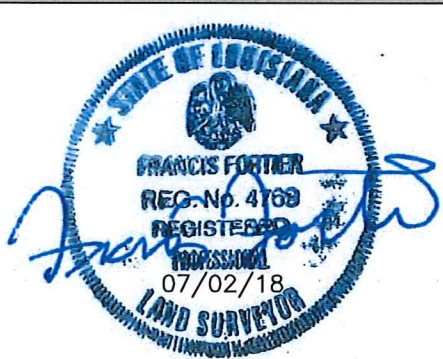
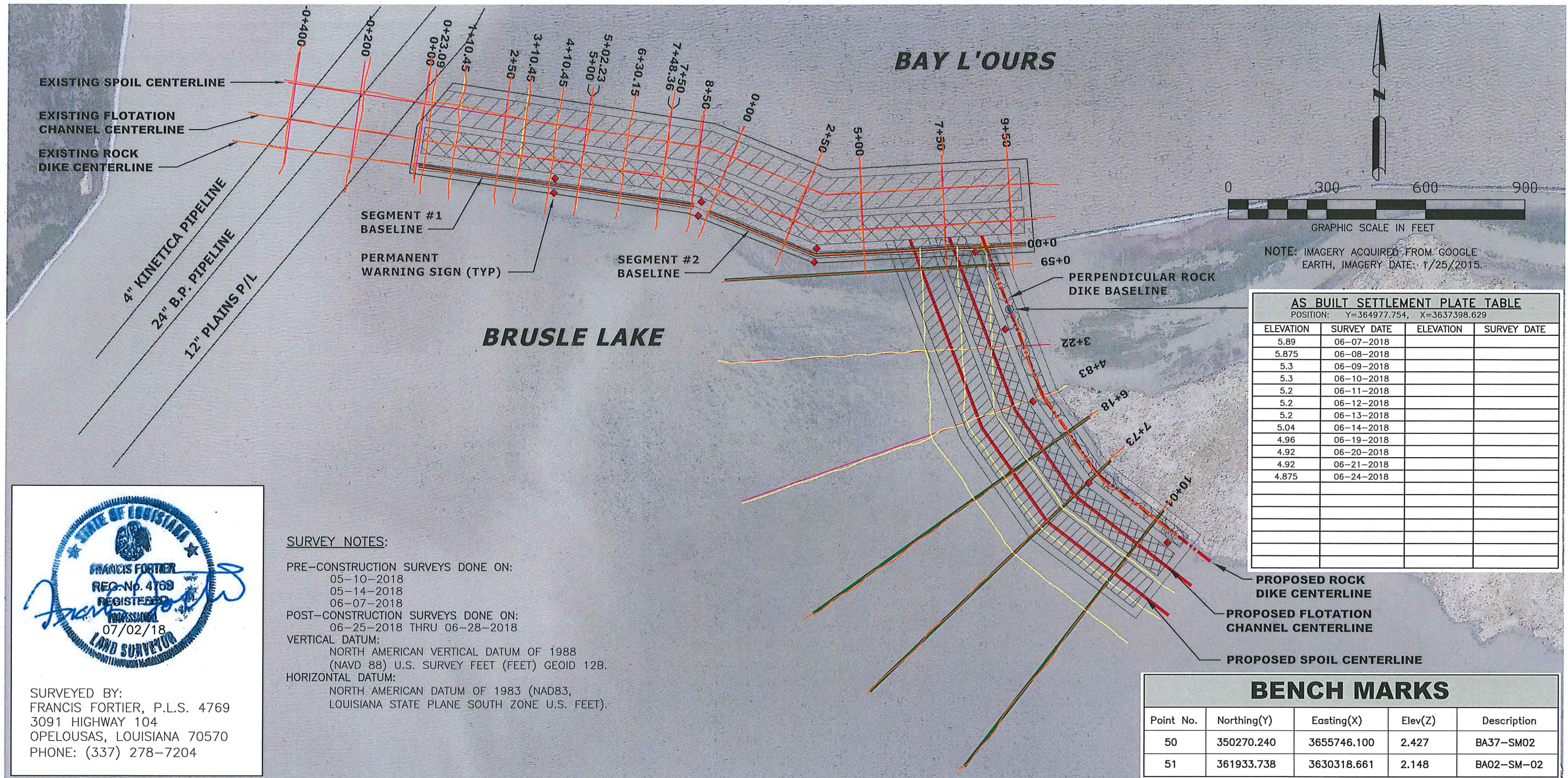




SURVEYED BY:
FRANCIS FORTIER, P.L.S. 4769
3091 HIGHWAY 104
OPELOUSAS, LOUISIANA 70570
PHONE: (337) 278-7204

SURVEY NOTES:

PRE-CONSTRUCTION SURVEYS DONE ON:
05-10-2018
05-14-2018
06-07-2018

POST-CONSTRUCTION SURVEYS DONE ON:
06-25-2018 THRU 06-28-2018

VERTICAL DATUM:
NORTH AMERICAN VERTICAL DATUM OF 1988
(NAVD 88) U.S. SURVEY FEET (FEET) GEOID 12B.

HORIZONTAL DATUM:
NORTH AMERICAN DATUM OF 1983 (NAD83,
LOUISIANA STATE PLANE SOUTH ZONE U.S. FEET).

AS BUILT SETTLEMENT PLATE TABLE			
POSITION: Y=364977.754, X=3637398.629			
ELEVATION	SURVEY DATE	ELEVATION	SURVEY DATE
5.89	06-07-2018		
5.875	06-08-2018		
5.3	06-09-2018		
5.3	06-10-2018		
5.2	06-11-2018		
5.2	06-12-2018		
5.2	06-13-2018		
5.04	06-14-2018		
4.96	06-19-2018		
4.92	06-20-2018		
4.92	06-21-2018		
4.875	06-24-2018		

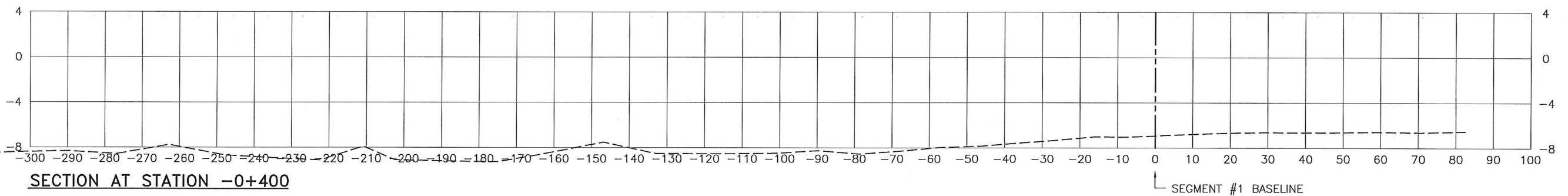
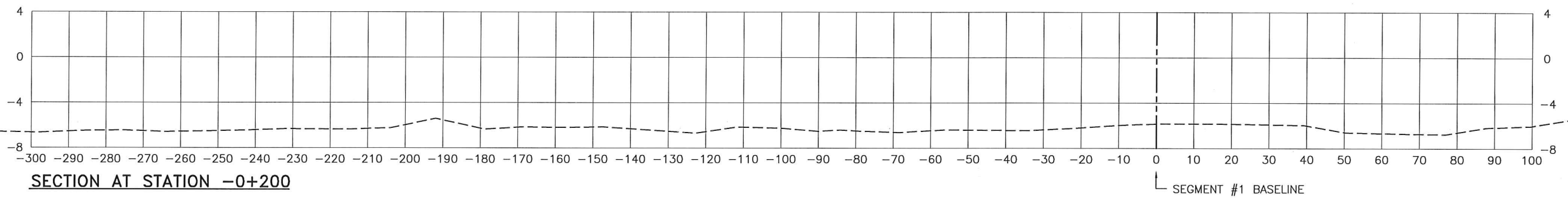
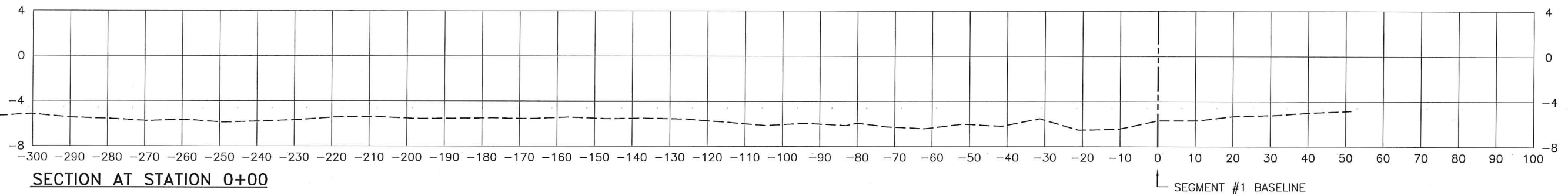
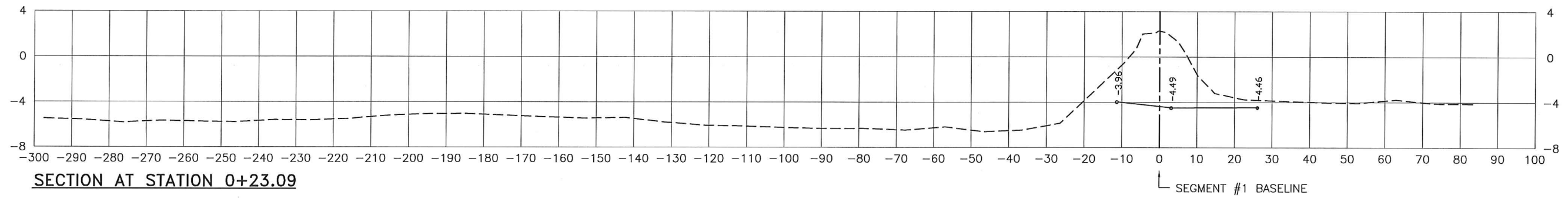
BENCH MARKS				
Point No.	Northing(Y)	Easting(X)	Elev(Z)	Description
50	350270.240	3655746.100	2.427	BA37-SM02
51	361933.738	3630318.661	2.148	BA02-SM-02

**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**
(REVISED PERPENDICULAR ROCK DIKE ALIGNMENT)
COVER SHEET
SCALE: 1"=300'

WORK BEING PERFORMED BY LEBLANC MARINE, L.L.C.
P.O. BOX 9959
3001 REX J. CHAMPAGNE RD.
NEW IBERIA, LOUISIANA 70560

-				
3	REVISED SHTS 8,13 & 22 & ADDED SETTLEMENT PLATE TABLE ON COVER SHIT	GPS	FAF	07/02/18
2	REVISED SHTS 1 THRU 5, 9 & 15 THRU 20	GPS	FAF	06/29/18
1	REVISED PERPENDICULAR ROCK DIKE LAYOUT & ADDED SHIT TO DWG	GPS	FAF	06/08/18
0	INITIAL ISSUE	GPS	FAF	05/21/18
REV	ISSUE	DWN	APP	DATE

2014-082.67 BA-37 Little Lake (Revised Dike Alignment).dwg - PLOTTED: 07/02/2018 AT 16:54:33 BY gstone

