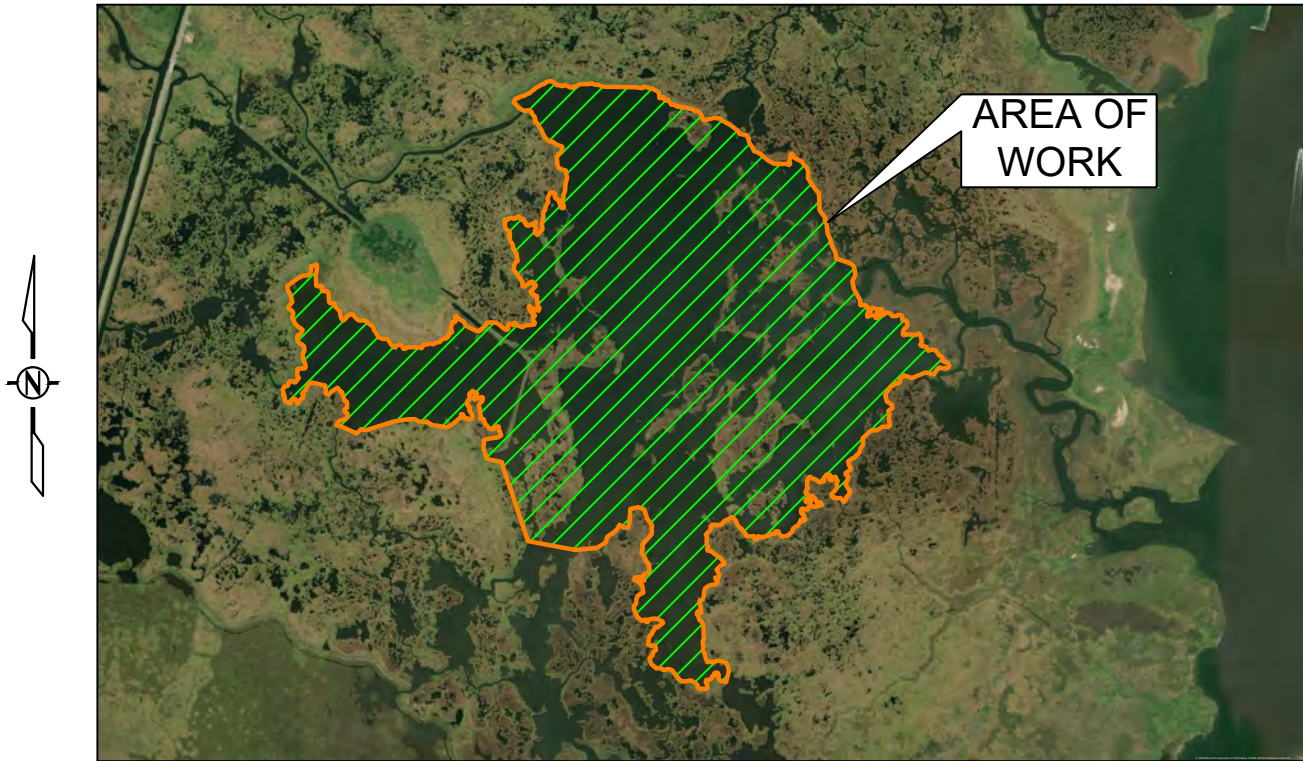


STATE OF LOUISIANA  
COASTAL PROTECTION AND RESTORATION AUTHORITY

**LONG POINT BAYOU MARSH CREATION PROJECT**  
**SABINE NATIONAL WILDLIFE REFUGE**  
CPRA PROJECT NO. CS-0085  
CAMERON PARISH

**INDEX TO SHEETS**

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	MARSH OVERVIEW
3	MAG LINES & PIPELINE
4	ANOMALIES
5-17	MARSH CROSS SECTIONS
18	ACCESS CANAL & CONVEYANCE CORRIDORS
19-23	ACCESS CANAL & CONVEYANCE CROSS SECTIONS
24	PIPELINE PROFILE
25	LONG POINT BAYOU & CROSS SECTIONS
26	SE CANAL
27	SE CANAL & CONVEYANCE CORRIDOR CROSS SECTIONS
28	LEVEE & CROSS SECTIONS
29	LEVEE CROSS SECTIONS
30	MARSH ELEVATIONS
31-32	MARSH ELEVATIONS TABLE



**PRELIMINARY**  
**DOCUMENTS ARE NOT TO BE**  
**USED FOR CONSTRUCTION,**  
**BIDDING, RECORDATION,**  
**CONVEYANCE, SALES, OR**  
**AS THE BASIS FOR THE**  
**ISSUANCE OF A PERMIT.**

LICENSURE CLASSIFICATION REQUIREMENTS

SEE LA RS.37 FOR CLASSIFICATIONS

Elevations are in NAVD88 GEOID 18

Aerial images are BING 2020 images

	DESCRIPTION	DATE	REV.	BY

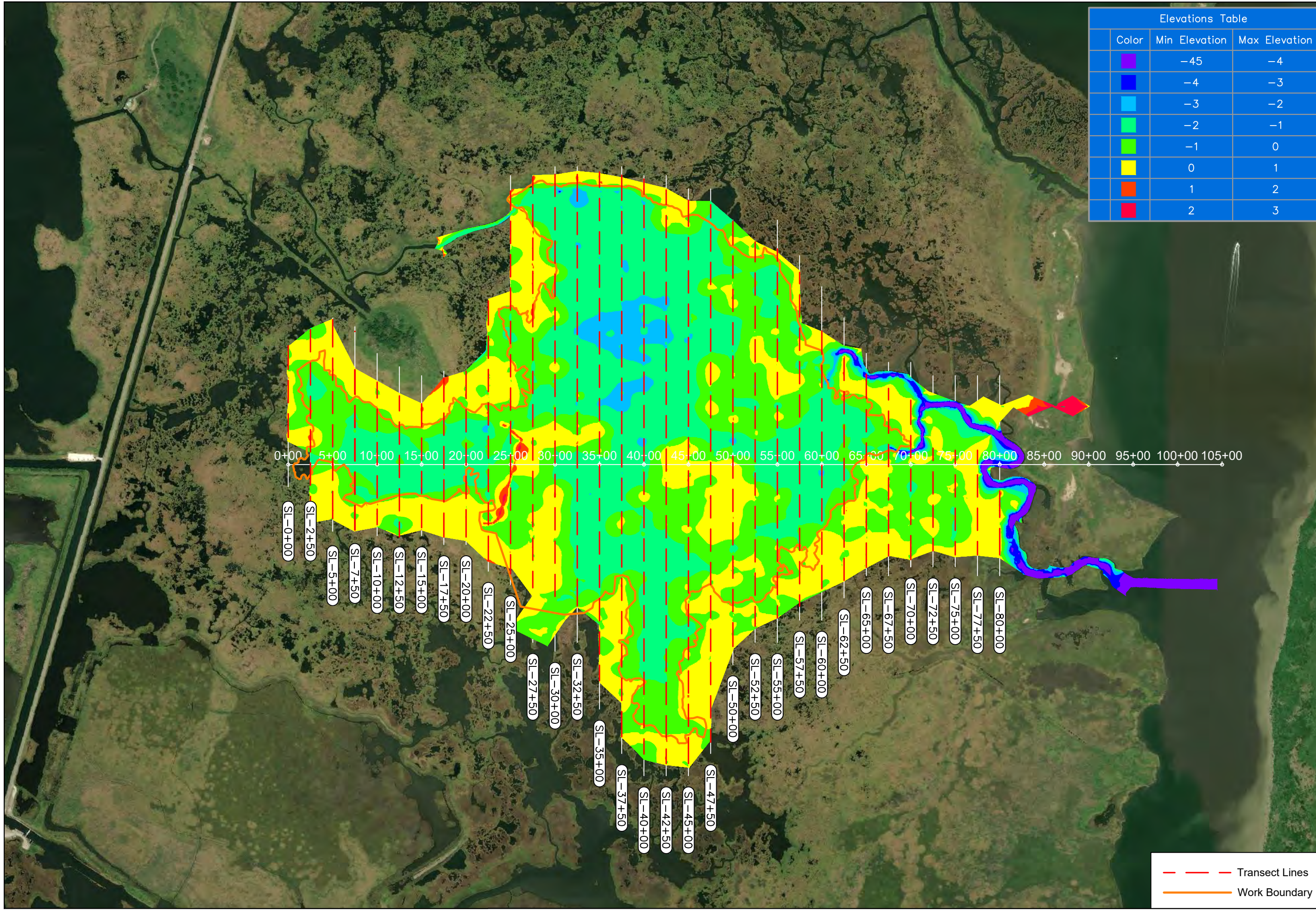
**COASTAL PROTECTION  
AND RESTORATION  
AUTHORITY**  
150 TERRACE AVENUE  
BATON ROUGE, LOUISIANA 70802

TITLE SHEET	DESIGNED BY: RMJ	APPROVED BY: JBB
-------------	------------------	------------------

LONG POINT BAYOU MARSH CREATION PROJECT	STATE PROJECT NUMBER: CS-0085	DRAWN BY: AMJ
---	-------------------------------	---------------

DATE: 08/20/2020

SHEET 1 OF 32




Elevations Table		
Color	Min Elevation	Max Elevation
Red	2	3
Orange	1	2
Yellow	0	1
Light Green	-1	0
Green	-2	-1
Cyan	-3	-2
Blue	-4	-3
Purple	-45	-4

0+00 5+00 10+00 15+00 20+00 25+00 30+00 35+00 40+00 45+00 50+00 55+00 60+00 65+00 70+00 75+00 80+00 85+00 90+00 95+00 100+00 105+00

- SL-0+00
- SL-2+50
- SL-5+00
- SL-7+50
- SL-10+00
- SL-12+50
- SL-15+00
- SL-17+50
- SL-20+00
- SL-22+50
- SL-25+00
- SL-27+50
- SL-30+00
- SL-32+50
- SL-35+00
- SL-37+50
- SL-40+00
- SL-42+50
- SL-45+00
- SL-47+50
- SL-50+00
- SL-52+50
- SL-55+00
- SL-57+50
- SL-60+00
- SL-62+50
- SL-65+00
- SL-67+50
- SL-70+00
- SL-72+50
- SL-75+00
- SL-77+50
- SL-80+00

--- Transect Lines  
 --- Work Boundary

		COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	PLAN VIEW SURVEY LINES	LONG POINT BAYOU MARSH CREATION PROJECT SURVEY REPORT	STATE PROJECT NUMBER: CS-0085 DRAWN BY: AMJ
REV.	DATE	DESCRIPTION	DESIGNED BY: RMJ	DATE: 08/20/2020	BY
			APPROVED BY: JBB	SHEET 2 OF 32	

TT-147  
 LAT: N29° 56' 12.9130"  
 LONG: W93° 22' 31.3678"  
 ELEV: 6.26 (NAVD88-GEOID 18)

TBM-1  
 LAT: N29° 55' 18.6216"  
 LONG: W93° 21' 55.3576"  
 ELEV: 2.47 (NAVD88-GEOID 18)

CS23-SM-01  
 LAT: N29° 54' 33.1631"  
 LONG: W93° 23' 00.1683"  
 ELEV: 0.82 (NAVD88-GEOID 18)

PIPELINE		
#	COVER	TOP OF PIPE ELEV.
A	8.8	-8.20
B	9	-8.50
C	10	-9.60
D	11	-10.70
E	10	-9.70
F	10	-9.70
G	8	-7.60
H	6.5	-6.10
I	5	-4.60
J	4.5	-4.30
K	5	-4.80
L	4	-3.70
M	4	-3.70
N	5	-4.60
O	7	-6.60
P	7	-6.40



