.645	3406755.934	5.732	215+45.24
14300	320860.145	3406772.692	5.773	215+62.59
14301	320865.213	3406791.567	5.778	215+82.13

14302	320869.873	3406808.921	5.650	216+00.10
14303	320874.355	3406825.615	5.491	216+17.39
14304	320880.274	3406847.656	5.630	216+40.21
14305	320885.831	3406868.353	5.527	216+61.64
14306	320891.773	3406890.480	5.834	216+84.55
14307	320898.585	3406915.852	5.802	217+10.82
14308	320903.983	3406935.955	6.139	217+31.64
14309	320910.753	3406961.167	5.830	217+57.74
14310	320915.618	3406979.287	5.993	217+76.50
14311	320921.355	3407000.650	5.689	217+98.62
14312	320926.903	3407021.313	6.021	218+20.02
14313	320933.090	3407044.355	6.060	218+43.88
14314	320935.791	3407050.712	6.001	218+51.06
14315	319710.899	3407747.460	5.421	237+97.23
14316	319681.986	3407745.844	5.856	238+26.19
14317	319658.743	3407744.545	5.963	238+49.47
14318	319637.070	3407743.334	6.051	238+71.17
14319	319611.121	3407741.883	5.747	238+97.16
14320	319582.558	3407740.287	5.933	239+25.77
14321	319554.016	3407738.691	5.478	239+54.36
14322	319528.246	3407737.251	5.627	239+80.17
14323	319518.695	3407736.717	5.741	239+89.73
14324	319486.997	3407734.946	4.880	240+21.48
14328	319293.043	3407686.028	4.906	242+22.49
14329	319278.788	3407684.207	5.139	242+36.86
14330	319198.441	3407674.678	5.230	243+17.89
14331	319071.977	3407701.482	5.993	244+47.16
14332	319049.812	3407706.180	5.424	244+69.82
14333	318975.567	3407721.917	5.580	245+45.71
14334	318949.683	3407727.403	5.521	245+72.17
14335	318933.689	3407730.793	5.066	245+88.52
14336	318919.158	3407732.970	5.448	246+03.29
14337	318898.941	3407732.552	5.531	246+23.51
14338	318802.050	3407730.550	6.126	247+20.42
14339	318783.386	3407719.384	5.815	247+42.17
14340	318755.634	3407702.782	5.909	247+74.51
14341	318724.867	3407684.376	6.319	248+10.36
14342	318701.689	3407670.510	5.901	248+37.37
14343	318681.771	3407658.593	6.220	248+60.58
14344	318679.298	3407656.805	5.323	248+63.66
14345	318671.625	3407649.097	6.019	248+74.53
14346	318651.804	3407629.187	6.204	249+02.63
14347	318630.014	3407607.300	5.942	249+33.51
14348	318602.283	3407579.445	6.123	249+72.82
14349	318583.119	3407560.194	5.796	249+99.98
14350	318558.001	3407534.964	5.411	250+35.58
14351	318550.079	3407522.233	5.393	250+50.60
14352	318533.722	3407495.110	5.232	250+82.27
14353	318519.386	3407471.337	4.711	251+10.03
14354	318508.863	3407453.889	5.175	251+30.41
14355	318463.929	3407428.352	5.233	251+82.48

14356	318430.077	3407410.373	5.700	252+20.81
14357	318413.312	3407401.469	5.885	252+39.79
14358	318387.008	3407403.144	6.032	252+66.52
14359	318355.661	3407406.700	5.903	252+98.07
14360	318325.879	3407410.078	6.236	253+28.04
14361	318296.264	3407413.438	6.079	253+57.85
14362	318264.627	3407417.027	5.958	253+89.69
14363	318243.423	3407419.433	6.166	254+11.03
14364	318218.190	3407442.835	6.090	254+46.07
14365	318202.679	3407458.907	5.663	254+68.41
14372	318017.951	3407414.333	5.133	256+92.16
14373	318014.139	3407402.383	5.574	257+04.71
14374	318006.654	3407378.923	5.502	257+29.33