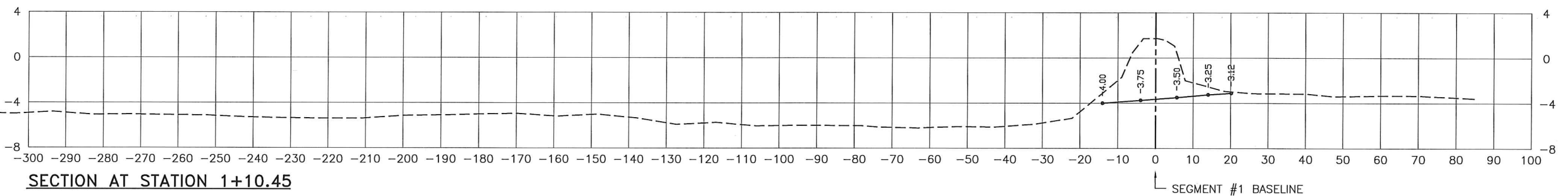
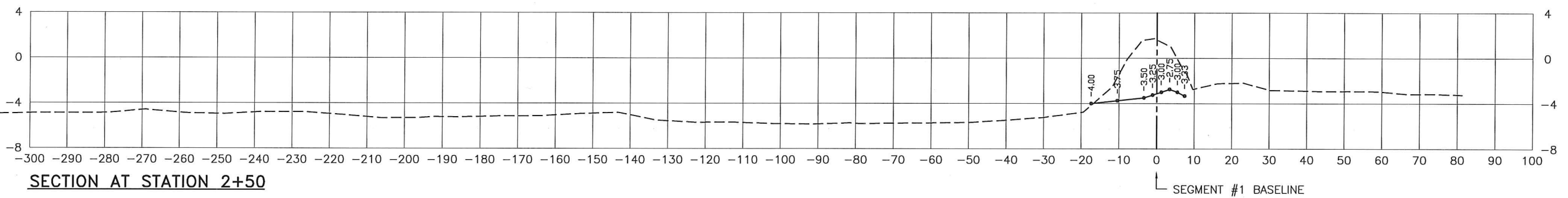
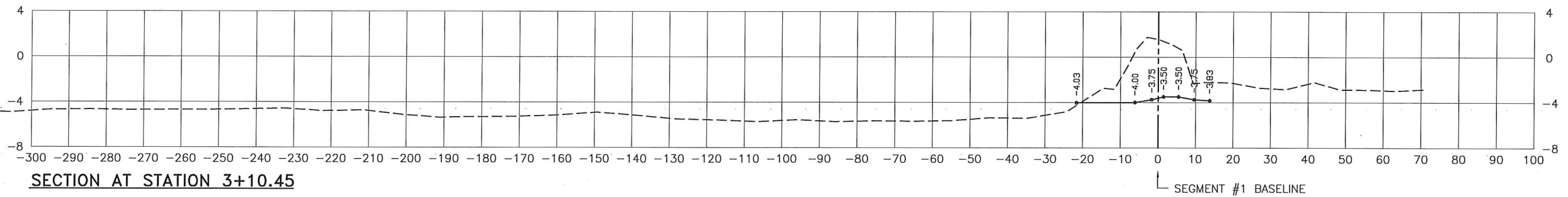
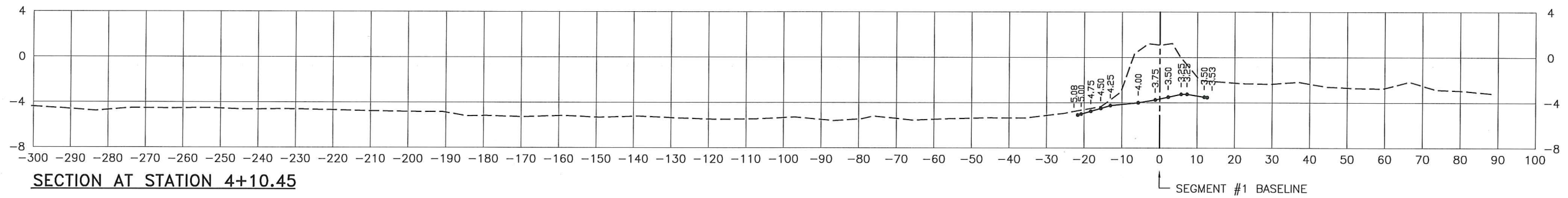


**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**
SEGMENT #1 CROSS SECTIONS
STATION -0+400 THRU 0+23.09
SCALE: VERT 1"=10', HORIZ 1"=30'

LEGEND:	
	DENOTES POST-CONSTRUCTION SURVEY
	DENOTES PRE-CONSTRUCTION SURVEY

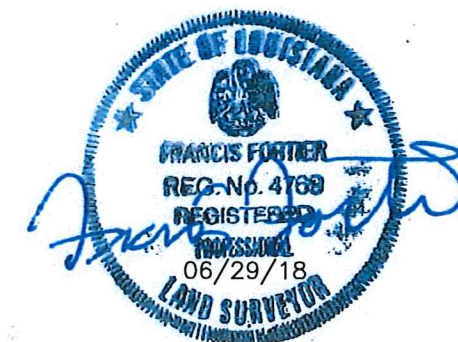


SURVEYED BY:
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OPELOUSAS, LOUISIANA 70570
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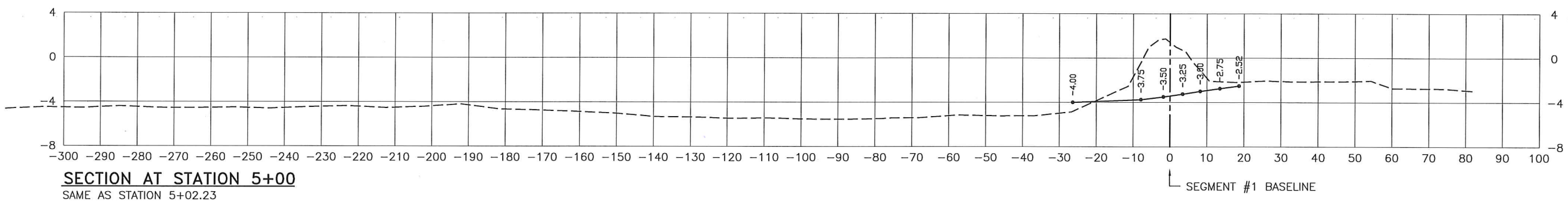
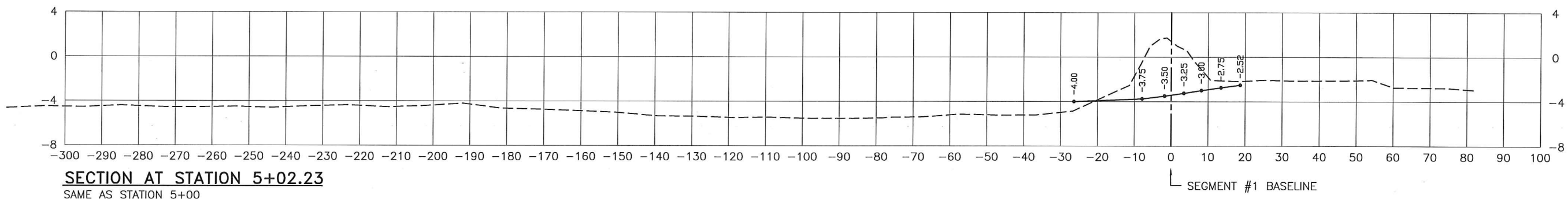
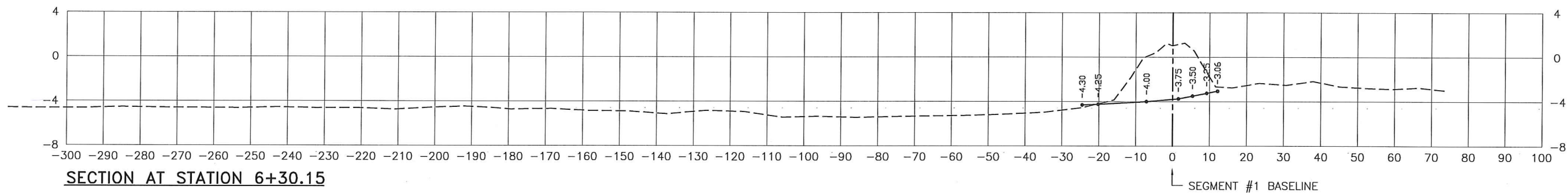
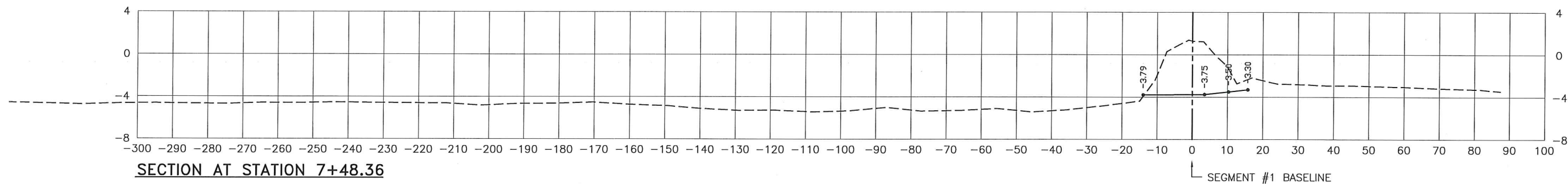


**LITTLE LAKE SHORELINE
PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**
SEGMENT #1 CROSS SECTIONS
STATION 1+10.45 THRU 4+10.45
SCALE: VERT 1"=10', HORIZ 1"=30'

LEGEND:	
	DENOTES POST-CONSTRUCTION SURVEY
	DENOTES PRE-CONSTRUCTION SURVEY



SURVEYED BY:
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3091 HIGHWAY 104
OPELOUSAS, LOUISIANA 70570
PHONE: (337) 278-7204

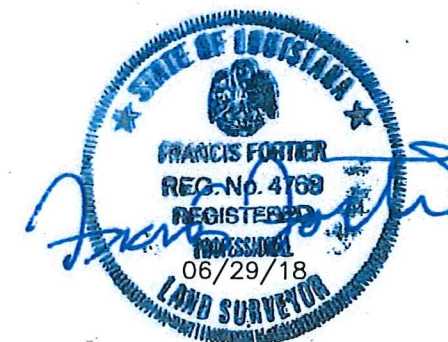


**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**

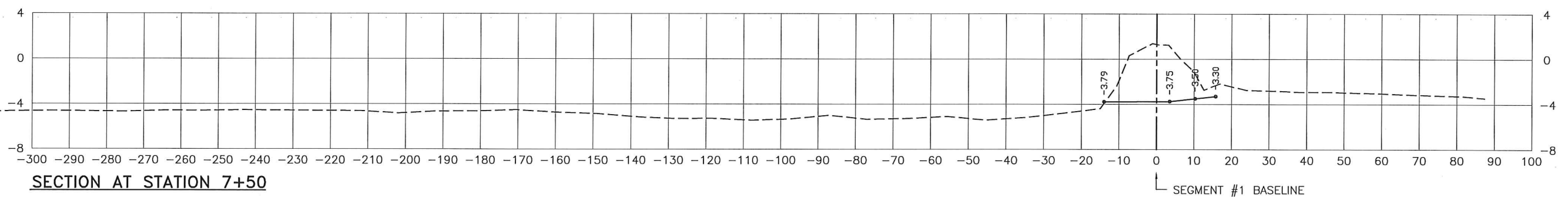
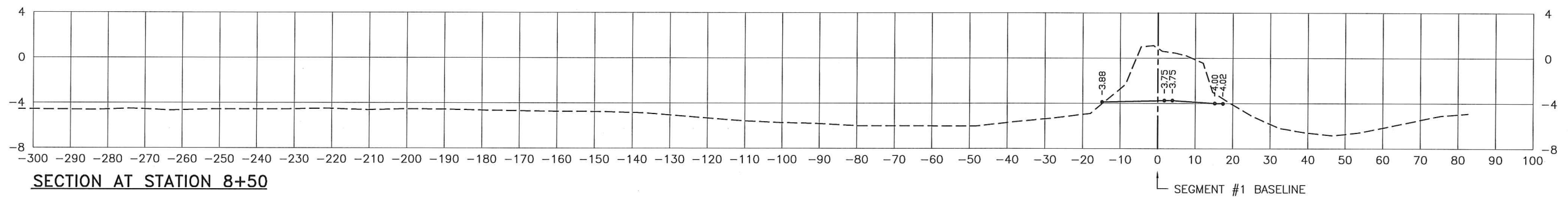
SEGMENT #1 CROSS SECTIONS
STATION 5+00 THRU 7+48.36

SCALE: VERT 1"=10', HORIZ 1"=30'

LEGEND:	
	DENOTES POST-CONSTRUCTION SURVEY
	DENOTES PRE-CONSTRUCTION SURVEY



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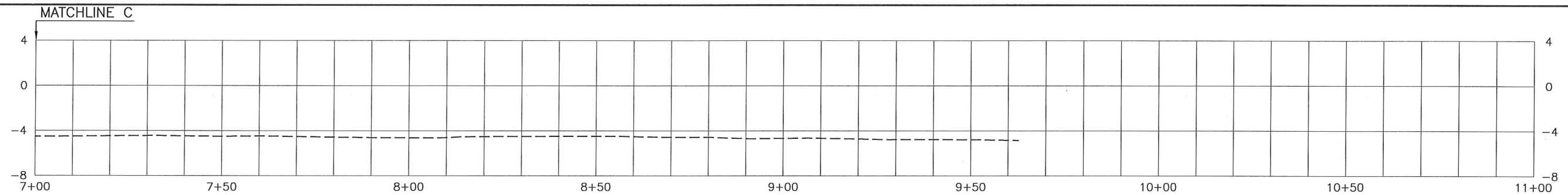


