APPENDIX 7

Original 30% Design Level Survey Drawings

M.P.H. JOB NO.	DATE	SHEET NO.
13002-00	OCT. 12, 2018	1

Office of Coastal Protection and Restoration Authority of Louisiana

DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT - SPANISH PASS INCREMENT
PROJECT BA-203
PLAQUEMINES PARISH, LOUISIANA

MARSH CREATION FILL AREA SURVEY

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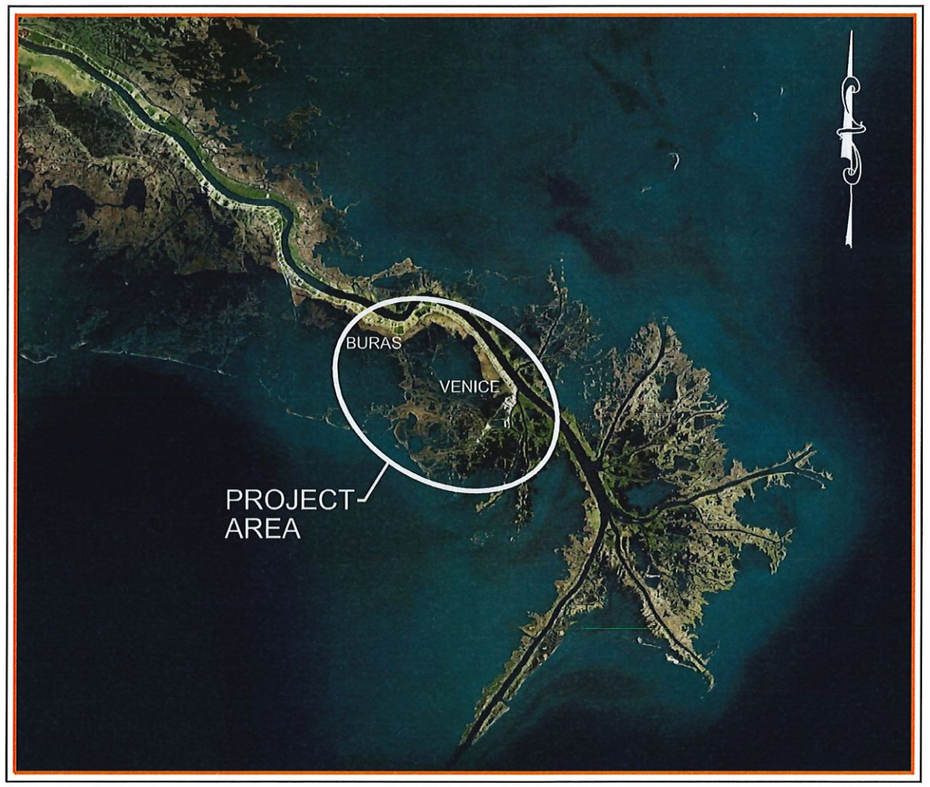
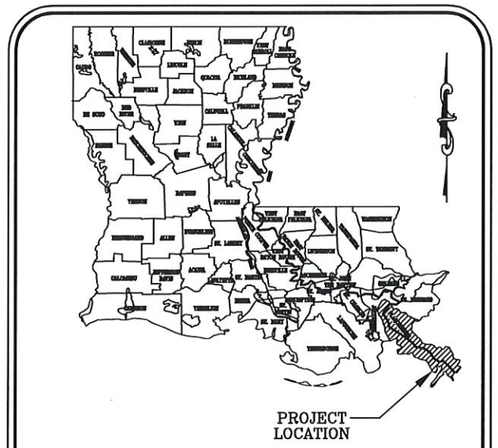
13 - 35	FILL AREA - MARSH TRANSECTS CROSS SECTIONS
36 - 47	SITES "A" THRU "E" - PLAN OVERVIEW & CROSS SECTIONS
48	PROPOSED DISCHARGE PIPE - PLAN OVERVIEW & C/L PROFILE
49 - 54	TIDE WATER ROAD - PLAN OVERVIEW & CROSS SECTIONS
55 - 60	DDDD - PLAN OVERVIEW & CROSS SECTIONS
61 - 73	MAGNETOMETER SURVEY
74 - 86	MAGNETOMETER INVESTIGATION AREAS



PROJECT LOCATION MAP



STATE OF LOUISIANA
INSET MAP
NOT TO SCALE

STATE OF LOUISIANA
JOHN C. MATTINGLY
REG. No. 4710
REGISTERED PROFESSIONAL
LAND SURVEYOR

APPROVED: _____
JOHN C. MATTINGLY, P.L.S., LA. LICENSE NO. 4710

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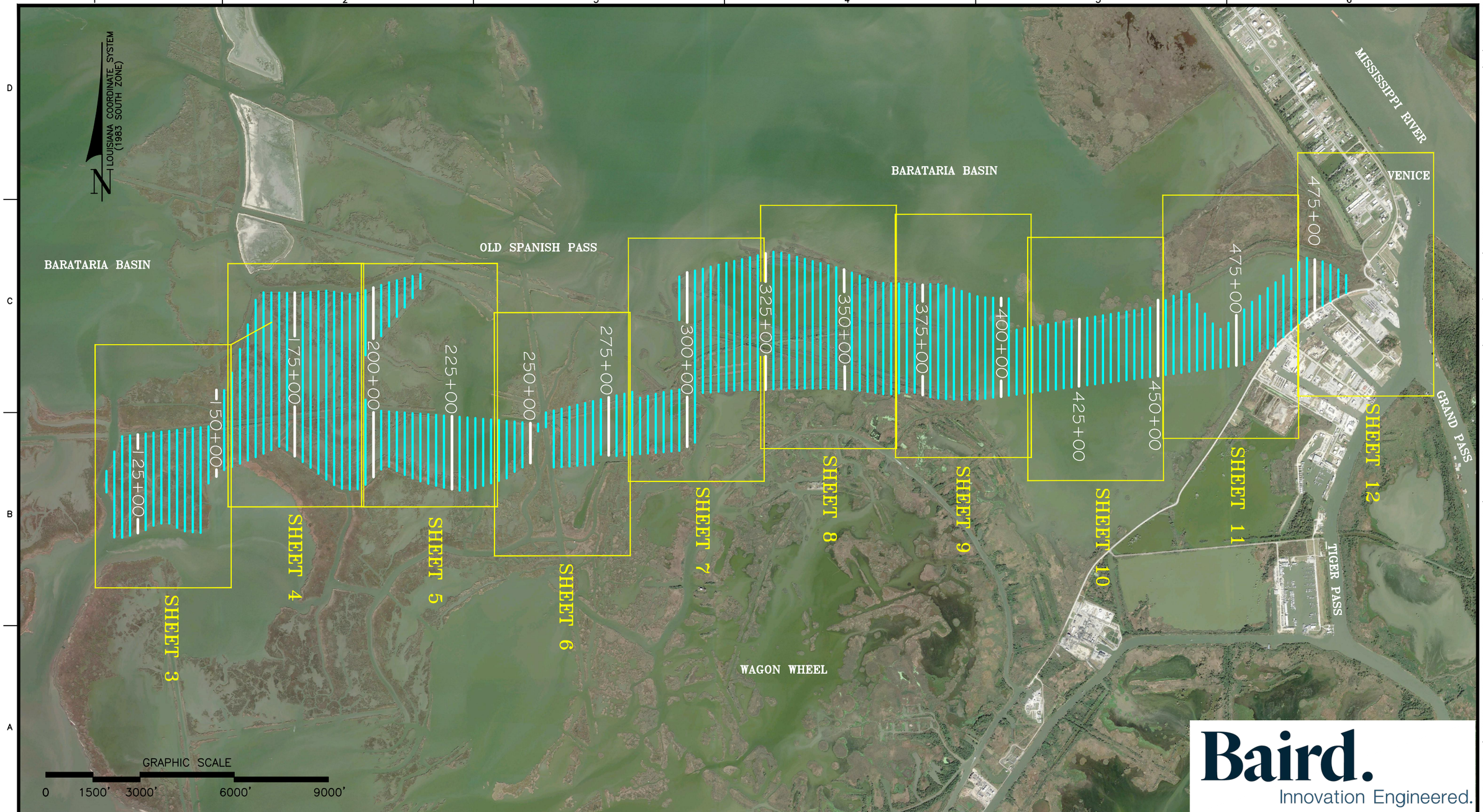

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TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH TRANSECTS – PLAN OVERVIEW (SHEETS 3 THRU 12)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	2 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

P:\01-Survey_Projects\State of Louisiana\13002 - W.F. Baird - Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 02-12a0.dwg PLOT DATE: 1/18/19 3:09:00pm

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MARSH TRANSECTS PLAN VIEW (STA. 115+00 TO 152+50)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	3 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

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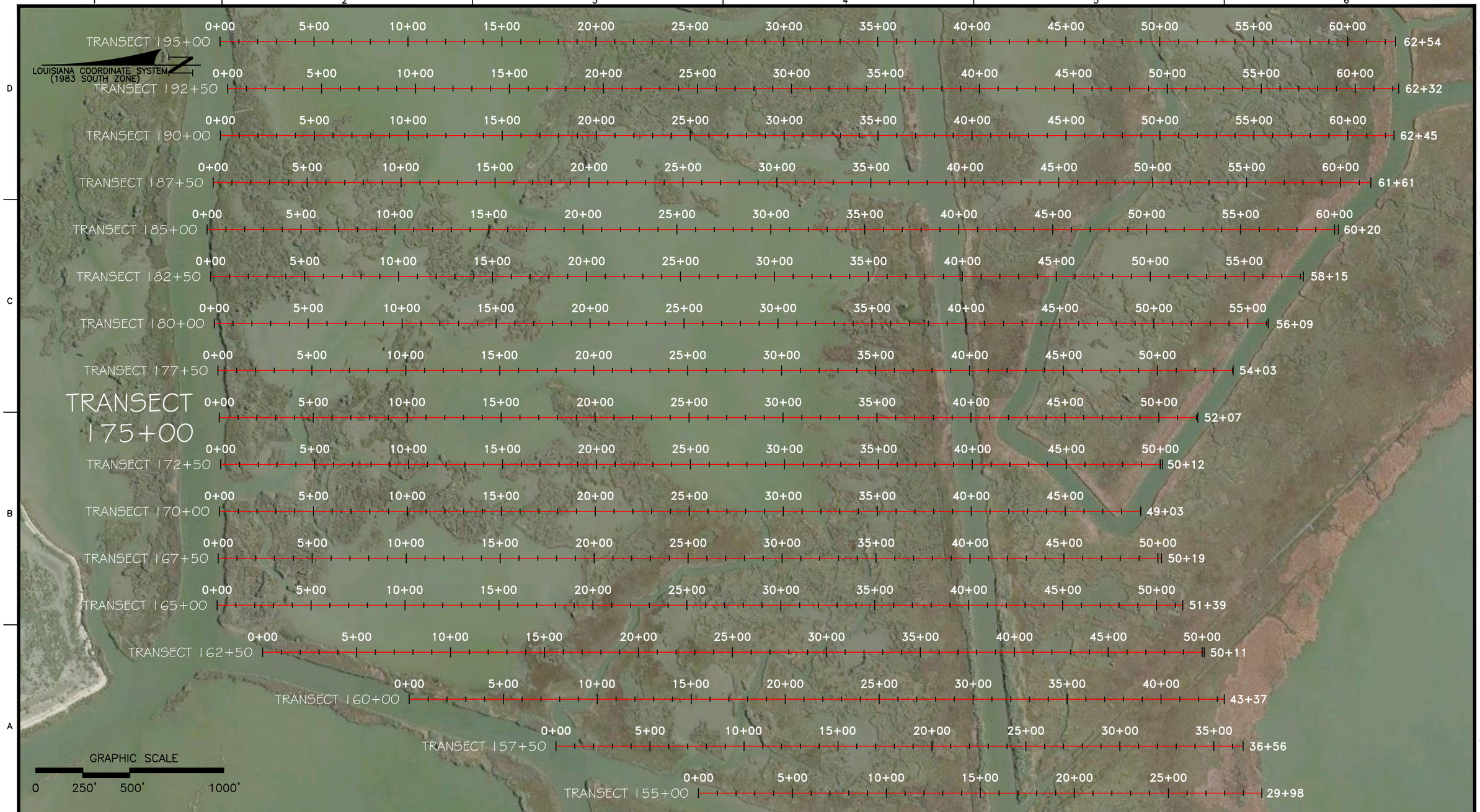

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MARSH TRANSECTS PLAN VIEW (STA. 155+00 TO 195+00)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

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CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
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DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

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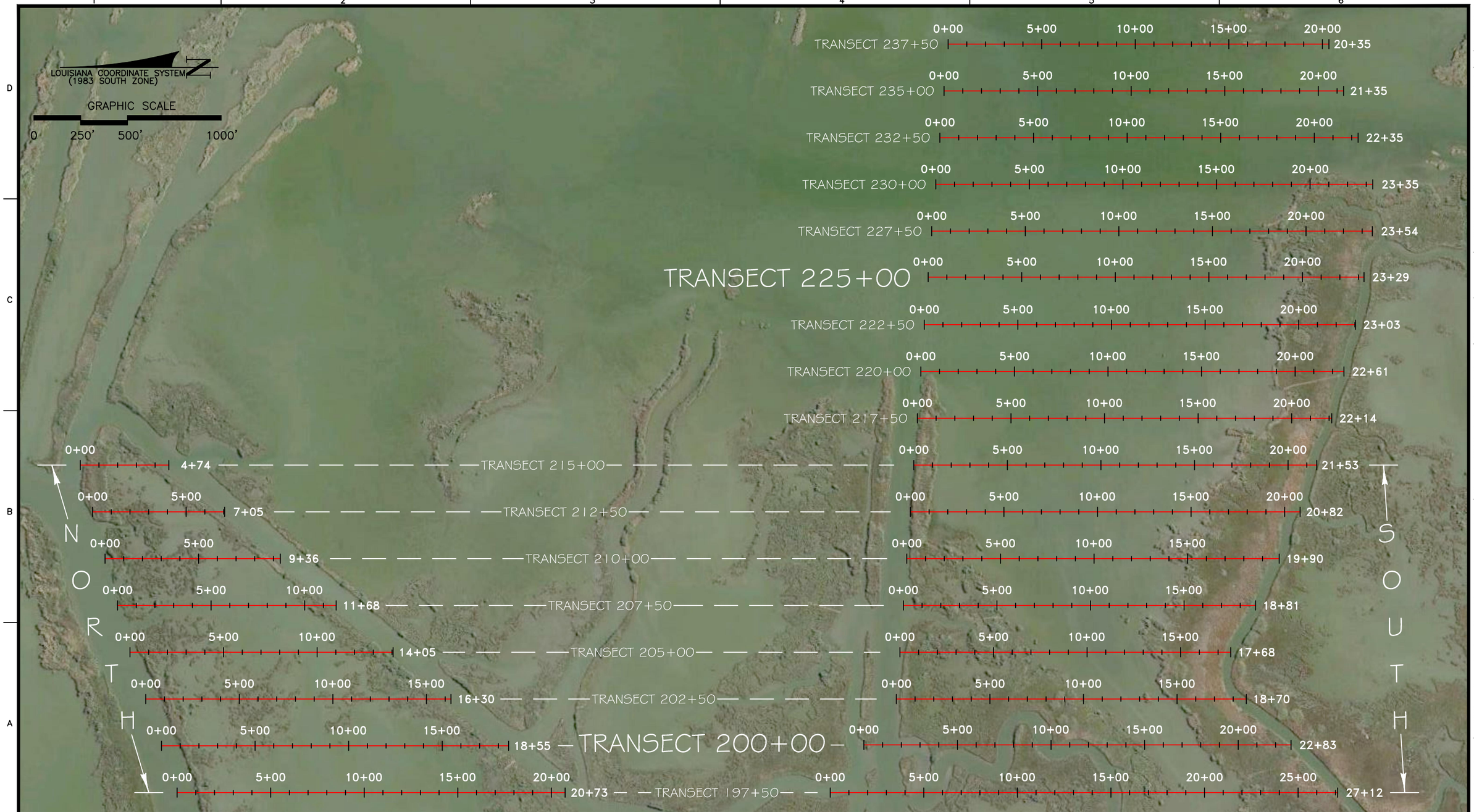

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MARSH TRANSECTS PLAN VIEW (STA. 197+50 TO 237+50)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

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CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
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DATA BASE:		JOB NO.	13002-00
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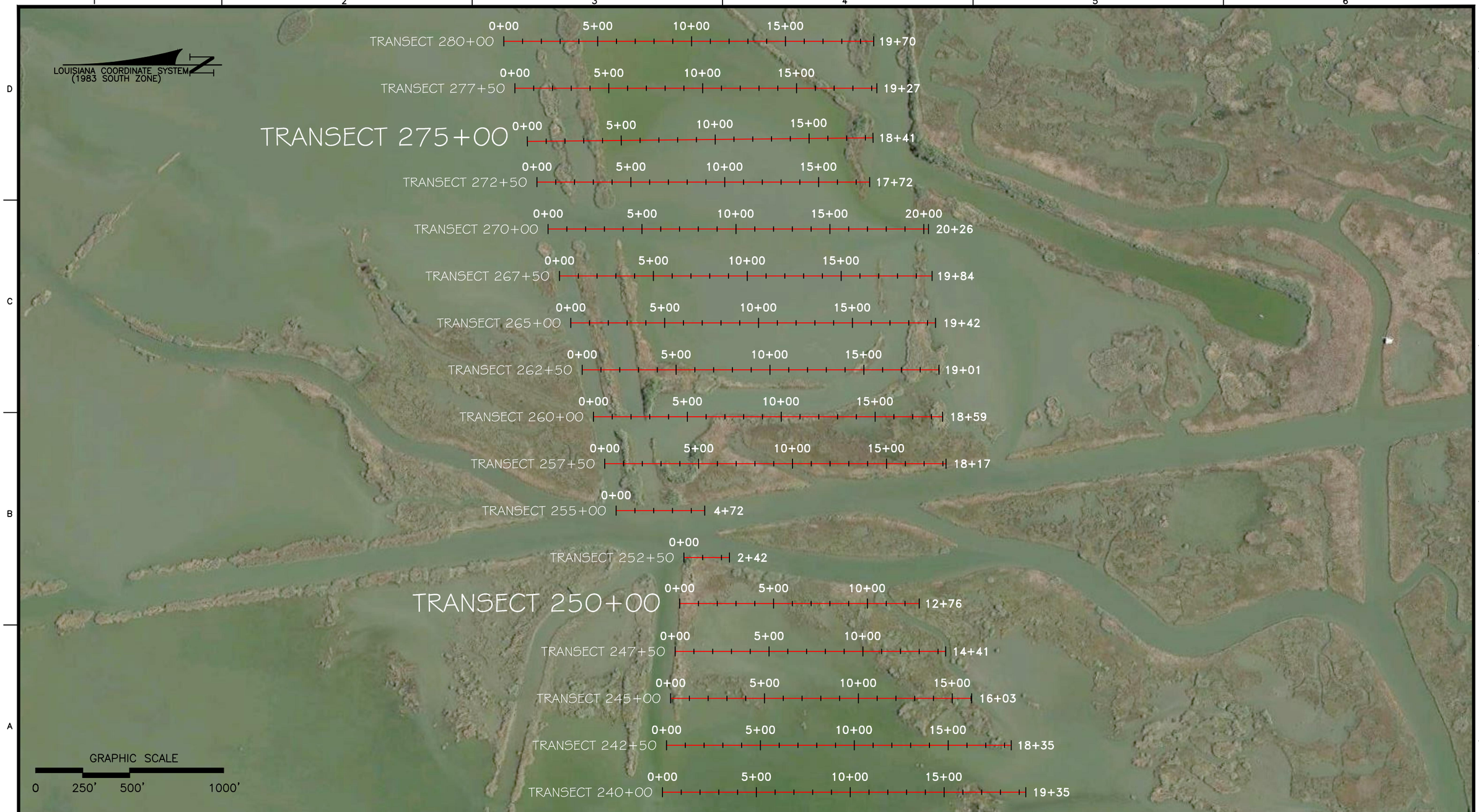

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MARSH TRANSECTS PLAN VIEW (STA. 240+00 TO 280+00)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	6 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