COASTAL PROTECTION  
 AND RESTORATION  
 AUTHORITY  
 150 TERRACE AVENUE  
 BATON ROUGE, LOUISIANA 70802

PLAN VIEW  
 SURVEY LINES

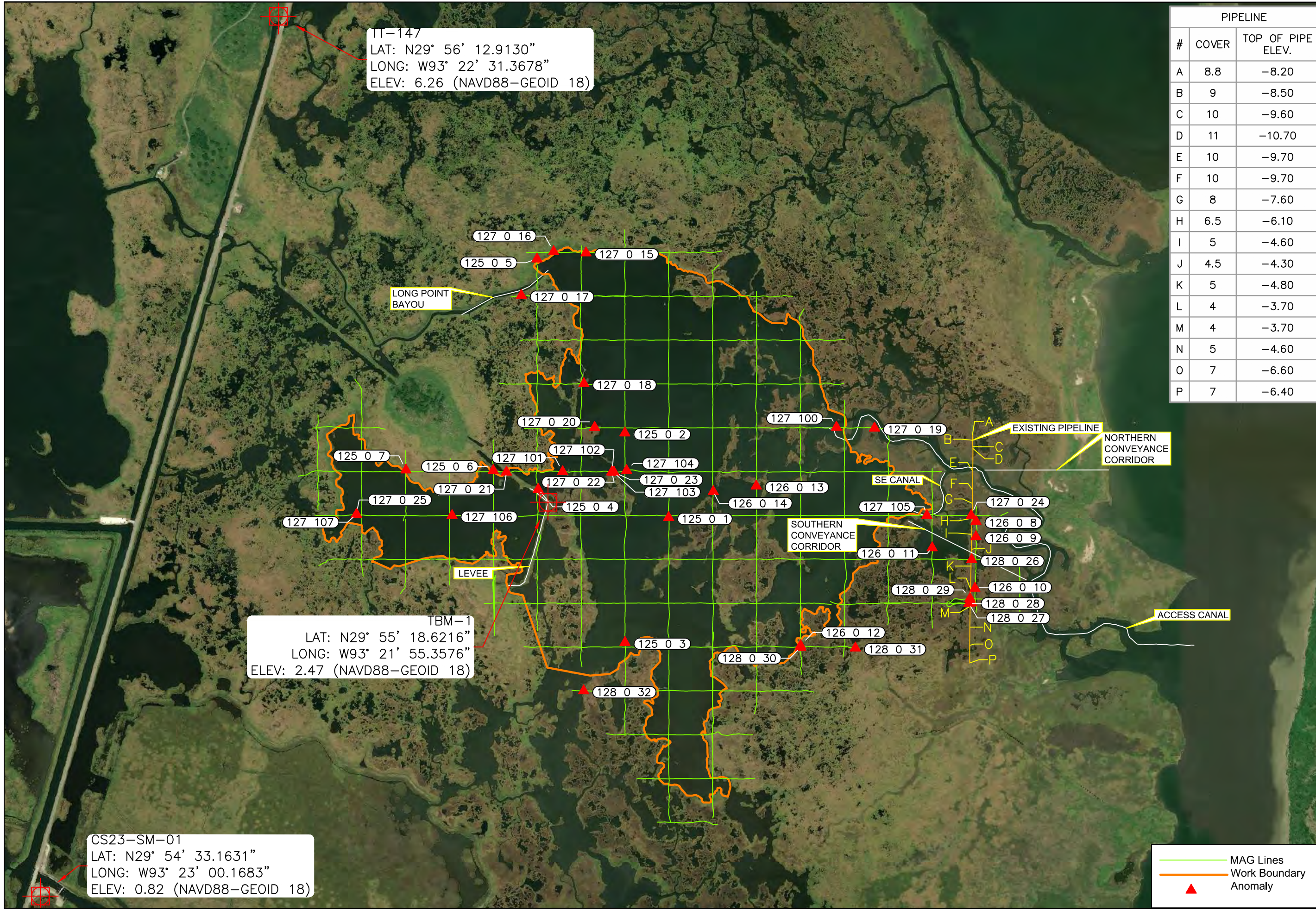
DESIGNED BY: RMJ  
 APPROVED BY: JBB

LONG POINT BAYOU  
 MARSH CREATION PROJECT  
 SURVEY REPORT

STATE PROJECT NUMBER: CS-0085  
 DRAWN BY: AMJ

DATE: 08/20/2020  
 SHEET 3 OF 32

— MAG Lines  
— Work Boundary Anomaly  
▲



Magnetometer Survey Anomalies								
Pt. Number	NAD83 X	NAD83 Y	Line No.	Duration	Type	Gamma	Sequence No.	Description
125-0-1	2638532.14	522601.67	25	48.9	DIPOLE	140.1	1	Debris
125-0-2	2638033.37	523565.89	26	42.5	DIPOLE	1661.5	2	Debris
125-0-3	2638034.53	521177.21	26	68.9	MONOPOLE	80.4	3	Debris
125-0-4	2637044.79	522922.82	28	54.3	DIPOLE	931.5	4	Debris
125-0-5	2637031.39	525549.59	29	0	DIPOLE	614.5	5	Debris
125-0-6	2636532.89	523138.33	30	26.3	DIPOLE	2518.8	6	Debris
125-0-7	2635538	523142.53	32	53.5	DIPOLE	121.7	7	Debris
126-0-8	2642035.57	522558.68	18	105.9	MONOPOLE	175.5	8	Debris
126-0-9	2642034.2	522383.56	18	96.5	MONOPOLE	159.9	9	Debris
126-0-10	2642022.95	521794.23	18	76.2	DIPOLE	296.5	10	Debris
126-0-11	2641535.44	522255.38	19	5	DIPOLE	42.9	11	Debris
126-0-12	2640035.14	521141.03	22	264.8	MONOPOLE	1537.5	12	Debris
126-0-13	2639530.72	522960.44	23	356.1	DIPOLE	36	13	Debris
126-0-14	2639040.94	522897.6	24	37.7	MONOPOLE	288.7	14	Debris
127-0-15	2637589.95	525617.48	2	20.5	DIPOLE	2988.6	15	Debris
127-0-16	2637221.63	525632.61	2	19.7	MONOPOLE	82.4	16	Debris
127-0-17	2636853.04	525133.53	3	9.2	MONOPOLE	83.8	17	Debris
127-0-18	2637566.38	524128.14	5	23.3	DIPOLE	438.2	18	Debris
127-0-19	2640878.76	523621.98	6	12.7	DIPOLE	196.5	19	Debris
127-0-20	2637688.79	523629.24	6	56.8	MONOPOLE	1606.5	20	Debris
127-0-21	2636683.23	523118.91	7	64.9	COMPLEX	657.2	21	Debris
127-0-22	2637884.33	523121.53	7	67.5	DIPOLE	366.7	22	Debris
127-0-23	2637910.6	523116.9	7	96.8	COMPLEX	366.7	23	Debris
127-0-24	2641980.72	522622.58	8	149.9	DIPOLE	1912.2	24	Existing Pipeline
127-0-25	2634973.82	522637.57	8	127.7	MONOPOLE	284.9	25	Debris
128-0-26	2641985.74	522120.56	9	287.2	COMPLEX	1258.3	26	Existing Pipeline
128-0-27	2641954.25	521621.85	10	258.1	MONOPOLE	1796.9	27	Existing Pipeline
128-0-28	2641985.08	521628.59	10	186	MONOPOLE	1794.9	28	Existing Pipeline
128-0-29	2641966.84	521678.47	10	149.8	MONOPOLE	1824.7	29	Existing Pipeline
128-0-30	2640036.45	521121.57	12	303.3	MONOPOLE	67.2	30	Debris
128-0-31	2640659.96	521115.02	12	208.9	MONOPOLE	154.2	31	Debris
128-0-32	2637563.21	520626.24	13	30.9	MONOPOLE	97.9	32	Debris
127-100	2640444.75	523631.09	6	NA	RTK Tie	NA	33	Observed - Crab Traps
127-101	2637323.47	523123.97	7	NA	RTK Tie	NA	34	Observed - Crab Traps
127-102	2637887.1	523120.74	7	NA	RTK Tie	NA	35	Observed - Crab Traps
127-103	2637903.95	523117.62	7	NA	RTK Tie	NA	36	Observed - Crab Traps
127-104	2638053.1	523138.24	7	NA	RTK Tie	NA	37	Observed - Crab Traps
127-105	2641474.92	522624.37	8	NA	RTK Tie	NA	38	Observed - Crab Traps
127-106	2636063.24	522625.01	8	NA	RTK Tie	NA	39	Observed - Crab Traps
127-107	2634975.09	522637.58	8	NA	RTK Tie	NA	40	Observed - Crab Traps



**COASTAL PROTECTION AND RESTORATION AUTHORITY**  
 150 TERRACE AVENUE  
 BATON ROUGE, LOUISIANA 70802

PLAN VIEW  
 ANOMALIES

LONG POINT BAYOU  
 MARSH CREATION PROJECT  
 SURVEY REPORT

DESIGNED BY: RMJ

APPROVED BY: JBB

STATE PROJECT NUMBER: CS-0085  
 DRAWN BY: AMJ

DATE: 08/20/2020

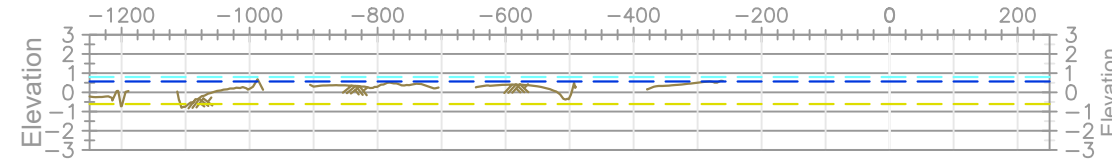
SHEET 4 OF 32

BY DESCRIPTION

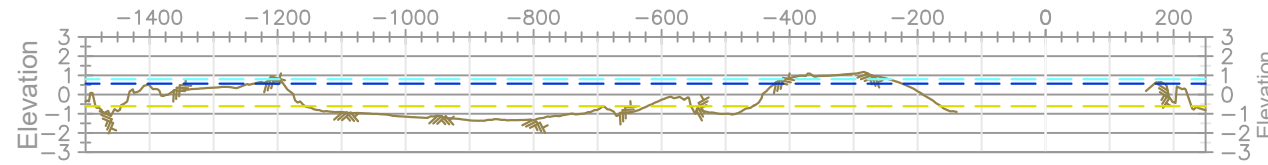
DATE

REV.

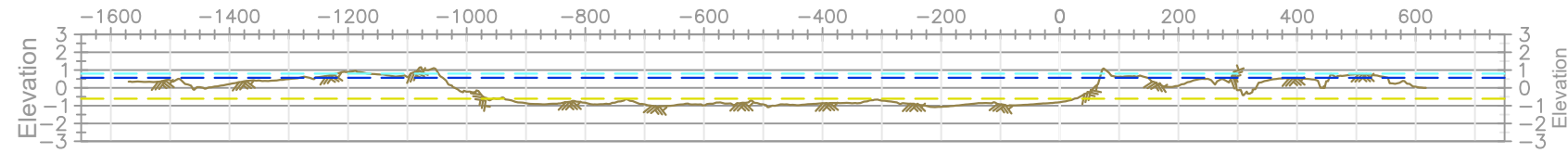
MARSH CREATION AREA  
 Cross Section @ Station. 0+00  
 Horizontal Scale 1" = 300  
 Vertical Scale 1" = 10'



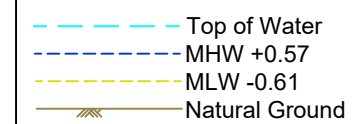
MARSH CREATION AREA  
 Cross Section @ Station. 2+50  
 Horizontal Scale 1" = 300  
 Vertical Scale 1" = 10'



MARSH CREATION AREA  
 Cross Section @ Station. 5+00  
 Horizontal Scale 1" = 300  
 Vertical Scale 1" = 10'



Note:  
 Survey data unavailable in Cross Sections  
 that do not show a Natural Ground line



**COASTAL PROTECTION  
 AND RESTORATION  
 AUTHORITY**  
 150 TERRACE AVENUE  
 BATON ROUGE, LOUISIANA 70802

PROFILE VIEW  
 MARSH CREATION AREA

DESIGNED BY: RMJ  
 APPROVED BY: JBB

LONG POINT BAYOU  
 MARSH CREATION  
 PROJECT

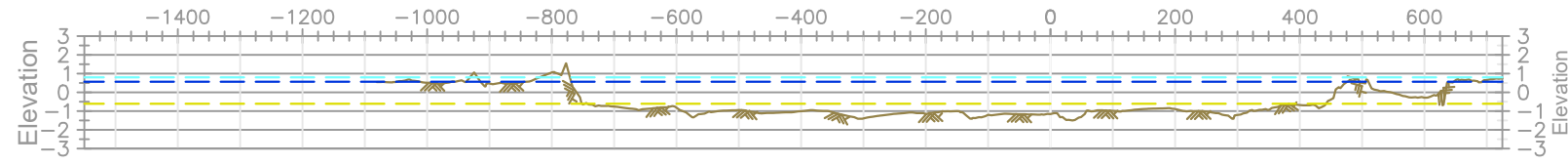
STATE PROJECT NUMBER: CS-0085  
 DRAWN BY: AMJ

DATE: 08/20/2020

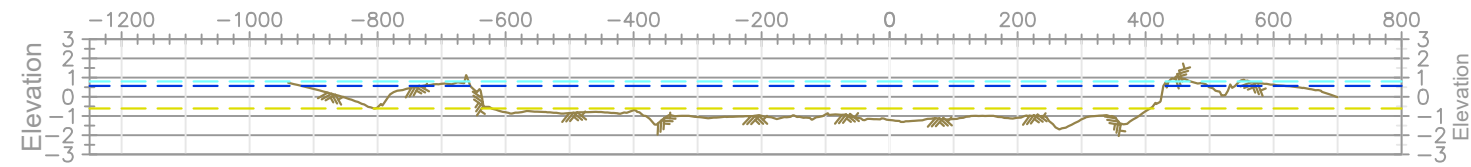
SHEET 5 OF 32

REV.	DATE	DESCRIPTION	BY

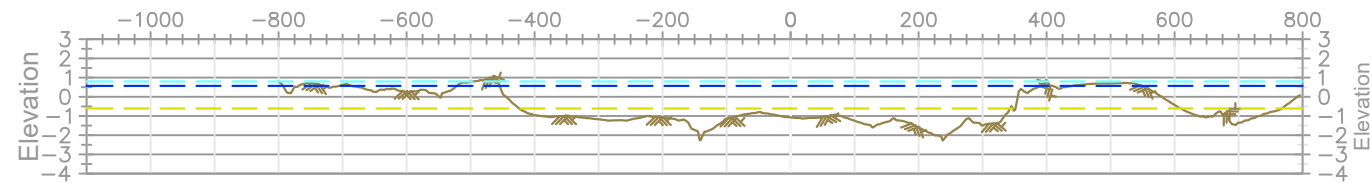
MARSH CREATION AREA  
 Cross Section @ Station. 7+50  
 Horizontal Scale 1" = 300  
 Vertical Scale 1" = 10'



MARSH CREATION AREA  
 Cross Section @ Station. 10+00  
 Horizontal Scale 1" = 300  
 Vertical Scale 1" = 10'



MARSH CREATION AREA  
 Cross Section @ Station. 12+50  
 Horizontal Scale 1" = 300  
 Vertical Scale 1" = 10'



- - - - - Top of Water
- - - - - MHW +0.57
- - - - - MLW -0.61
- Natural Ground



**COASTAL PROTECTION  
 AND RESTORATION  
 AUTHORITY**  
 150 TERRACE AVENUE  
 BATON ROUGE, LOUISIANA 70802

PROFILE VIEW  
 MARSH CREATION AREA  
 DESIGNED BY: RMJ  
 APPROVED BY: JBB

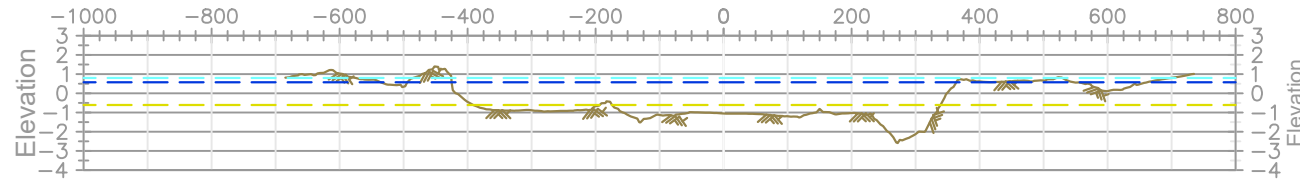
LONG POINT BAYOU  
 MARSH CREATION  
 PROJECT  
 STATE PROJECT NUMBER: CS-0085  
 DRAWN BY: AMJ

DATE: 08/20/2020

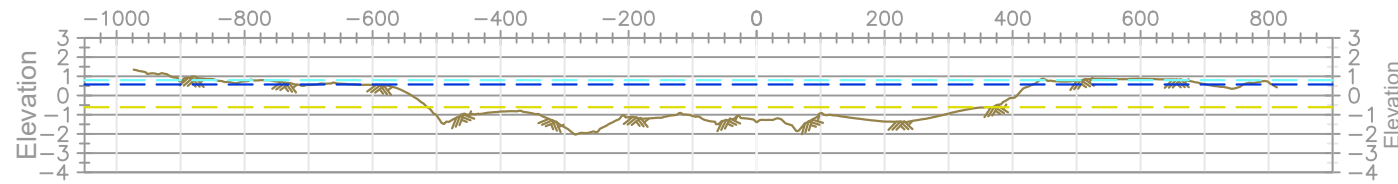
SHEET 6 OF 32

REV.	DATE	DESCRIPTION	BY

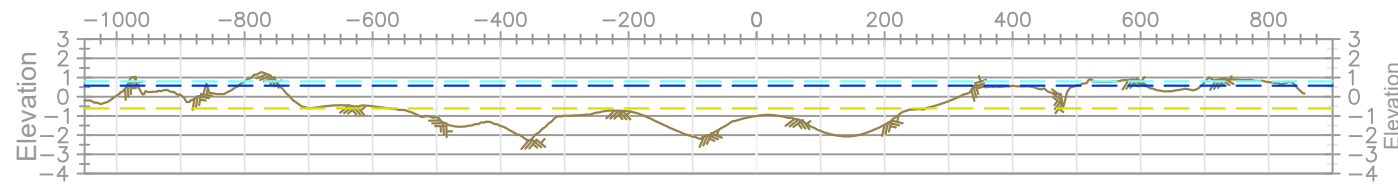
MARSH CREATION AREA  
 Cross Section @ Station. 15+00  
 Horizontal Scale 1" = 300  
 Vertical Scale 1" = 10'



MARSH CREATION AREA  
 Cross Section @ Station. 17+50  
 Horizontal Scale 1" = 300  
 Vertical Scale 1" = 10'



MARSH CREATION AREA  
 Cross Section @ Station. 20+00  
 Horizontal Scale 1" = 300  
 Vertical Scale 1" = 10'



- - - - Top of Water
- - - - MHW +0.57
- - - - MLW -0.61
- Natural Ground

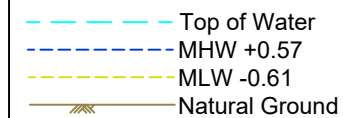
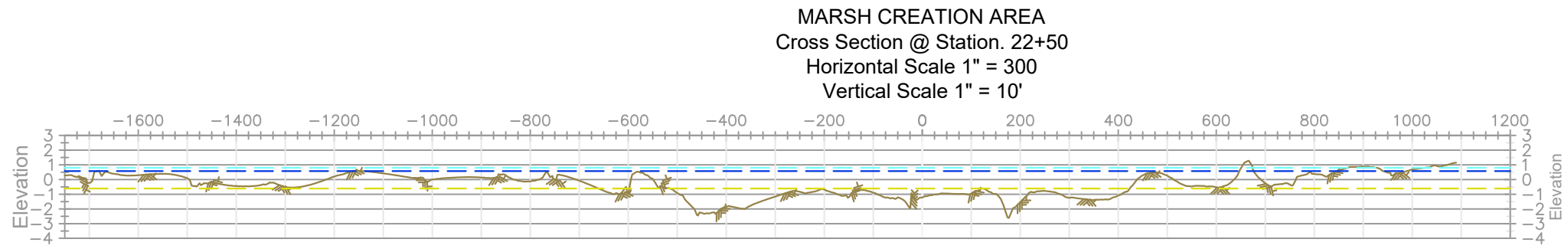