**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**
SEGMENT #1 CROSS SECTIONS
STATION 7+50 THRU 8+50
SCALE: VERT 1"=10', HORIZ 1"=30'

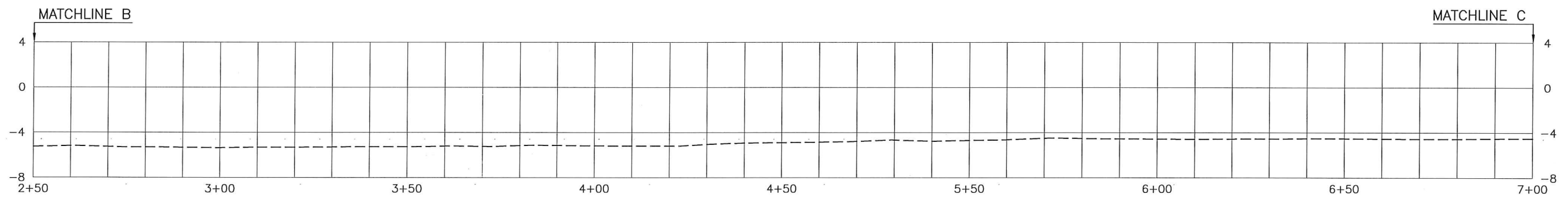
LEGEND:	
	DENOTES POST-CONSTRUCTION SURVEY
	DENOTES PRE-CONSTRUCTION SURVEY



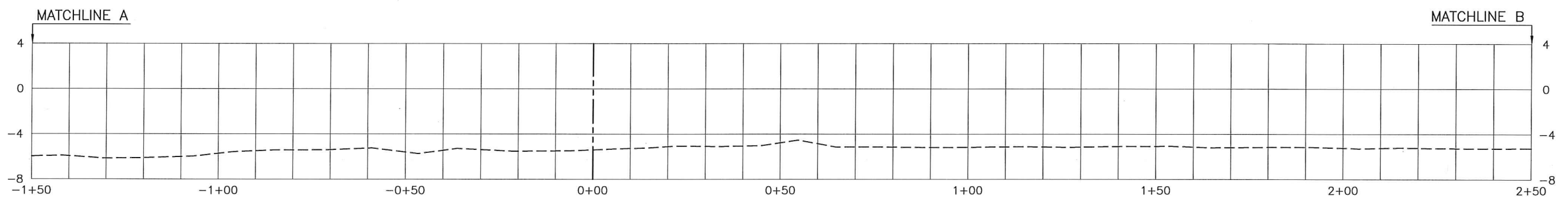
SURVEYED BY:
FRANCIS FORTIER, P.L.S. 4769
3091 HIGHWAY 104
OPELOUSAS, LOUISIANA 70570
PHONE: (337) 278-7204



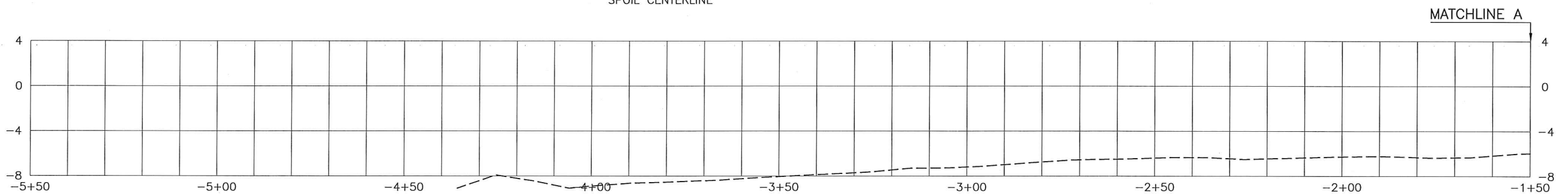
PROFILE STATION 7+00 THRU 9+63



PROFILE STATION 2+50 THRU 7+00



PROFILE STATION -1+50 THRU 2+50



PROFILE STATION -4+36 THRU -1+50

**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**

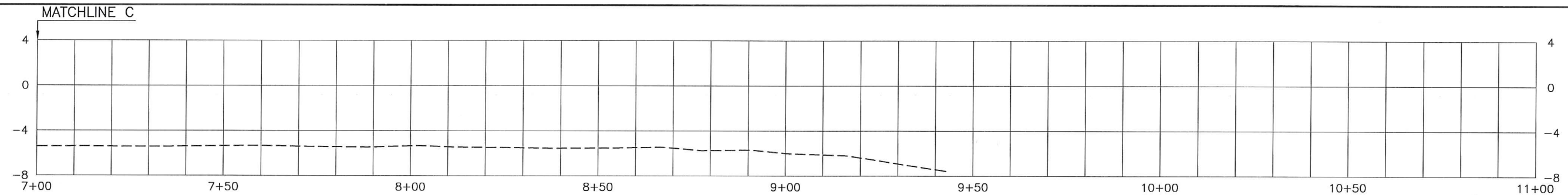
SEGMENT #1
SPOIL CENTERLINE PROFILE
STATION -4+36 THRU 9+63

SCALE: VERT 1"=10', HORIZ 1"=30'

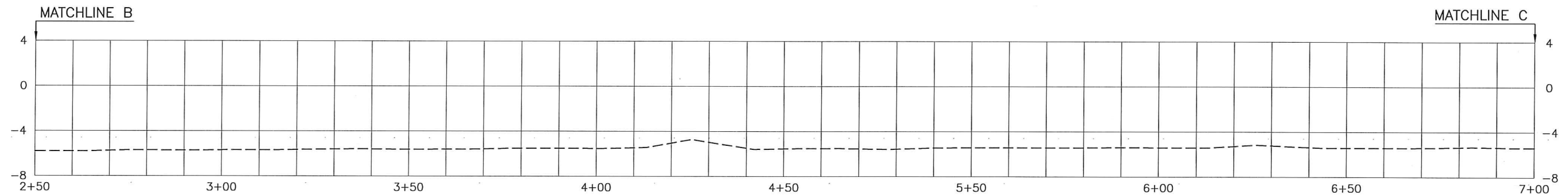
LEGEND:	
	DENOTES POST-CONSTRUCTION SURVEY
	DENOTES PRE-CONSTRUCTION SURVEY



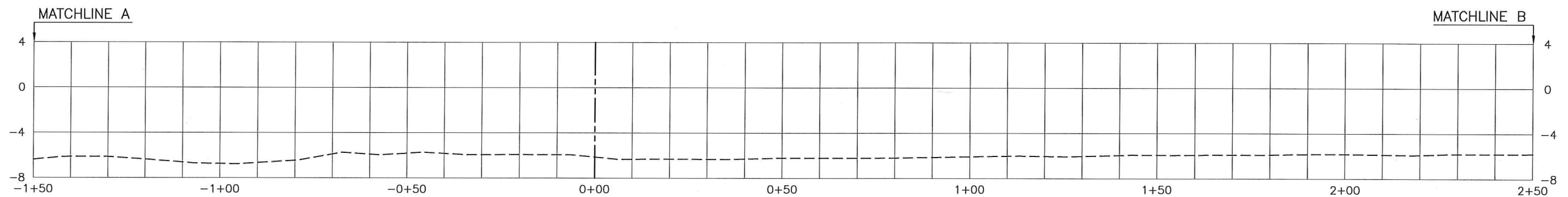
SURVEYED BY:
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3091 HIGHWAY 104
OPELOUSAS, LOUISIANA 70570
PHONE: (337) 278-7204



PROFILE STATION 7+00 THRU 9+43

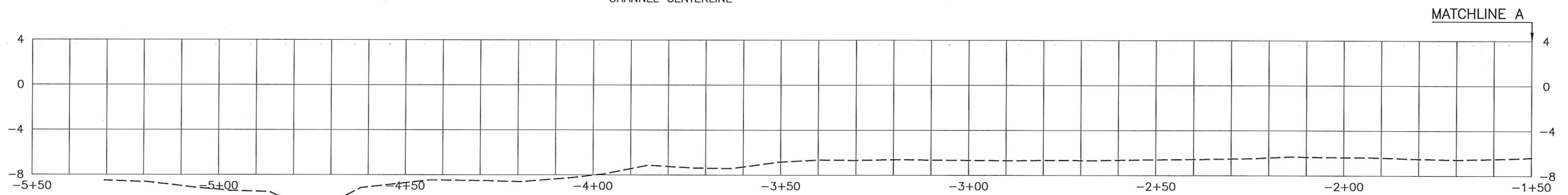


PROFILE STATION 2+50 THRU 7+00



PROFILE STATION -1+50 THRU 2+50

SEGMENT #1 EXISTING FLOTATION
CHANNEL CENTERLINE



PROFILE STATION -5+31 THRU -1+50

**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**

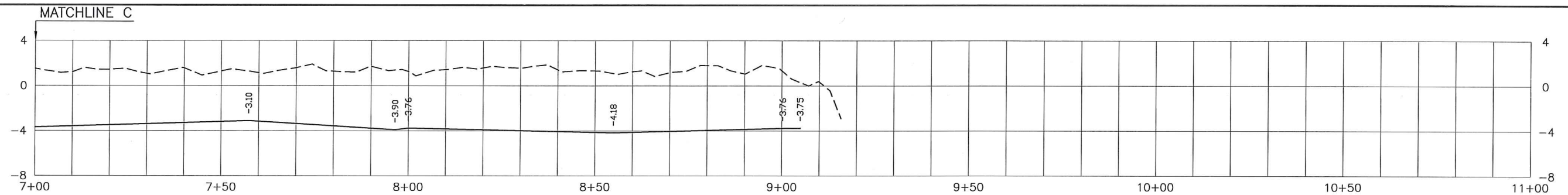
SEGMENT #1
FLOTATION CHANNEL PROFILE
STATION -5+31 THRU 9+43

SCALE: VERT 1"=10', HORIZ 1"=30'

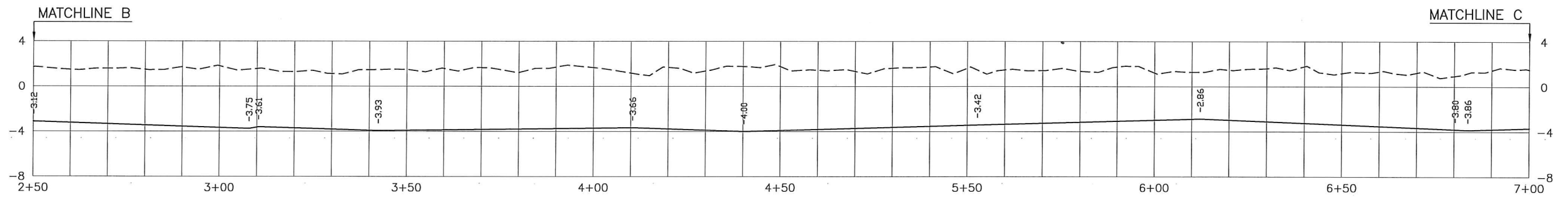
LEGEND:	
	DENOTES POST-CONSTRUCTION SURVEY
	DENOTES PRE-CONSTRUCTION SURVEY



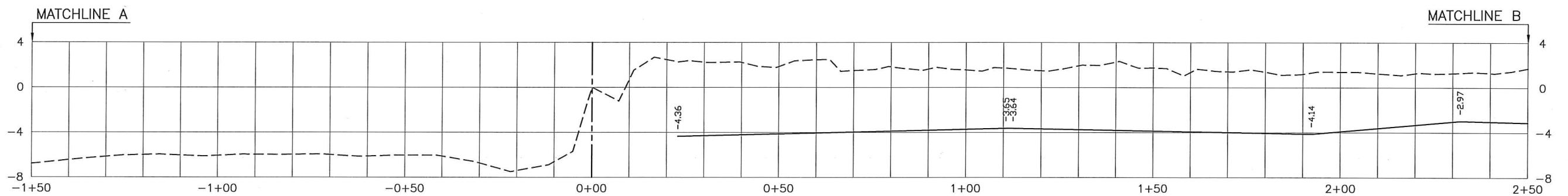
SURVEYED BY:
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3091 HIGHWAY 104
OPELOUSAS, LOUISIANA 70570
PHONE: (337) 278-7204