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MARSH TRANSECTS PLAN VIEW (STA. 282+50 TO 322+50)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	7 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
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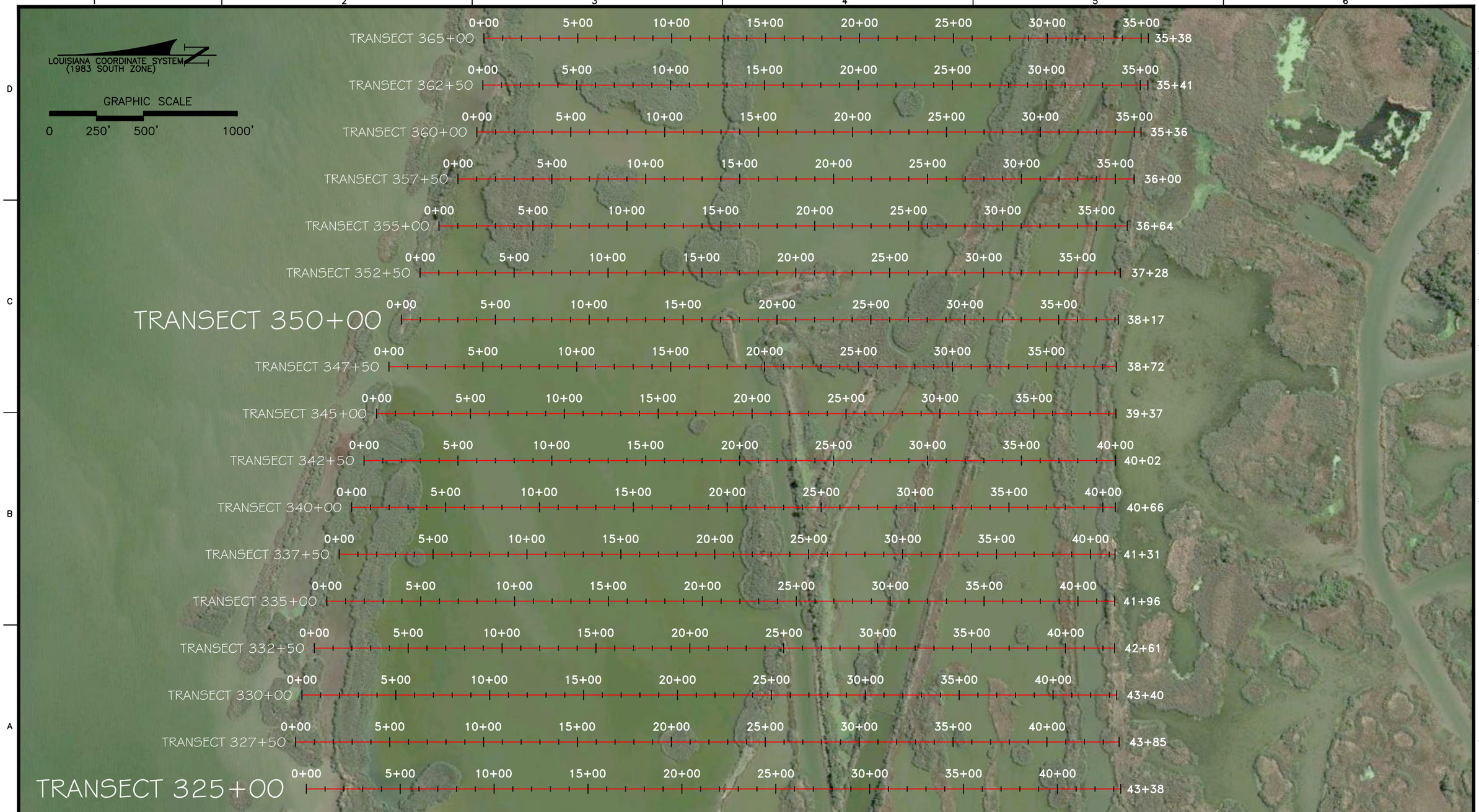

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MARSH TRANSECTS PLAN VIEW (STA. 325+00 TO 365+00)
MARSH CREATION FILL AREA SURVEY
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LOCATED IN PLAQUEMINES PARISH, LOUISIANA

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CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
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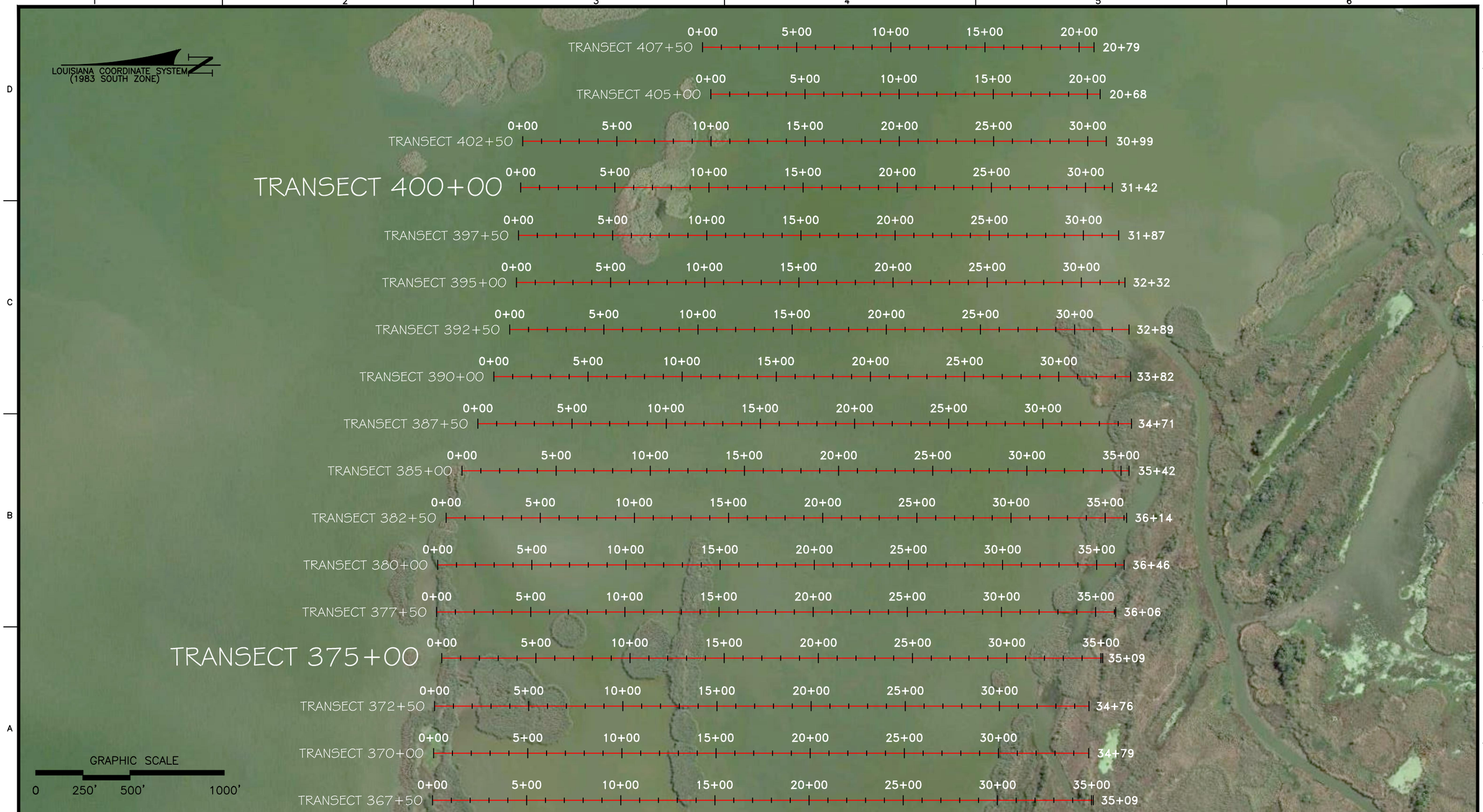

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MARSH TRANSECTS PLAN VIEW (STA. 367+50 TO 407+50)
MARSH CREATION FILL AREA SURVEY
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LOCATED IN PLAQUEMINES PARISH, LOUISIANA

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CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
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MARSH TRANSECTS PLAN VIEW (STA. 410+00 TO 450+00)
MARSH CREATION FILL AREA SURVEY
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LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	10 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

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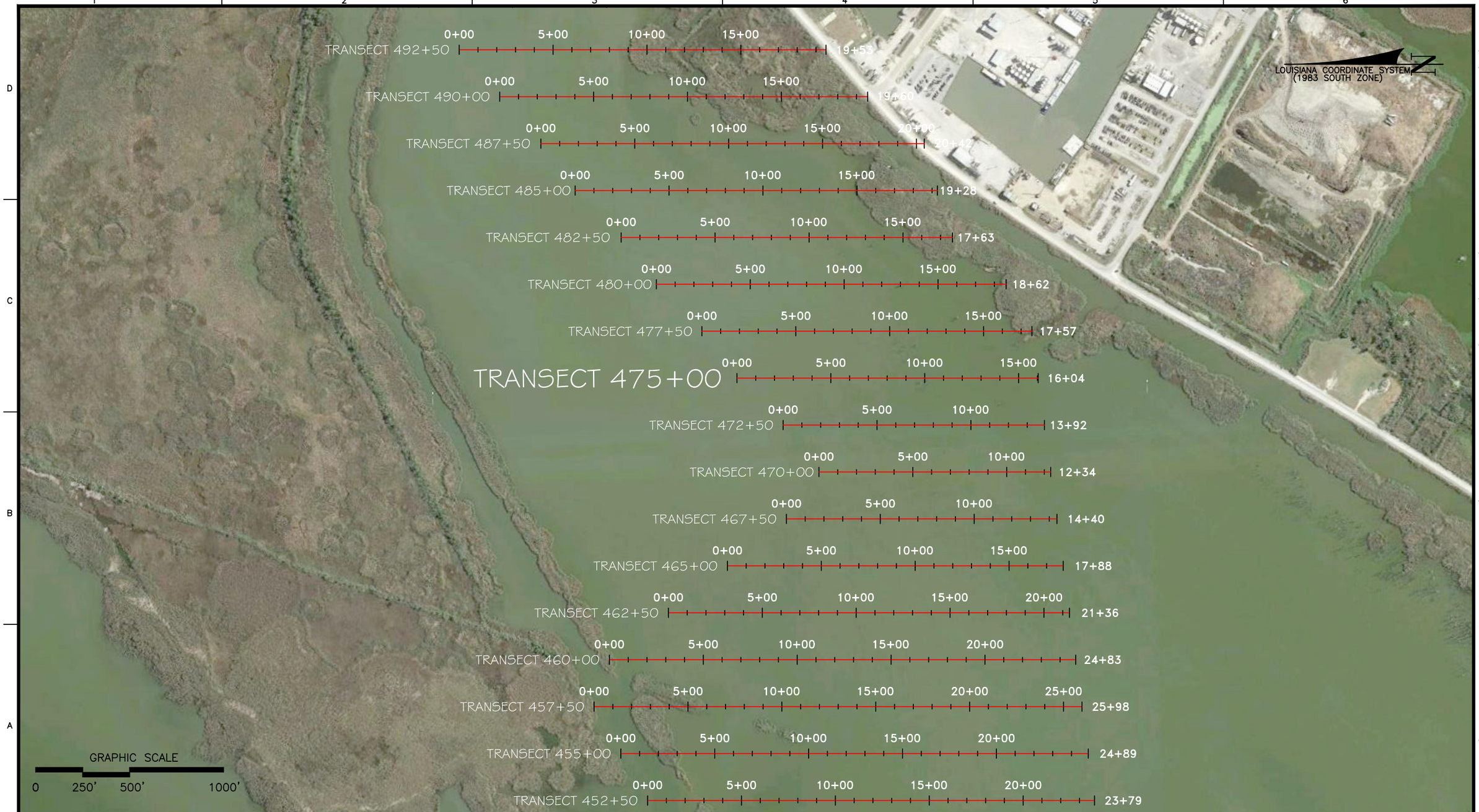

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MARSH TRANSECTS PLAN VIEW (STA. 452+50 TO 492+50)
MARSH CREATION FILL AREA SURVEY
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LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	11 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
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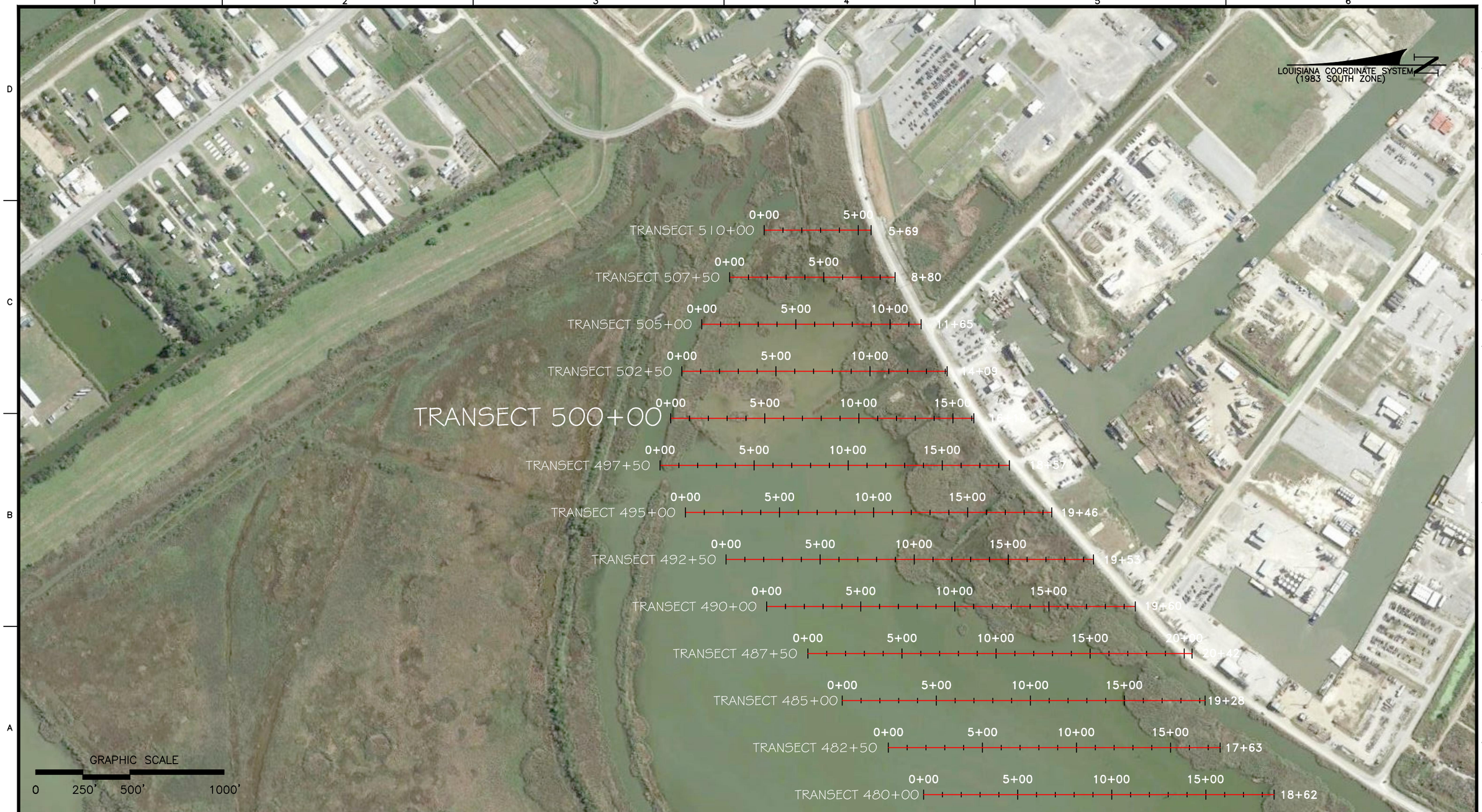

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MARSH TRANSECTS PLAN VIEW (STA. 480+00 TO 510+00)
MARSH CREATION FILL AREA SURVEY
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LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	12 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

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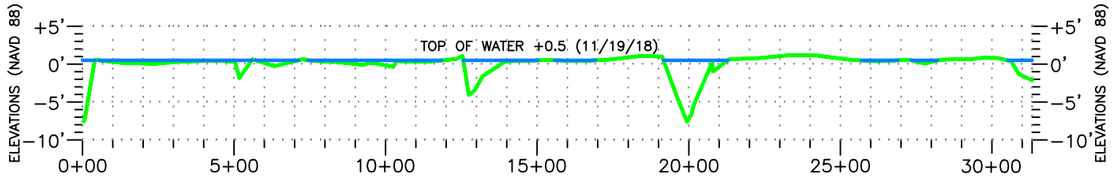
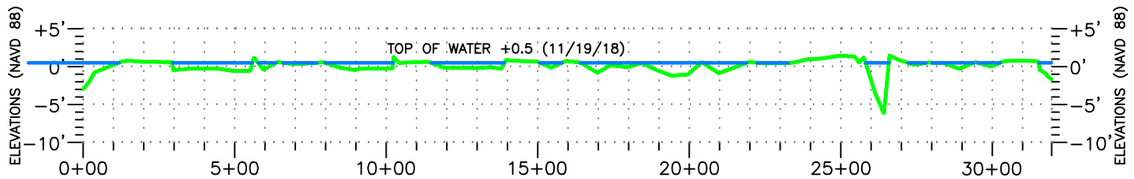


TRANSECT STA. 125+00

(STA. 0+00 – TO STA. 31+33)



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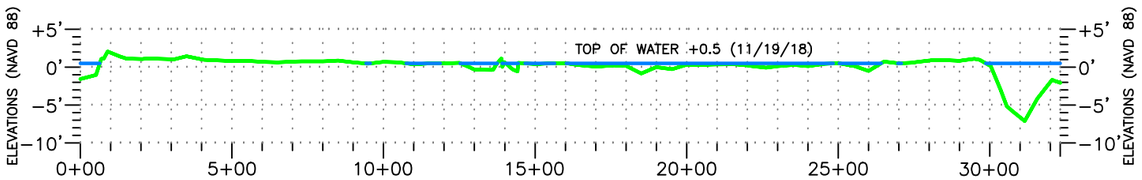

TRANSECT 120+00

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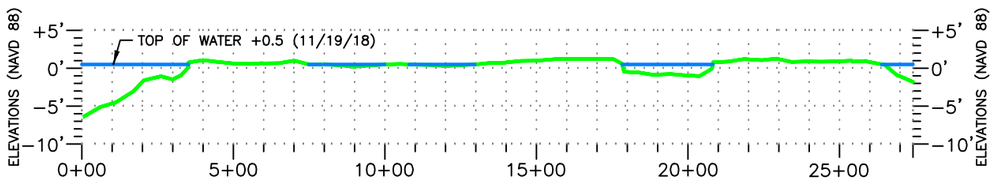

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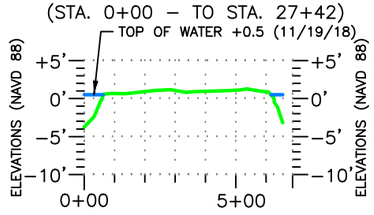

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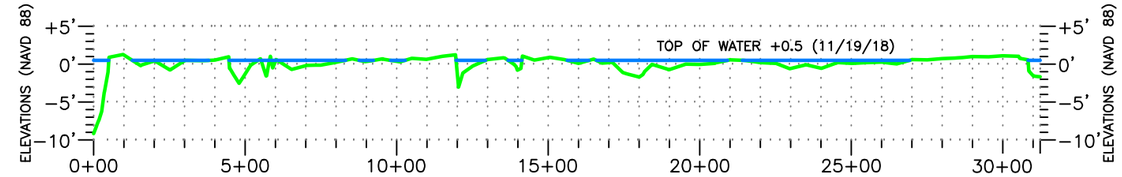
(STA. 0+00 – TO STA. 6+88)



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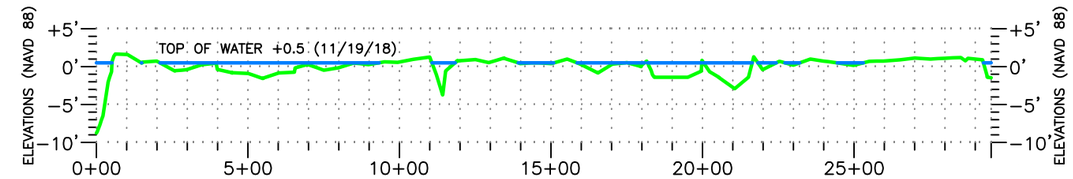
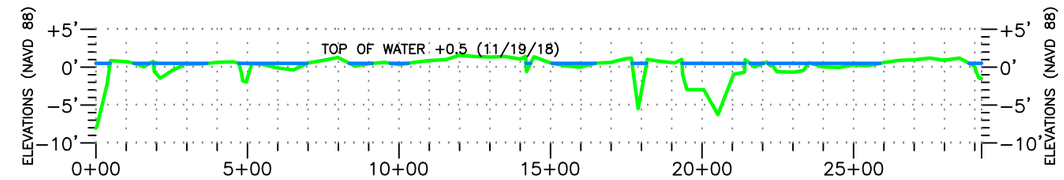


TRANSECT 135+00

(STA. 0+00 – TO STA. 29+52)