**COASTAL PROTECTION  
 AND RESTORATION  
 AUTHORITY**  
 150 TERRACE AVENUE  
 BATON ROUGE, LOUISIANA 70802

PROFILE VIEW  
 MARSH CREATION AREA  
 DESIGNED BY: RMJ  
 APPROVED BY: JBB

LONG POINT BAYOU  
 MARSH CREATION  
 PROJECT  
 STATE PROJECT NUMBER: CS-0085  
 DRAWN BY: AMJ

REV.	DATE	DESCRIPTION	BY



**COASTAL PROTECTION  
 AND RESTORATION  
 AUTHORITY**  
 150 TERRACE AVENUE  
 BATON ROUGE, LOUISIANA 70802

PROFILE VIEW  
 MARSH CREATION AREA  
 DESIGNED BY: RMJ  
 APPROVED BY: JBB

LONG POINT BAYOU  
 MARSH CREATION  
 PROJECT  
 STATE PROJECT NUMBER: CS-0085  
 DRAWN BY: AMJ

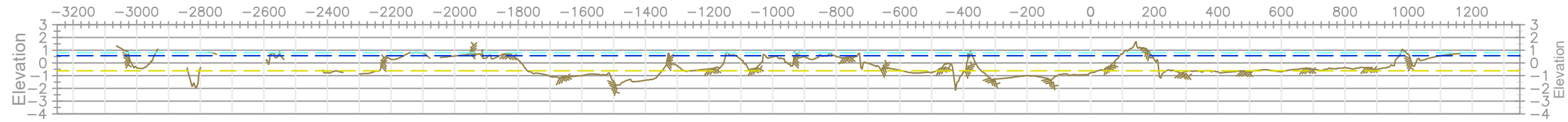
DATE: 08/20/2020

SHEET 8 OF 32

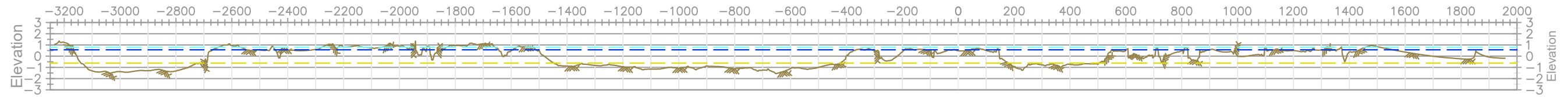
REV.	DATE	DESCRIPTION	BY



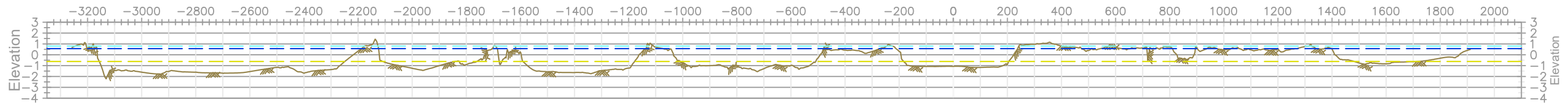
MARSH CREATION AREA  
 Cross Section @ Station. 25+00  
 Horizontal Scale 1" = 400  
 Vertical Scale 1" = 10'



MARSH CREATION AREA  
 Cross Section @ Station. 27+50  
 Horizontal Scale 1" = 400  
 Vertical Scale 1" = 10'



MARSH CREATION AREA  
 Cross Section @ Station. 30+00  
 Horizontal Scale 1" = 400  
 Vertical Scale 1" = 10'



- - - Top of Water
- - - MHW +0.57
- - - MLW -0.61
- Natural Ground



**COASTAL PROTECTION  
 AND RESTORATION  
 AUTHORITY**  
 150 TERRACE AVENUE  
 BATON ROUGE, LOUISIANA 70802

PROFILE VIEW  
 MARSH CREATION AREA

DESIGNED BY: RMJ  
 APPROVED BY: JBB

LONG POINT BAYOU  
 MARSH CREATION  
 PROJECT

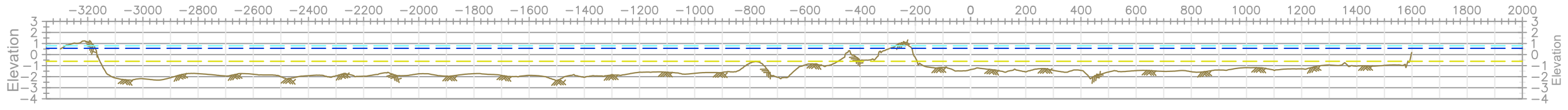
STATE PROJECT NUMBER: CS-0085  
 DRAWN BY: AMJ

DATE: 08/20/2020

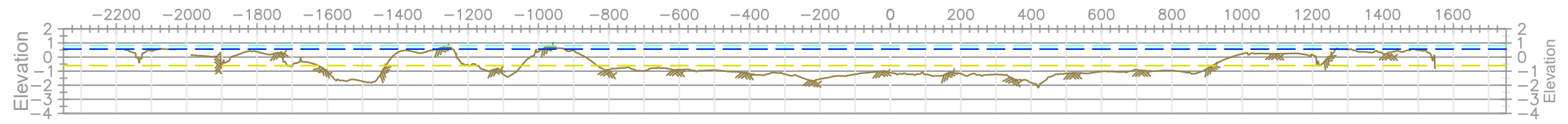
SHEET 9 OF 32

REV.	DATE	DESCRIPTION	BY

MARSH CREATION AREA  
 Cross Section @ Station. 32+50  
 Horizontal Scale 1" = 400  
 Vertical Scale 1" = 10'



MARSH CREATION AREA  
 Cross Section @ Station. 57+50  
 Horizontal Scale 1" = 400  
 Vertical Scale 1" = 10'



- Top of Water
- MHW +0.57
- MLW -0.61
- Natural Ground



**COASTAL PROTECTION  
 AND RESTORATION  
 AUTHORITY**  
 150 TERRACE AVENUE  
 BATON ROUGE, LOUISIANA 70802

PROFILE VIEW  
 MARSH CREATION AREA  
 DESIGNED BY: RMJ  
 APPROVED BY: JBB

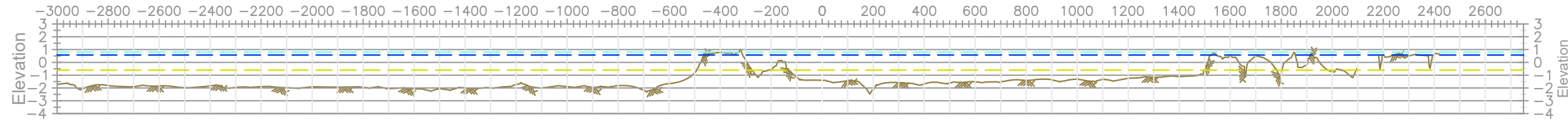
LONG POINT BAYOU  
 MARSH CREATION  
 PROJECT  
 STATE PROJECT NUMBER: CS-0085  
 DRAWN BY: AMJ

DATE: 08/20/2020

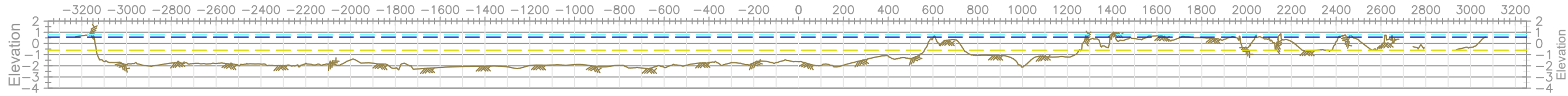
SHEET 10 OF 32

REV.	DATE	DESCRIPTION	BY

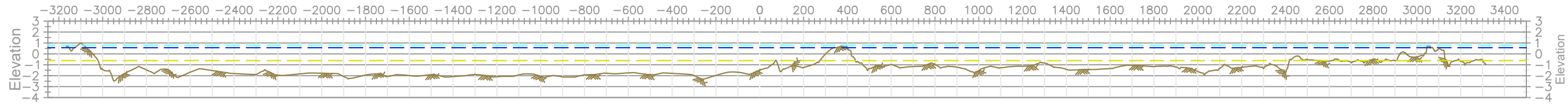
MARSH CREATION AREA  
 Cross Section @ Station. 35+00  
 Horizontal Scale 1" = 500  
 Vertical Scale 1" = 10'



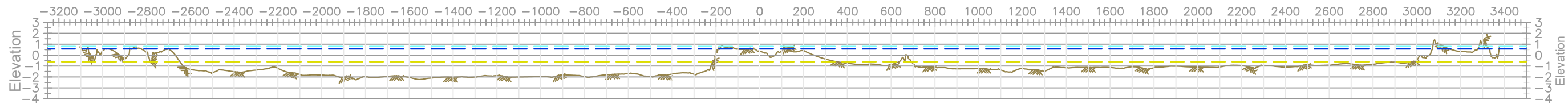
MARSH CREATION AREA  
 Cross Section @ Station. 37+50  
 Horizontal Scale 1" = 500  
 Vertical Scale 1" = 10'



MARSH CREATION AREA  
 Cross Section @ Station. 40+00  
 Horizontal Scale 1" = 500  
 Vertical Scale 1" = 10'



MARSH CREATION AREA  
 Cross Section @ Station. 42+50  
 Horizontal Scale 1" = 500  
 Vertical Scale 1" = 10'



- - - Top of Water
- - - MHW +0.57
- - - MLW -0.61
- Natural Ground



**COASTAL PROTECTION  
 AND RESTORATION  
 AUTHORITY**  
 150 TERRACE AVENUE  
 BATON ROUGE, LOUISIANA 70802

PROFILE VIEW  
 MARSH CREATION AREA  
 DESIGNED BY: RMJ  
 APPROVED BY: JBB

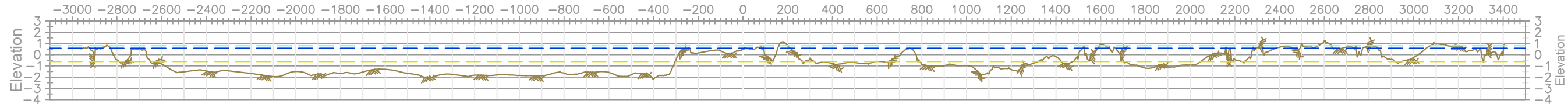
LONG POINT BAYOU  
 MARSH CREATION  
 PROJECT  
 STATE PROJECT NUMBER: CS-0085  
 DRAWN BY: AMJ

DATE: 08/20/2020

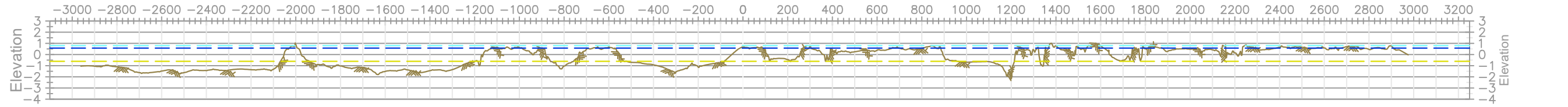
SHEET 11 OF 32

REV.	DATE	DESCRIPTION	BY

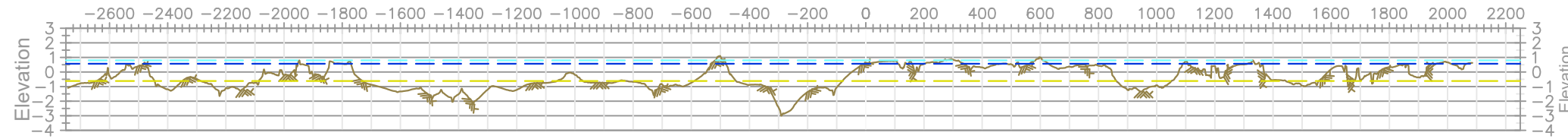
MARSH CREATION AREA  
 Cross Section @ Station. 45+00  
 Horizontal Scale 1" = 500  
 Vertical Scale 1" = 10'



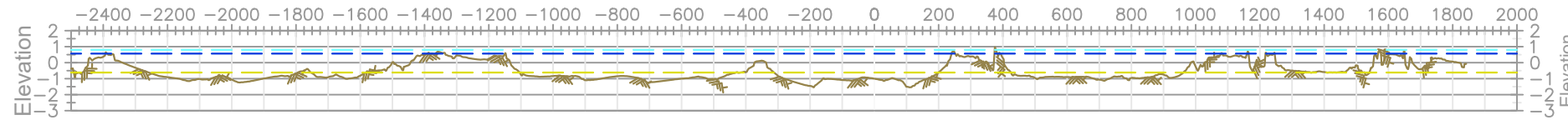
MARSH CREATION AREA  
 Cross Section @ Station. 47+50  
 Horizontal Scale 1" = 500  
 Vertical Scale 1" = 10'



MARSH CREATION AREA  
 Cross Section @ Station. 50+00  
 Horizontal Scale 1" = 500  
 Vertical Scale 1" = 10'



MARSH CREATION AREA  
 Cross Section @ Station. 52+50  
 Horizontal Scale 1" = 500  
 Vertical Scale 1" = 10'