PROFILE STATION 7+00 THRU 9+16

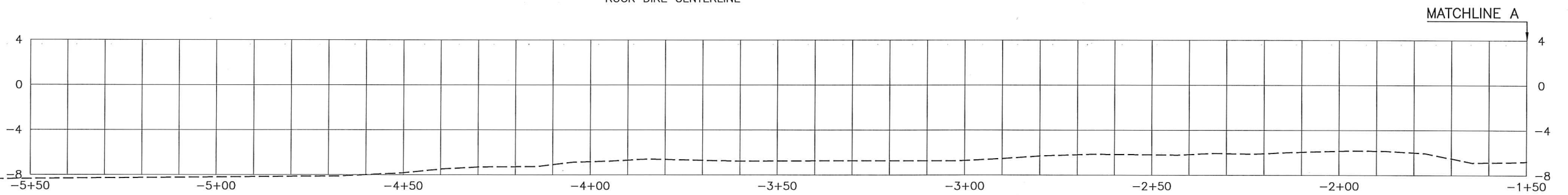


PROFILE STATION 2+50 THRU 7+00



PROFILE STATION -1+50 THRU 2+50

SEGMENT #1 EXISTING
ROCK DIKE CENTERLINE



PROFILE STATION -5+66 THRU -1+50

**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**

SEGMENT #1

ROCK DIKE PROFILE

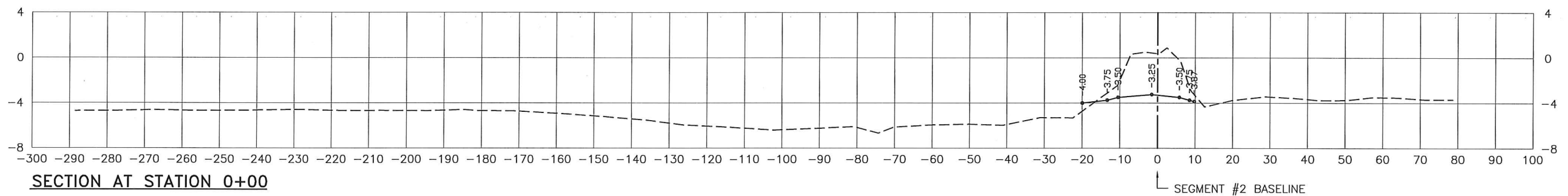
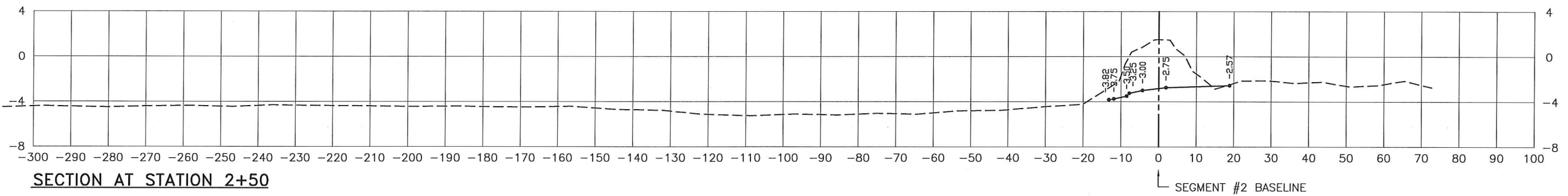
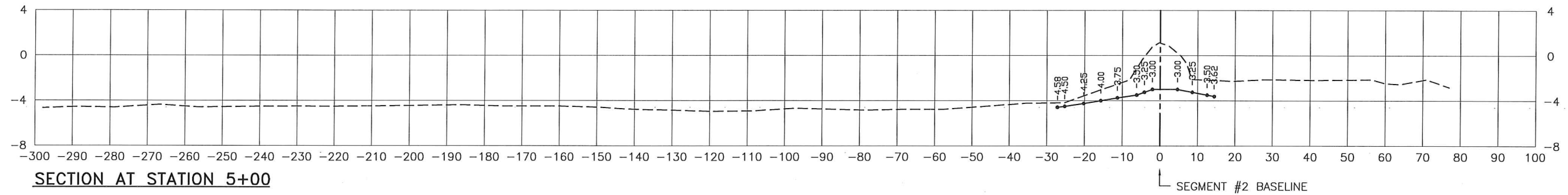
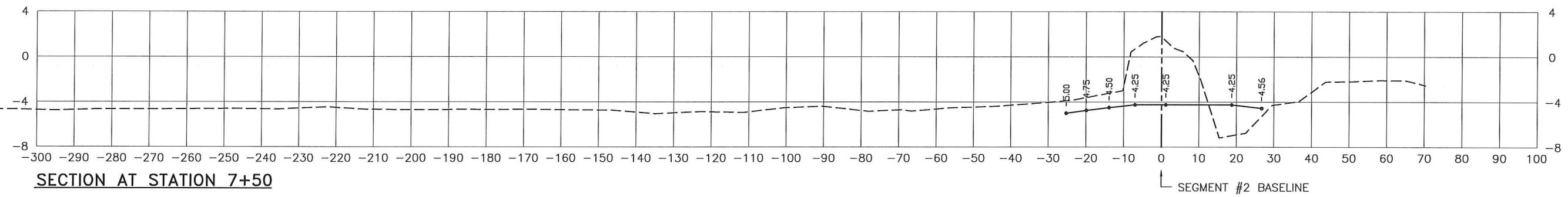
STATION STATION -5+66 THRU 9+16

SCALE: VERT 1"=10', HORIZ 1"=30'

LEGEND:	
	DENOTES POST-CONSTRUCTION SURVEY
	DENOTES PRE-CONSTRUCTION SURVEY



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PHONE: (337) 278-7204



**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**

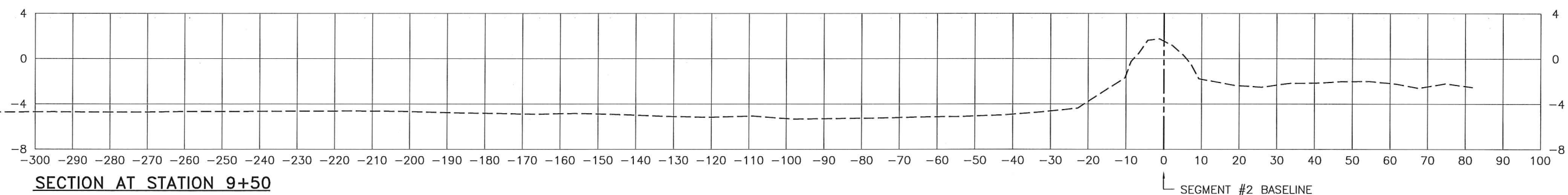
SEGMENT #2 CROSS SECTIONS
STATION 0+00 THRU 7+50

SCALE: VERT 1"=10', HORIZ 1"=30'

LEGEND:	
	DENOTES POST-CONSTRUCTION SURVEY
	DENOTES PRE-CONSTRUCTION SURVEY



SURVEYED BY:
FRANCIS FORTIER, P.L.S. 4769
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OPELOUSAS, LOUISIANA 70570
PHONE: (337) 278-7204

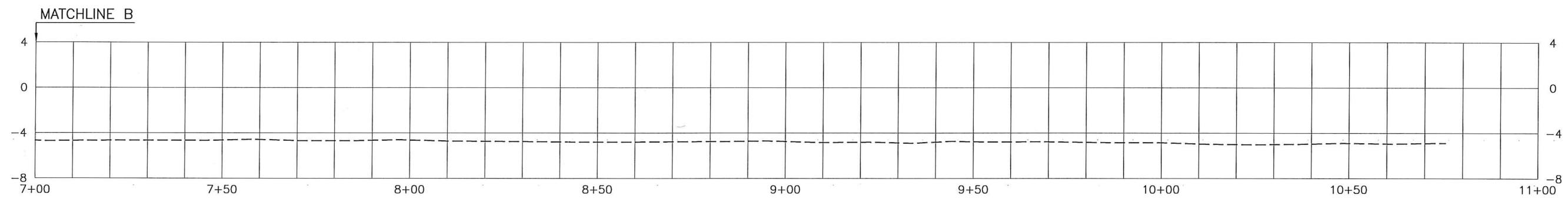


**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**
SEGMENT #2 CROSS SECTIONS
STATION 9+50
SCALE: VERT 1"=10', HORIZ 1"=30'

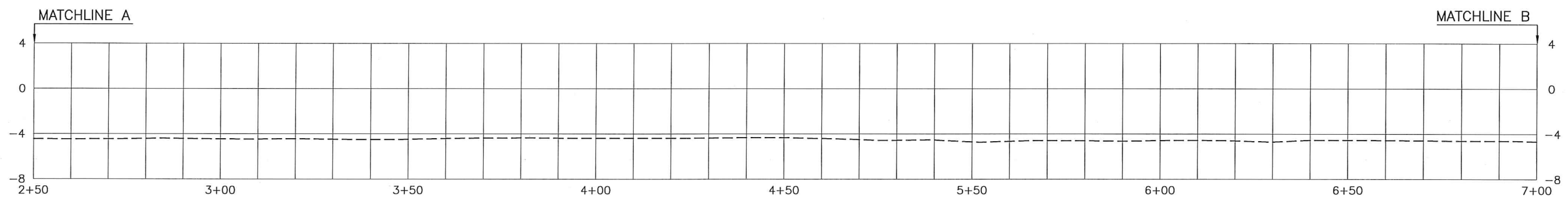
LEGEND:	
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	DENOTES PRE-CONSTRUCTION SURVEY



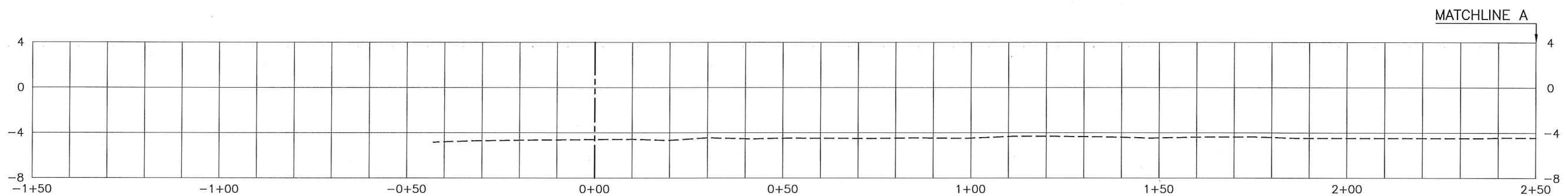
SURVEYED BY:
FRANCIS FORTIER, P.L.S. 4769
3091 HIGHWAY 104
OPELOUSAS, LOUISIANA 70570
PHONE: (337) 278-7204



PROFILE STATION 7+00 THRU 10+75



PROFILE STATION 2+50 THRU 7+00



PROFILE STATION -1+50 THRU 2+50

**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**

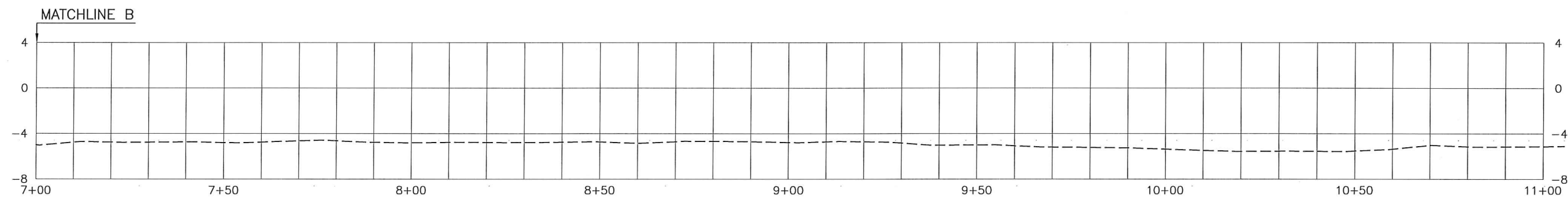
SEGMENT #2
SPOIL CENTERLINE PROFILES
STATION -0+43 THRU 10+75

SCALE: VERT 1"=10', HORIZ 1"=30'