14375	317998.696	3407353.981	6.002	257+55.51
14376	317996.228	3407346.247	5.642	257+63.63
14377	317986.767	3407327.583	5.899	257+84.56
14378	317971.975	3407298.563	5.849	258+17.13
14379	317960.947	3407276.930	5.462	258+41.41
14380	317951.954	3407259.287	5.329	258+61.22
14381	317942.064	3407239.884	5.561	258+82.99
14382	317940.772	3407233.287	5.641	258+89.75
14383	317936.700	3407207.843	6.004	259+15.52
14384	317933.253	3407186.304	5.727	259+37.33
14385	317929.723	3407164.250	5.830	259+59.66
14386	317926.764	3407116.535	6.357	260+07.95
14387	317931.090	3407086.198	5.831	260+38.59
14388	317934.136	3407064.838	5.865	260+60.17
14389	317937.155	3407043.663	6.104	260+81.56
14390	317940.333	3407021.378	5.958	261+04.07
14391	317943.759	3407000.807	6.134	261+25.04
14392	317961.056	3406977.710	6.353	261+53.90
14393	317975.467	3406958.468	6.544	261+77.94
14394	317989.365	3406939.911	6.757	262+01.12
14395	318002.608	3406922.227	6.663	262+23.21
14396	318014.106	3406906.874	6.990	262+42.39
14397	318029.521	3406886.290	6.934	262+68.11
14398	318038.589	3406874.182	6.157	262+83.24
14399	318035.638	3406852.274	6.695	263+06.37
14400	318031.395	3406835.243	6.279	263+23.92
14401	318025.937	3406813.334	6.031	263+46.50
14402	318019.590	3406787.856	6.531	263+72.75
14403	318017.087	3406777.810	6.360	263+83.11
14404	318014.576	3406767.730	6.043	263+93.49
14405	318011.923	3406757.078	6.409	264+04.47
14406	318010.510	3406751.407	6.534	264+10.31
14407	318009.220	3406746.230	6.290	264+15.65
14408	317976.336	3406752.875	6.766	264+49.20
14409	317954.835	3406757.220	6.898	264+71.13
14410	317934.993	3406761.230	6.530	264+91.38
14411	317921.063	3406764.045	6.181	265+05.59
14412	317897.728	3406768.761	6.008	265+29.40

14413	317873.529	3406773.651	5.483	265+54.08
14414	317854.728	3406777.450	6.110	265+73.27
14415	317830.021	3406779.550	6.593	265+98.09
14416	317798.928	3406781.497	7.075	266+29.25
14417	317779.455	3406782.717	6.205	266+48.76
14418	317754.571	3406784.275	5.891	266+73.69
14419	317724.094	3406786.184	5.235	267+04.23
14420	317708.502	3406785.192	6.189	267+20.23
14421	317683.635	3406773.477	5.976	267+47.72
14422	317657.545	3406761.185	5.806	267+76.56
14423	317639.299	3406752.589	5.731	267+96.73
14424	317615.364	3406741.312	5.981	268+23.19
14425	317601.048	3406734.567	6.125	268+39.01
14426	317593.232	3406726.367	5.998	268+50.58
14427	317578.611	3406707.101	5.783	268+74.77
14428	317562.087	3406685.328	6.193	269+02.10
14429	317547.922	3406666.663	6.457	269+25.53
14430	317534.180	3406648.556	6.541	269+48.26
14431	317519.129	3406628.723	6.667	269+73.16
14432	317506.401	3406611.952	6.129	269+94.22
14433	317488.592	3406588.013	6.507	270+24.10
14434	317484.844	3406575.639	6.671	270+37.03
14435	317476.676	3406548.668	6.205	270+65.21
14436	317470.185	3406527.233	5.756	270+87.61
14437	317461.388	3406498.183	6.026	271+17.96
14438	317453.636	3406472.588	6.461	271+44.70
14439	317446.169	3406447.930	5.878	271+70.47
14440	317439.257	3406425.107	5.730	271+94.31
14441	317428.099	3406388.262	5.583	272+32.81
14442	317420.208	3406362.204	5.310	272+60.04