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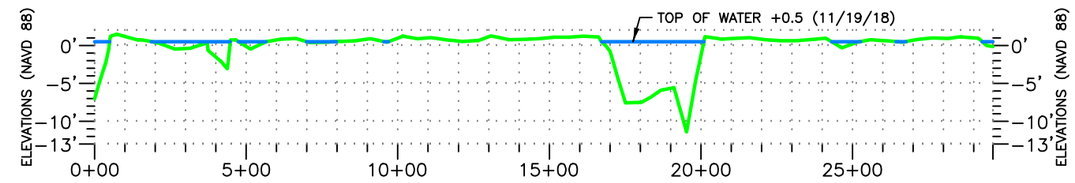
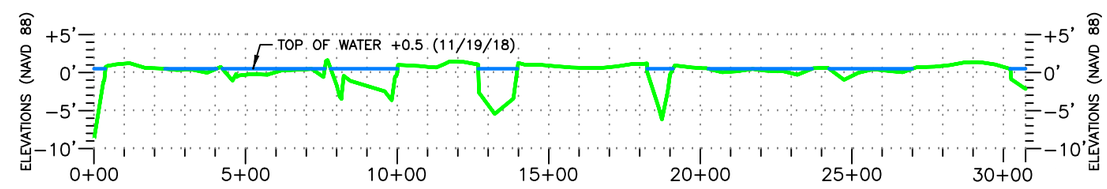
(STA. 0+00 – TO STA. 29+23)



TRANSECT 130+00

(STA. 0+00 – TO STA. 29+64)



TRANSECT 127+50

(STA. 0+00 – TO STA. 30+73)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

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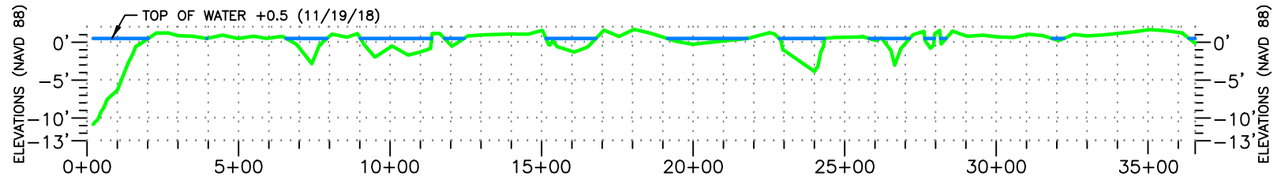
TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 115+00 TO STA. 137+50
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

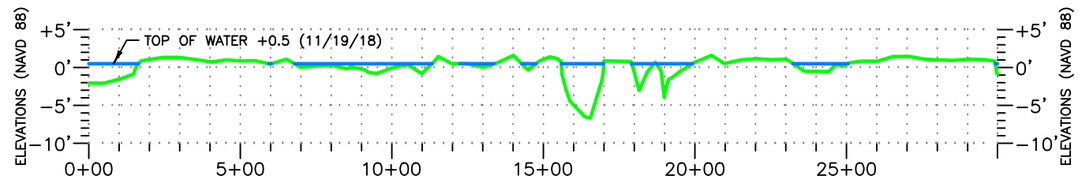
DRAWN BY:	TPC	SHEET:	13 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 13 – 00a0.dwg PLOT DATE: 1/18/19 3:00:16pr



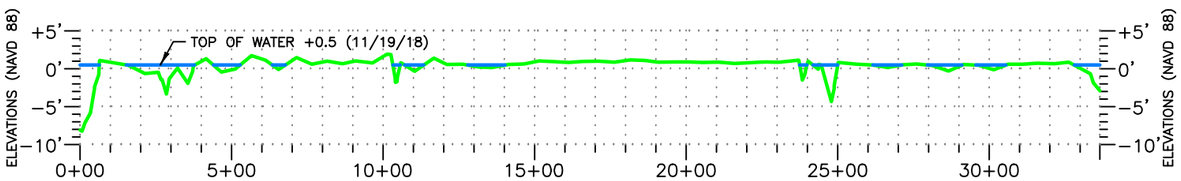
TRANSECT 157+50

(STA. 0+00 – TO STA. 36+56)



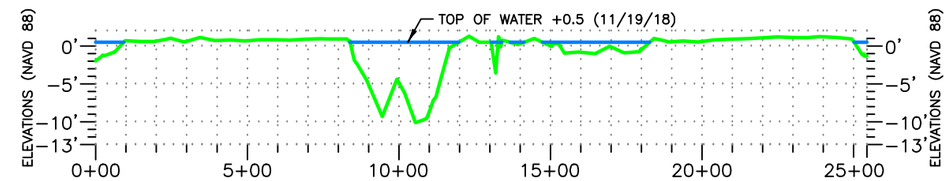
TRANSECT 155+00

(STA. 0+00 – TO STA. 29+98)



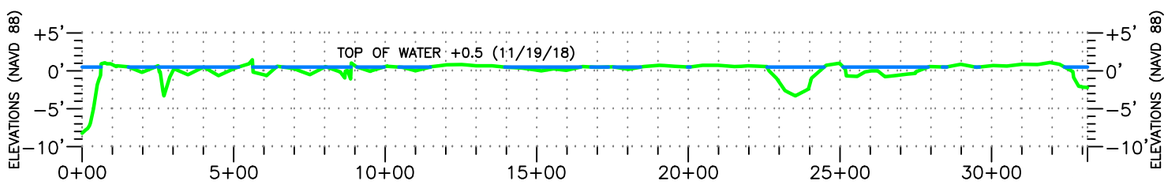
TRANSECT 145+00

(STA. 0+00 – TO STA. 33+65)



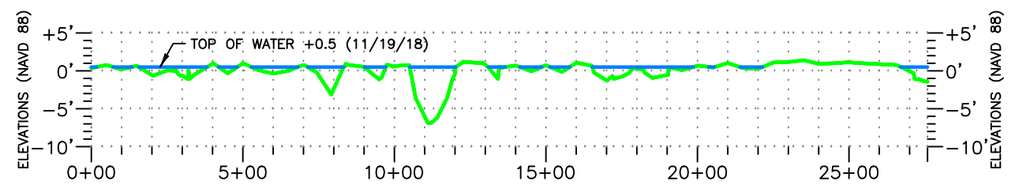
TRANSECT 152+50

(STA. 0+00 – TO STA. 25+44)



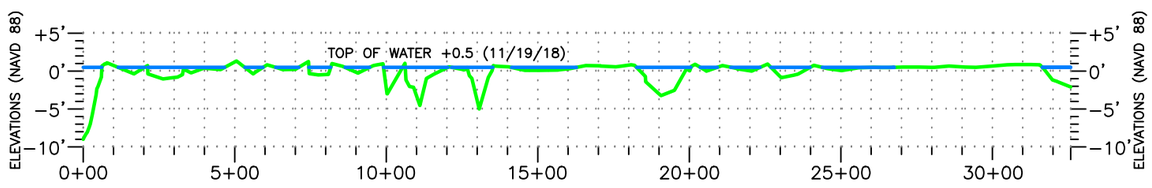
TRANSECT 142+50

(STA. 0+00 – TO STA. 33+17)



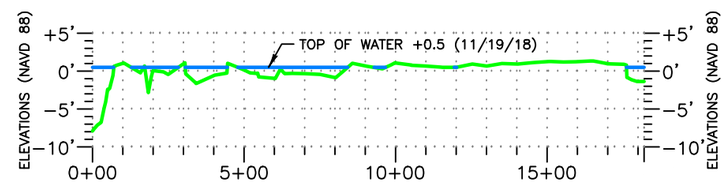
TRANSECT STA. 150+00

(STA. 0+00 – TO STA. 27+59)



TRANSECT 140+00

(STA. 0+00 – TO STA. 32+58)



TRANSECT 147+50

(STA. 0+00 – TO STA. 18+20)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

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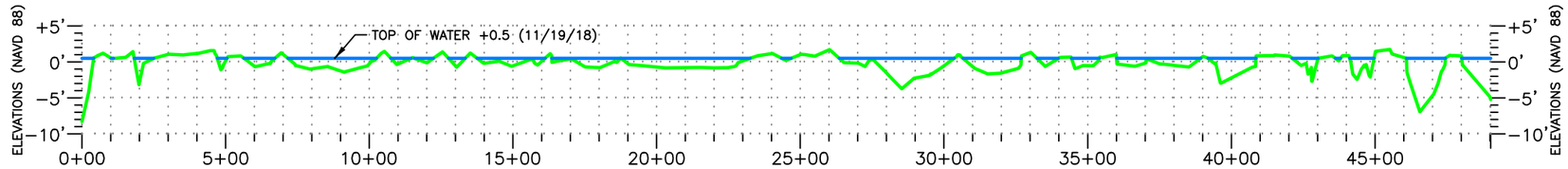
HOUMA, LA. * HOUSTON, TX. * SAN ANTONIO, TX. * MIDLAND, TX.
TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 140+00 TO STA. 157+50
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

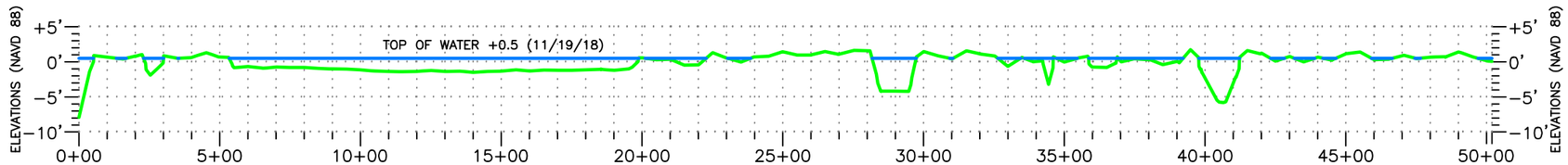
DRAWN BY:	TPC	SHEET:	14 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 13 – 00a0.dwg PLOT DATE: 1/18/19 3:02:04pr



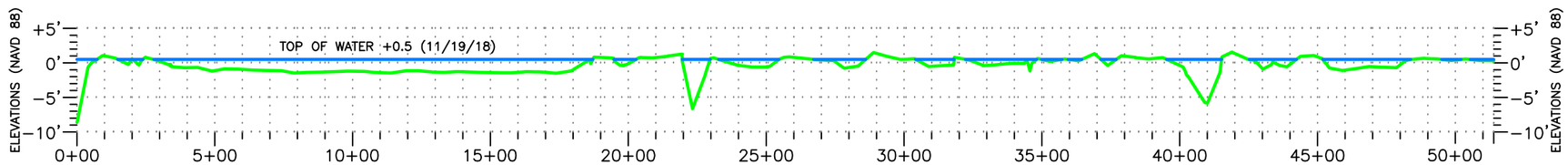
TRANSECT 170+00

(STA. 0+00 – TO STA. 49+03)



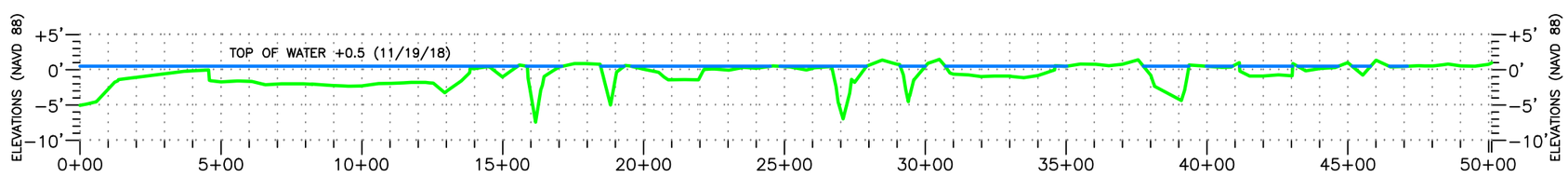
TRANSECT 167+50

(STA. 0+00 – TO STA. 50+19)



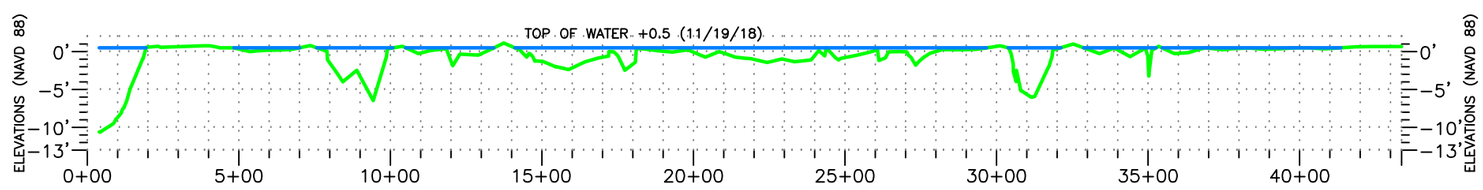
TRANSECT 165+00

(STA. 0+00 – TO STA. 51+39)



TRANSECT 162+50

(STA. 0+00 – TO STA. 50+11)



TRANSECT 160+00

(STA. 0+00 – TO STA. 43+37)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

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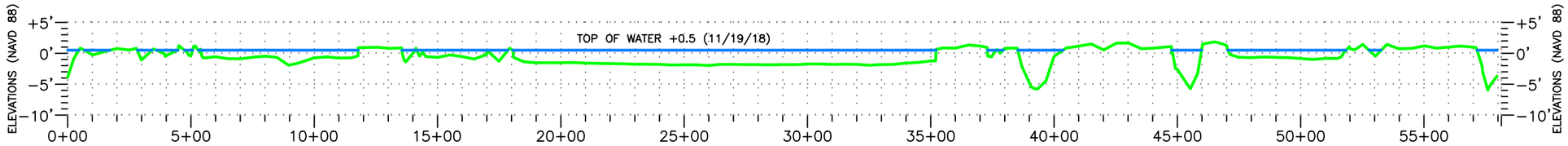
OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 160+00 TO STA. 170+00
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

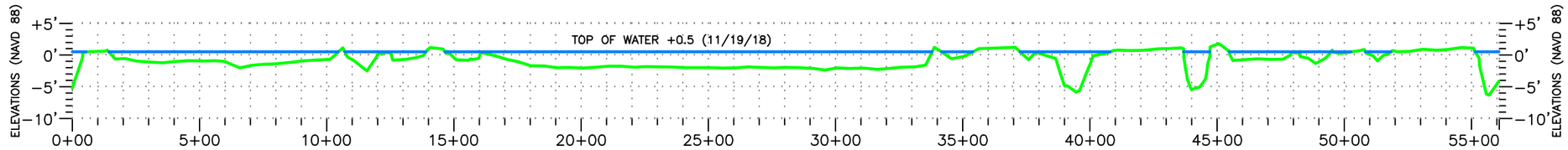
DRAWN BY:	TPC	SHEET:	15 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 13 – 00a0.dwg PLOT DATE: 1/18/19 3:04:42pr



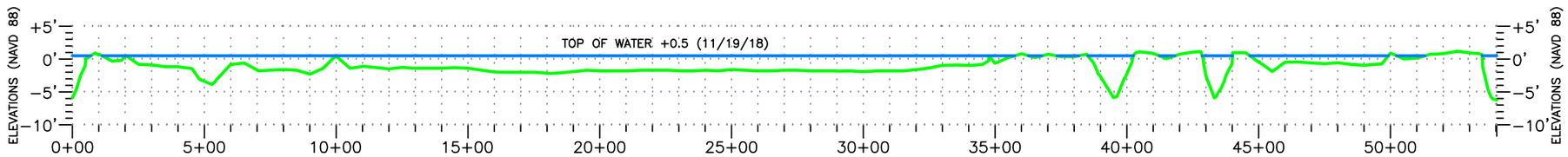
TRANSECT 182+50

(STA. 0+00 – TO STA. 58+15)



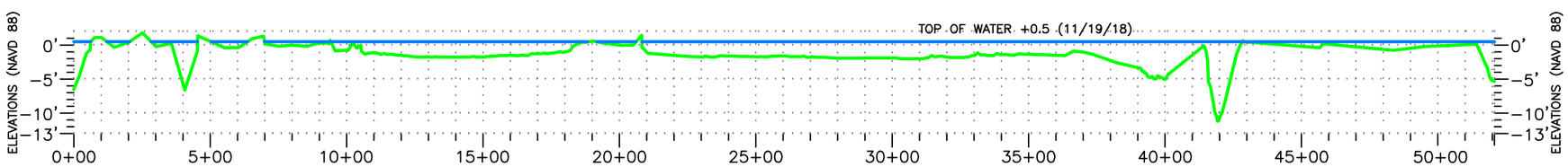
TRANSECT 180+00

(STA. 0+00 – TO STA. 56+09)



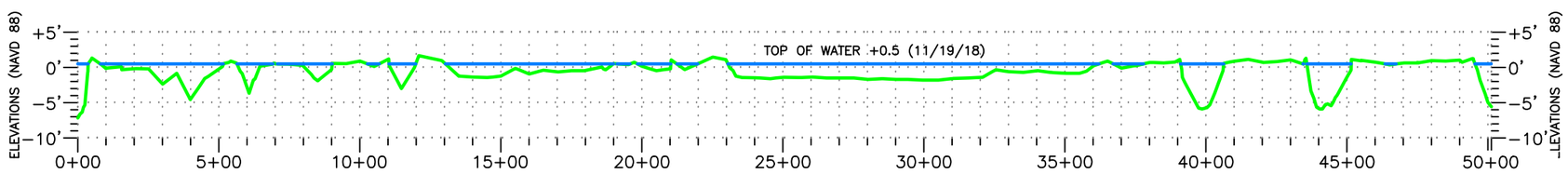
TRANSECT 177+50

(STA. 0+00 – TO STA. 54+03)



TRANSECT STA. 175+00

(STA. 0+00 – TO STA. 52+07)



TRANSECT 172+50

(STA. 0+00 – TO STA. 50+12)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

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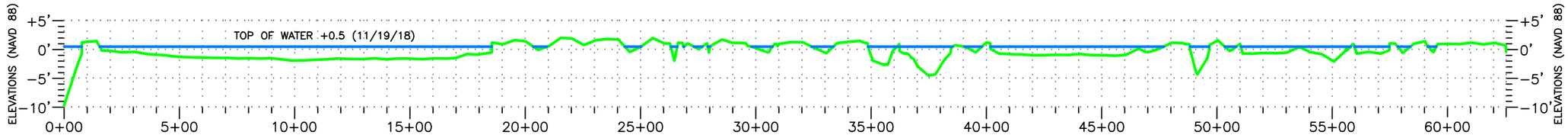
TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

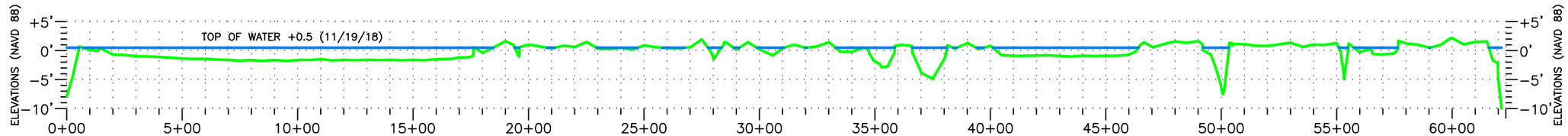
MARSH CROSS SECTIONS TRANSECT STA. 172+50 TO STA. 182+50
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	16 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

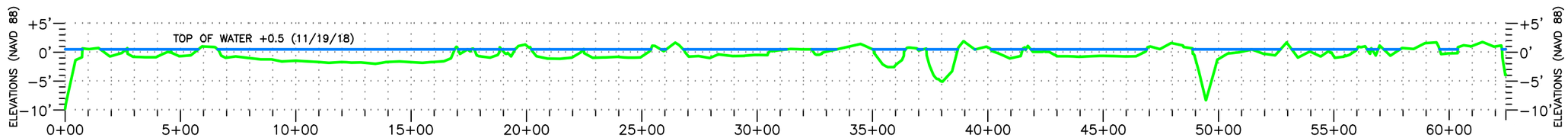
P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 13 – 00a0.dwg PLOT DATE: 1/18/19 3:18:39pr



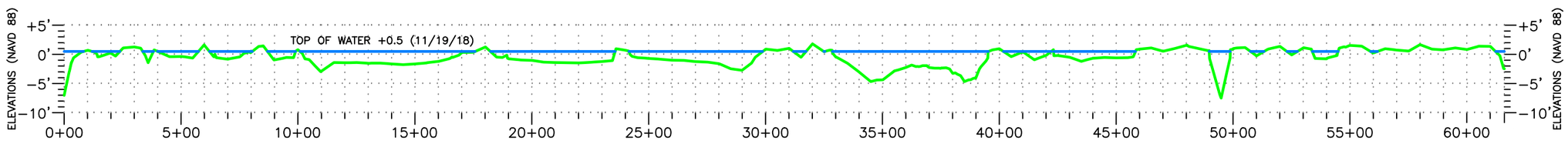
TRANSECT 195+00
(STA. 0+00 – TO STA. 62+54)