- - - Top of Water
- - - MHW +0.57
- - - MLW -0.61
- Natural Ground



**COASTAL PROTECTION  
 AND RESTORATION  
 AUTHORITY**  
 150 TERRACE AVENUE  
 BATON ROUGE, LOUISIANA 70802

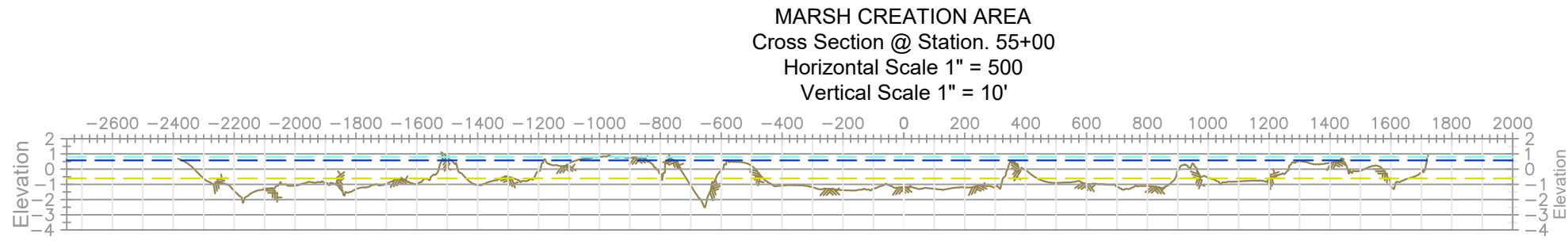
PROFILE VIEW  
 MARSH CREATION AREA  
 DESIGNED BY: RMJ  
 APPROVED BY: JBB

LONG POINT BAYOU  
 MARSH CREATION  
 PROJECT  
 STATE PROJECT NUMBER: CS-0085  
 DRAWN BY: AMJ

DATE: 08/20/2020

SHEET 12 OF 32

REV.	DATE	DESCRIPTION	BY



**COASTAL PROTECTION  
 AND RESTORATION  
 AUTHORITY**  
 150 TERRACE AVENUE  
 BATON ROUGE, LOUISIANA 70802

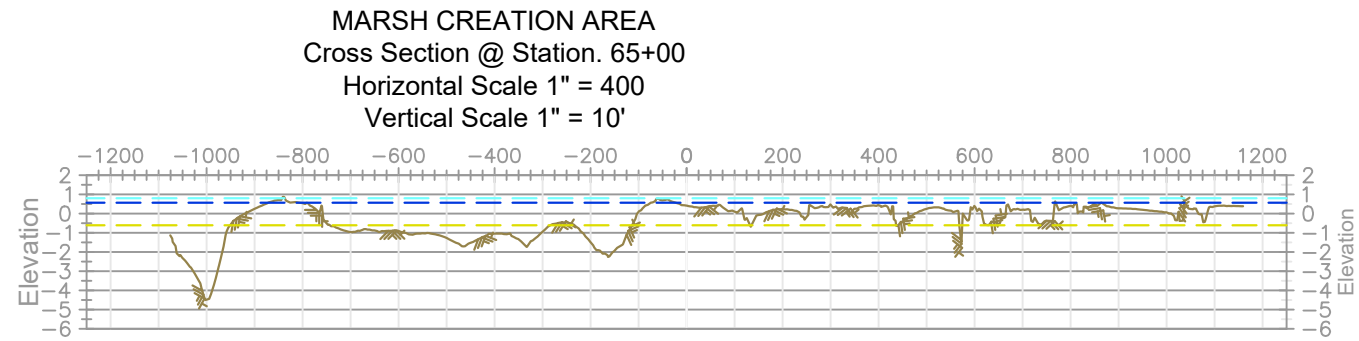
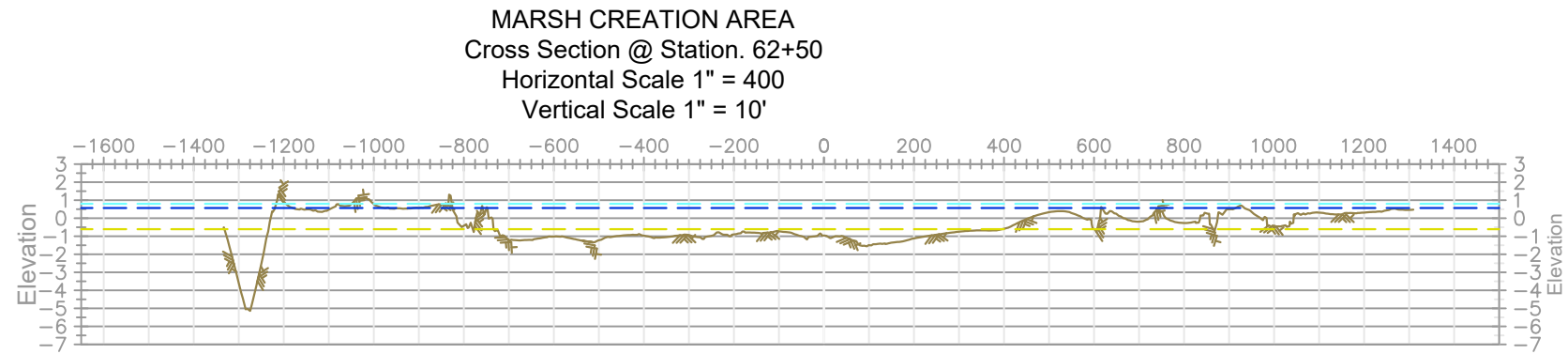
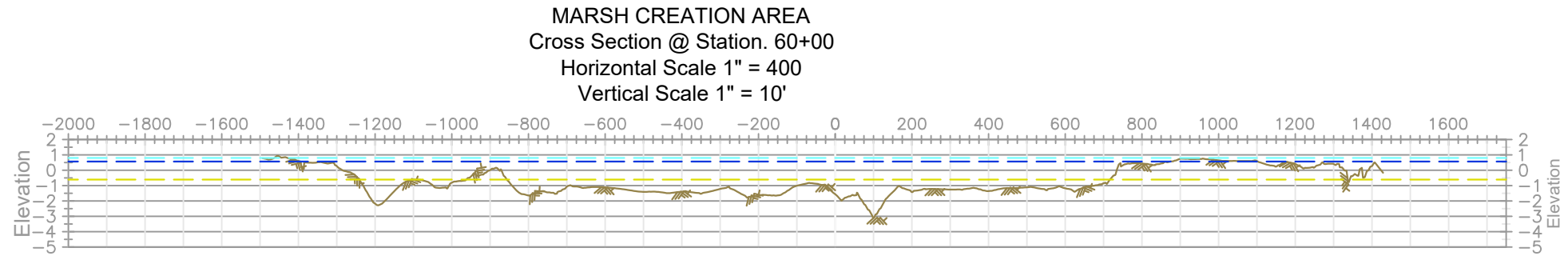
PROFILE VIEW  
 MARSH CREATION AREA  
 DESIGNED BY: RMJ  
 APPROVED BY: JBB

LONG POINT BAYOU  
 MARSH CREATION  
 PROJECT  
 STATE PROJECT NUMBER: CS-0085  
 DRAWN BY: AMJ

DATE: 08/20/2020

SHEET 13 OF 32

REV.	DATE	DESCRIPTION	BY



- - - - Top of Water
- - - - MHW +0.57
- - - - MLW -0.61
- Natural Ground



**COASTAL PROTECTION  
AND RESTORATION  
AUTHORITY**  
150 TERRACE AVENUE  
BATON ROUGE, LOUISIANA 70802

PROFILE VIEW  
MARSH CREATION AREA

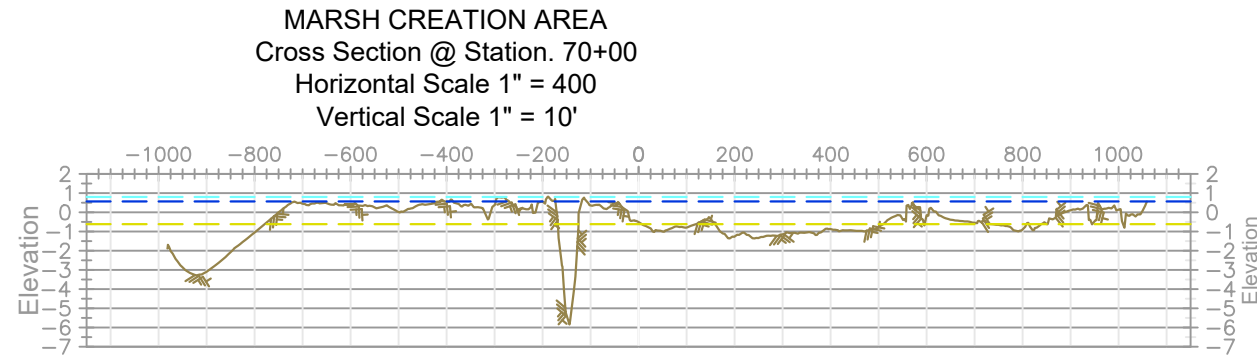
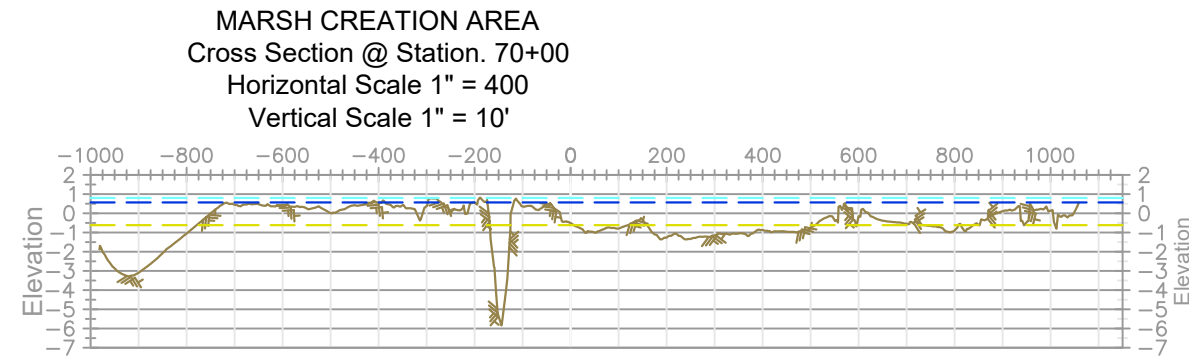
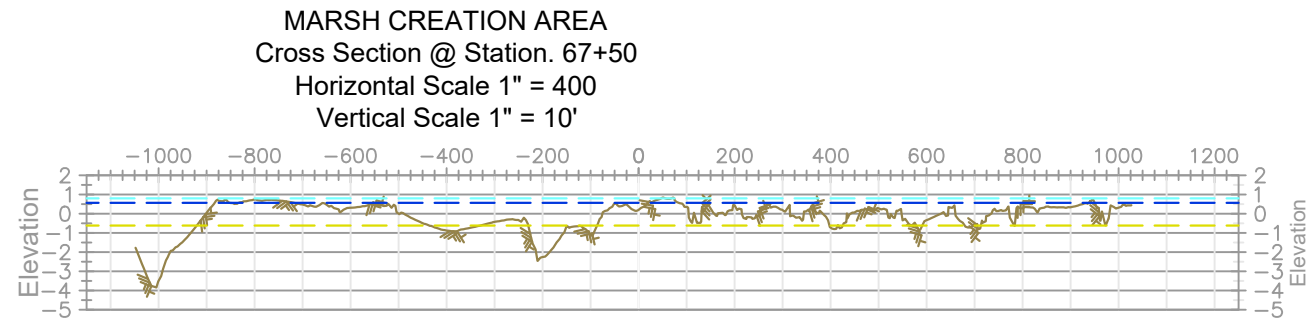
DESIGNED BY: RMJ  
APPROVED BY: JBB

LONG POINT BAYOU  
MARSH CREATION  
PROJECT

STATE PROJECT NUMBER: CS-0085  
DRAWN BY: AMJ

REV.	DATE	DESCRIPTION

BY



- - - Top of Water
- - - MHW +0.57
- - - MLW -0.61
- Natural Ground



**COASTAL PROTECTION  
AND RESTORATION  
AUTHORITY**  
150 TERRACE AVENUE  
BATON ROUGE, LOUISIANA 70802

PROFILE VIEW  
MARSH CREATION AREA

DESIGNED BY: RMJ  
APPROVED BY: JBB

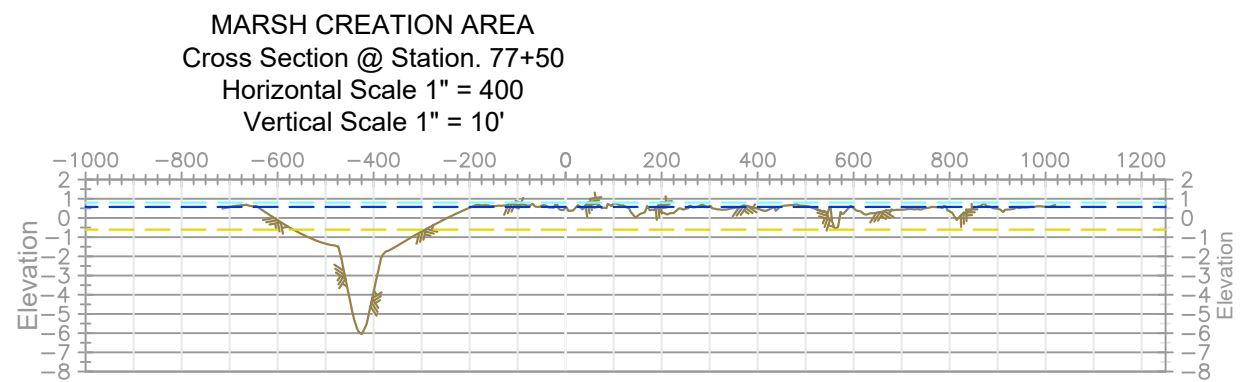
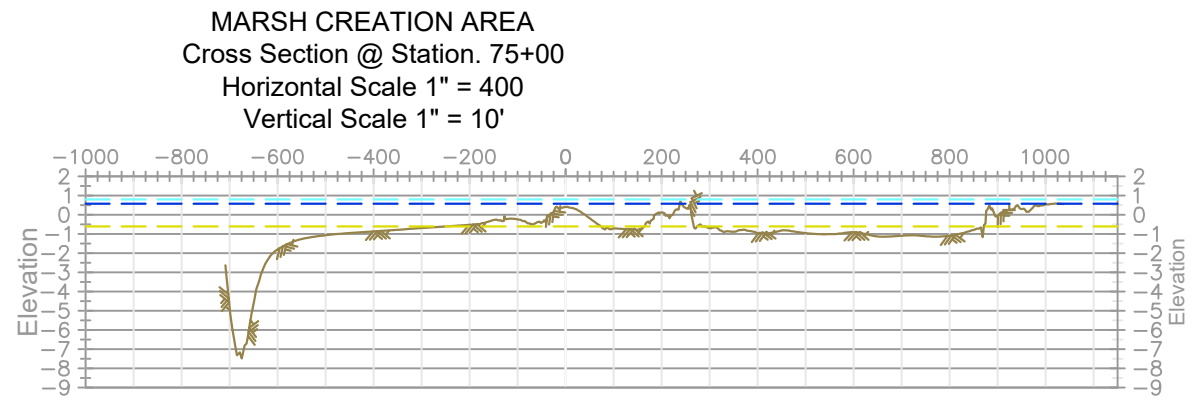
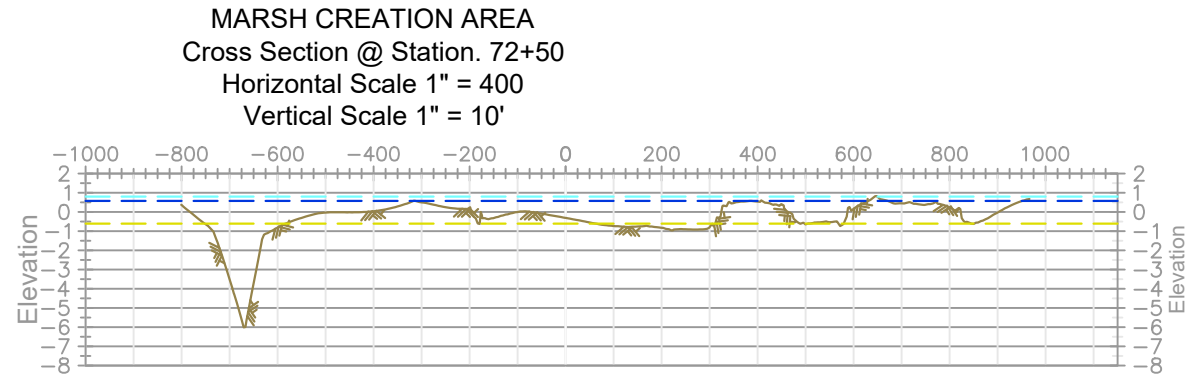
LONG POINT BAYOU  
MARSH CREATION  
PROJECT