14443	317409.902	3406328.172	5.132	272+95.60
14444	317403.350	3406306.537	5.441	273+18.20
14445	317397.689	3406287.844	5.643	273+37.73
14446	317389.996	3406262.444	5.637	273+64.27
14447	317382.474	3406237.603	5.797	273+90.23
14448	317375.294	3406213.896	5.638	274+15.00
14449	317368.517	3406191.516	5.658	274+38.38
14450	317360.824	3406166.113	5.447	274+64.92
14451	317351.516	3406135.377	5.427	274+97.04
14452	317345.627	3406115.933	5.708	275+17.36
14453	317339.082	3406094.320	5.463	275+39.94
14454	317338.696	3406093.046	5.055	275+41.27
14455	317334.403	3406067.834	5.459	275+66.84
14456	317330.203	3406043.104	5.630	275+91.93
14457	317325.666	3406016.384	5.803	276+19.03
14458	317320.385	3405985.291	5.334	276+50.57
14459	317315.392	3405955.890	5.864	276+80.39
14460	317311.183	3405928.859	5.395	277+07.78
14461	317311.407	3405918.563	5.245	277+18.08
14462	317312.148	3405884.512	5.039	277+52.14
14463	317312.897	3405850.089	4.871	277+86.57

14464	317313.558	3405819.723	5.620	278+16.94
14465	317314.282	3405786.453	5.581	278+50.22
14466	317315.113	3405748.275	5.658	278+88.41
14467	317315.658	3405723.250	5.548	279+13.44
14468	317316.121	3405701.971	5.190	279+34.72
14469	317316.566	3405681.515	5.599	279+55.18
14470	317317.128	3405655.692	5.322	279+81.01
14471	317320.462	3405636.863	5.248	280+00.15
14472	317325.587	3405609.330	5.350	280+28.15
14473	317330.007	3405585.578	5.474	280+52.31
14474	317334.908	3405559.247	5.369	280+79.10
14475	317339.511	3405534.513	5.224	281+04.26
14476	317343.866	3405511.115	5.557	281+28.05
14477	317348.017	3405488.809	4.939	281+50.74
14478	317353.235	3405460.772	5.218	281+79.26
14479	317358.531	3405432.316	5.242	282+08.21
14480	317364.430	3405400.620	5.465	282+40.45
14481	317368.259	3405380.045	5.447	282+61.38
14482	317372.486	3405356.283	5.534	282+85.54
14483	317369.682	3405340.008	5.700	283+02.06
14484	317366.801	3405323.282	5.549	283+19.03
14485	317362.531	3405298.495	5.506	283+44.18
14486	317358.992	3405277.954	5.822	283+65.03
14487	317355.067	3405255.173	5.988	283+88.14
14488	317351.087	3405232.066	5.812	284+11.59
14489	317347.530	3405211.420	5.962	284+32.54
14490	317347.316	3405210.181	5.909	284+33.80
14491	317344.080	3405191.394	5.651	284+52.86
14492	317336.851	3405179.302	5.846	284+66.96
14493	317325.018	3405159.714	5.644	284+89.85
14494	317311.215	3405136.865	6.004	285+16.54
14495	317300.026	3405118.343	5.774	285+38.18
14496	317287.608	3405097.787	5.987	285+62.20
14497	317276.351	3405079.152	5.831	285+83.97
14498	317262.374	3405056.013	5.848	286+11.00
14499	317246.470	3405029.687	5.473	286+41.76
14500	317234.183	3405009.346	5.724	286+65.52
14501	317223.592	3404991.840	5.931	286+85.98
14502	317214.993	3404980.122	5.877	287+00.52
14503	317204.345	3404965.611	5.733	287+18.52
14504	317192.230	3404949.103	5.898	287+38.99
14505	317181.992	3404935.152	5.839	287+56.30
14506	317169.820	3404918.565	5.607	287+76.87
14507	317148.460	3404889.457	5.423	288+12.98
14508	317137.181	3404874.088	5.302	288+32.04
14509	317121.598	3404852.852	5.185	288+58.38