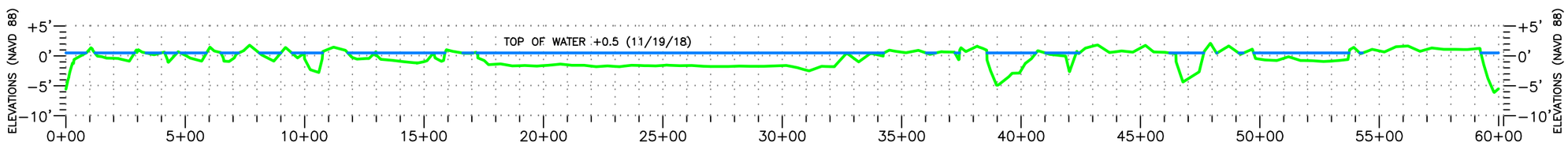
TRANSECT 192+50
(STA. 0+00 – TO STA. 62+32)



TRANSECT 190+00
(STA. 0+00 – TO STA. 62+45)



TRANSECT 187+50
(STA. 0+00 – TO STA. 61+61)



TRANSECT 185+00
(STA. 0+00 – TO STA. 60+20)

HORIZONTAL GRAPHIC SCALE
0' 250' 500' 1000' 2000'
0' 10' 20' 40' 60'
VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

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TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 185+00 TO STA. 195+00
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	17 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

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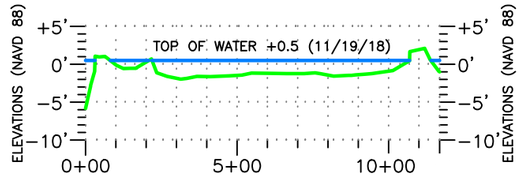
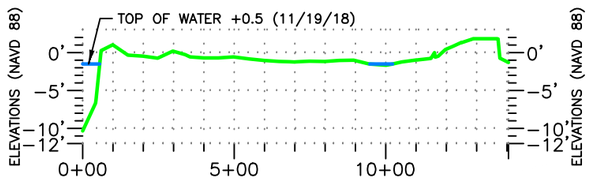


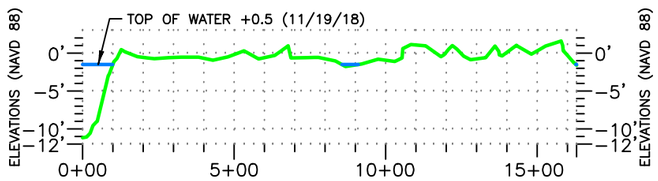
TRANSECT 207+50 NORTH

(STA. 0+00 – TO STA. 11+68)



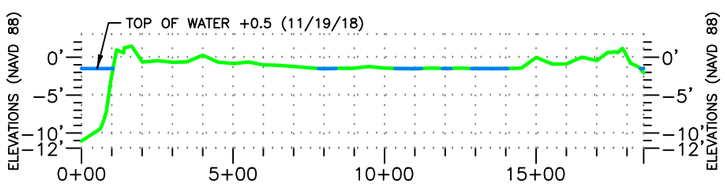
TRANSECT 205+00 NORTH

(STA. 0+00 – TO STA. 14+05)



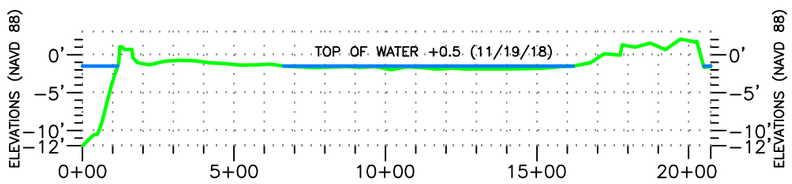
TRANSECT 202+50 NORTH

(STA. 0+00 – TO STA. 16+30)



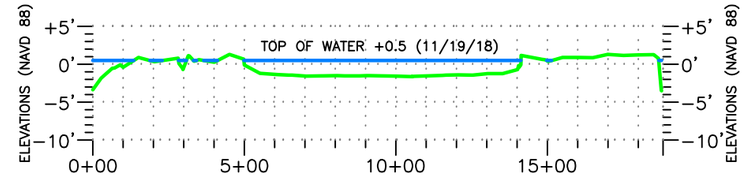
TRANSECT 200+00 NORTH

(STA. 0+00 – TO STA. 18+55)



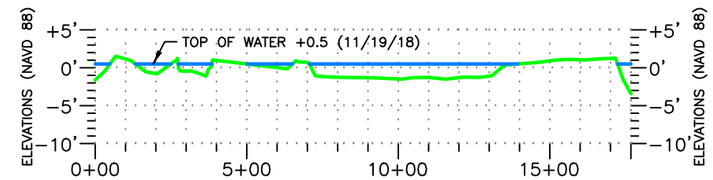
TRANSECT 197+50 NORTH

(STA. 0+00 – TO STA. 20+73)



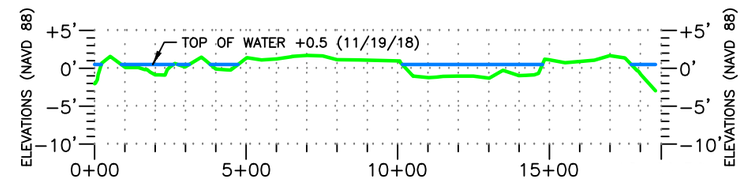
TRANSECT 207+50 SOUTH

(STA. 0+00 – TO STA. 18+81)



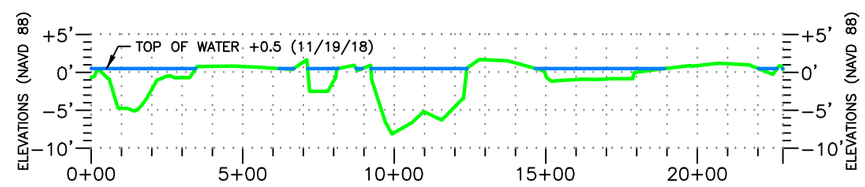
TRANSECT 205+00 SOUTH

(STA. 0+00 – TO STA. 17+68)



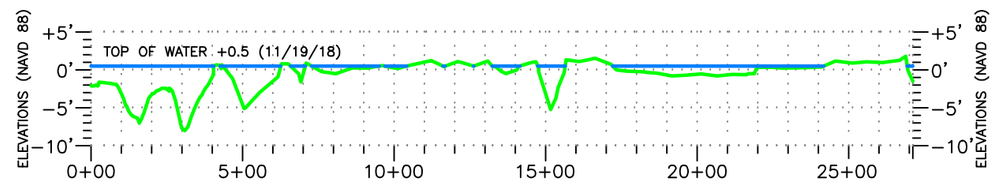
TRANSECT 202+50 SOUTH

(STA. 0+00 – TO STA. 18+70)



TRANSECT 200+00 SOUTH

(STA. 0+00 – TO STA. 22+83)



TRANSECT 197+50 SOUTH

(STA. 0+00 – TO STA. 27+12)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

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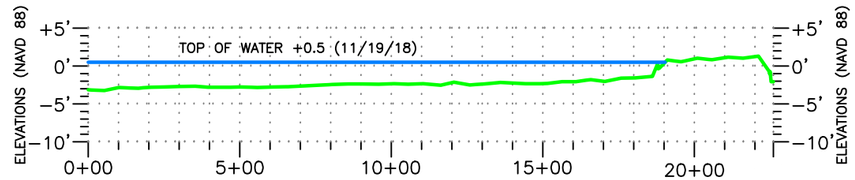
TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 197+50 TO STA. 207+50
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

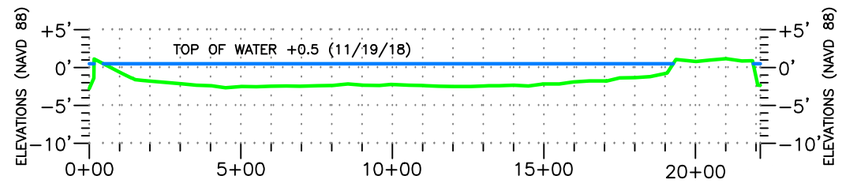
DRAWN BY:	TPC	SHEET:	18 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 13 – 00a0.dwg PLOT DATE: 1/18/19 3:23:36pr



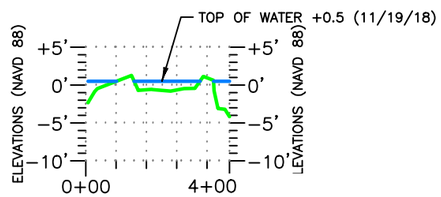
TRANSECT 220+00

(STA. 0+00 – TO STA. 22+61)



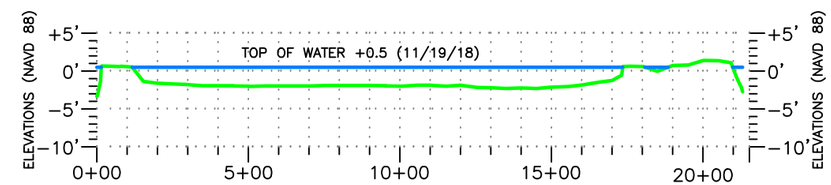
TRANSECT 217+50

(STA. 0+00 – TO STA. 22+14)



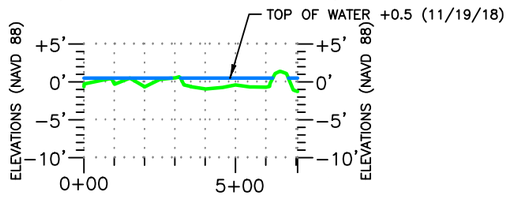
TRANSECT 215+00 NORTH

(STA. 0+00 – TO STA. 4+74)



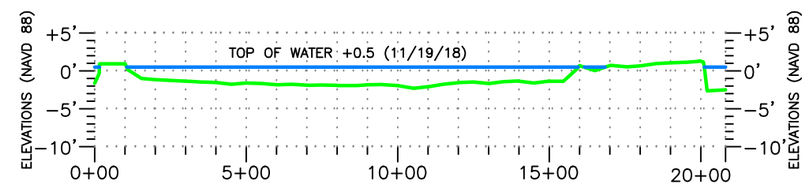
TRANSECT 215+00 SOUTH

(STA. 0+00 – TO STA. 21+53)



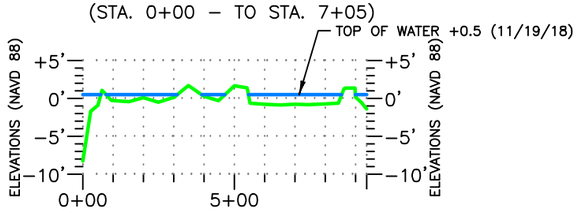
TRANSECT 212+50 NORTH

(STA. 0+00 – TO STA. 7+05)



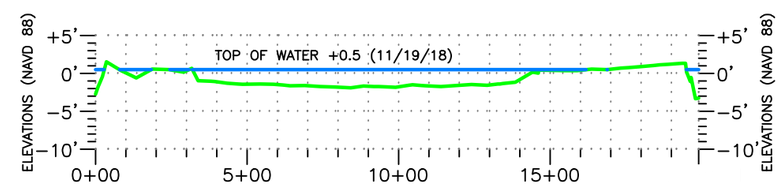
TRANSECT 212+50 SOUTH

(STA. 0+00 – TO STA. 20+82)



TRANSECT 210+00 NORTH

(STA. 0+00 – TO STA. 9+36)



TRANSECT 210+00 SOUTH

(STA. 0+00 – TO STA. 19+90)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

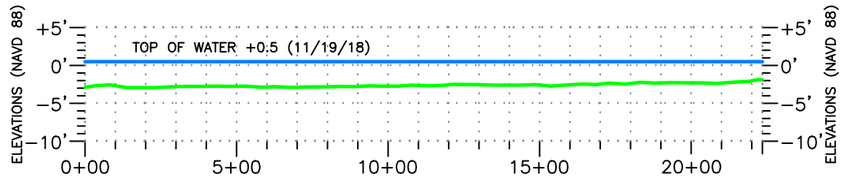
mph Morris P. Hebert, Inc.
SURVEYING • ENGINEERING • ENVIRONMENTAL • GIS
P.O. BOX 3106 * 283 CORPORATE DRIVE * HOUMA, LOUISIANA 70361 * (985) 879-2731
HOUMA, LA. * HOUSTON, TX. * SAN ANTONIO, TX. * MIDLAND, TX.
TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 210+00 TO STA. 220+00
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

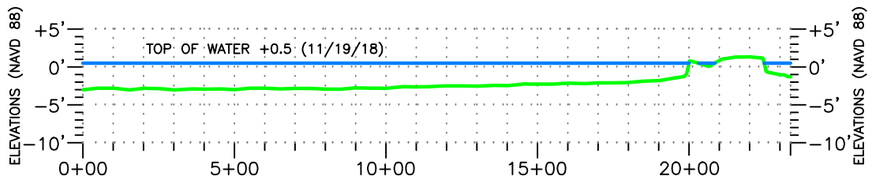
DRAWN BY:	TPC	SHEET:	19 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 13 – 00a0.dwg PLOT DATE: 1/18/19 3:26:57pr



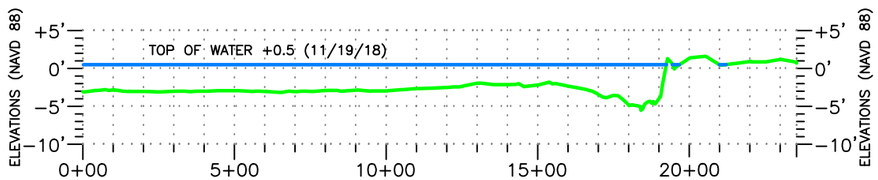
TRANSECT 232+50

(STA. 0+00 – TO STA. 22+35)



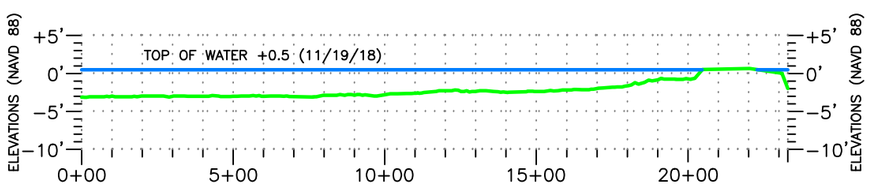
TRANSECT 230+00

(STA. 0+00 – TO STA. 23+35)



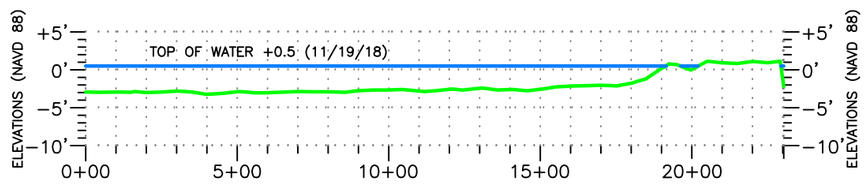
TRANSECT 227+50

(STA. 0+00 – TO STA. 23+54)



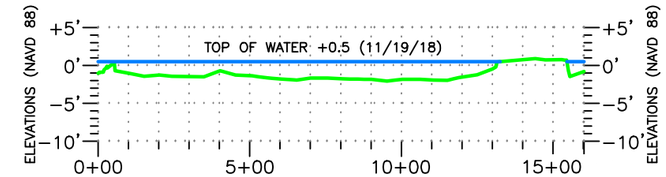
TRANSECT STA. 225+00

(STA. 0+00 – TO STA. 23+29)



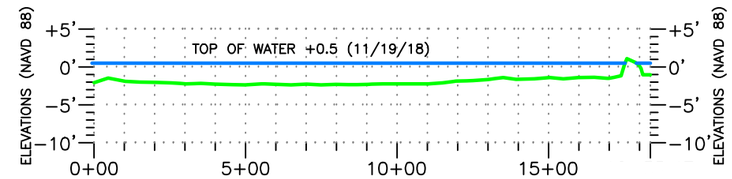
TRANSECT 222+50

(STA. 0+00 – TO STA. 23+03)



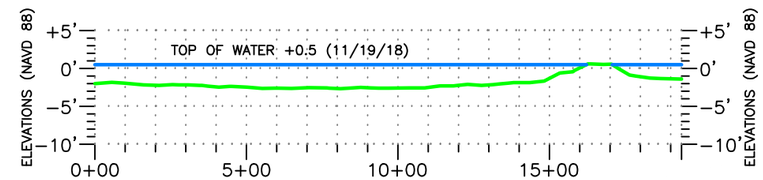
TRANSECT 245+00

(STA. 0+00 – TO STA. 16+03)



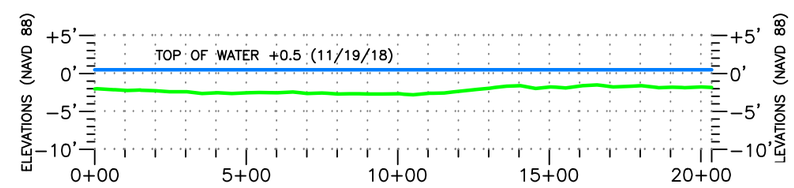
TRANSECT 242+50

(STA. 0+00 – TO STA. 18+35)



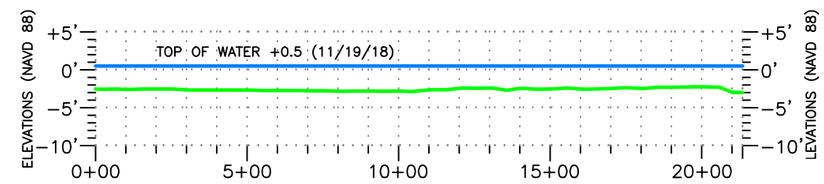
TRANSECT 240+00

(STA. 0+00 – TO STA. 19+35)



TRANSECT 237+50

(STA. 0+00 – TO STA. 20+35)



TRANSECT 235+00

(STA. 0+00 – TO STA. 21+35)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

Morris P. Hebert, Inc.
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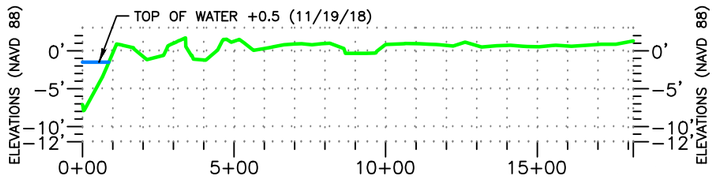
HOUMA, LA. * HOUSTON, TX. * SAN ANTONIO, TX. * MIDLAND, TX.
TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 222+50 TO STA. 245+00
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

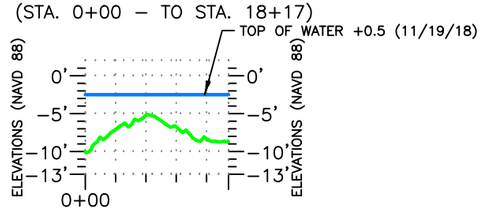
DRAWN BY:	TPC	SHEET:	20 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 13 – 00a0.dwg PLOT DATE: 1/18/19 3:31:44pr



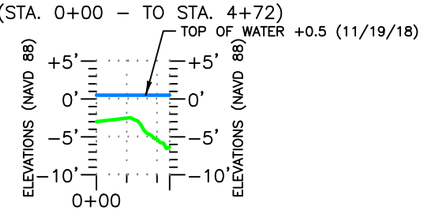
TRANSECT 257+50

(STA. 0+00 – TO STA. 18+17)



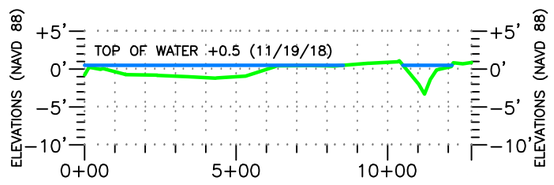
TRANSECT 255+00

(STA. 0+00 – TO STA. 4+72)



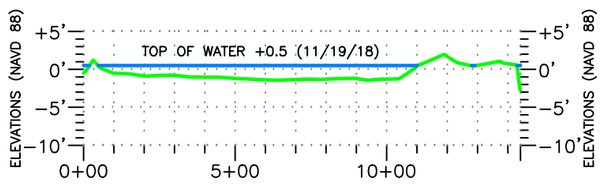
TRANSECT 252+50

(STA. 0+00 – TO STA. 2+42)



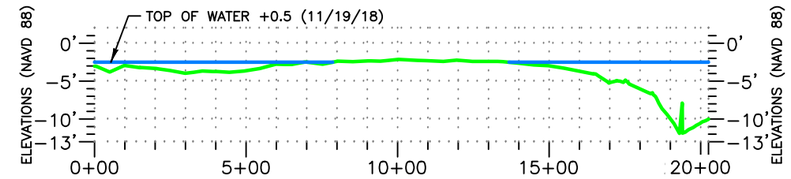
TRANSECT STA. 250+00

(STA. 0+00 – TO STA. 12+76)