STATE PROJECT NUMBER: CS-0085  
DRAWN BY: AMJ

DATE: 08/20/2020

SHEET 15 OF 32

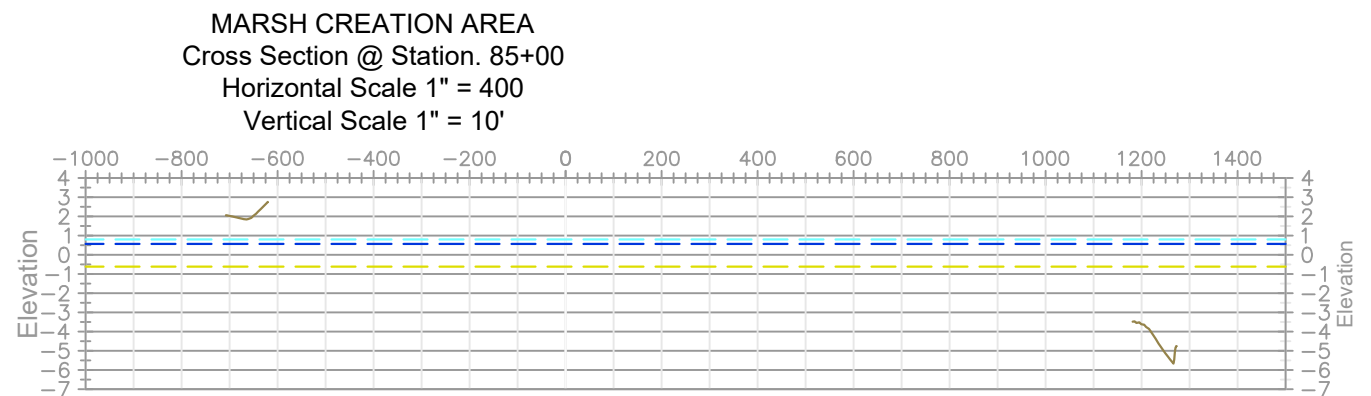
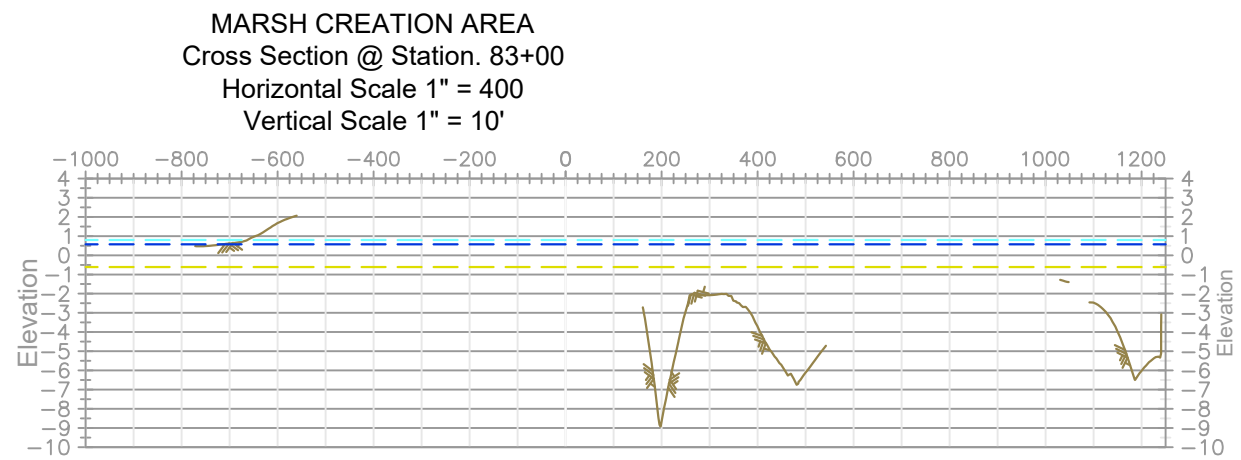
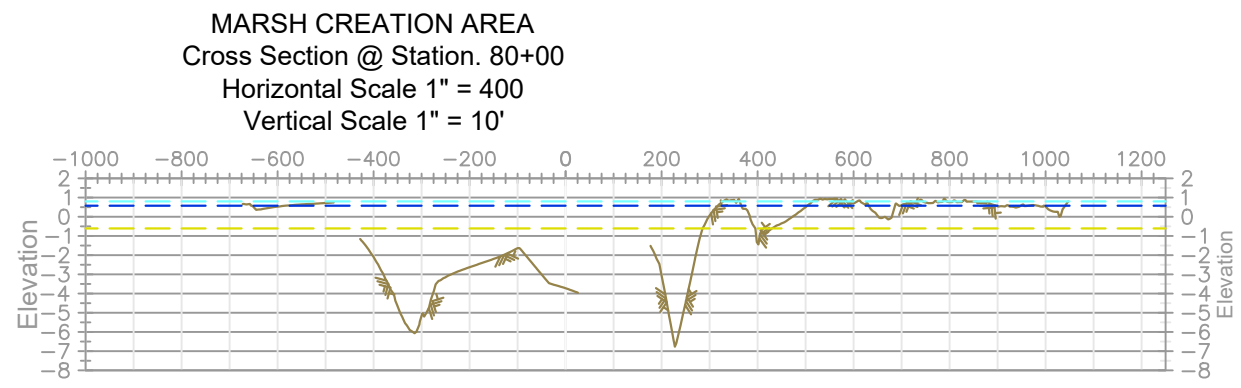
REV.	DATE	DESCRIPTION	BY



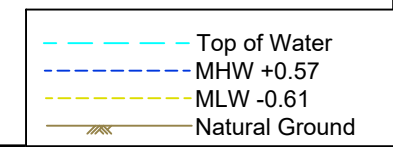
- - - Top of Water
- - - MHW +0.57
- - - MLW -0.61
- Natural Ground


 <b>FENSTERMAKER</b>	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	PROFILE VIEW MARSH CREATION AREA
LONG POINT BAYOU MARSH CREATION PROJECT	STATE PROJECT NUMBER: CS-0085 DRAWN BY: AMJ	DESIGNED BY: RMJ APPROVED BY: JBB
DATE: 08/20/2020		
SHEET 16 OF 32		
	REV.	DATE
	DESCRIPTION	BY






Note:  
Survey data unavailable in Cross Sections  
that show broken Natural Ground lines

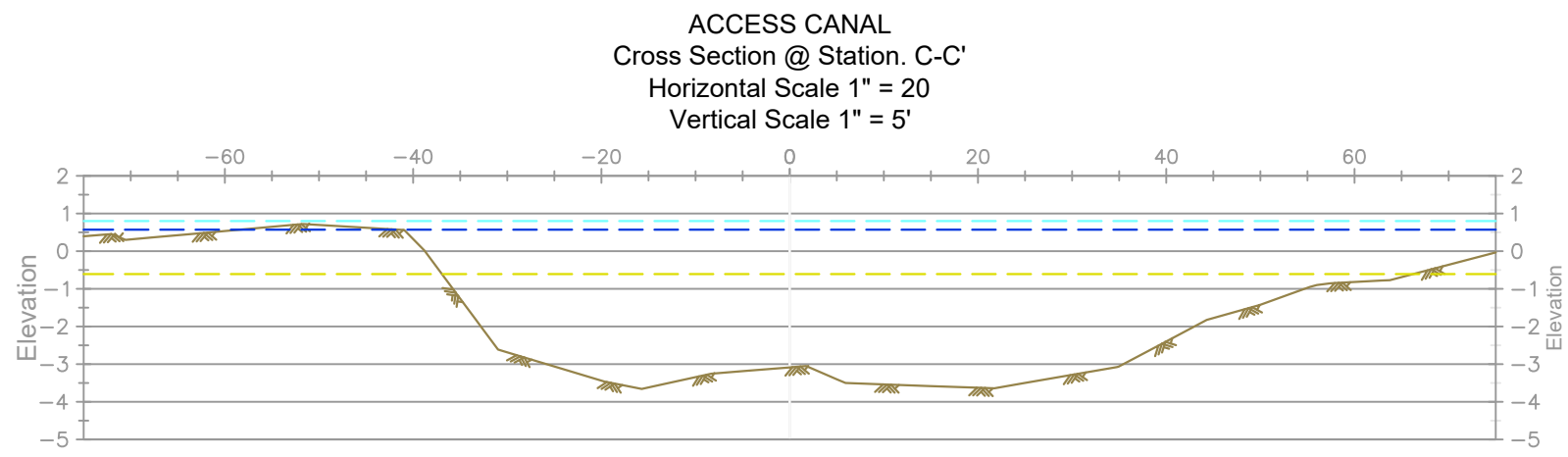
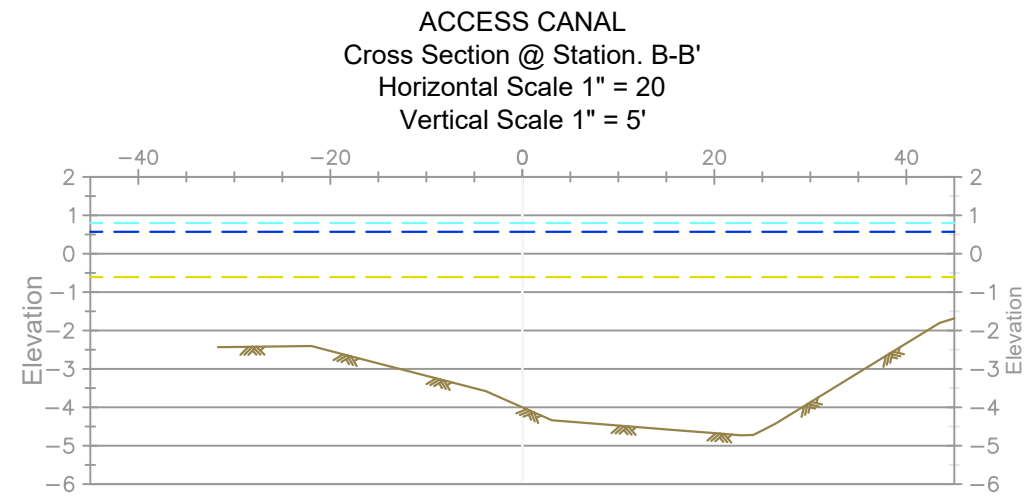
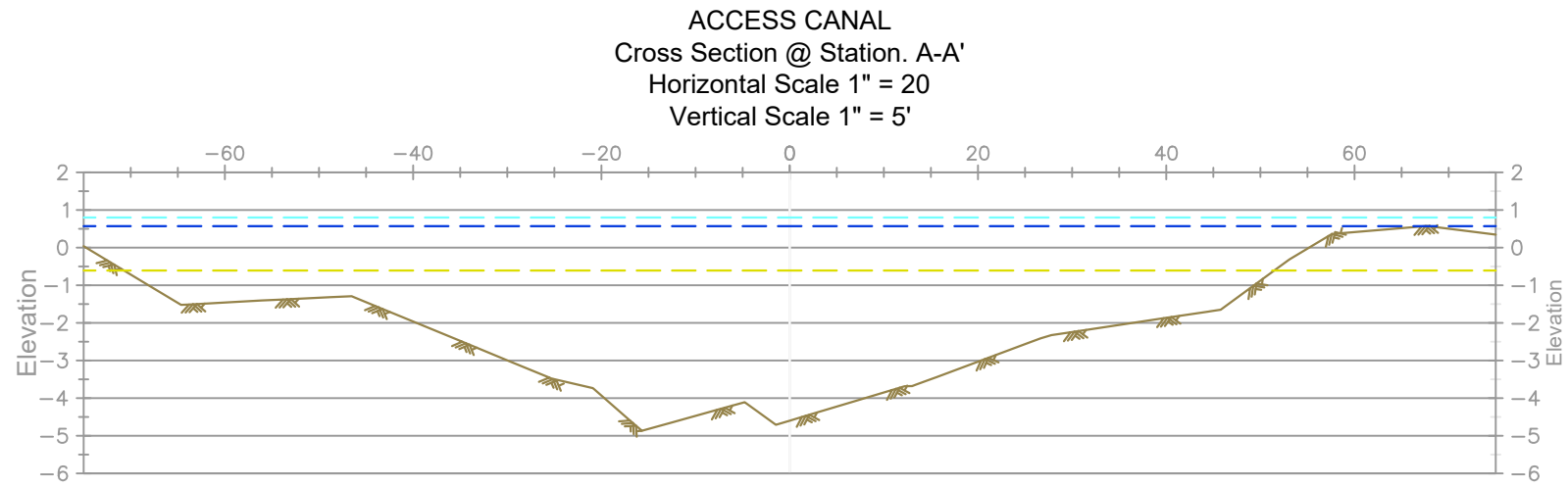


LONG POINT BAYOU MARSH CREATION PROJECT		STATE PROJECT NUMBER: CS-0085	DRAWN BY: AMJ
PROFILE VIEW MARSH CREATION AREA		DESIGNED BY: RMJ	APPROVED BY: JBB
<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802			
		REV.	DATE
			DESCRIPTION
			BY




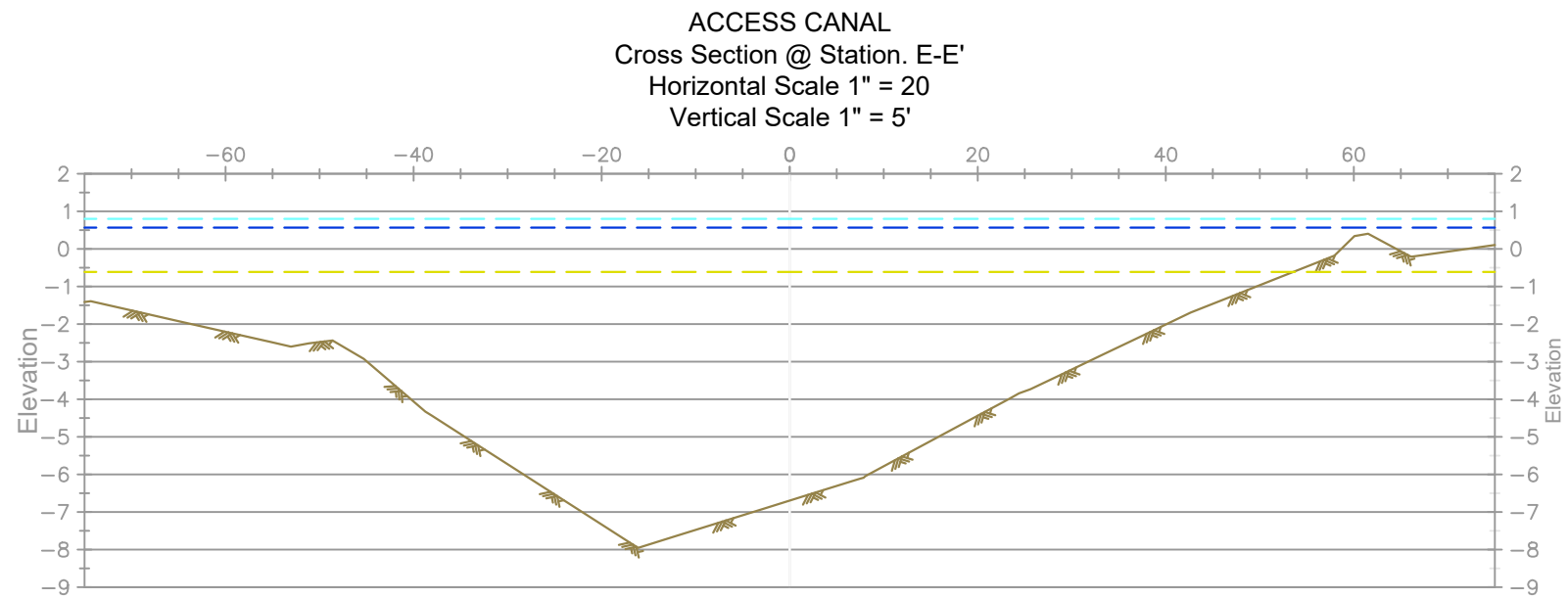
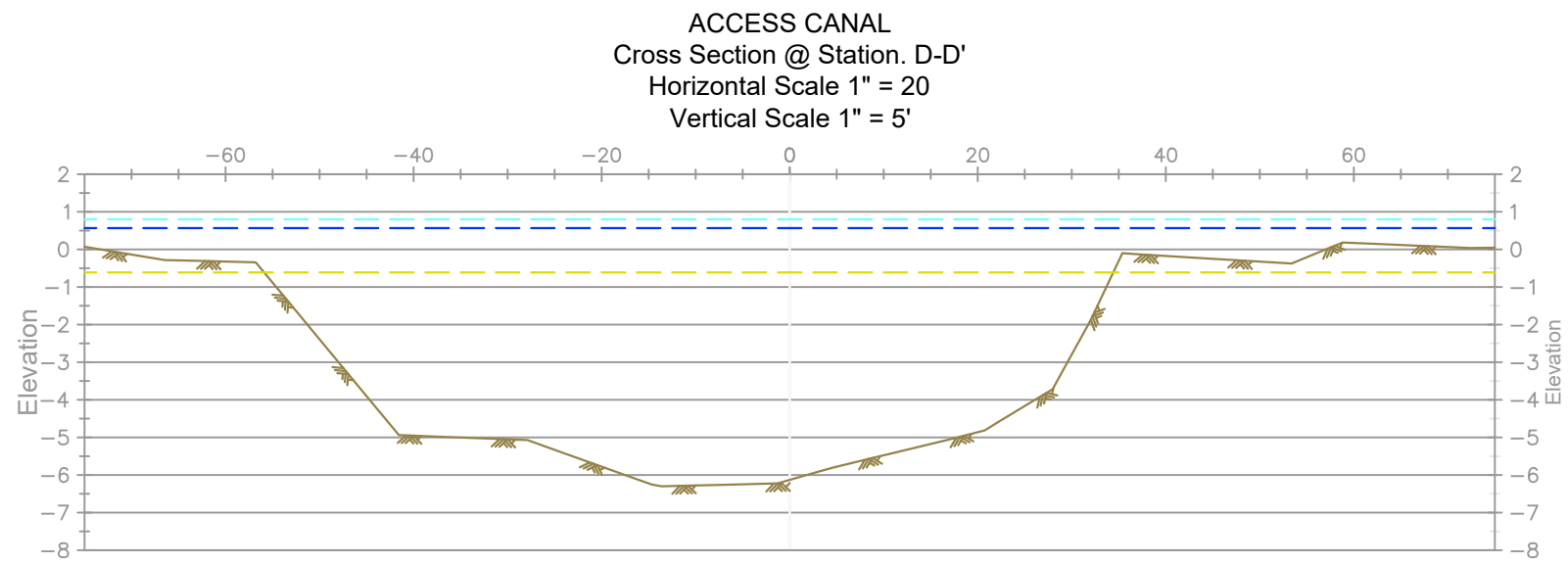
— Work Boundary  
- - - Bank Lines