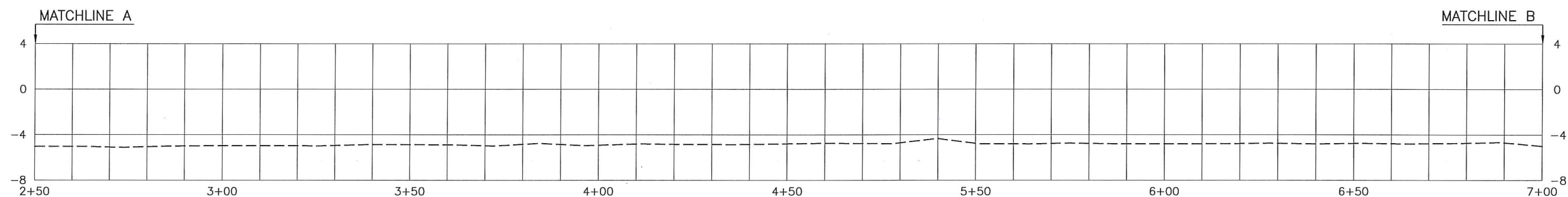
LEGEND:	
	DENOTES POST-CONSTRUCTION SURVEY
	DENOTES PRE-CONSTRUCTION SURVEY



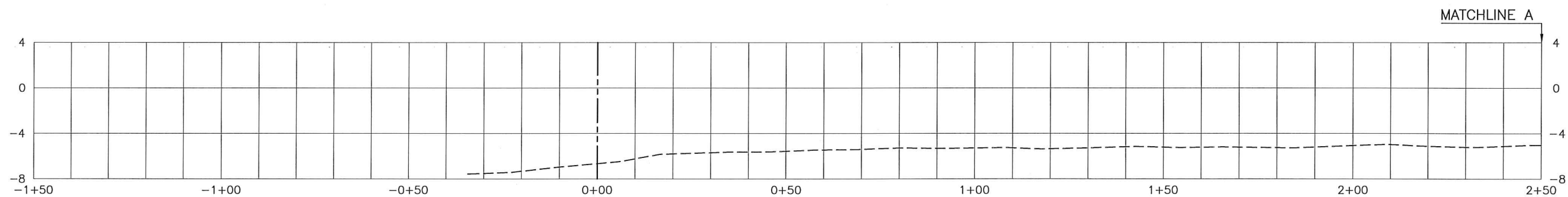
SURVEYED BY:
FRANCIS FORTIER, P.L.S. 4769
3091 HIGHWAY 104
OPELOUSAS, LOUISIANA 70570
PHONE: (337) 278-7204



PROFILE STATION 7+00 THRU 11+06



PROFILE STATION 2+50 THRU 7+00



PROFILE STATION -1+34 THRU 2+50

**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**

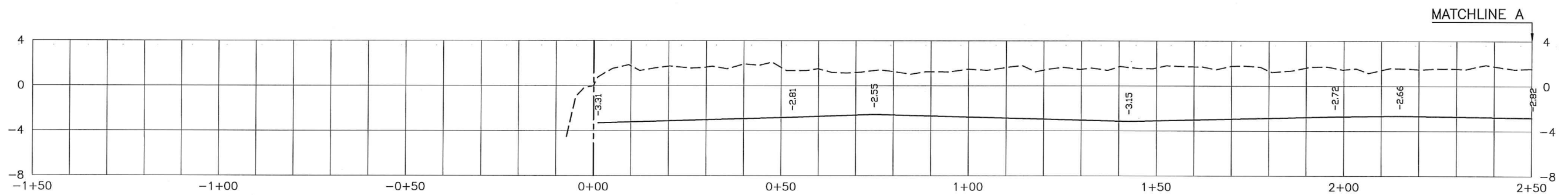
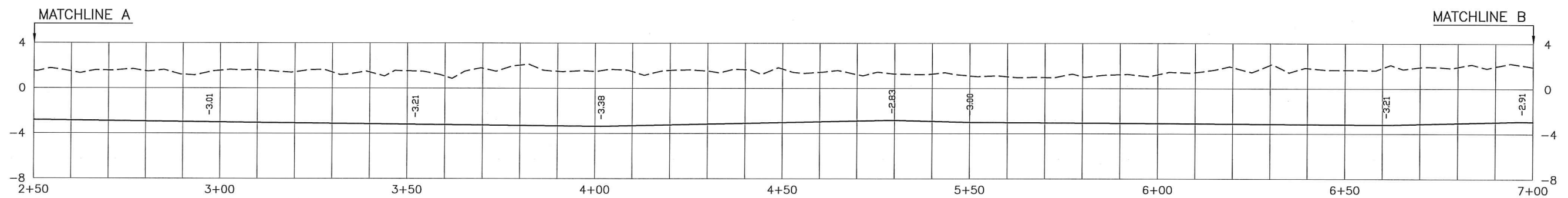
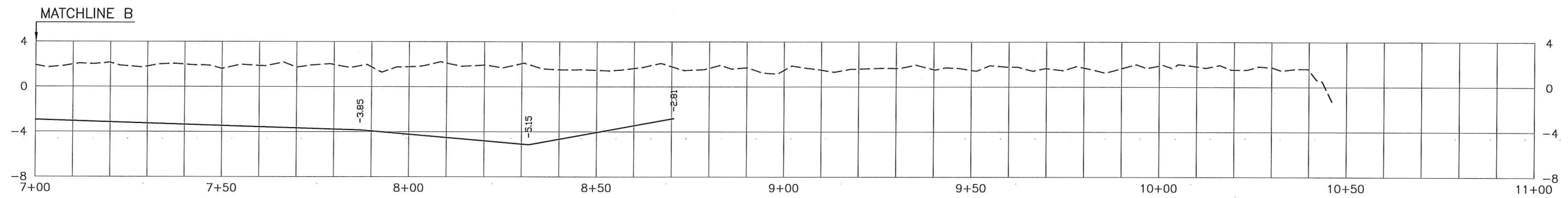
SEGMENT #2
FLOTATION CHANNEL PROFILES
STATION -0+34 THRU 11+06

SCALE: VERT 1"=10', HORIZ 1"=30'

LEGEND:	
	DENOTES POST-CONSTRUCTION SURVEY
	DENOTES PRE-CONSTRUCTION SURVEY



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**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**

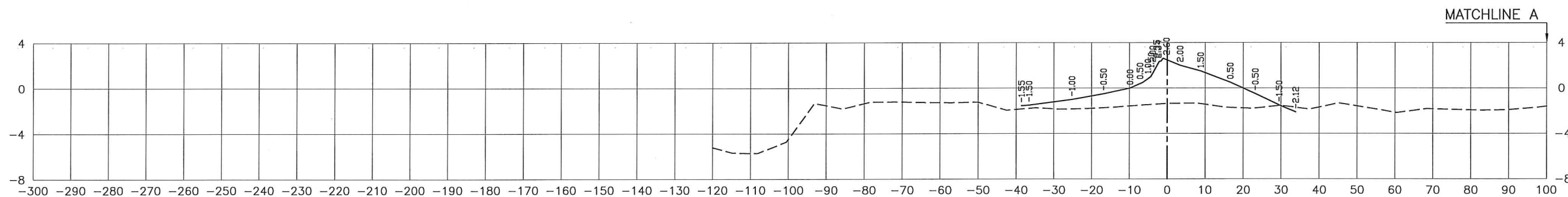
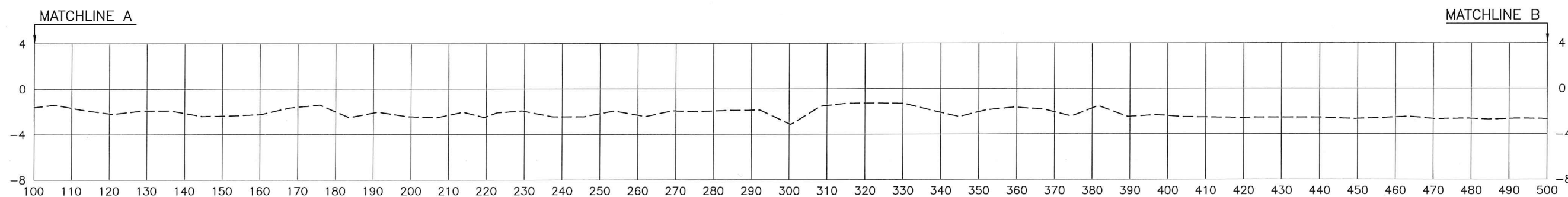
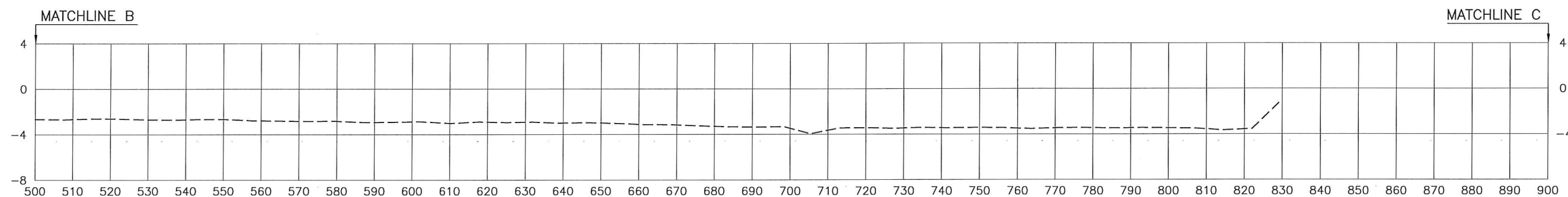
SEGMENT #2
ROCK DIKE PROFILES
STATION -0+07 THRU 10+46

SCALE: VERT 1"=10', HORIZ 1"=30'

LEGEND:	
---#---#---#---	DENOTES POST-CONSTRUCTION SURVEY
-----	DENOTES PRE-CONSTRUCTION SURVEY



SURVEYED BY:
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3091 HIGHWAY 104
OPELOUSAS, LOUISIANA 70570
PHONE: (337) 278-7204



SECTION AT STATION 0+59

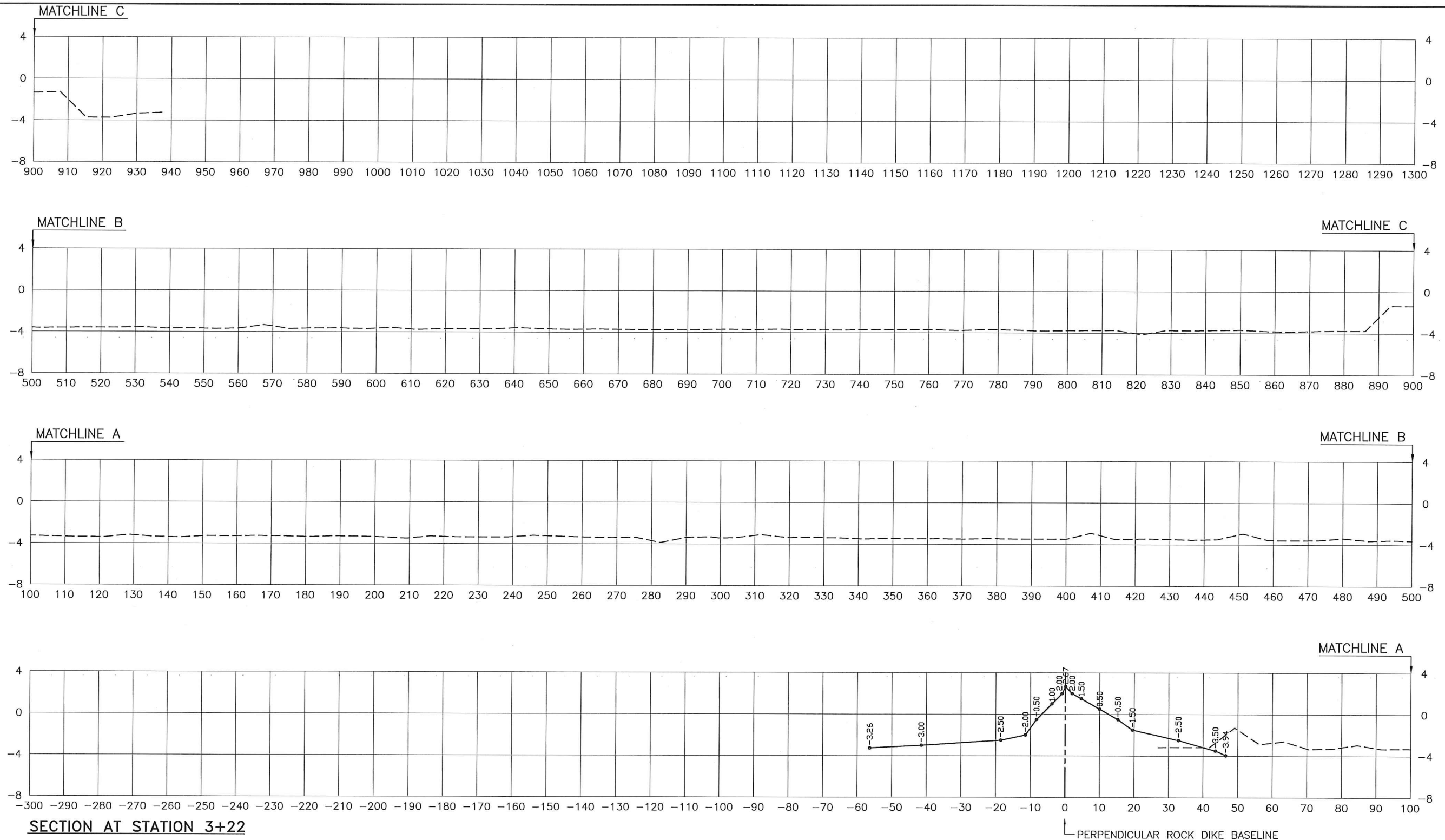
PERPENDICULAR ROCK DIKE BASELINE

**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**
PERPENDICULAR ROCK DIKE CROSS SECTIONS
STATION 0+59
SCALE: VERT 1"=10', HORIZ 1"=30'