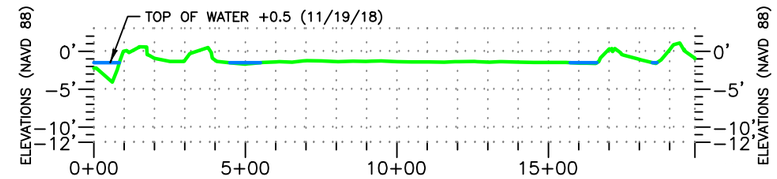
TRANSECT 247+50

(STA. 0+00 – TO STA. 14+41)



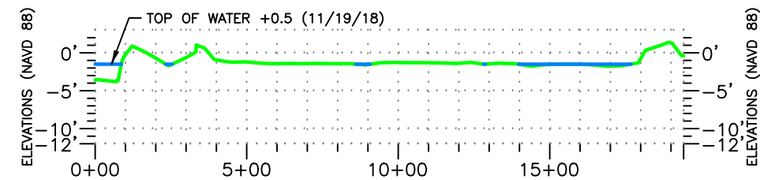
TRANSECT 270+00

(STA. 0+00 – TO STA. 20+26)



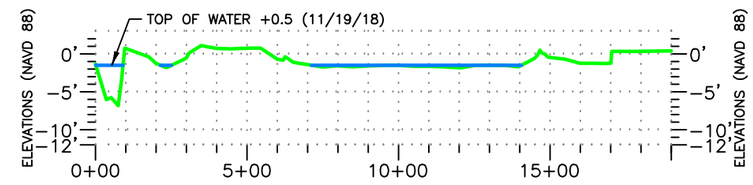
TRANSECT 267+50

(STA. 0+00 – TO STA. 19+84)



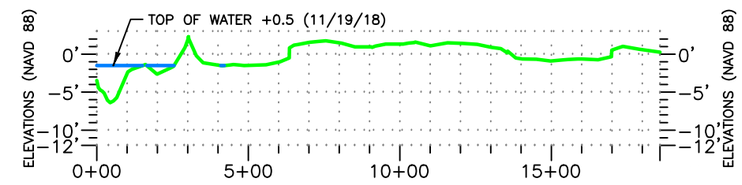
TRANSECT 265+00

(STA. 0+00 – TO STA. 19+42)



TRANSECT 262+50

(STA. 0+00 – TO STA. 19+01)



TRANSECT 260+00

(STA. 0+00 – TO STA. 18+59)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

Morris P. Hebert, Inc.
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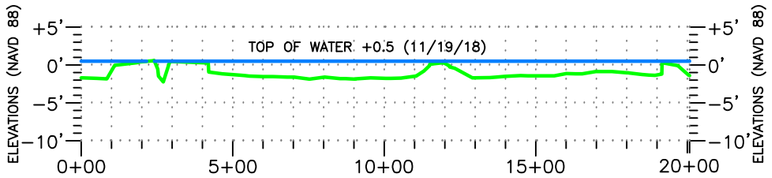
HOUMA, LA. * HOUSTON, TX. * SAN ANTONIO, TX. * MIDLAND, TX.
TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 247+50 TO STA. 270+00
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

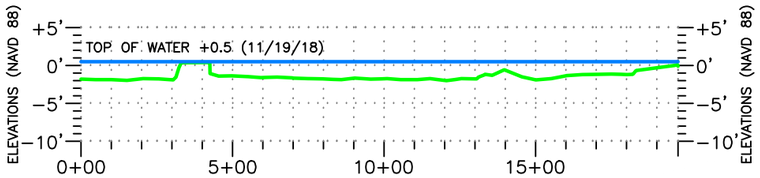
DRAWN BY:	TPC	SHEET:	21 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 13 – 00a0.dwg PLOT DATE: 1/18/19 3:33:55pr



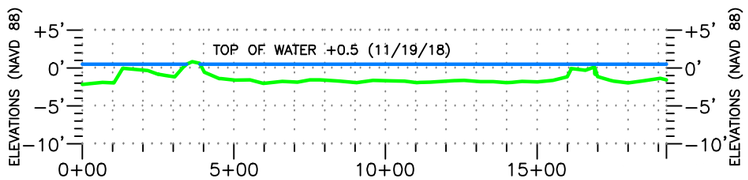
TRANSECT 282+50

(STA. 0+00 – TO STA. 20+08)



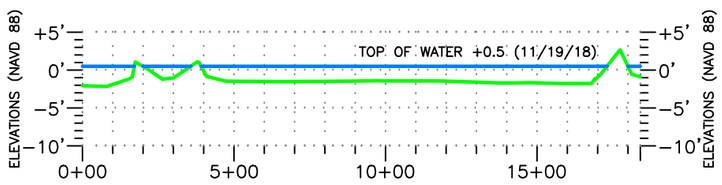
TRANSECT 280+00

(STA. 0+00 – TO STA. 19+70)



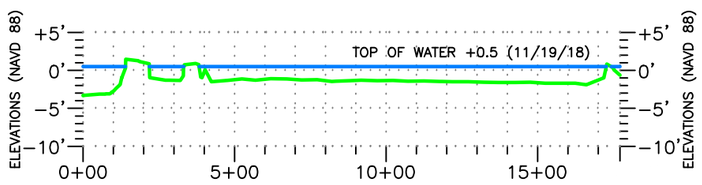
TRANSECT 277+50

(STA. 0+00 – TO STA. 19+27)



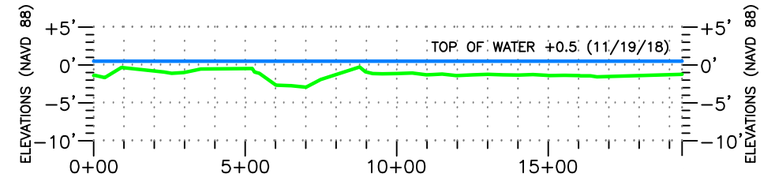
TRANSECT STA. 275+00

(STA. 0+00 – TO STA. 18+41)



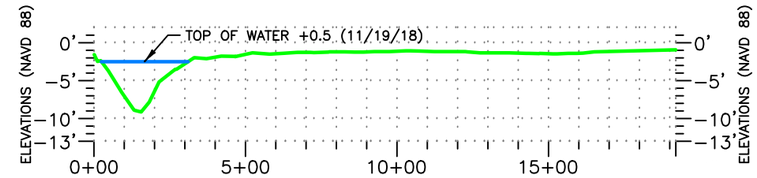
TRANSECT 272+50

(STA. 0+00 – TO STA. 17+72)



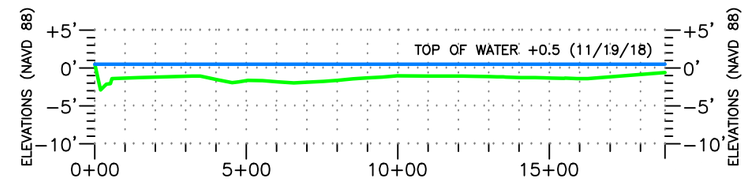
TRANSECT 295+00

(STA. 0+00 – TO STA. 19+42)



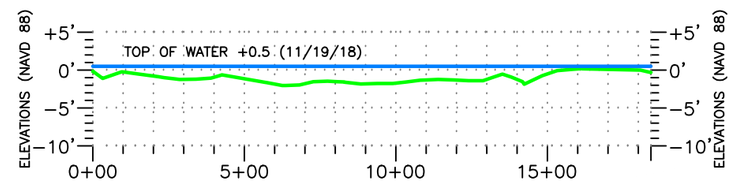
TRANSECT 292+50

(STA. 0+00 – TO STA. 19+20)



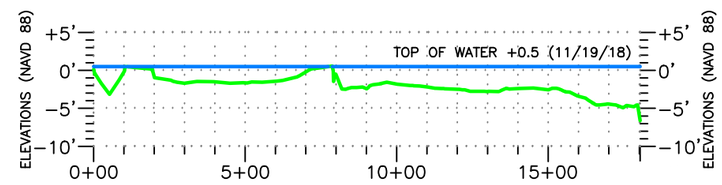
TRANSECT 290+00

(STA. 0+00 – TO STA. 18+81)



TRANSECT 287+50

(STA. 0+00 – TO STA. 18+42)



TRANSECT 285+00

(STA. 0+00 – TO STA. 18+03)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

Morris P. Hebert, Inc.
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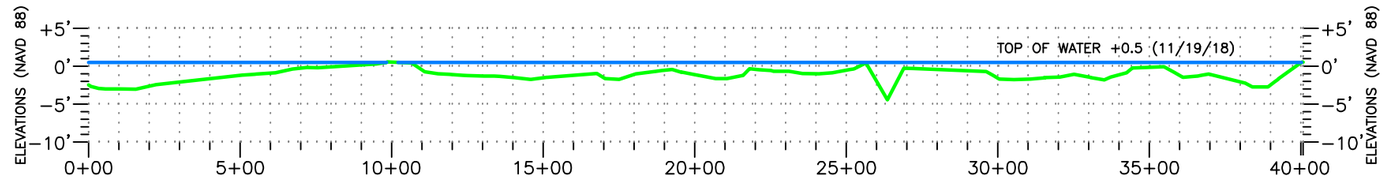
HOUMA, LA. * HOUSTON, TX. * SAN ANTONIO, TX. * MIDLAND, TX.
TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 272+50 TO STA. 295+00
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

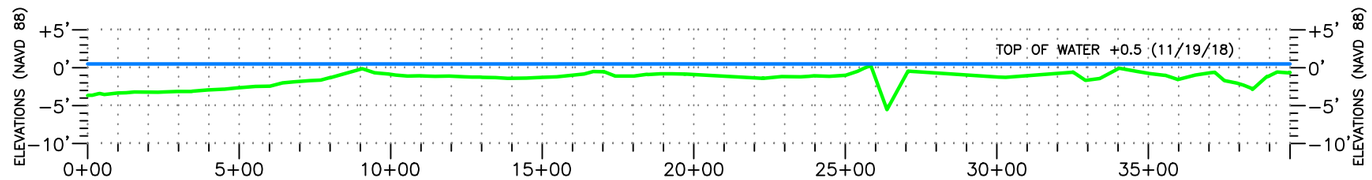
DRAWN BY:	TPC	SHEET:	22 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 13 – 00a0.dwg PLOT DATE: 1/18/19 3:36:16pr



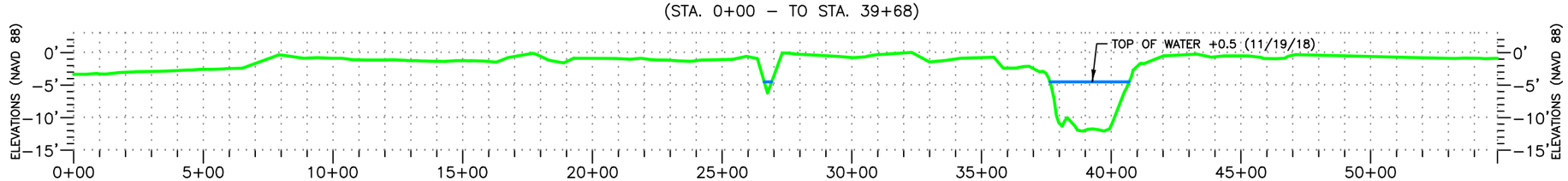
TRANSECT 307+50

(STA. 0+00 – TO STA. 40+07)



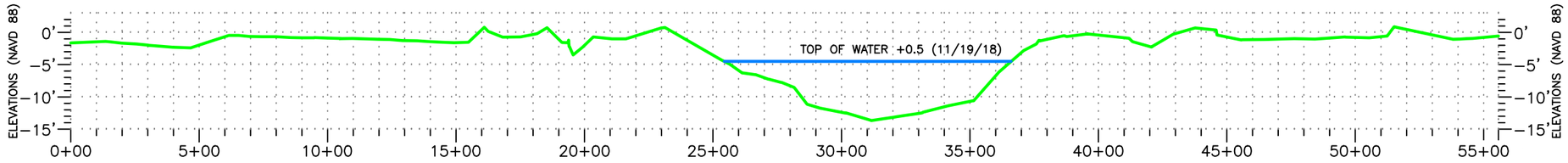
TRANSECT 305+00

(STA. 0+00 – TO STA. 39+68)



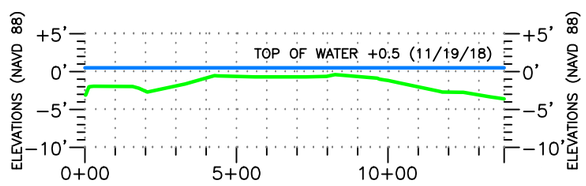
TRANSECT 302+50

(STA. 0+00 – TO STA. 54+89)



TRANSECT STA. 300+00

(STA. 0+00 – TO STA. 55+58)



TRANSECT 297+50 NORTH

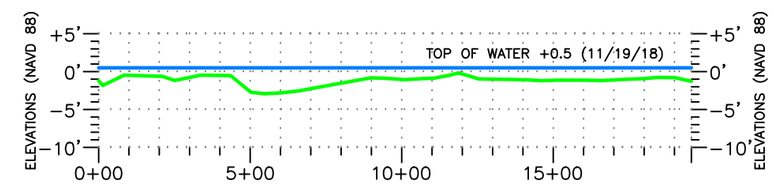
(STA. 0+00 – TO STA. 13+83)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE



TRANSECT 297+50 SOUTH

(STA. 0+00 – TO STA. 19+56)

NOTE: TRANSECTS ARE LOOKING EASTERLY

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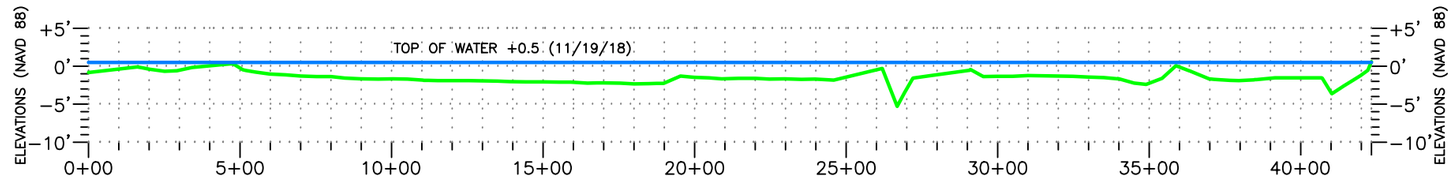
TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 297+50 (NORTH & SOUTH) TO STA. 307+50
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

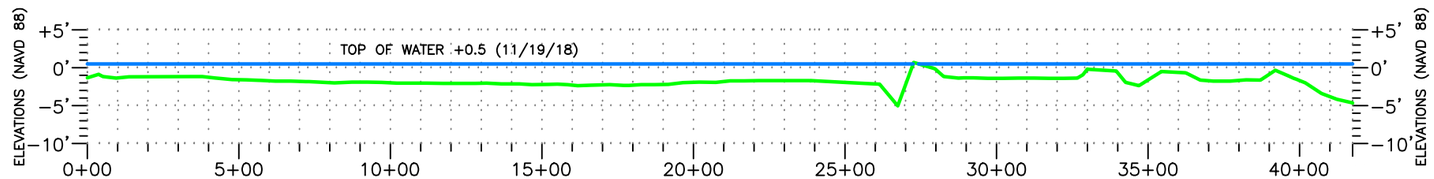
DRAWN BY:	TPC	SHEET:	23 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 13 – 00a0.dwg PLOT DATE: 1/18/19 3:39:59pr



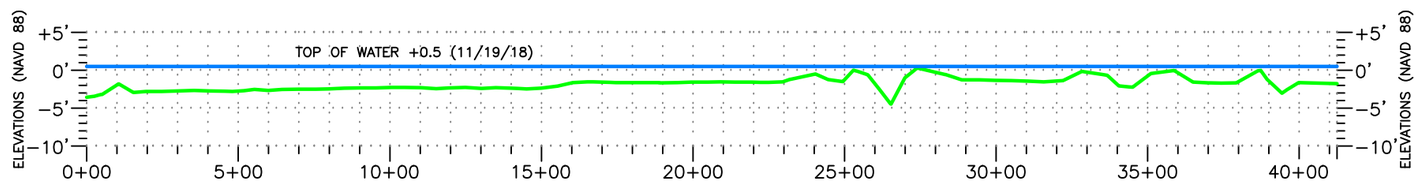
TRANSECT 320+00

(STA. 0+00 – TO STA. 42+33)



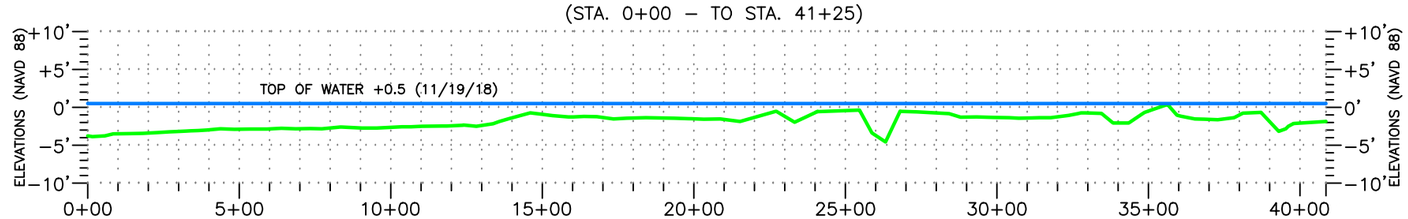
TRANSECT 317+50

(STA. 0+00 – TO STA. 41+75)



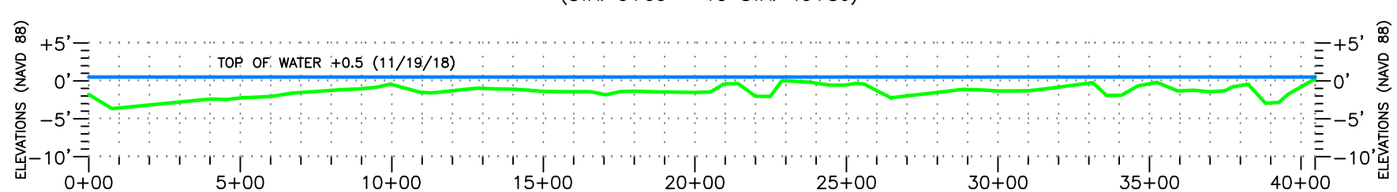
TRANSECT 315+00

(STA. 0+00 – TO STA. 41+25)



TRANSECT 312+50

(STA. 0+00 – TO STA. 40+86)



TRANSECT 310+00

(STA. 0+00 – TO STA. 40+46)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

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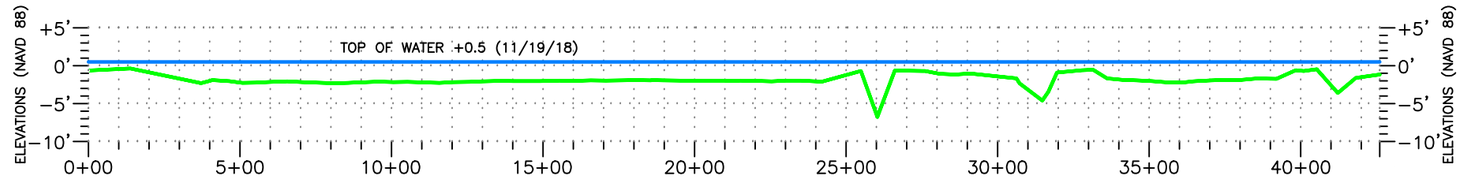
OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 310+00 TO STA. 320+00
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

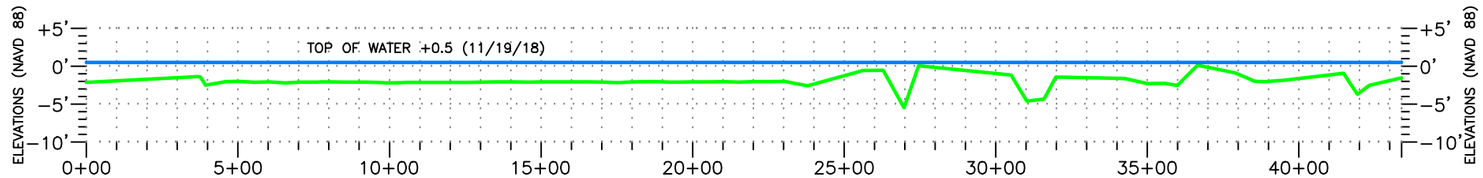
DRAWN BY:	TPC	SHEET:	24 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 - W.F. Baird - Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 13 - 00a0.dwg PLOT DATE: 1/18/19 3:42:12pr