		REV.	DATE	BY
<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802				
PLAN VIEW ACCESS CANAL & CONVEYANCE CORRIDORS		DESIGNED BY: RMJ	APPROVED BY: RMJ	
LONG POINT BAYOU MARSH CREATION PROJECT SURVEY REPORT		STATE PROJECT NUMBER: CS-0085	DRAWN BY: AMJ	
DATE: 08/20/2020		SHEET 18 OF 32		



- - - - - Top of Water
- - - - - MHW +0.57
- - - - - MLW -0.61
- Natural Ground

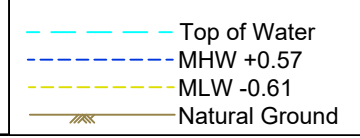
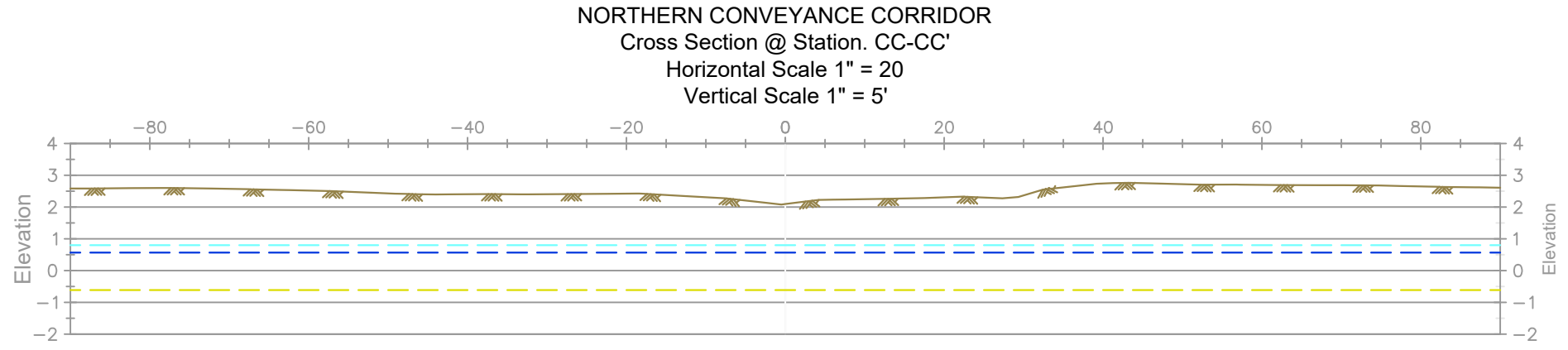
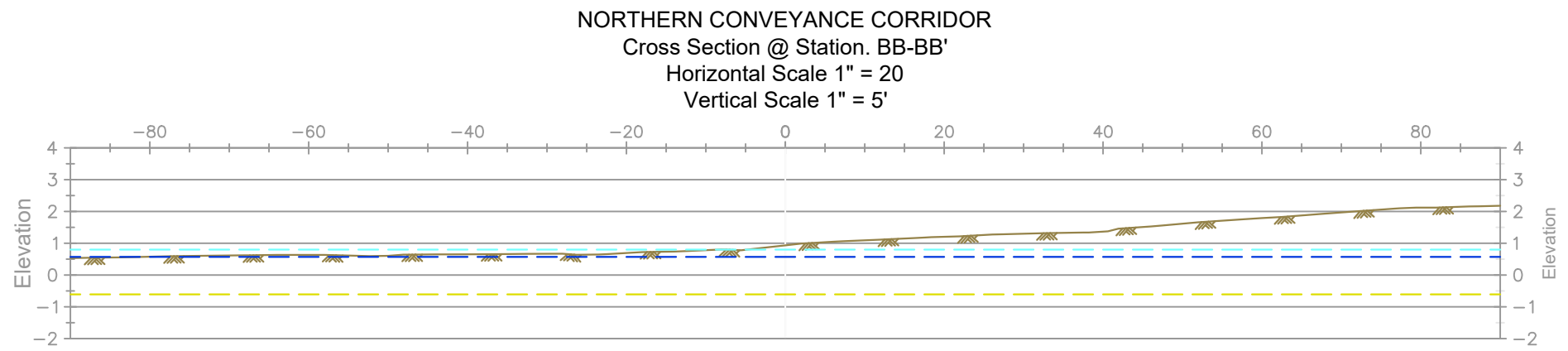
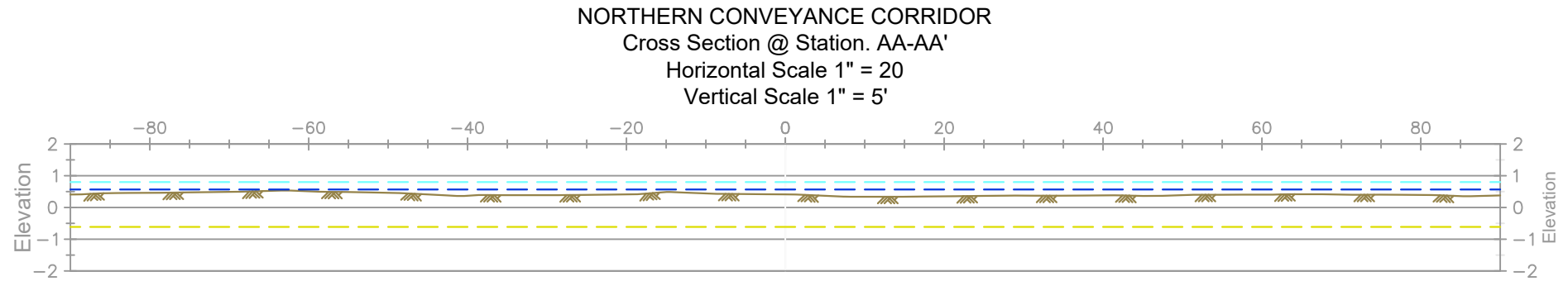
	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802			
LONG POINT BAYOU MARSH CREATION PROJECT	STATE PROJECT NUMBER: CS-0085	DESIGNED BY: RMJ	APPROVED BY: JBB	DATE: 08/20/2020
DRAWN BY: AMJ	PROFILE VIEW ACCESS CANAL	SHEET 19 OF 32		
REV.	DATE	DESCRIPTION		
BY				




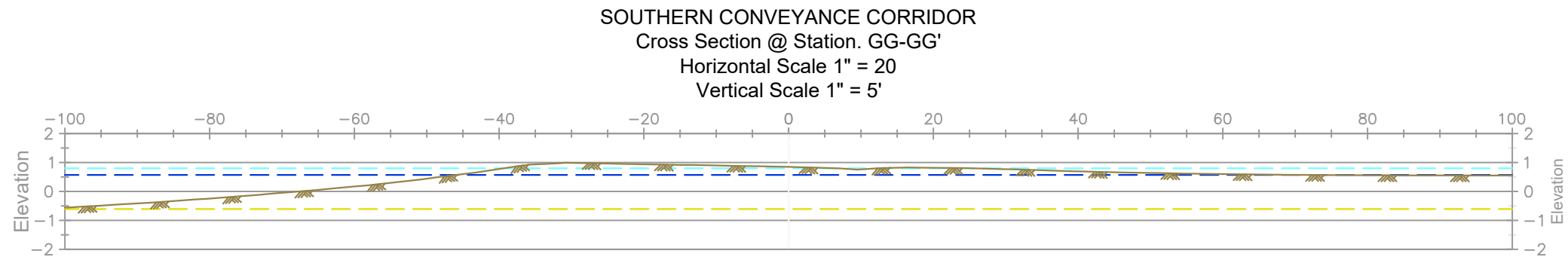
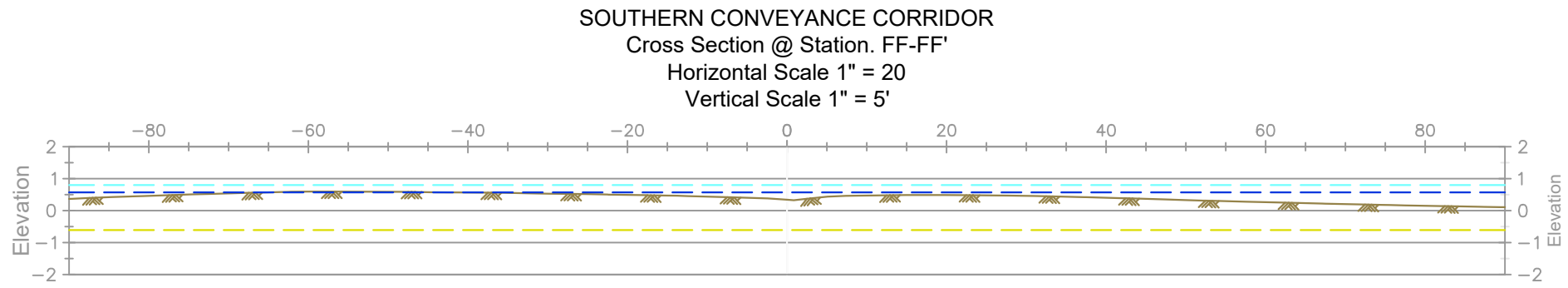
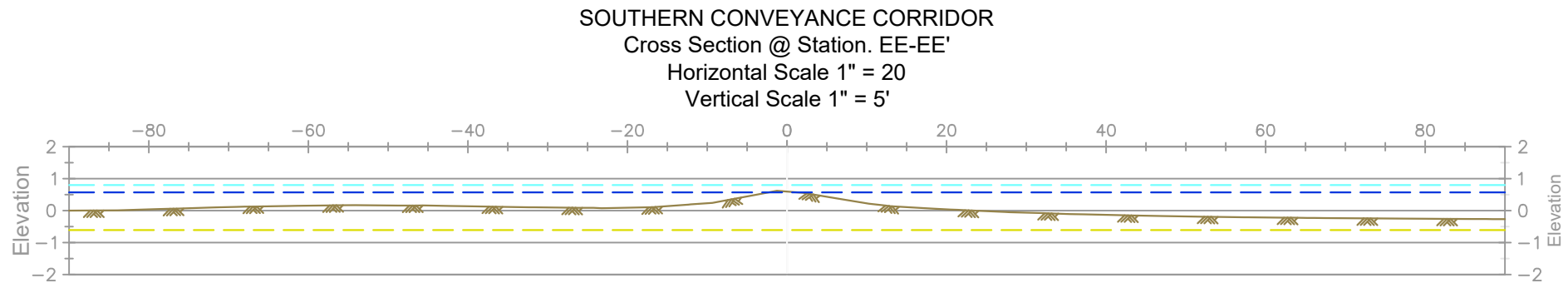
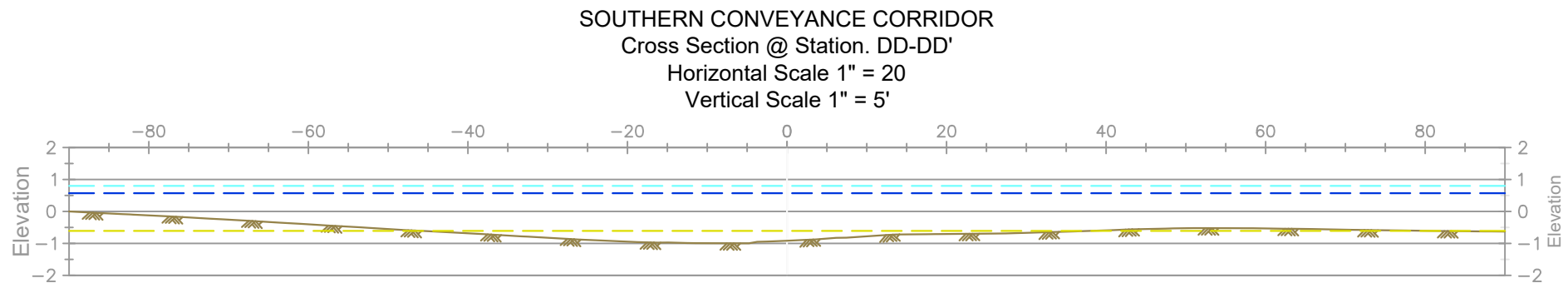
- - - - - Top of Water
- - - - - MHW +0.57
- - - - - MLW -0.61
- Natural Ground

 <b>FENSTERMAKER</b>		REV.	DATE	DESCRIPTION	BY
<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802					
PROFILE VIEW ACCESS CANAL		DESIGNED BY: RMJ APPROVED BY: JBB		LONG POINT BAYOU MARSH CREATION PROJECT	
STATE PROJECT NUMBER: CS-0085 DRAWN BY: AMJ		DATE: 08/20/2020		SHEET 20 OF 32	

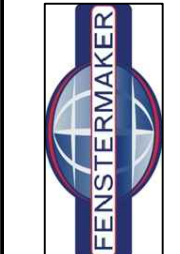




	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802			
PROFILE VIEW NORTHERN CONVEYANCE CORRIDOR	DESIGNED BY: RMJ			
LONG POINT BAYOU MARSH CREATION PROJECT	STATE PROJECT NUMBER: CS-0085			
DRAWN BY: AMJ	APPROVED BY: JBB			
DATE: 08/20/2020		REV.	DATE	DESCRIPTION
SHEET 22 OF 32				



- - - - Top of Water
- - - - MHW +0.57
- - - - MLW -0.61
- Natural Ground



**COASTAL PROTECTION  
AND RESTORATION  
AUTHORITY**  
150 TERRACE AVENUE  
BATON ROUGE, LOUISIANA 70802

PROFILE VIEW  
SOUTHERN  
CONVEYANCE CORRIDOR

DESIGNED BY: RMJ  
APPROVED BY: JBB

LONG POINT BAYOU  
MARSH CREATION  
PROJECT

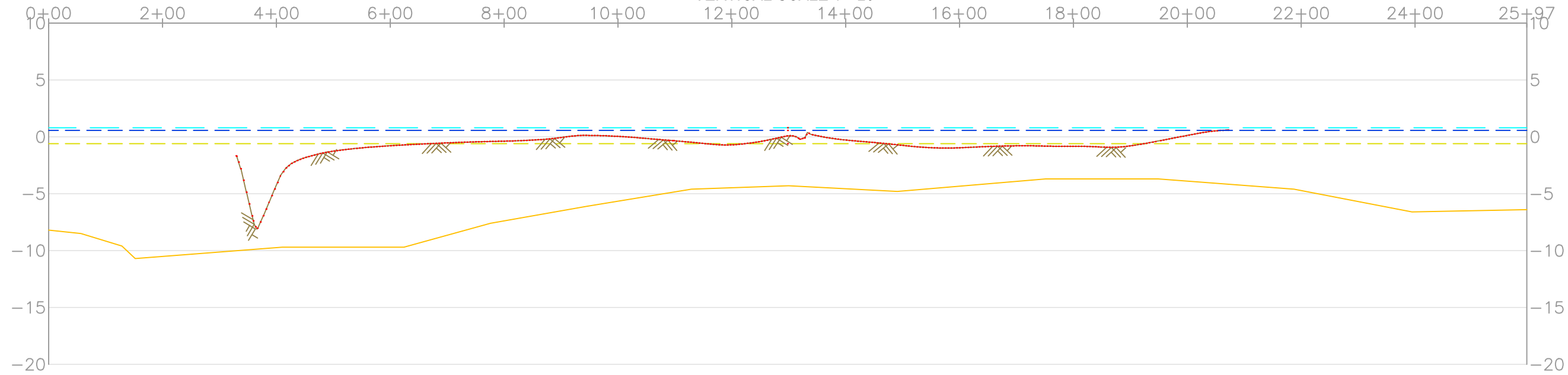
STATE PROJECT NUMBER: CS-0085  
DRAWN BY: AMJ

DATE: 08/20/2020


SHEET 23 OF 32

REV.	DATE	DESCRIPTION	BY

PIPELINE PROFILE A -> P  
 HORIZONTAL SCALE 1"=400'  
 VERTICAL SCALE 1"=20'