LEGEND:	
	DENOTES POST-CONSTRUCTION SURVEY
	DENOTES PRE-CONSTRUCTION SURVEY



SURVEYED BY:
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**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**

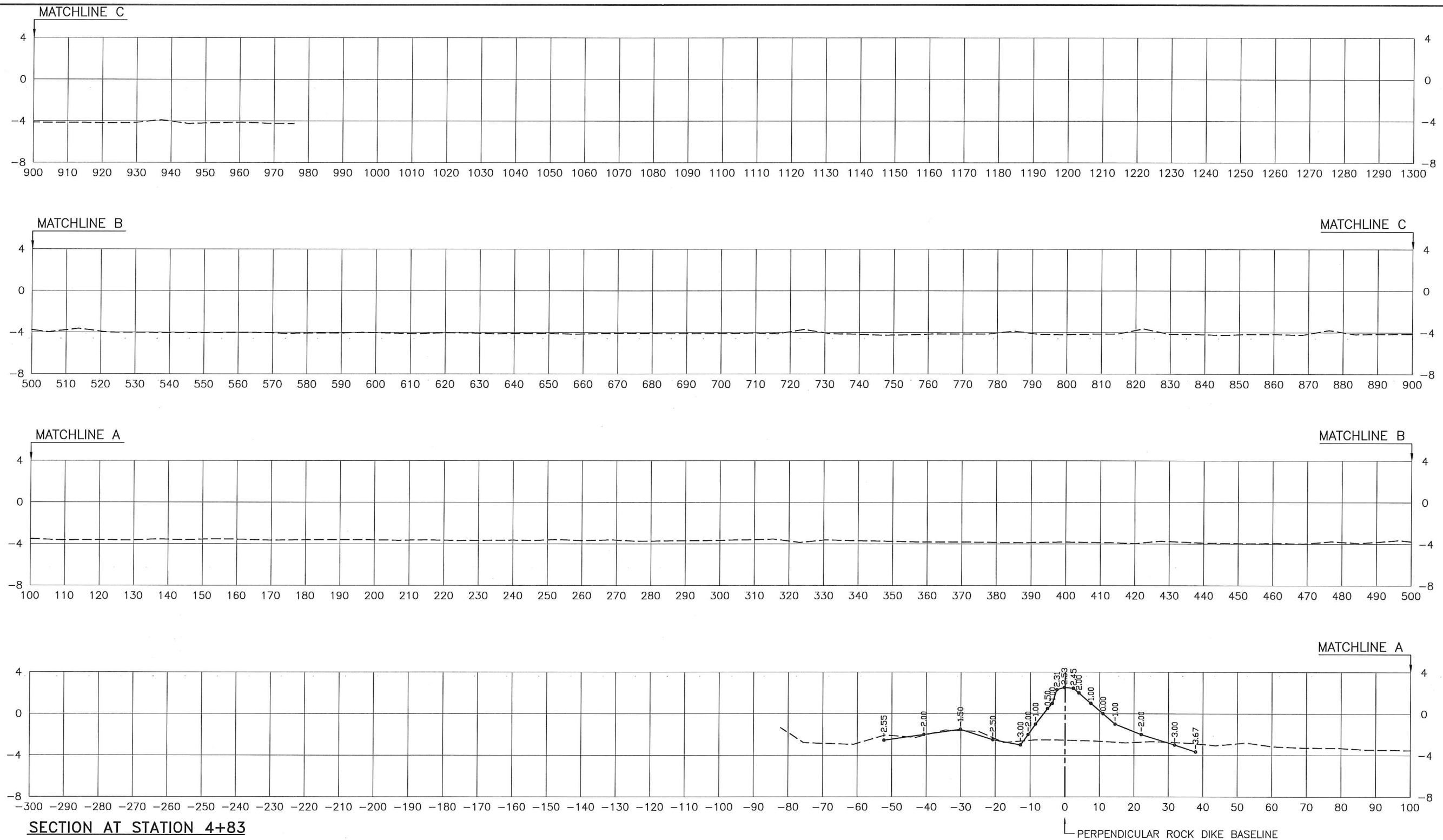
**PERPENDICULAR ROCK DIKE CROSS SECTIONS
STATION 3+22**

SCALE: VERT 1"=10', HORIZ 1"=30'

LEGEND:	
###	DENOTES POST-CONSTRUCTION SURVEY
---	DENOTES PRE-CONSTRUCTION SURVEY



SURVEYED BY:
FRANCIS FORTIER, P.L.S. 4768
3091 HIGHWAY 104
OPELOUSAS, LOUISIANA 70570
PHONE: (337) 278-7204

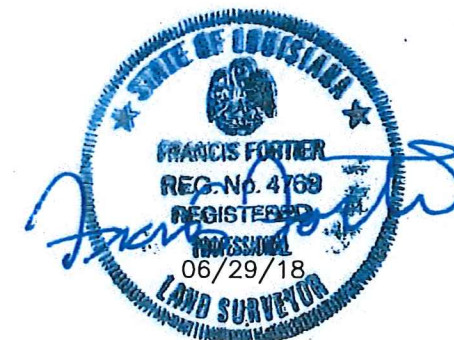


**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**

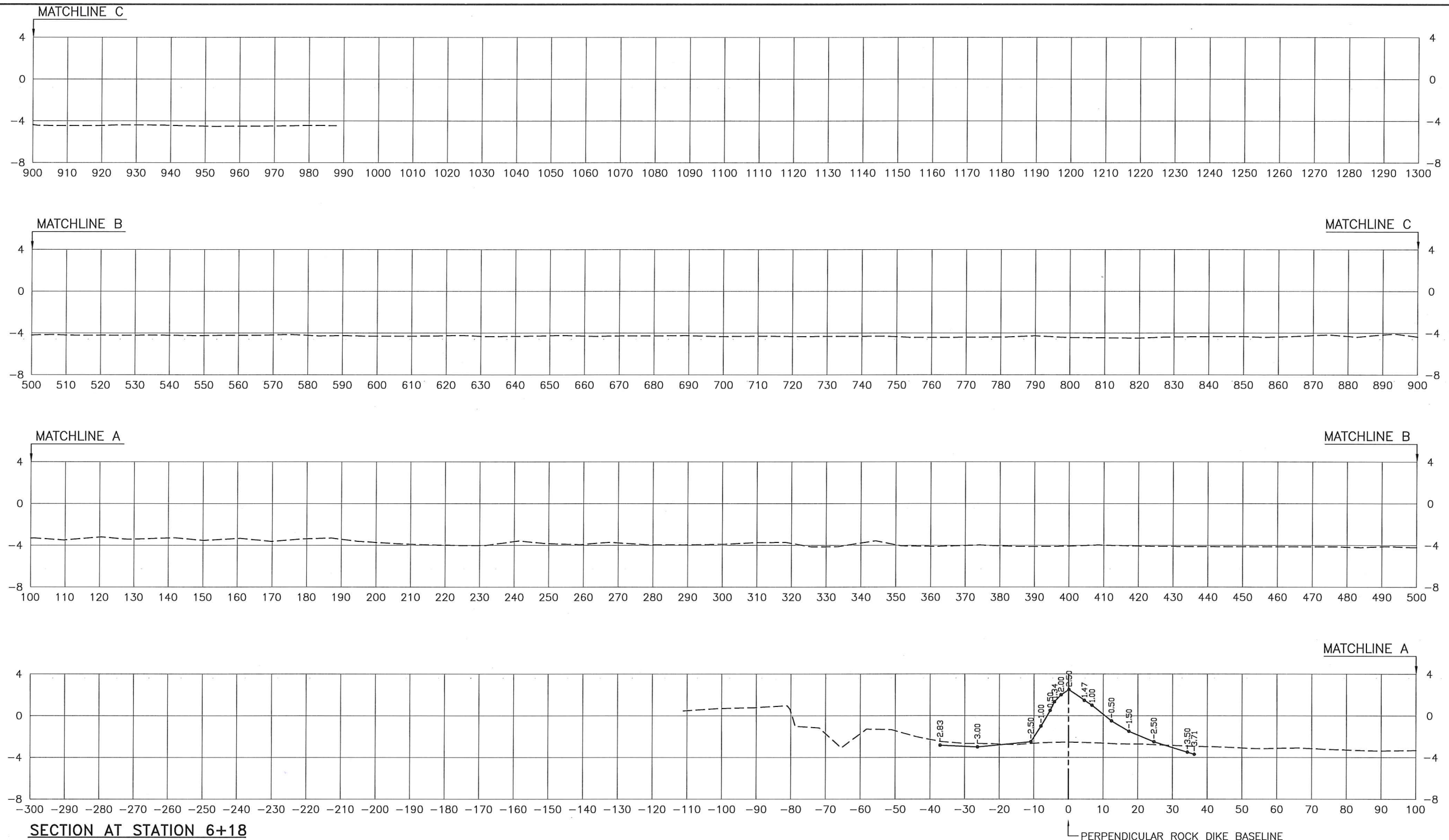
PERPENDICULAR ROCK DIKE CROSS SECTIONS
STATION 4+83

SCALE: VERT 1"=10', HORIZ 1"=30'

LEGEND:	
	DENOTES POST-CONSTRUCTION SURVEY
	DENOTES PRE-CONSTRUCTION SURVEY



SURVEYED BY:
FRANCIS FORTIER, P.L.S. 4769
3091 HIGHWAY 104
OPELOUSAS, LOUISIANA 70570
PHONE: (337) 278-7204



**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**

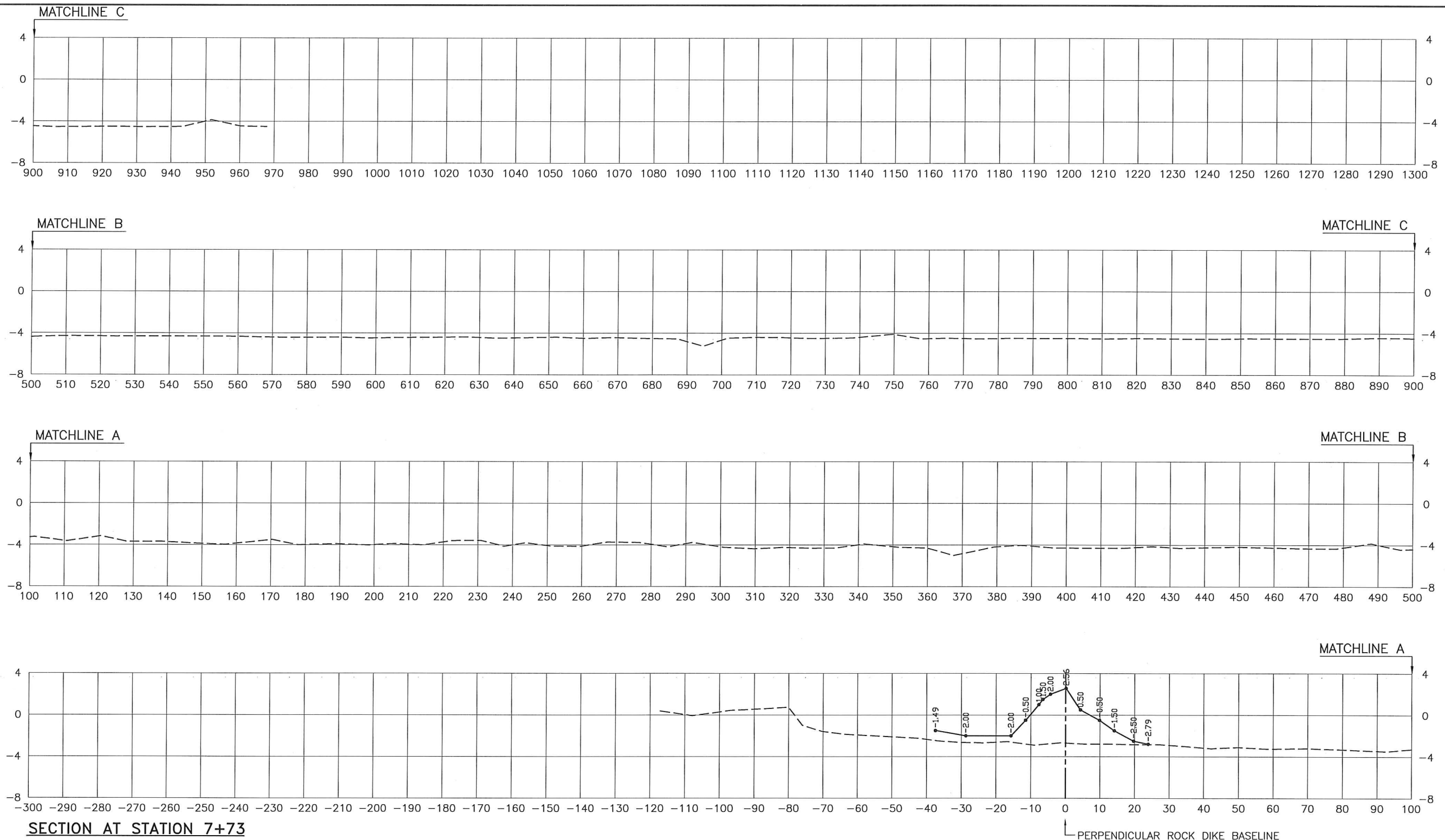
PERPENDICULAR ROCK DIKE CROSS SECTIONS
STATION 6+18