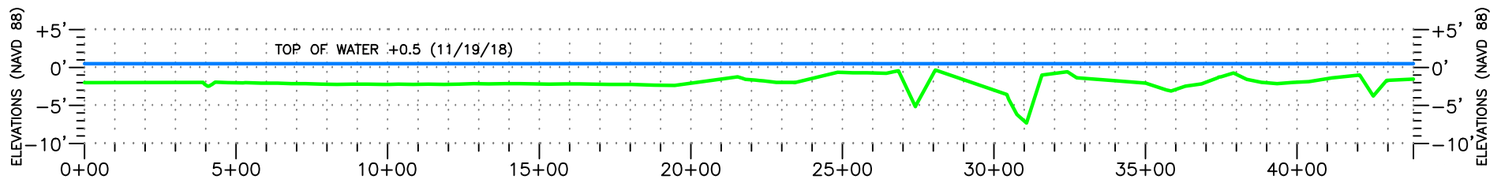
TRANSECT 332+50

(STA. 0+00 – TO STA. 42+61)



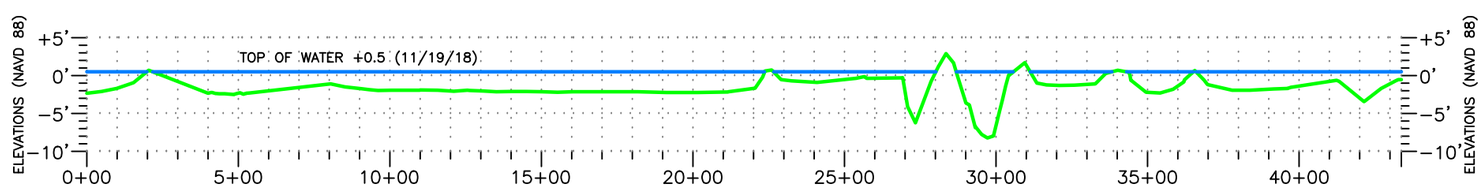
TRANSECT 330+00

(STA. 0+00 – TO STA. 43+40)



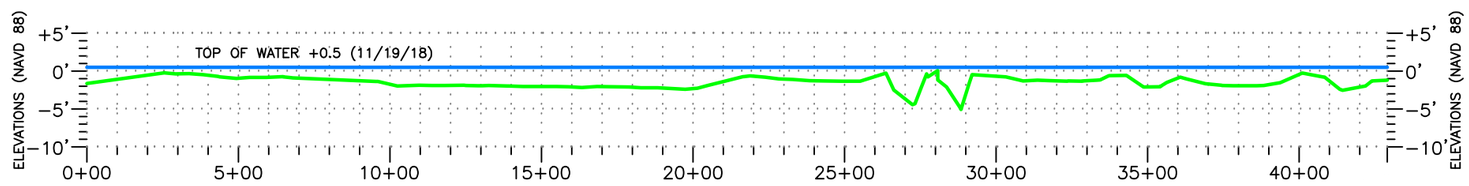
TRANSECT 327+50

(STA. 0+00 – TO STA. 43+85)



TRANSECT STA. 325+00

(STA. 0+00 – TO STA. 43+38)



TRANSECT 322+50

(STA. 0+00 – TO STA. 42+91)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

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OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 322+50 TO STA. 332+50
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	25 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

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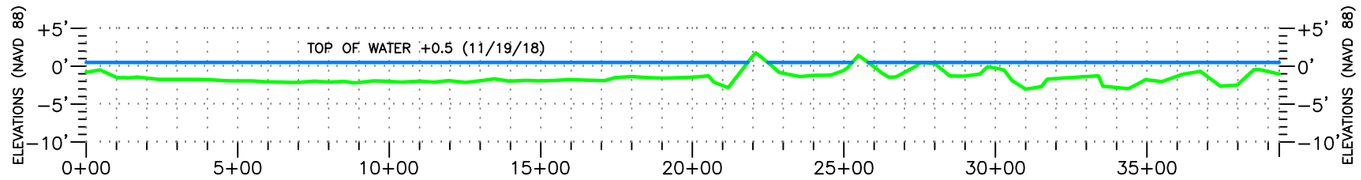
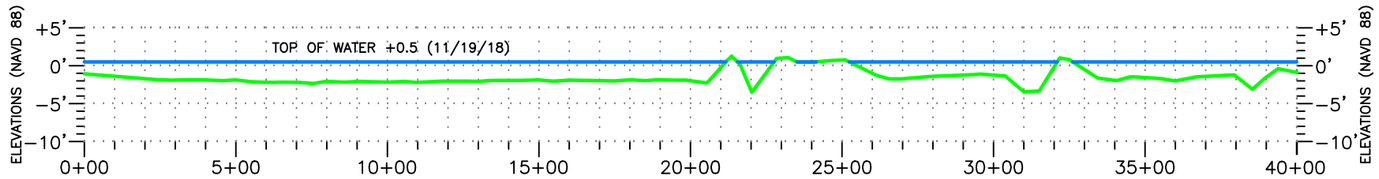


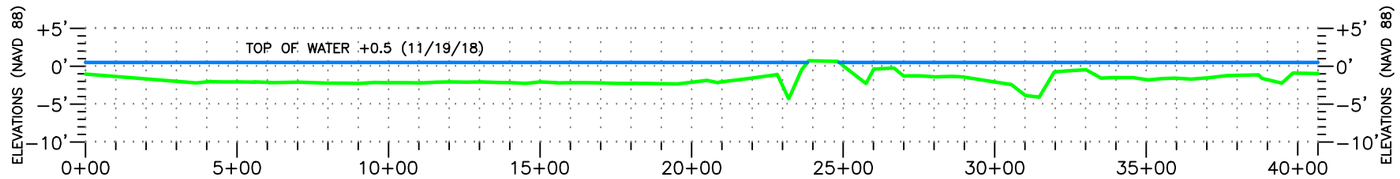
TRANSECT 345+00

(STA. 0+00 – TO STA. 39+37)



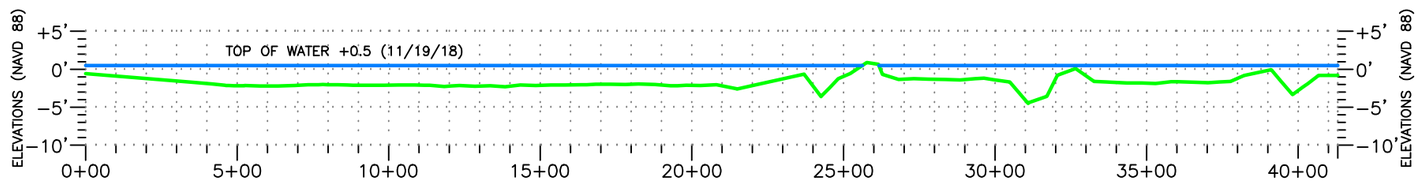
TRANSECT 342+50

(STA. 0+00 – TO STA. 40+02)



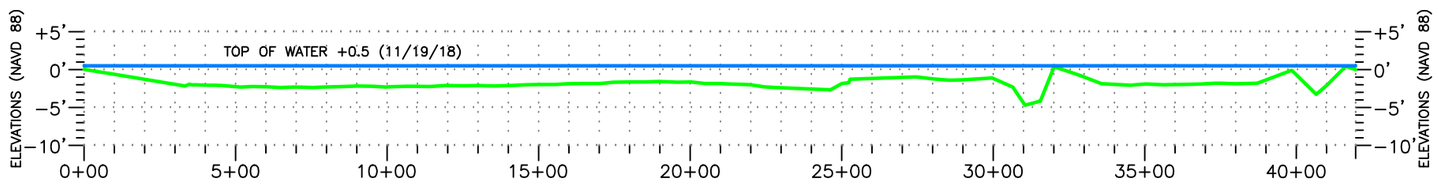
TRANSECT 340+00

(STA. 0+00 – TO STA. 40+66)



TRANSECT 337+50

(STA. 0+00 – TO STA. 41+31)



TRANSECT 335+00

(STA. 0+00 – TO STA. 41+96)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

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OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 335+00 TO STA. 345+00
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	26 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

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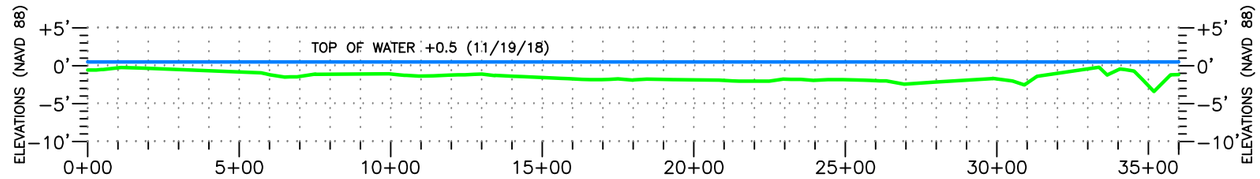
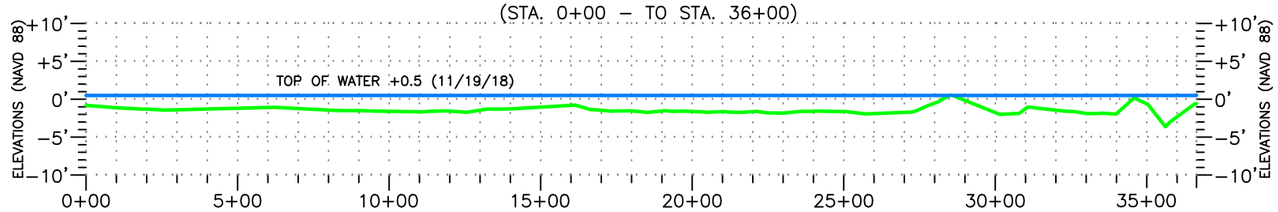


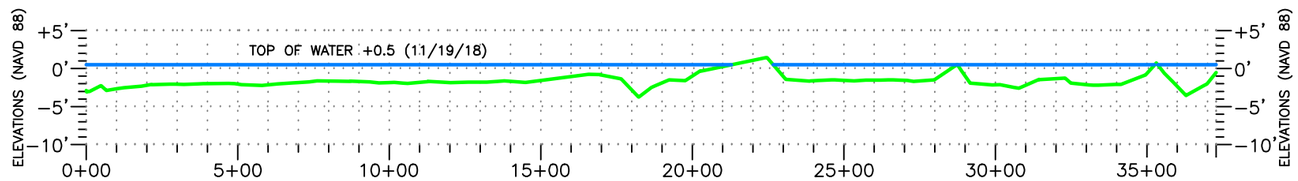
TRANSECT 357+50

(STA. 0+00 – TO STA. 36+00)



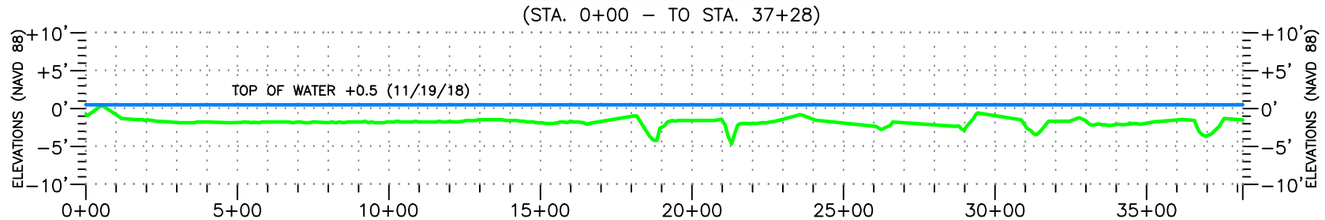
TRANSECT 355+00

(STA. 0+00 – TO STA. 36+64)



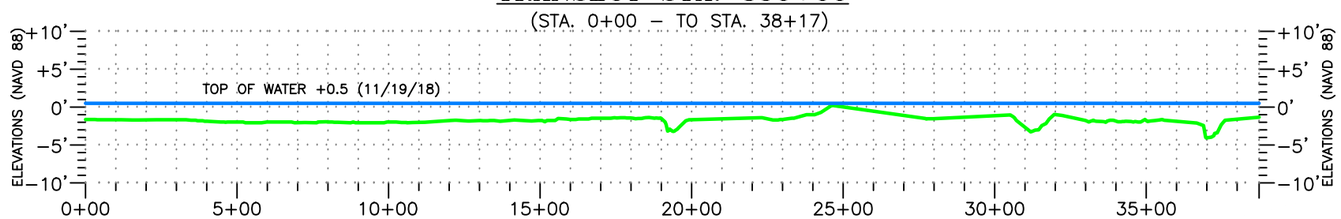
TRANSECT 352+50

(STA. 0+00 – TO STA. 37+28)



TRANSECT STA. 350+00

(STA. 0+00 – TO STA. 38+17)



TRANSECT 347+50

(STA. 0+00 – TO STA. 38+72)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

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OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 347+50 TO STA. 357+50
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY: TPC	SHEET: 27 OF 86
CHKD./APPD. BY: JCM	SCALE: AS SHOWN
UPDATED BY:	DATE: 10/12/18
DATA BASE:	JOB NO. 13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG	

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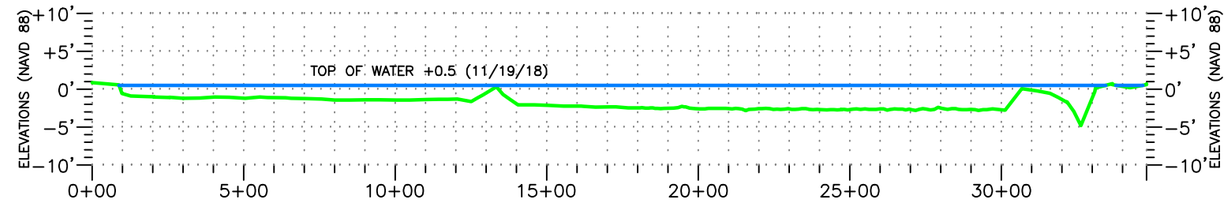
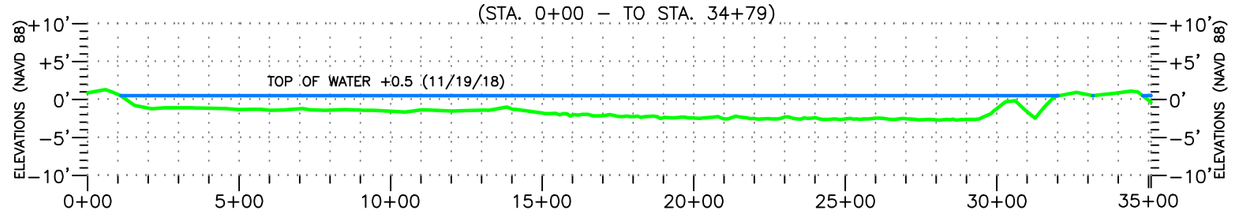


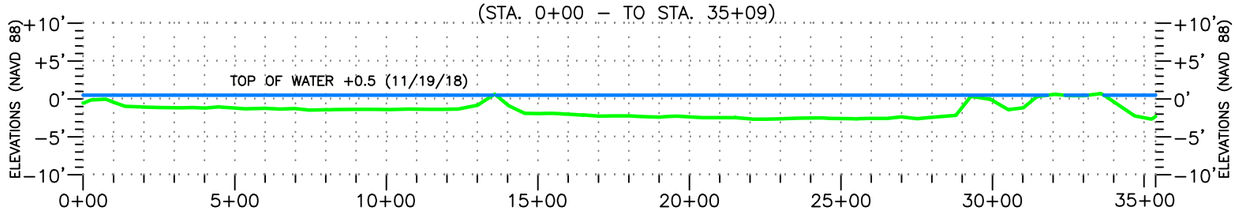
TRANSECT 370+00

(STA. 0+00 – TO STA. 34+79)



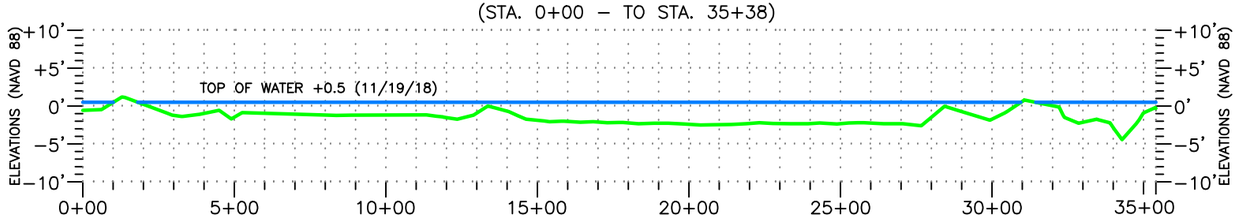
TRANSECT 367+50

(STA. 0+00 – TO STA. 35+09)



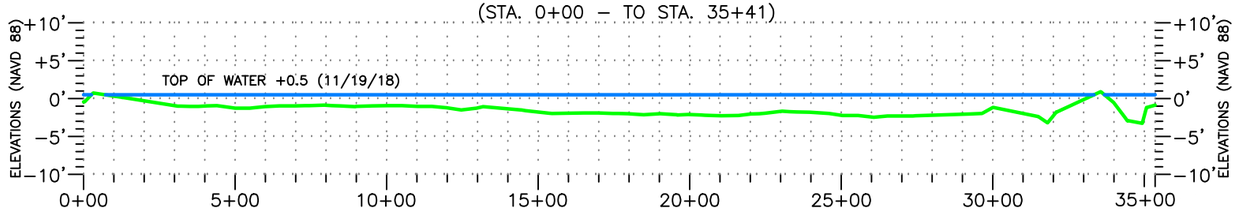
TRANSECT 365+00

(STA. 0+00 – TO STA. 35+38)



TRANSECT 362+50

(STA. 0+00 – TO STA. 35+41)



TRANSECT 360+00

(STA. 0+00 – TO STA. 35+36)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

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OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 360+00 TO STA. 370+00
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	28 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

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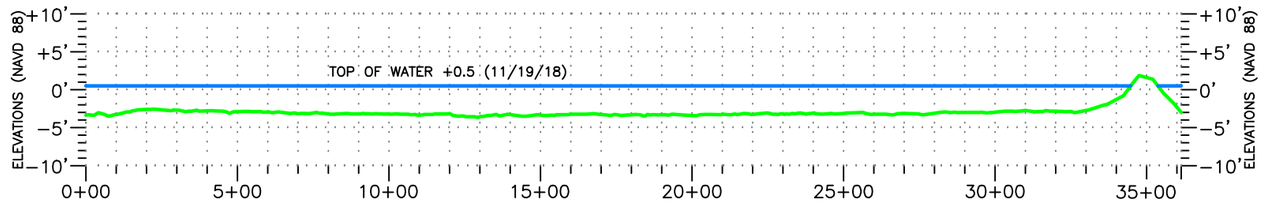
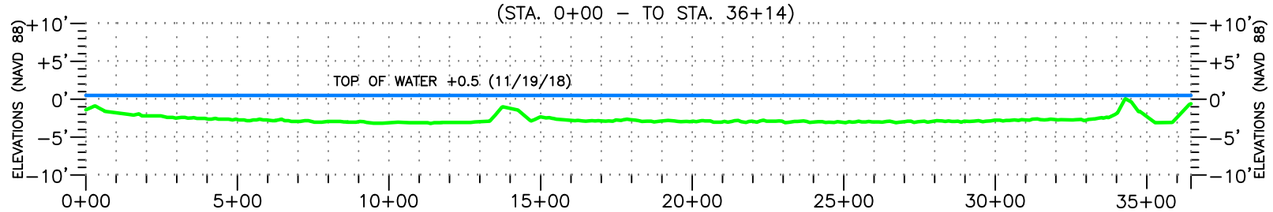


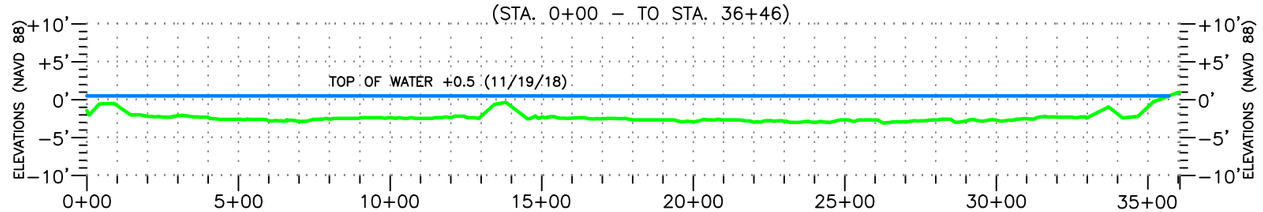
TRANSECT 382+50

(STA. 0+00 – TO STA. 36+14)



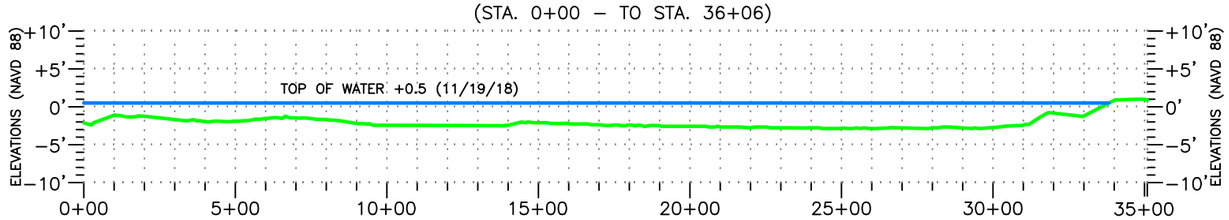
TRANSECT 380+00

(STA. 0+00 – TO STA. 36+46)