14510	317114.499	3404847.748	5.205	288+67.16
14511	317098.283	3404836.706	5.521	288+86.78
14512	317082.070	3404825.667	5.517	289+06.39
14513	317063.667	3404813.136	5.284	289+28.65
14514	317048.409	3404802.748	5.598	289+47.11

14515	317030.960	3404790.867	5.646	289+68.22
14516	317012.251	3404778.128	5.542	289+90.86
14517	316994.194	3404765.833	5.528	290+12.70
14518	316972.913	3404751.343	5.661	290+38.45
14519	316951.612	3404738.416	5.798	290+63.37
14520	316936.517	3404729.300	5.609	290+81.00
14521	316920.170	3404719.428	5.702	291+00.10
14522	316900.689	3404707.663	5.798	291+22.86
14523	316875.206	3404692.273	5.926	291+52.62
14524	316852.472	3404678.543	5.910	291+79.18
14525	316839.847	3404670.919	5.482	291+93.93
14526	316817.825	3404657.619	5.464	292+19.66
14527	316800.737	3404647.299	5.433	292+39.62
14528	316775.931	3404632.318	5.346	292+68.60
14529	316774.329	3404630.918	5.687	292+70.75
14530	316762.470	3404617.452	5.853	292+88.70
14531	316745.864	3404598.595	5.794	293+13.82
14532	316724.821	3404574.699	5.776	293+45.66
14533	316708.639	3404556.324	5.546	293+70.15
14534	316691.091	3404536.397	5.637	293+96.70
14535	316668.817	3404511.104	5.946	294+30.40
14536	316649.677	3404489.369	5.681	294+59.36
14537	316631.273	3404468.470	5.455	294+87.21
14538	316608.271	3404442.349	5.042	295+22.02
14539	316599.511	3404411.941	5.650	295+53.69
14540	316591.848	3404384.901	4.879	295+81.80
14541	316582.863	3404353.194	5.024	296+14.75
14542	316576.076	3404329.245	5.330	296+39.64
14543	316567.982	3404300.682	5.427	296+69.33
14544	316561.105	3404276.417	5.111	296+94.55
14545	316554.441	3404252.898	5.381	297+19.00
14546	316556.313	3404228.002	5.623	297+43.97
14547	316558.364	3404201.641	5.398	297+70.42
14548	316560.360	3404175.985	5.335	297+96.15
14549	316562.201	3404152.317	5.735	298+19.89
14550	316563.985	3404129.386	5.911	298+42.89
14551	316565.842	3404105.511	6.092	298+66.84
14552	316568.035	3404077.325	5.715	298+95.11
14553	316569.661	3404056.424	5.534	299+16.07
14554	316571.612	3404031.340	5.593	299+41.23
14555	316573.232	3404010.517	5.680	299+62.12
14556	316574.855	3403989.653	5.891	299+83.04
14557	316576.657	3403966.495	6.199	300+06.27
14558	316578.551	3403943.285	5.699	300+29.57
14559	316588.023	3403910.778	6.015	300+63.43
14560	316594.904	3403887.163	5.588	300+88.02
14561	316604.390	3403854.609	5.510	301+21.93
14562	316604.494	3403854.253	5.317	301+22.30
14563	316612.314	3403827.418	5.495	301+50.25
14564	316619.090	3403804.163	5.703	301+74.48
14565	316626.874	3403777.451	5.293	302+02.30

14566	316636.395	3403744.775	5.669	302+36.33
14567	316643.812	3403719.322	5.675	302+62.85
14568	316651.953	3403691.383	5.758	302+91.95
14569	316660.349	3403662.568	6.795	303+21.96
14570	316670.312	3403628.379	6.601	303+57.57
14571	318069.782	3407494.607	-1.030	1001 L0.0000 256+02.00 L28.08
14572	318070.611	3407484.852	-0.450	1001 L0.0000 256+02.00 L18.29
14573	318071.158	3407478.432	0.560	1001 L0.0000 256+02.00 L11.84
14574	318071.655	3407472.589	1.100	1001 L0.0000 256+02.00 L5.98