SCALE: VERT 1"=10', HORIZ 1"=30'

LEGEND:	
	DENOTES POST-CONSTRUCTION SURVEY
	DENOTES PRE-CONSTRUCTION SURVEY



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SECTION AT STATION 7+73

**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**

PERPENDICULAR ROCK DIKE CROSS SECTIONS

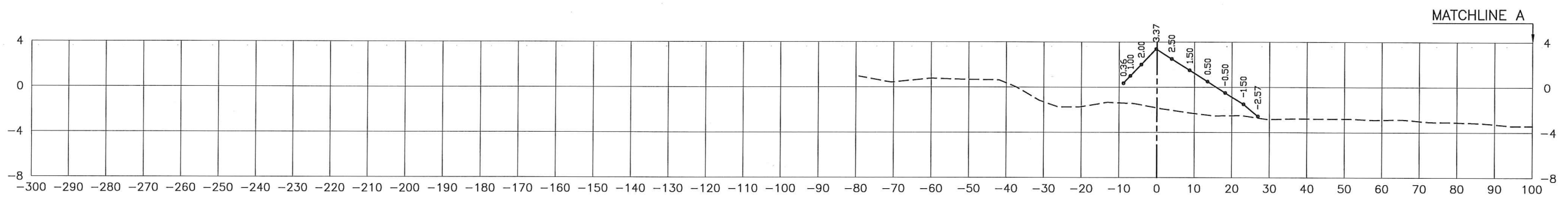
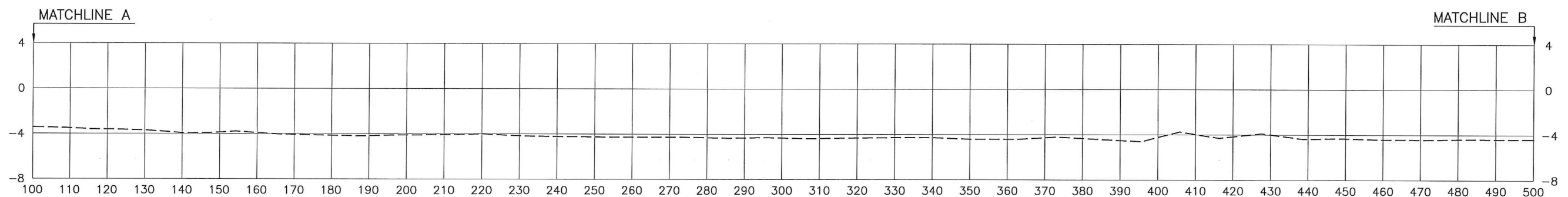
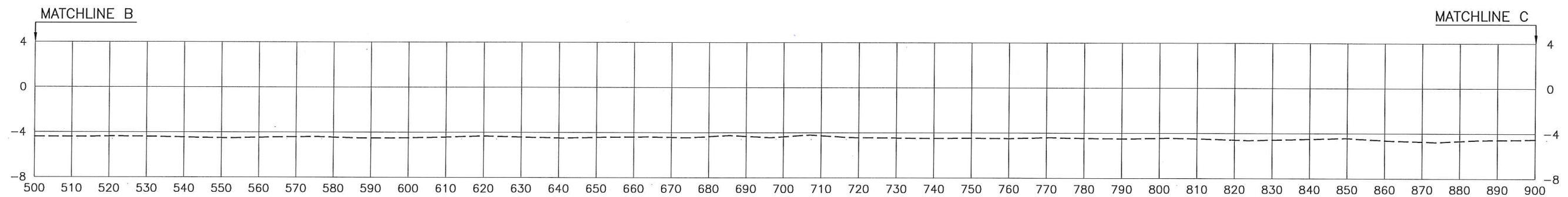
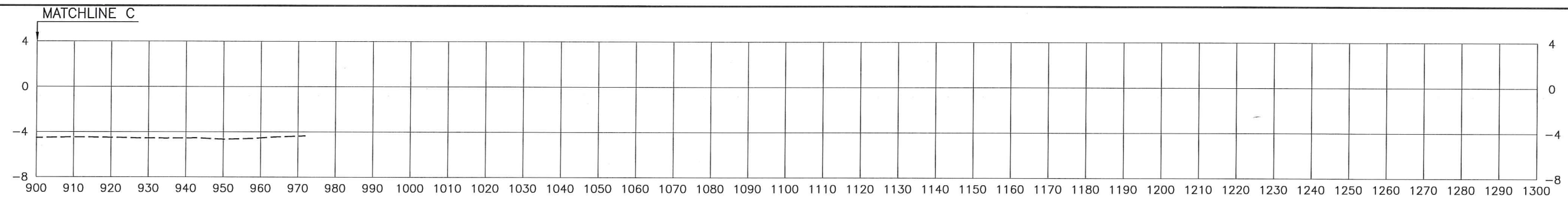
STATION 7+73

SCALE: VERT 1"=10', HORIZ 1"=30'

LEGEND:	
	DENOTES POST-CONSTRUCTION SURVEY
	DENOTES PRE-CONSTRUCTION SURVEY



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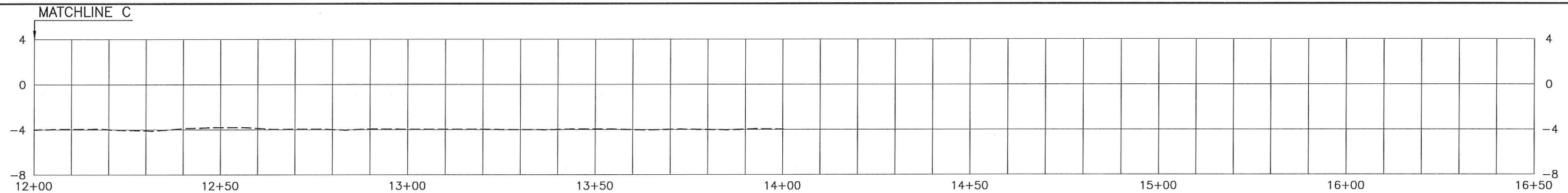
SECTION AT STATION 10+01

**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**
PERPENDICULAR ROCK DIKE CROSS SECTIONS
STATION 10+01
SCALE: VERT 1"=10', HORIZ 1"=30'

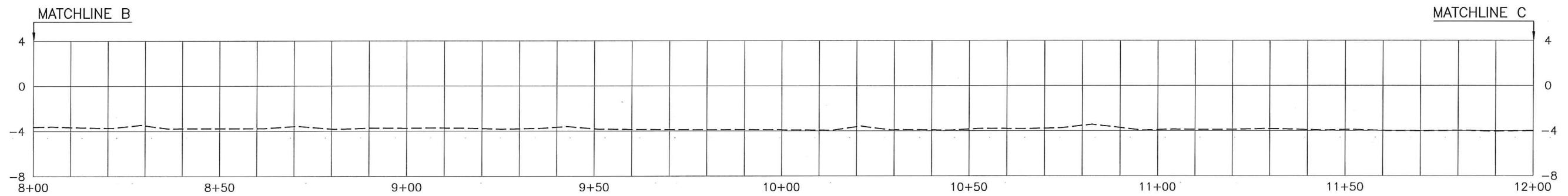
LEGEND:	
	DENOTES POST-CONSTRUCTION SURVEY
	DENOTES PRE-CONSTRUCTION SURVEY



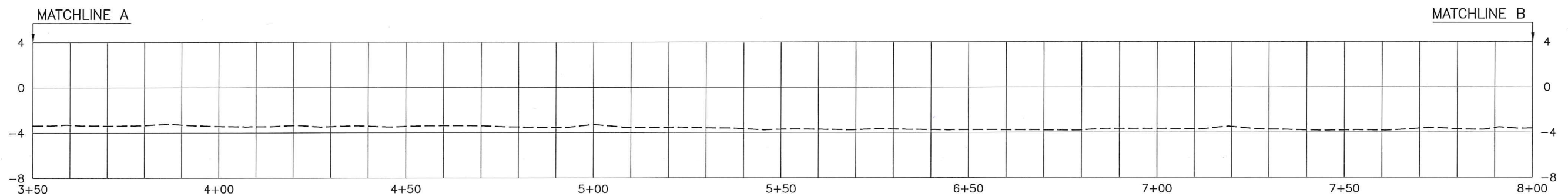
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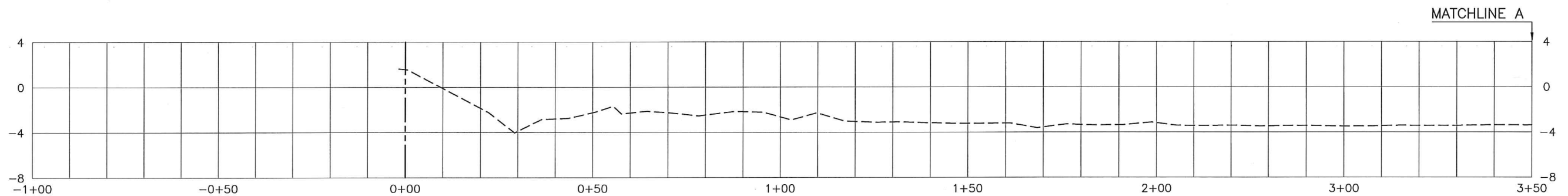
PROFILE STATION 12+00 THRU 14+00



PROFILE STATION 8+00 THRU 12+00



PROFILE STATION 3+50 THRU 8+00



PROFILE STATION -0+02 THRU 3+50

PERPENDICULAR ROCK DIKE,
PROPOSED ROCK DIKE CENTERLINE

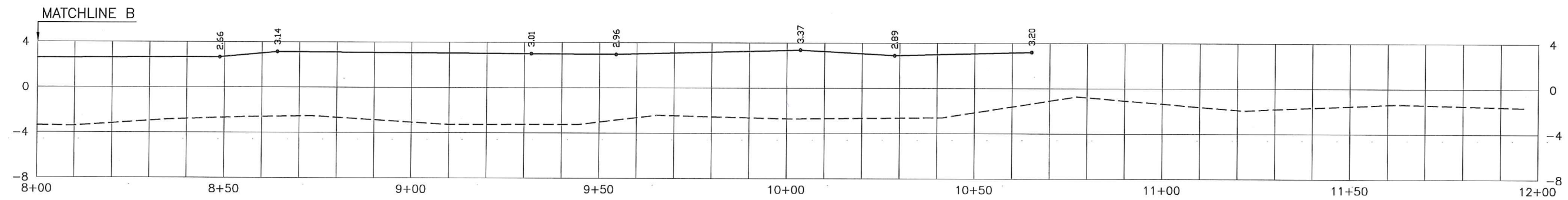
**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**
PERPENDICULAR ROCK DIKE
(ORIGINAL) ROCK DIKE CENTERLINE PROFILES
STATION -0+02 THRU 14+00