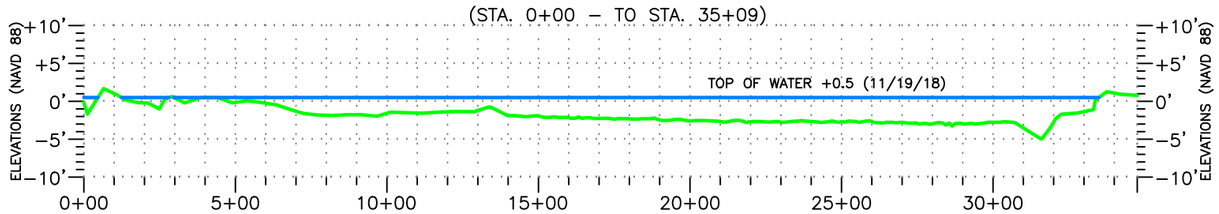
TRANSECT 377+50

(STA. 0+00 – TO STA. 36+06)



TRANSECT STA. 375+00

(STA. 0+00 – TO STA. 35+09)



TRANSECT 372+50

(STA. 0+00 – TO STA. 34+76)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

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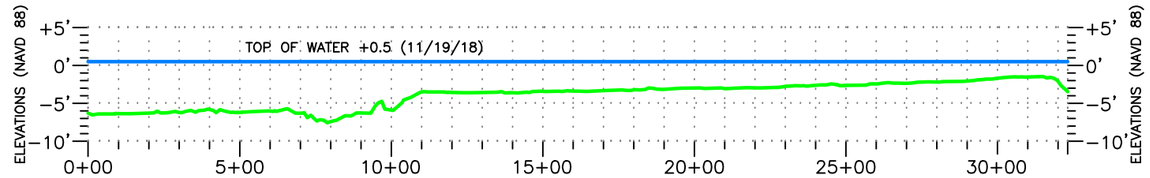
TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 372+50 TO STA. 382+50
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

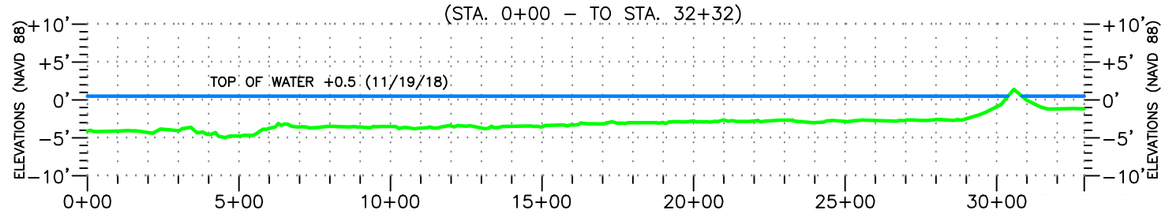
DRAWN BY:	TPC	SHEET:	29 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 13 – 00a0.dwg PLOT DATE: 1/18/19 4:03:44pr



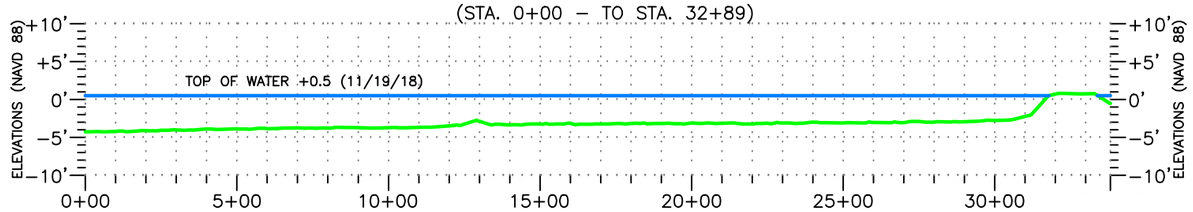
TRANSECT 395+00

(STA. 0+00 – TO STA. 32+32)



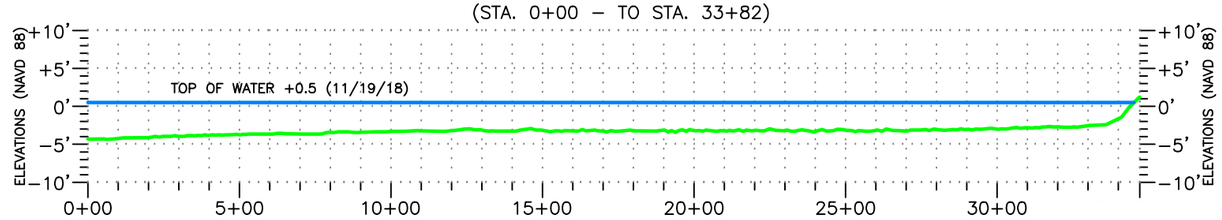
TRANSECT 392+50

(STA. 0+00 – TO STA. 32+89)



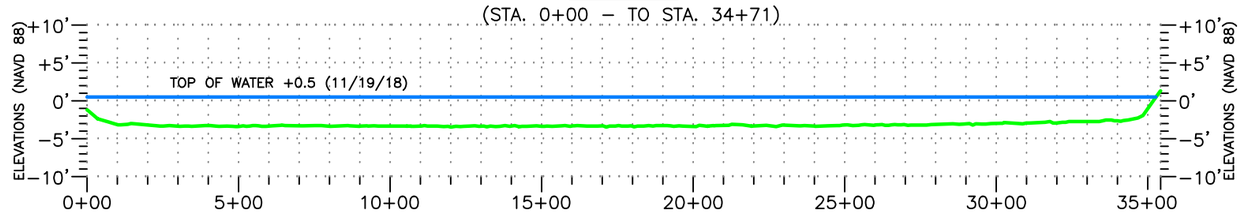
TRANSECT 390+00

(STA. 0+00 – TO STA. 33+82)



387+50

(STA. 0+00 – TO STA. 34+71)



TRANSECT 385+00

(STA. 0+00 – TO STA. 35+42)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

Morris P. Hebert, Inc.
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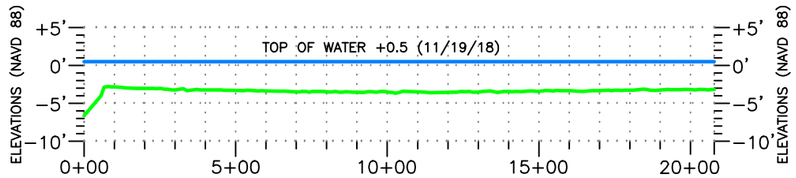
P.O. BOX 3106 * 283 CORPORATE DRIVE * HOUMA, LOUISIANA 70361 * (985) 879-2731
HOUMA, LA. * HOUSTON, TX. * SAN ANTONIO, TX. * MIDLAND, TX.
TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 385+00 TO STA. 395+00
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

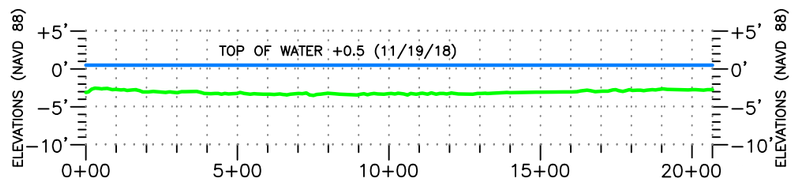
DRAWN BY: TPC	SHEET: 30 OF 86
CHKD./APPD. BY: JCM	SCALE: AS SHOWN
UPDATED BY:	DATE: 10/12/18
DATA BASE:	JOB NO. 13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG	

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 13 – 00a0.dwg PLOT DATE: 1/18/19 4:08:03pr



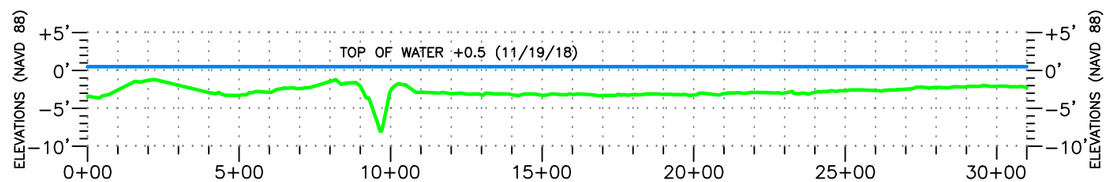
TRANSECT 407+50

(STA. 0+00 – TO STA. 20+79)



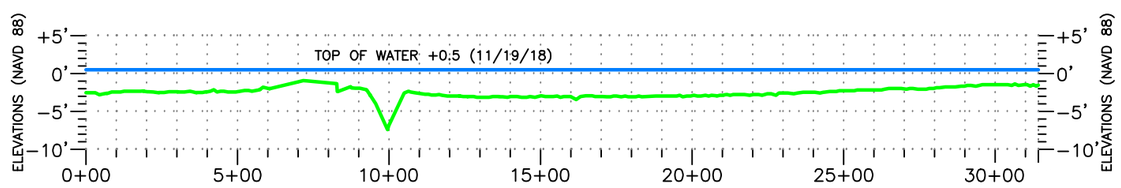
TRANSECT 405+00

(STA. 0+00 – TO STA. 20+68)



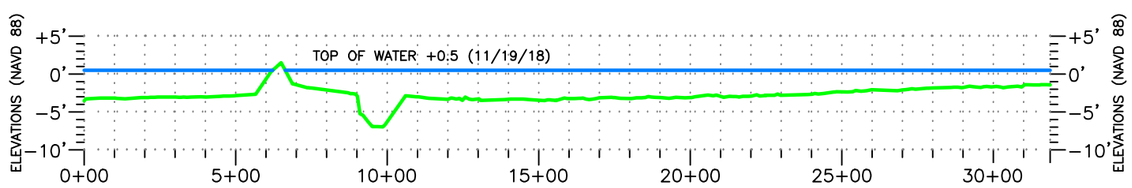
TRANSECT 402+50

(STA. 0+00 – TO STA. 30+99)



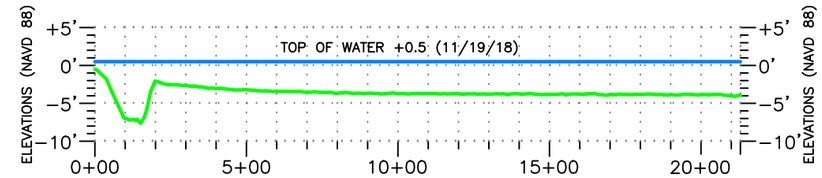
TRANSECT STA. 400+00

(STA. 0+00 – TO STA. 31+42)



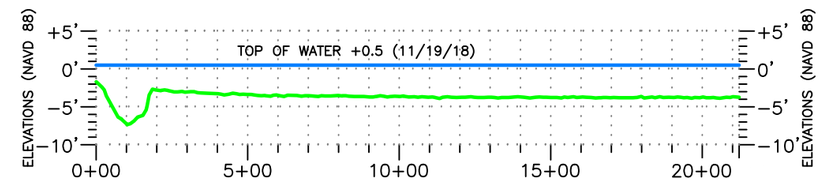
TRANSECT 397+50

(STA. 0+00 – TO STA. 31+87)



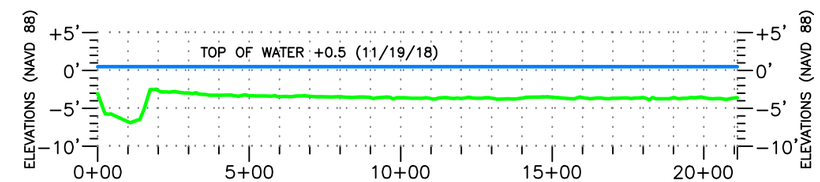
TRANSECT 420+00

(STA. 0+00 – TO STA. 21+30)



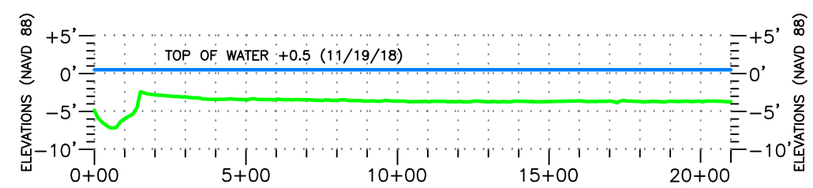
TRANSECT 417+50

(STA. 0+00 – TO STA. 21+22)



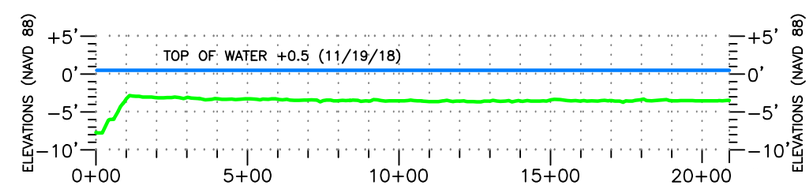
TRANSECT 415+00

(STA. 0+00 – TO STA. 21+11)



TRANSECT 412+50

(STA. 0+00 – TO STA. 21+00)



TRANSECT 410+00

(STA. 0+00 – TO STA. 20+89)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

Morris P. Hebert, Inc.
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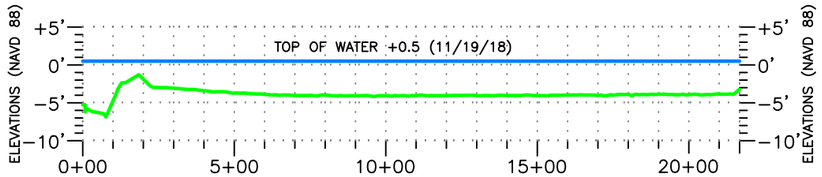
HOUMA, LA. * HOUSTON, TX. * SAN ANTONIO, TX. * MIDLAND, TX.
TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 397+50 TO STA. 420+00
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

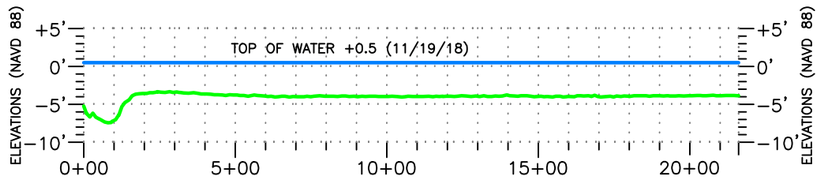
DRAWN BY:	TPC	SHEET:	31 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 13 – 00a0.dwg PLOT DATE: 1/18/19 4:10:09pr



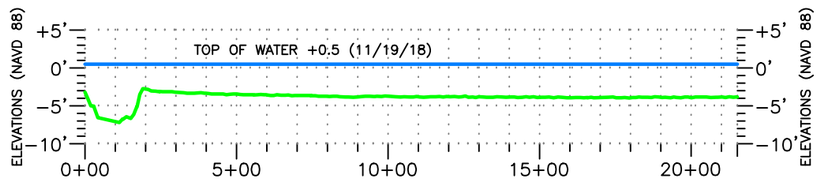
TRANSECT 432+50

(STA. 0+00 – TO STA. 21+68)



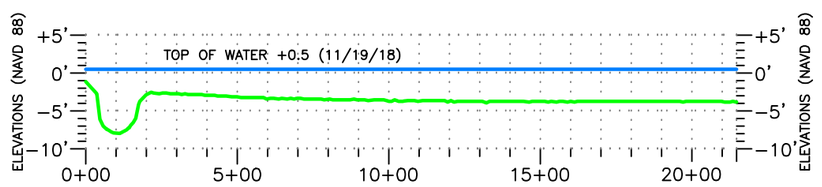
TRANSECT 430+00

(STA. 0+00 – TO STA. 21+60)



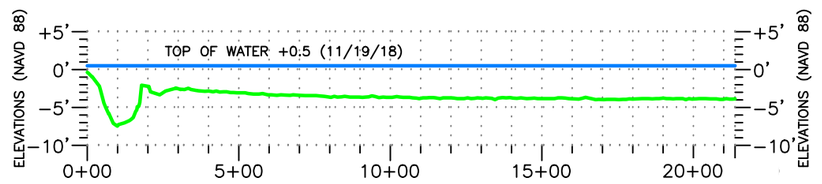
TRANSECT 427+50

(STA. 0+00 – TO STA. 21+53)



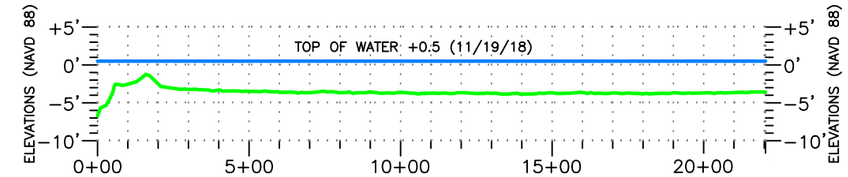
TRANSECT STA. 425+00

(STA. 0+00 – TO STA. 21+47)



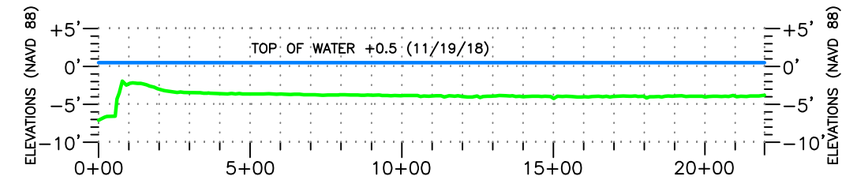
TRANSECT 422+50

(STA. 0+00 – TO STA. 21+38)



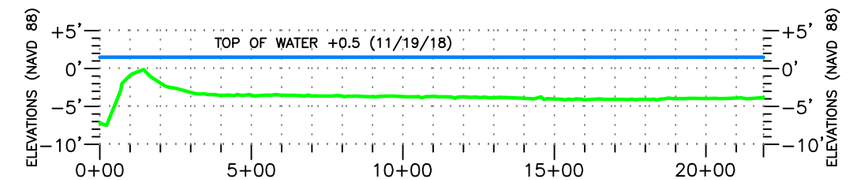
TRANSECT 445+00

(STA. 0+00 – TO STA. 22+04)



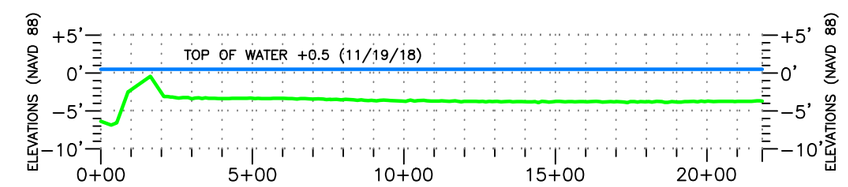
TRANSECT 442+50

(STA. 0+00 – TO STA. 21+97)



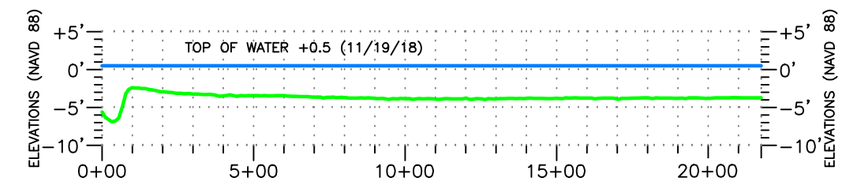
TRANSECT 440+00

(STA. 0+00 – TO STA. 21+90)



TRANSECT 437+50

(STA. 0+00 – TO STA. 21+83)



TRANSECT 435+00

(STA. 0+00 – TO STA. 21+75)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

Morris P. Hebert, Inc.
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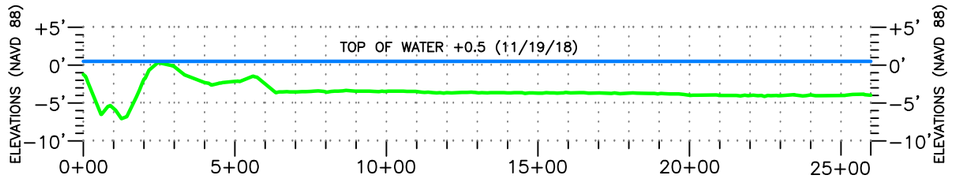
HOUMA, LA. * HOUSTON, TX. * SAN ANTONIO, TX. * MIDLAND, TX.
TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 422+50 TO STA. 445+00
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