14575	318071.942	3407469.212	1.050	1001 L0.0000 256+02.00 L2.59
14576	318072.202	3407466.157	-0.240	1001 L0.0000 256+02.00 R0.48
14577	318072.575	3407461.776	-0.830	1001 L0.0000 256+02.00 R4.87
14578	318033.805	3407460.952	6.707	1001 L1.5817 256+40.70 R2.41
14579	317986.147	3407475.034	1.379	1001 R0.4346 256+44.00 L48.75
14580	317997.030	3407471.562	3.227	R0.2163 256+44.00 L37.33
14581	318007.915	3407468.089	5.076	1001 L0.0021 256+44.00 L25.90
14582	318014.437	3407466.008	6.229	R0.1092 256+44.00 L19.06
14583	318020.958	3407463.928	7.382	1001 R0.2205 256+44.00 L12.21
14584	318026.222	3407462.249	7.639	1001 L1.0814 256+44.00 L6.69
14585	318032.088	3407460.377	6.707	1001 L0.4628 256+44.00 L0.53
14586	318043.177	3407456.839	4.328	1001 R0.2811 256+44.00 R11.11
14587	318054.697	3407453.163	1.535	R0.0195 256+44.00 R23.21
14588	318066.218	3407449.488	-1.258	1001 L0.2421 256+44.00 R35.30
14589	317973.381	3407426.624	1.776	1001 L0.4377 256+94.00 L46.20
14590	317983.762	3407423.312	3.463	L0.2188 256+94.00 L35.30
14591	317994.141	3407420.001	5.150	1001 R0.0000 256+94.00 L24.41
14592	318002.899	3407417.206	6.430	L0.0000 256+94.00 L15.21
14593	318011.657	3407414.412	7.710	1001 R0.0000 256+94.00 L6.02
14594	318017.760	3407412.465	7.840	1001 L0.0000 256+94.00 R0.39
14595	318023.112	3407410.758	7.170	1001 L0.0000 256+94.00 R6.00
14596	318035.394	3407406.839	5.580	1001 L0.0000 256+94.00 R18.90
14597	318051.358	3407401.746	2.430	1001 R0.0000 256+94.00 R35.65
14598	318056.451	3407400.121	0.360	1001 R0.0000 256+94.00 R41.00
14599	319471.687	3407766.580	0.686	STA240+35.778 L32.439 R0.7784 2
14600	319472.364	3407754.459	3.406	STA240+34.309 L20.300 L0.6906 2
14601	319473.171	3407740.025	6.978	STA240+35.607 L5.843 R0.6071 24
14602	319473.451	3407735.014	6.965	STA240+35.650 L0.824 R0.6501 24
14603	319473.849	3407727.895	7.228	STA240+35.140 R6.306 L0.1405 24
14604	319474.952	3407708.155	4.576	STA240+35.477 R26.077 L0.4767 2
14605	319476.332	3407683.457	0.246	STA240+35.245 R50.813 L0.2454 2
14606	319476.283	3407708.716	4.576	STA240+35.477 R26.077 L1.9001 2
14607	319422.438	3407762.501	0.580	STA240+71.289 L41.316 L0.0000 2
14608	319425.774	3407752.227	2.150	L0.0000 240+75.00 L30.51
14609	319429.109	3407741.953	3.720	STA240+69.644 L19.712 L0.0000 2
14610	319431.290	3407735.236	5.255	R0.4403 240+75.00 L12.65
14611	319433.471	3407728.519	6.790	R0.8805 240+75.00 L5.59
14612	319435.096	3407723.514	6.830	STA240+69.731 L0.326 L0.0000 24
14613	319436.543	3407719.055	6.710	STA240+69.691 R4.362 L0.0000 24
14614	319441.536	3407703.676	4.520	STA240+69.765 R20.532 L0.0000 2
14615	319445.759	3407690.670	2.692	L0.2701 240+75.00 R34.21
14616	319449.981	3407677.664	0.864	1001 L0.5401 240+75.00 R47.88

14617	319389.443	3407728.117	0.292	1001 L0.0000 241+17.00 L18.80
14618	319394.247	3407713.322	-0.098	1001 L0.0000 241+17.00 L3.25
14619	319396.773	3407705.541	0.054	1001 R0.0000 241+17.00 R4.94
14620	319400.981	3407692.579	0.297	1001 R0.0000 241+17.00 R18.56
14621	319406.537	3407675.466	-3.133	1001 R0.0000 241+17.00 R36.56