SCALE: VERT 1"=10', HORIZ 1"=30'

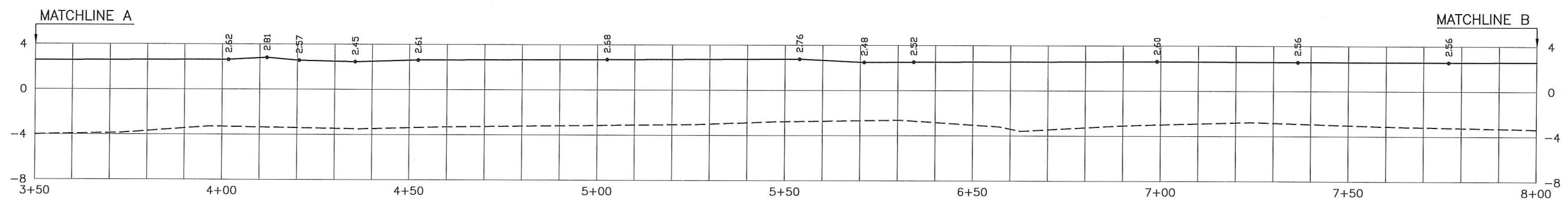
LEGEND:	
	DENOTES POST-CONSTRUCTION SURVEY
	DENOTES PRE-CONSTRUCTION SURVEY



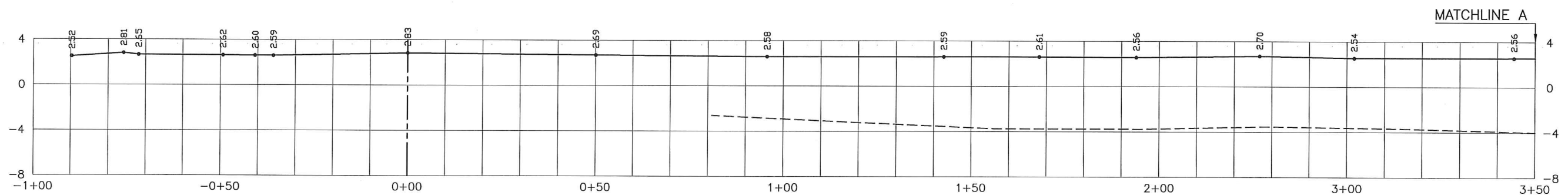
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PROFILE STATION 8+00 THRU 11+96



PROFILE STATION 3+50 THRU 8+00



PROFILE STATION -1+00 THRU 3+50

PERPENDICULAR ROCK DIKE,
PROPOSED ROCK DIKE CENTERLINE

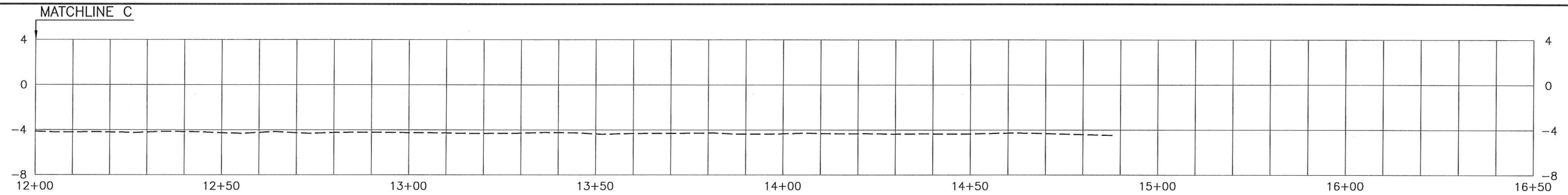
**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**
PERPENDICULAR ROCK DIKE
(REVISED) ROCK DIKE CENTERLINE PROFILE
STATION 0+81 THRU 11+96

SCALE: VERT 1"=10', HORIZ 1"=30'

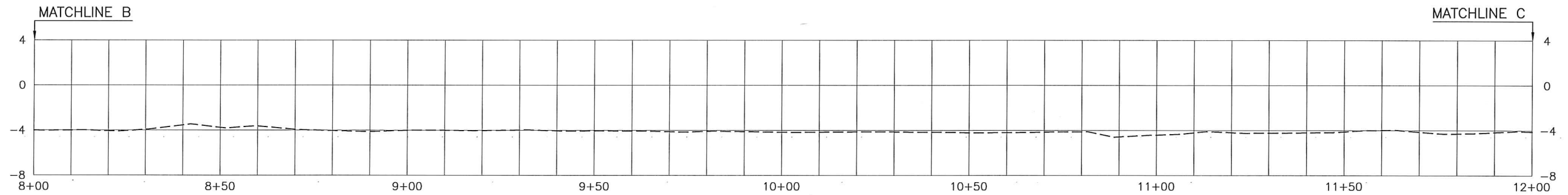
LEGEND:	
	DENOTES POST-CONSTRUCTION SURVEY
	DENOTES PRE-CONSTRUCTION SURVEY



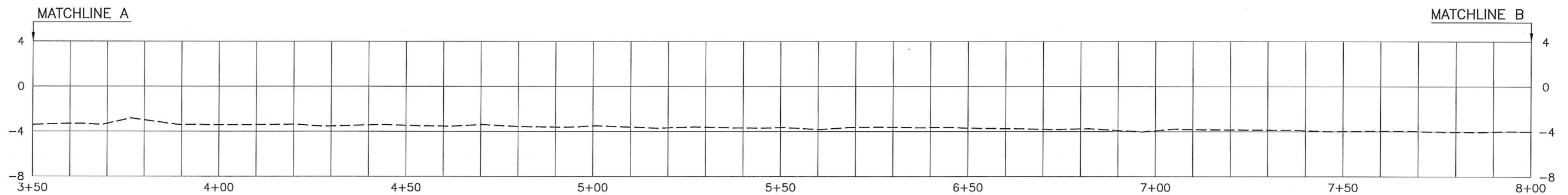
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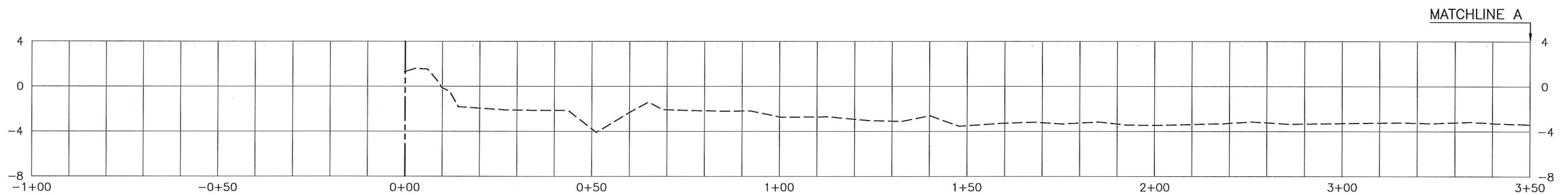
PROFILE STATION 12+00 THRU 14+88



PROFILE STATION 8+00 THRU 12+00



PROFILE STATION 3+50 THRU 8+00



PROFILE STATION 0+00 THRU 3+50

PERPENDICULAR ROCK DIKE,
PROPOSED ROCK DIKE CENTERLINE

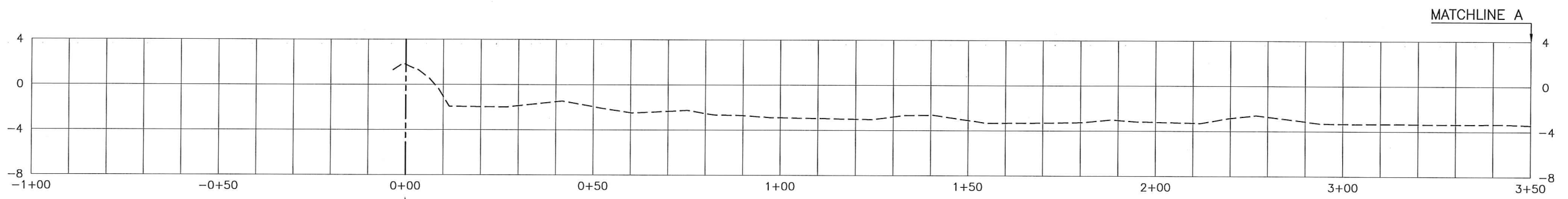
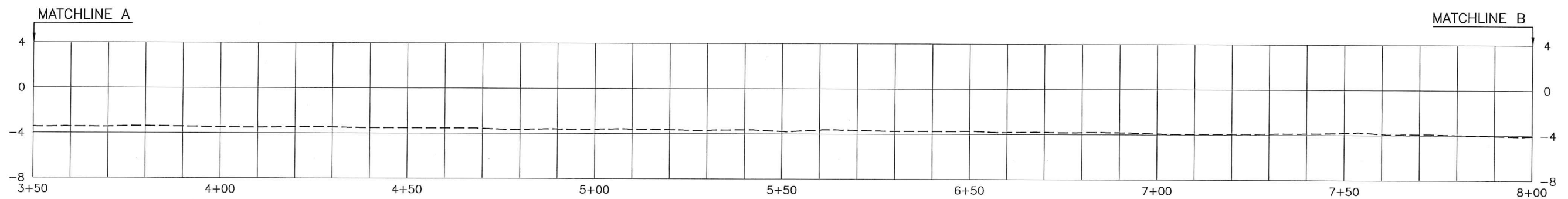
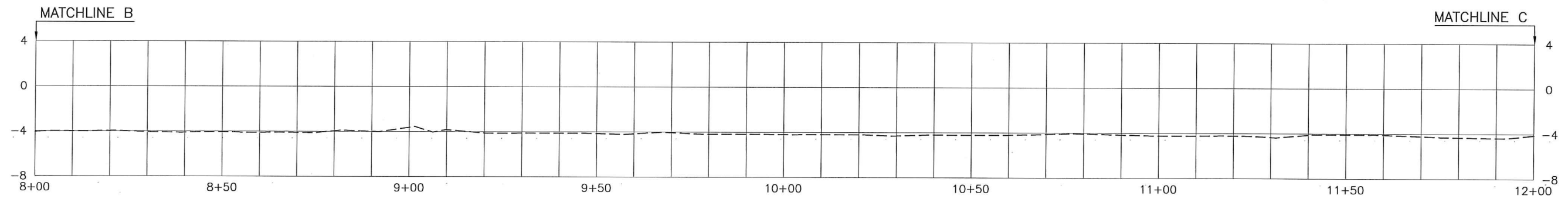
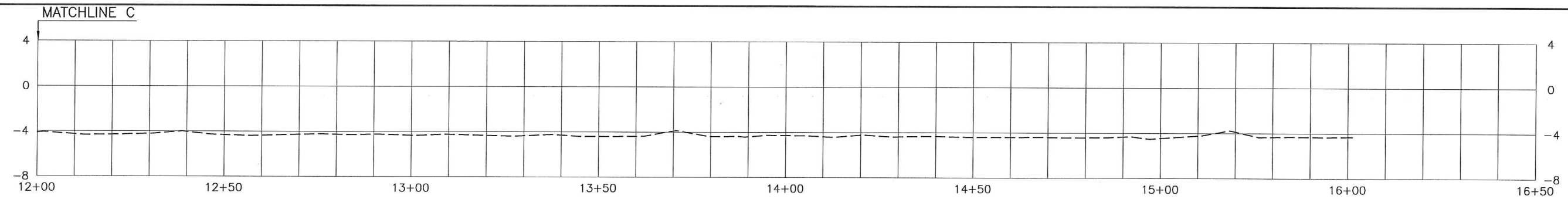
**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**
PERPENDICULAR ROCK DIKE
(ORIGINAL) TEMPORARY ACCESS/FLOTATION CHANNEL
CENTERLINE PROFILES
STATION 0+00 THRU 14+88

SCALE: VERT 1"=10', HORIZ 1"=30'

LEGEND:	
	DENOTES POST-CONSTRUCTION SURVEY
	DENOTES PRE-CONSTRUCTION SURVEY



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**LITTLE LAKE SHORELINE PROTECTION
AND MARSH CREATION PROJECT
LAFOURCHE PARISH, LOUISIANA**
PERPENDICULAR ROCK DIKE
(ORIGINAL) TEMPORARY STOCKPILE CENTERLINE
PROFILES
STATION -0+03 THRU 15+51
SCALE: VERT 1"=10', HORIZ 1"=30'

LEGEND:	
	DENOTES POST-CONSTRUCTION SURVEY
	DENOTES PRE-CONSTRUCTION SURVEY



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