- - - Top of Water
- - - MHW +0.57
- - - MLW -0.61
- Natural Ground
- Pipeline

				
<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802				
LONG POINT BAYOU MARSH CREATION PROJECT	PROFILE VIEW PIPELINE			
STATE PROJECT NUMBER: CS-0085	DESIGNED BY: RMJ			
DRAWN BY: AMJ	APPROVED BY: JBB			
DATE: 08/20/2020				
SHEET 24 OF 32				
		REV.	DATE	BY

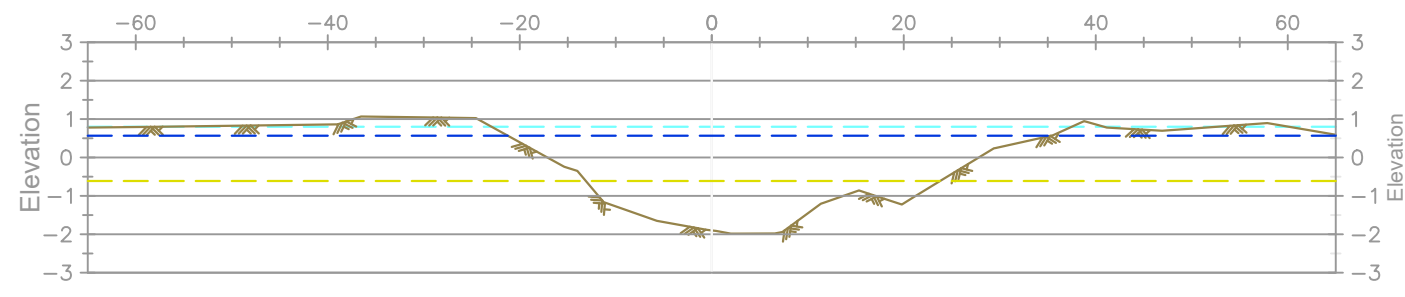




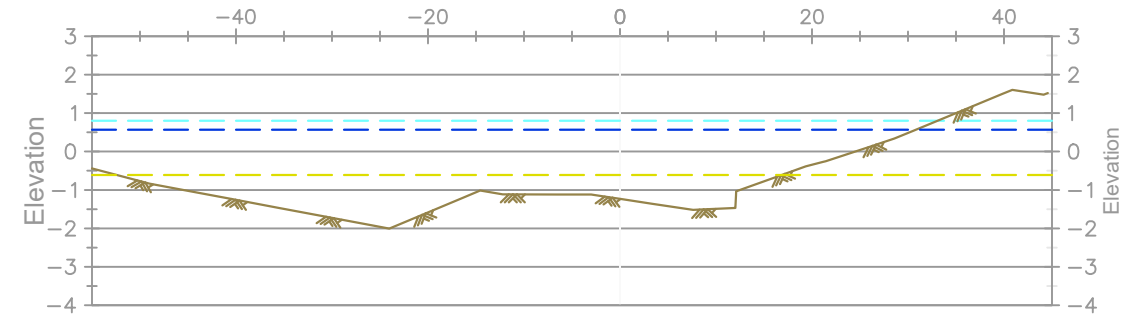
**LONG POINT BAYOU**

— Work Boundary


LONG POINT BAYOU  
Cross Section @ Station. M-M'  
Horizontal Scale 1" = 20  
Vertical Scale 1" = 5'



LONG POINT BAYOU  
Cross Section @ Station. N-N'  
Horizontal Scale 1" = 20  
Vertical Scale 1" = 5'




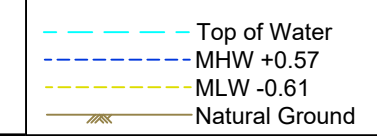
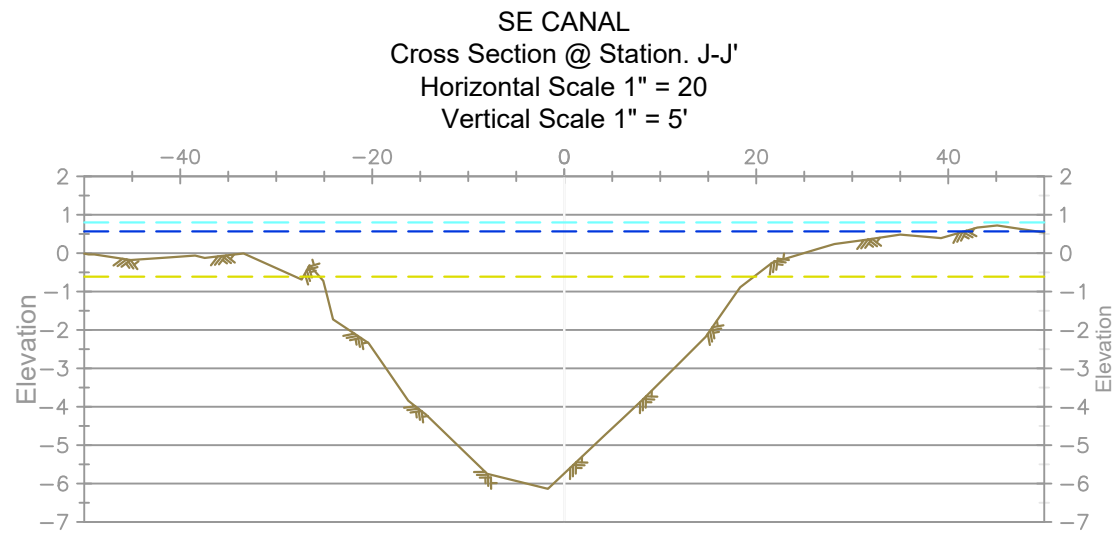
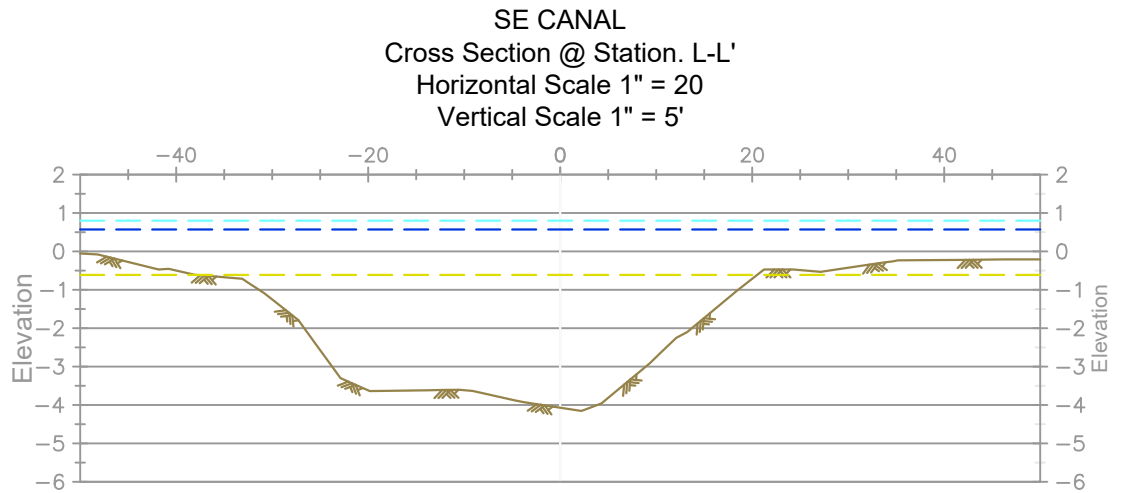
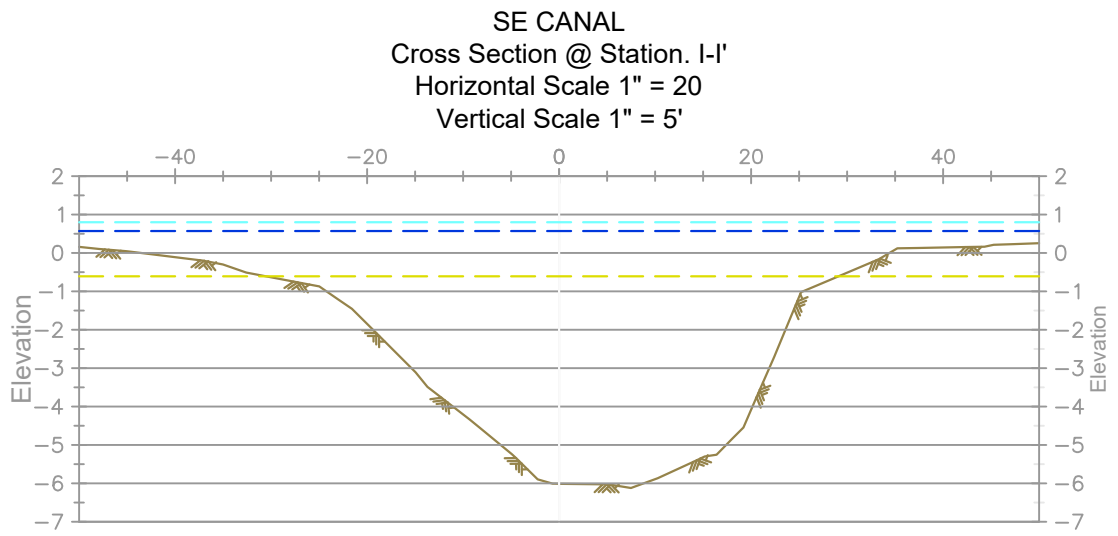
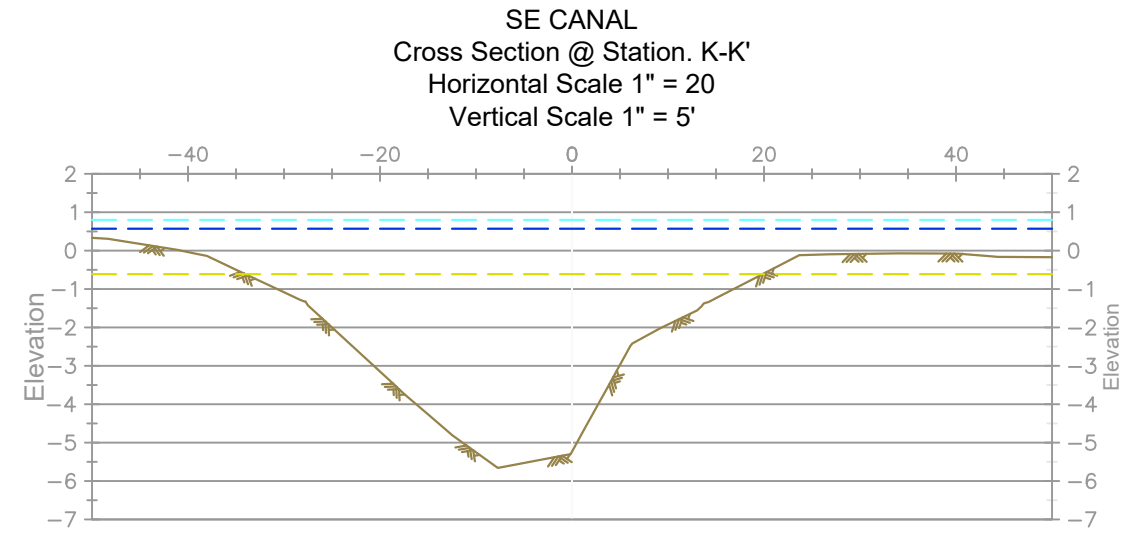
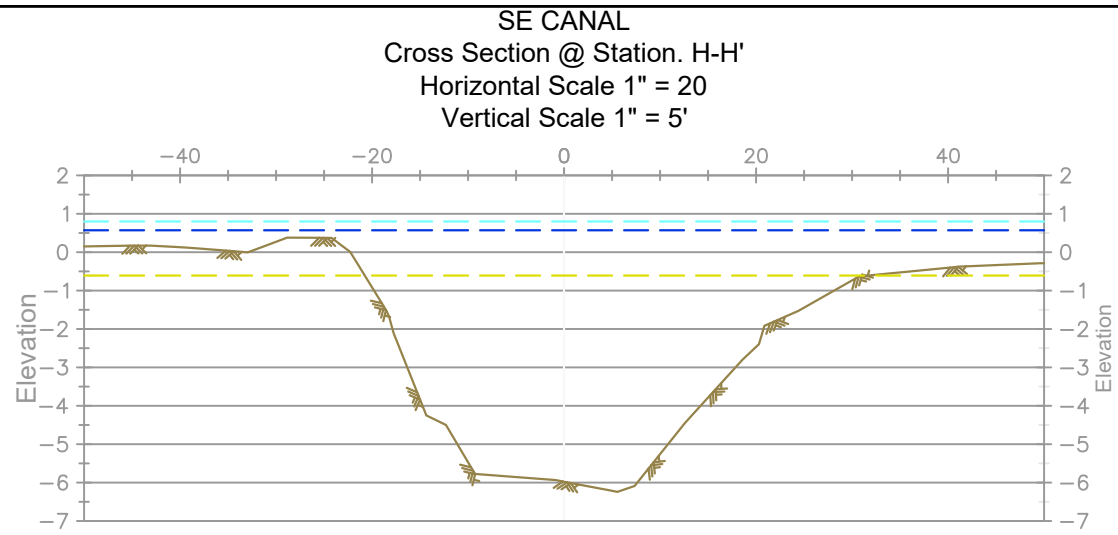
- - - Top of Water  
 - - - MHW +0.57  
 - - - MLW -0.61  
 Natural Ground

		COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802
LONG POINT BAYOU MARSH CREATION PROJECT SURVEY REPORT	STATE PROJECT NUMBER: CS-0085 DRAWN BY: AMJ	PLAN VIEW LONG POINT BAYOU & CROSS SECTIONS DESIGNED BY: RMJ APPROVED BY: RMJ
DATE: 08/20/2020 SHEET 25 OF 32	REV. DATE DESCRIPTION BY	REV. DATE DESCRIPTION BY



— Work Boundary

LONG POINT BAYOU MARSH CREATION PROJECT SURVEY REPORT		PLAN VIEW SOUTHEAST CANAL		<b>COASTAL PROTECTION          AND RESTORATION          AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802				REV.	DATE	DESCRIPTION	BY
STATE PROJECT NUMBER: CS-0085	DRAWN BY: AMJ	DESIGNED BY: RMJ	APPROVED BY: RMJ								
DATE: 08/20/2020		SHEET 26 OF 32									



**COASTAL PROTECTION  
AND RESTORATION  
AUTHORITY**  
150 TERRACE AVENUE  
BATON ROUGE, LOUISIANA 70802

PROFILE VIEW  
SOUTHEAST CANAL  
DESIGNED BY: RMJ  
APPROVED BY: JBB

LONG POINT BAYOU  
MARSH CREATION  
PROJECT  
STATE PROJECT NUMBER: CS-0085  
DRAWN BY: AMJ

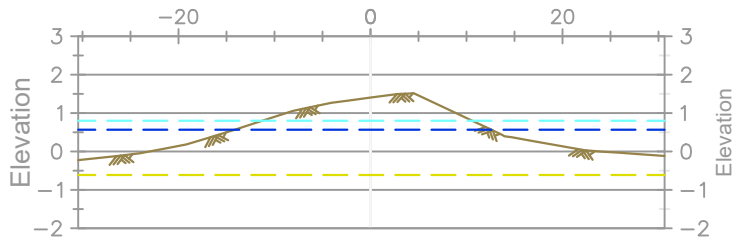
DATE: 08/20/2020  
SHEET 27 OF 32

REV.	DATE	DESCRIPTION	BY

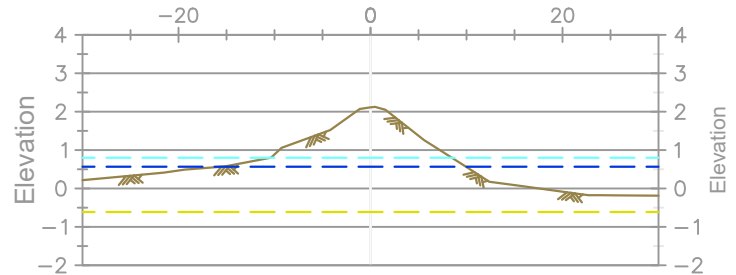


— Work Boundary

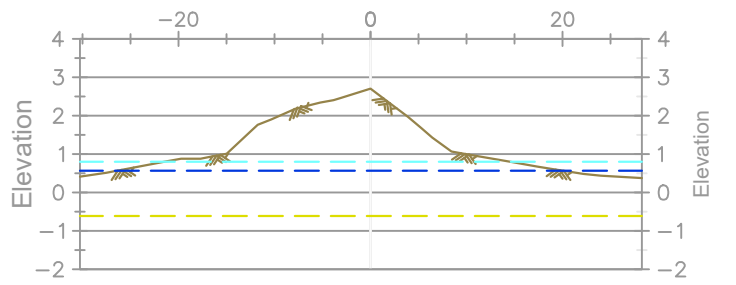
LEVEE  
Cross Section @ Station. O-O'  
Horizontal Scale 1" = 20  
Vertical Scale 1" = 5'




LEVEE  
Cross Section @ Station. P-P'  
Horizontal Scale 1" = 20  
Vertical Scale 1" = 5'

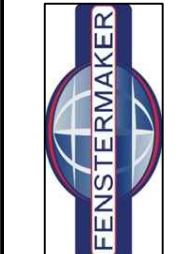
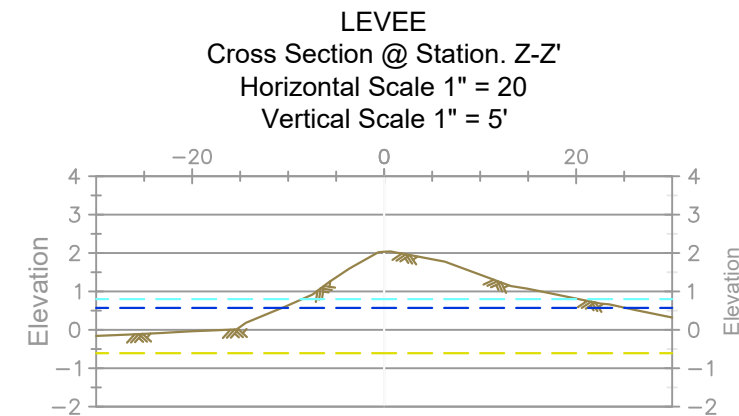
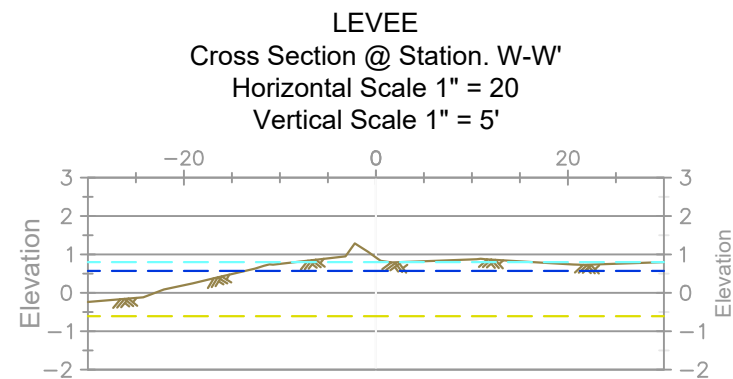
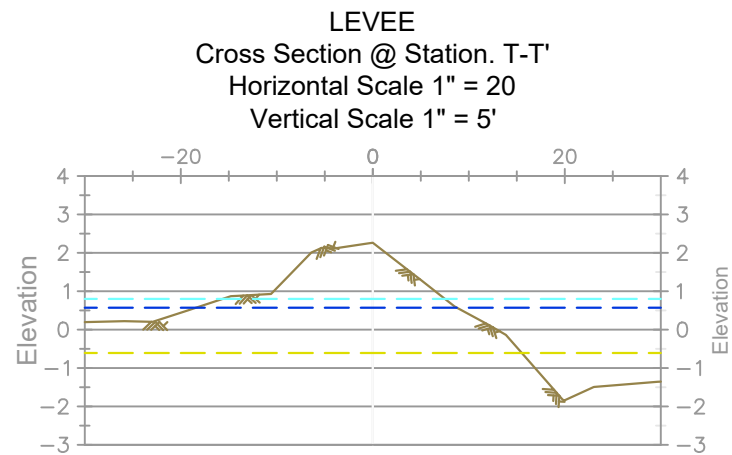
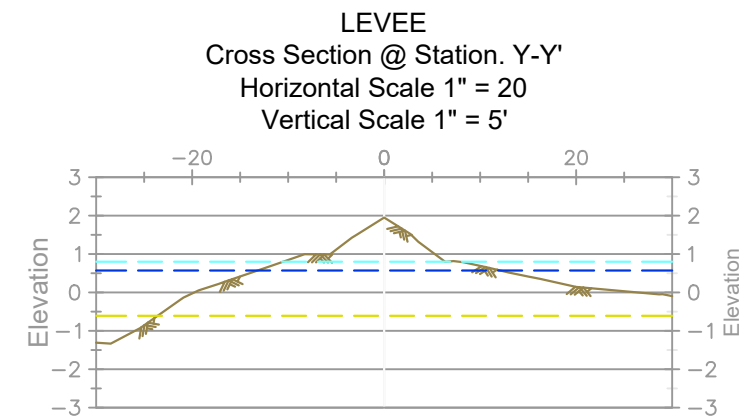
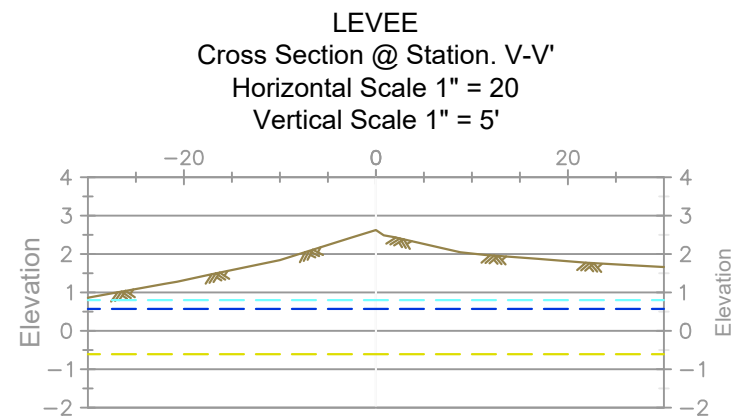
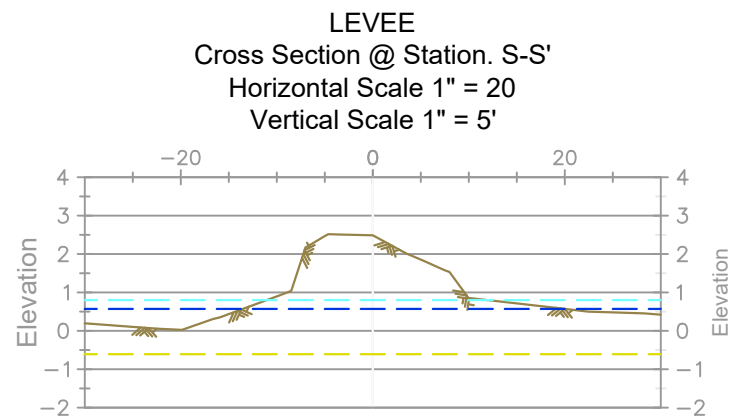
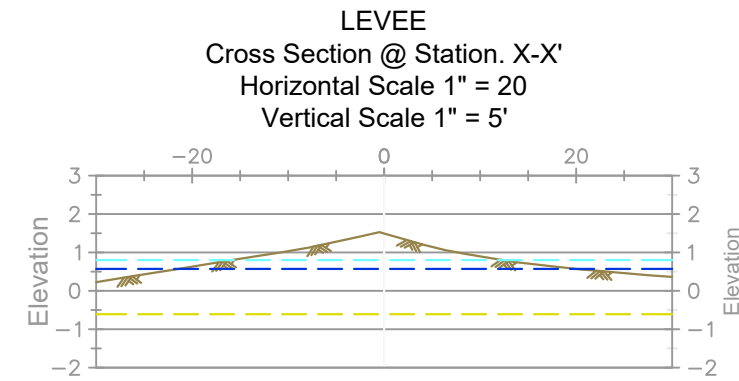
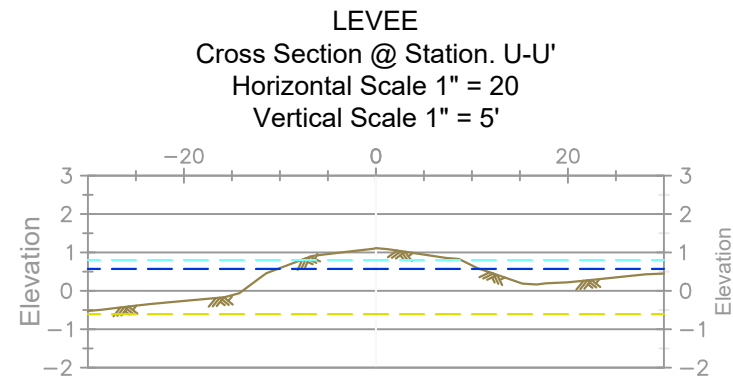
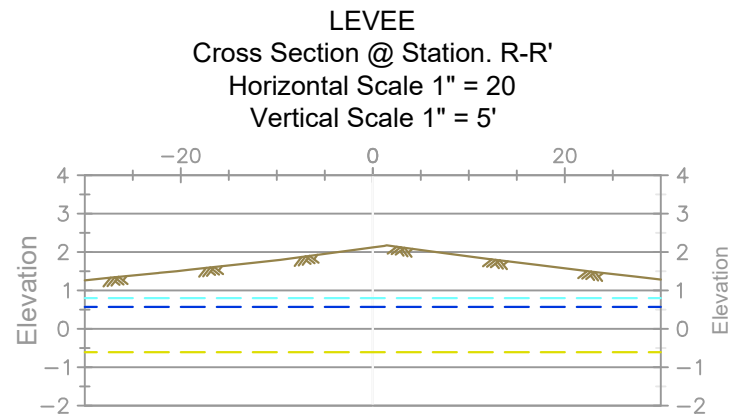


LEVEE  
Cross Section @ Station. Q-Q'  
Horizontal Scale 1" = 20  
Vertical Scale 1" = 5'



- - - - Top of Water
- - - - MHW +0.57
- - - - MLW -0.61
- Natural Ground

					
<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802					
PLAN VIEW	LEVEE	DESIGNED BY: RMJ	APPROVED BY: RMJ	DATE: 08/20/2020	BY:
LONG POINT BAYOU MARSH CREATION PROJECT SURVEY REPORT	STATE PROJECT NUMBER: CS-0085	DRAWN BY: AMJ			
SHEET 28 OF 32					



**COASTAL PROTECTION  
AND RESTORATION  
AUTHORITY**  
150 TERRACE AVENUE  
BATON ROUGE, LOUISIANA 70802

PROFILE VIEW  
LEVEE  
DESIGNED BY: RMJ  
APPROVED BY: JBB


LONG POINT BAYOU  
MARSH CREATION  
PROJECT  
STATE PROJECT NUMBER: CS-0085  
DRAWN BY: AMJ

DATE: 08/20/2020

SHEET 29 OF 32

REV.	DATE	DESCRIPTION	BY



LONG POINT BAYOU MARSH CREATION PROJECT SURVEY REPORT		PLAN VIEW MARSH ELEVATIONS		 <b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	
DATE: 08/20/2020	STATE PROJECT NUMBER: CS-0085	DESIGNED BY: RMJ	APPROVED BY: JBB	REV.	DATE
DRAWN BY: AMJ					DESCRIPTION
					BY



**Marsh Elevation Survey - Area 5**

Point No.	Northing	Easting	Elevation	Feature Code	Description	Type	Note
178-1124	521971.19	2636342.88	0.80	NG	NORMAL GROUND	MARSH	MUD LINE
178-1127	521942.28	2636349.16	0.82	NG	NORMAL GROUND	MARSH	MUD LINE
178-1128	521912.26	2636347.66	0.99	NG	NORMAL GROUND	MARSH	MUD LINE
178-1131	521883.65	2636347.18	1.11	NG	NORMAL GROUND	MARSH	MUD LINE
178-1132	521854.09	2636344.08	0.96	NG	NORMAL GROUND	MARSH	MUD LINE
178-1135	521852.53	2636375.33	1.20	NG	NORMAL GROUND	MARSH	MUD LINE
178-1136	521880.11	2636379.01	1.08	NG	NORMAL GROUND	MARSH	MUD LINE
178-1139	521910.74	2636378.47	1.09	NG	NORMAL GROUND	MARSH	MUD LINE
178-1140	521939.39	2636374.98	1.15	NG	NORMAL GROUND	MARSH	MUD LINE
178-1143	521970.15	2636377.20	0.79	NG	NORMAL GROUND	MARSH	MUD LINE
178-1144	521971.36	2636406.24	0.81	NG	NORMAL GROUND	MARSH	MUD LINE
178-1147	521941.99	2636403.96	0.89	NG	NORMAL GROUND	MARSH	MUD LINE
178-1148	521911.79	2636408.17	1.35	NG	NORMAL GROUND	MARSH	MUD LINE
178-1151	521885.75	2636405.69	1.01	NG	NORMAL GROUND	MARSH	MUD LINE
178-1152	521854.91	2636408.39	1.15	NG	NORMAL GROUND	MARSH	MUD LINE
178-1155	521851.34	2636435.71	1.04	NG	NORMAL GROUND	MARSH	MUD LINE
178-1156	521881.49	2636439.59	1.11	NG	NORMAL GROUND	MARSH	MUD LINE
178-1159	521910.43	2636439.75	1.09	NG	NORMAL GROUND	MARSH	MUD LINE
178-1160	521943.08	2636434.84	0.90	NG	NORMAL GROUND	MARSH	MUD LINE
178-1163	521969.80	2636439.04	0.86	NG	NORMAL GROUND	MARSH	MUD LINE
178-1164	521966.66	2636469.28	1.02	NG	NORMAL GROUND	MARSH	MUD LINE
178-1165	521938.14	2636469.17	0.84	NG	NORMAL GROUND	MARSH	MUD LINE
178-1168	521910.23	2636467.45	0.90	NG	NORMAL GROUND	MARSH	MUD LINE
178-1169	521882.75	2636468.55	0.97	NG	NORMAL GROUND	MARSH	MUD LINE
178-1172	521856.01	2636466.37	0.95	NG	NORMAL GROUND	MARSH	MUD LINE

Average Mudline Elevation = **0.99**

**Marsh Elevation Survey - Area 5**

Point No.	Northing	Easting	Elevation	Feature Code	Description	Type	Note
178-1125	521971.25	2636343.47	0.98	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1126	521942.15	2636349.40	1.31	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1129	521912.68	2636347.35	1.47	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1130	521883.50	2636346.88	1.59	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1133	521854.30	2636344.42	1.20	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1134	521852.97	2636375.25	1.71	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1137	521878.37	2636380.30	1.62	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1138	521911.21	2636378.22	1.54	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1141	521939.88	2636375.67	1.33	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1142	521970.36	2636378.69	1.20	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1145	521972.00	2636406.68	0.95	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1146	521941.07	2636404.76	1.39	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1149	521912.50	2636408.02	1.58	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1150	521885.15	2636406.53	1.92	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1153	521853.39	2636407.81	1.53	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1154	521853.30	2636435.27	1.44	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1157	521881.40	2636439.27	1.62	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1158	521910.20	2636439.71	1.40	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1161	521942.65	2636436.12	1.15	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1162	521969.72	2636439.49	1.32	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1166	521939.25	2636468.61	0.96	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1167	521910.68	2636468.13	1.24	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1170	521883.51	2636468.00	1.48	MISC	MISCELLANEOUS SHOT	PATENS ROOT	
178-1171	521854.80	2636467.55	1.54	MISC	MISCELLANEOUS SHOT	PATENS ROOT	

Average Root Elevation = **1.39**



**COASTAL PROTECTION  
AND RESTORATION  
AUTHORITY**  
150 TERRACE AVENUE  
BATON ROUGE, LOUISIANA 70802

PLAN VIEW  
MARSH ELEVATIONS  
DESIGNED BY: RMJ  
APPROVED BY: JBB

LONG POINT BAYOU  
MARSH CREATION PROJECT  
SURVEY REPORT  
STATE PROJECT NUMBER: CS-0085  
DRAWN BY: AMJ

DATE: 08/20/2020

SHEET 32 OF 32

REV.	DATE	DESCRIPTION	BY