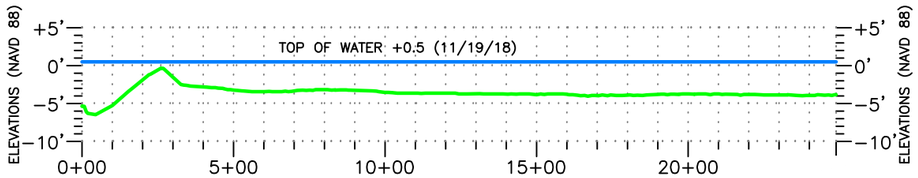
DRAWN BY:	TPC	SHEET:	32 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 13 – 00a0.dwg PLOT DATE: 1/18/19 4:12:16pr



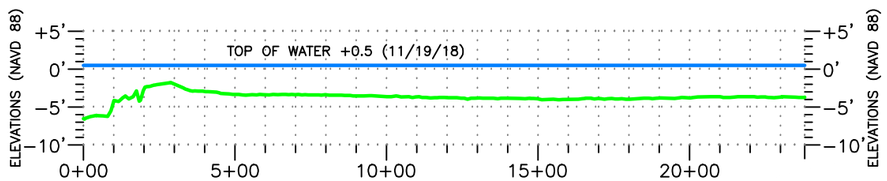
TRANSECT 457+50

(STA. 0+00 – TO STA. 25+98)



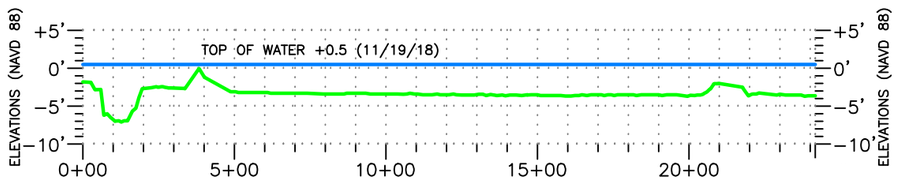
TRANSECT 455+00

(STA. 0+00 – TO STA. 24+89)



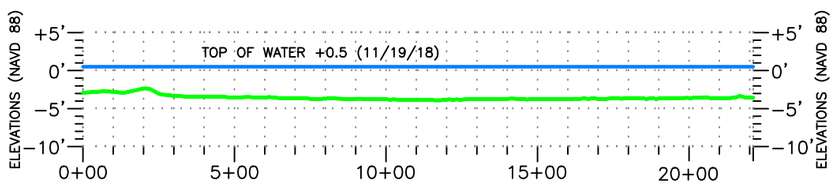
TRANSECT 452+50

(STA. 0+00 – TO STA. 23+79)



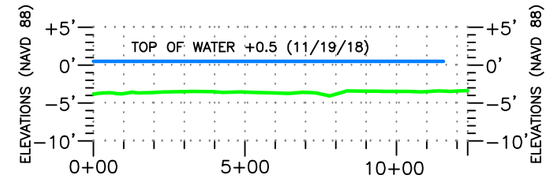
TRANSECT STA. 450+00

(STA. 0+00 – TO STA. 24+17)



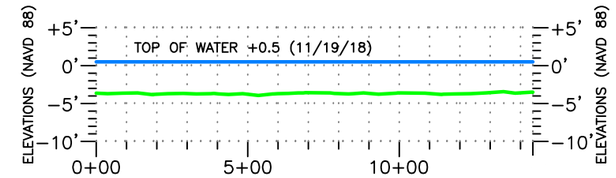
TRANSECT 447+50

(STA. 0+00 – TO STA. 22+11)



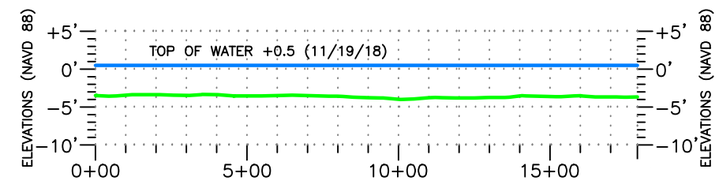
TRANSECT 470+00

(STA. 0+00 – TO STA. 12+34)



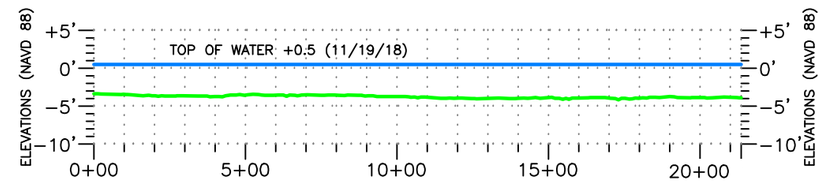
TRANSECT 467+50

(STA. 0+00 – TO STA. 14+40)



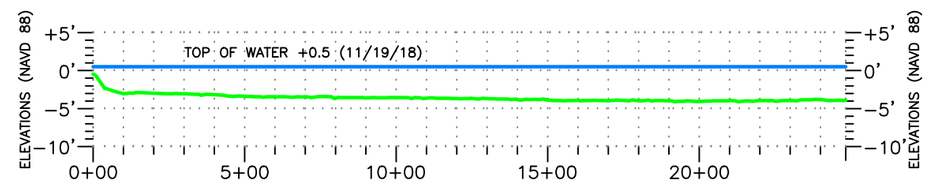
TRANSECT 465+00

(STA. 0+00 – TO STA. 17+88)



TRANSECT 462+50

(STA. 0+00 – TO STA. 21+36)



TRANSECT 460+00

(STA. 0+00 – TO STA. 24+83)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

Morris P. Hebert, Inc.
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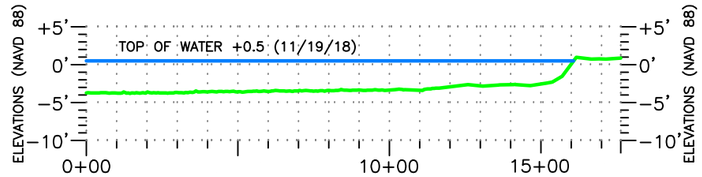
TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 447+50 TO STA. 470+00
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

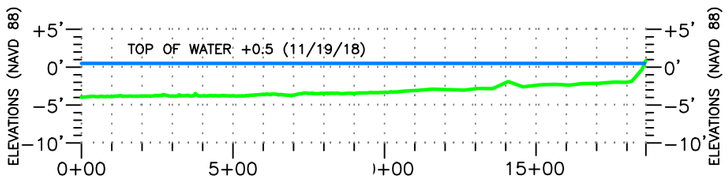
DRAWN BY:	TPC	SHEET:	33 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 13 – 00a0.dwg PLOT DATE: 1/18/19 4:14:20pr



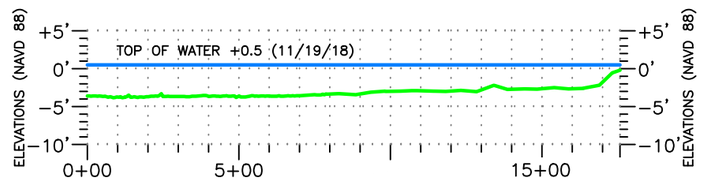
TRANSECT 482+50

(STA. 0+00 – TO STA. 17+63)



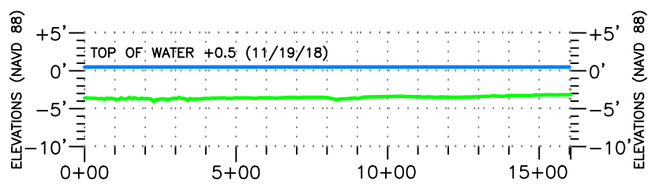
TRANSECT 480+00

(STA. 0+00 – TO STA. 18+62)



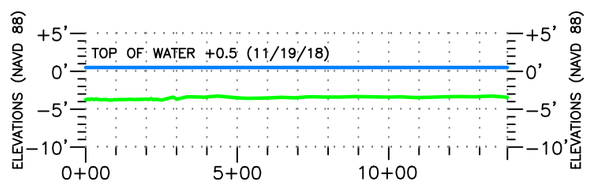
TRANSECT 477+50

(STA. 0+00 – TO STA. 17+57)



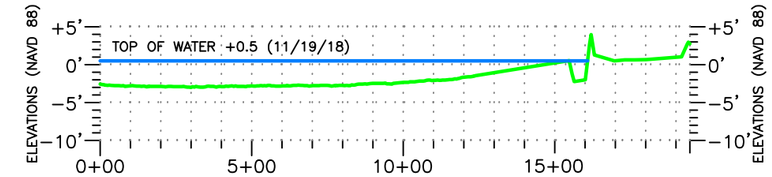
TRANSECT 475+00

(STA. 0+00 – TO STA. 16+04)



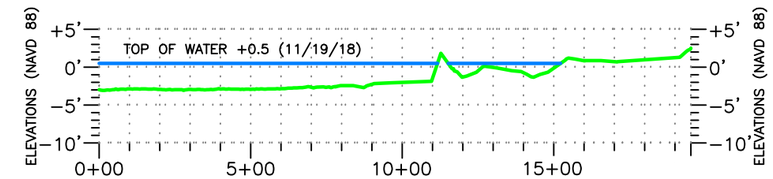
TRANSECT 472+50

(STA. 0+00 – TO STA. 13+92)



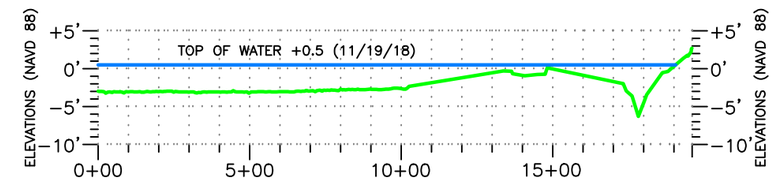
TRANSECT 495+00

(STA. 0+00 – TO STA. 19+46)



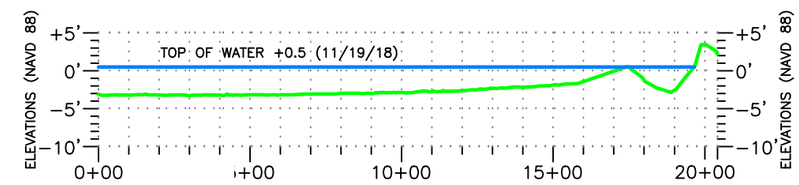
TRANSECT 492+50

(STA. 0+00 – TO STA. 19+53)



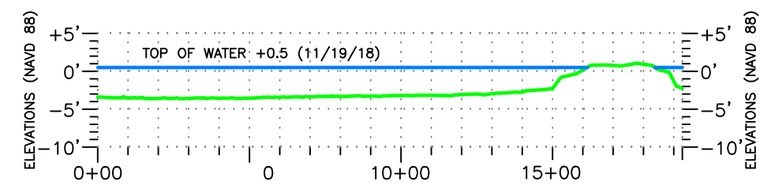
TRANSECT 490+00

(STA. 0+00 – TO STA. 19+60)



TRANSECT 487+50

(STA. 0+00 – TO STA. 20+42)



TRANSECT 485+00

(STA. 0+00 – TO STA. 19+28)

HORIZONTAL GRAPHIC SCALE

0' 250' 500' 1000' 2000'

0' 10' 20' 40' 60'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

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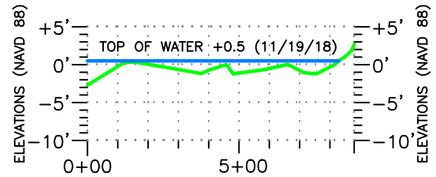
TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH CROSS SECTIONS TRANSECT STA. 472+50 TO STA. 495+00
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

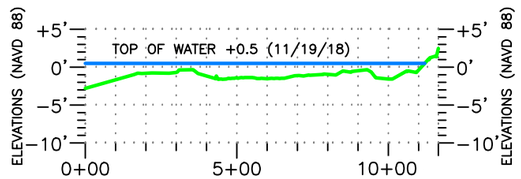
DRAWN BY:	TPC	SHEET:	34 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 13 – 00a0.dwg PLOT DATE: 1/18/19 4:19:48pr



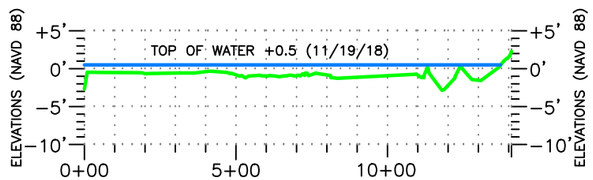
TRANSECT 507+50

(STA. 0+00 – TO STA. 8+80)



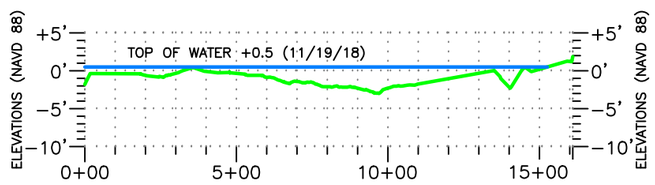
TRANSECT 505+00

(STA. 0+00 – TO STA. 11+65)



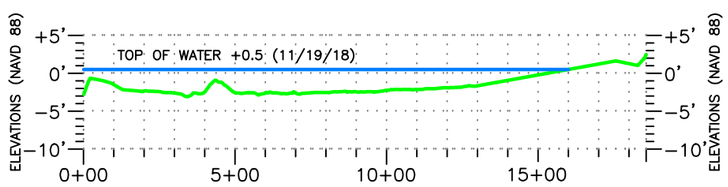
TRANSECT 502+50

(STA. 0+00 – TO STA. 14+09)



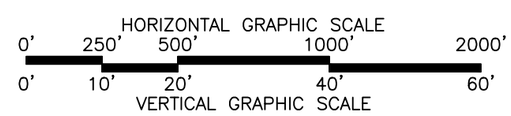
TRANSECT 500+00

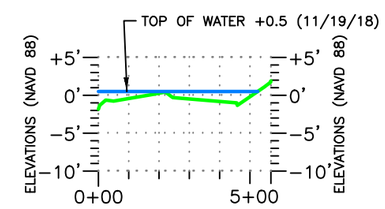
(STA. 0+00 – TO STA. 16+10)



TRANSECT 497+50

(STA. 0+00 – TO STA. 18+57)





TRANSECT 510+00

(STA. 0+00 – TO STA. 5+69)

NOTE: TRANSECTS ARE LOOKING EASTERLY

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MARSH CROSS SECTIONS TRANSECT STA. 497+50 TO STA. 510+00
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	35 OF 86
CHKD./APPD. BY: JCM		SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 13 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 13 – 00a0.dwg PLOT DATE: 1/18/19 4:20:33pr

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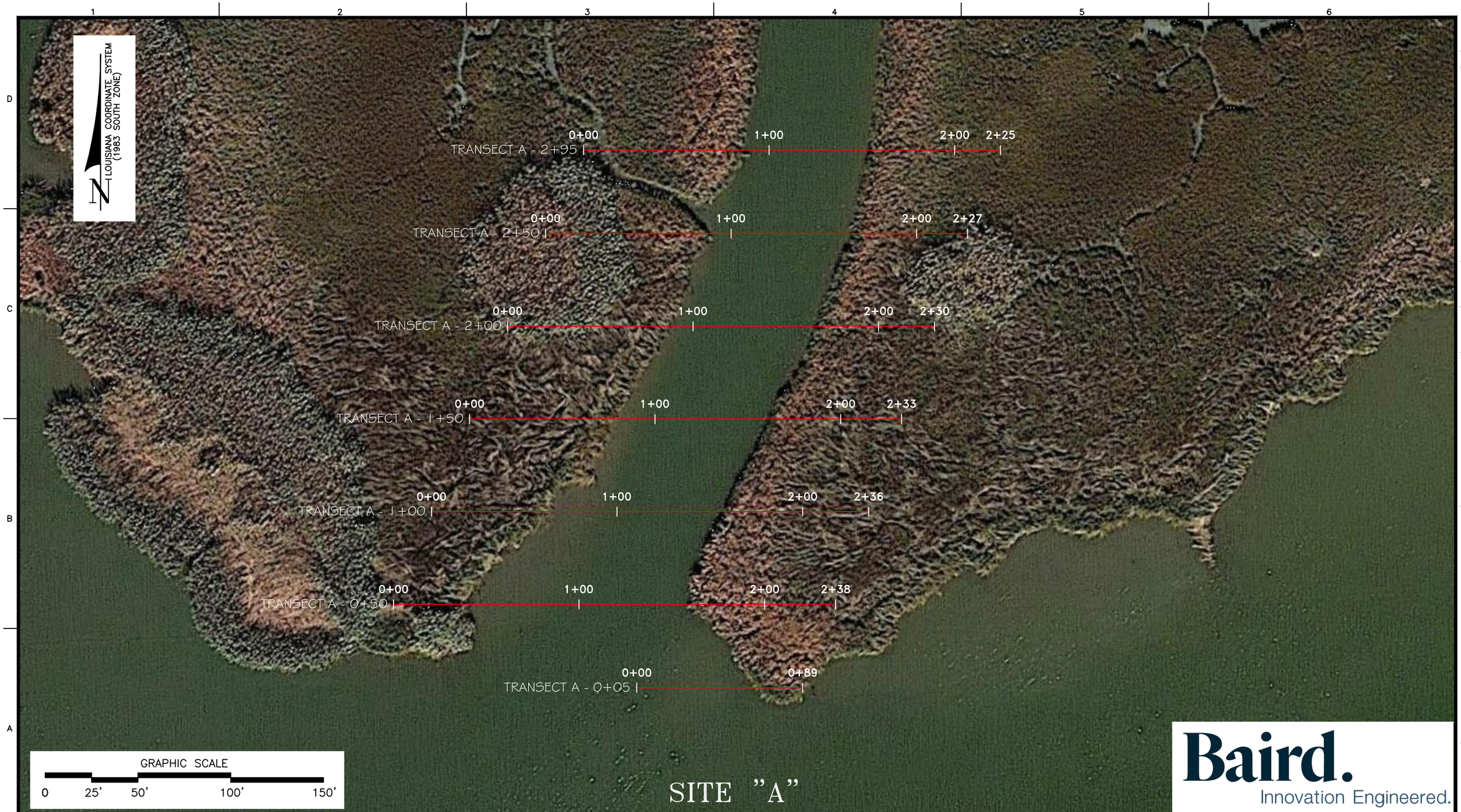
OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MARSH TRANSECTS – PLAN OVERVIEW (SITES "A" THRU "E")
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	36 OF 86
CHKD./APPD. BY: JCM		SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

P:\01-Survey_Projects\State of Louisiana\13002 - W.F. Baird - Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 36 - 00a0.dwg PLOT DATE: 1/18/19 3:19:09pr



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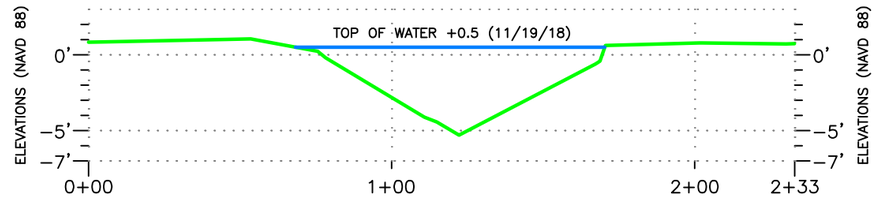
OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

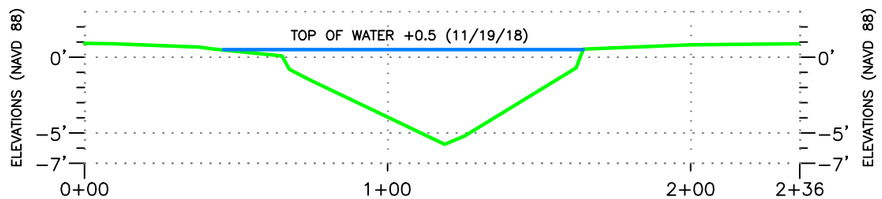
MARSH TRANSECTS – SITE "A" PLAN OVERVIEW (TRANSECT 0+05 THRU 2+95)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	37 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

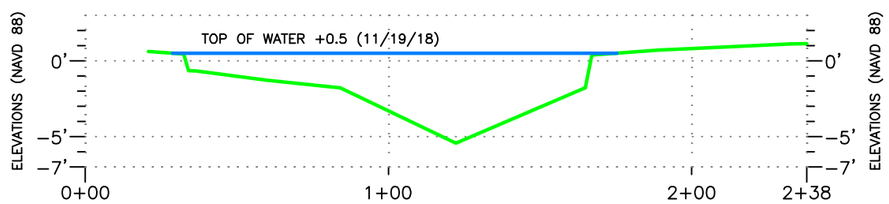
P:\01-Survey_Projects\State of Louisiana\13002 - W.F. Baird - Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 36 - 00a0.dwg PLOT DATE: 1/18/19 3:20:42pr



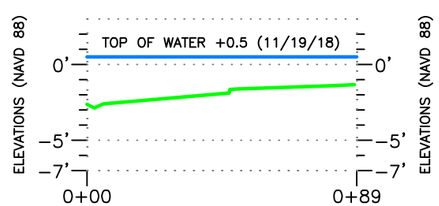
TRANSECT A – 1+50
(STA. 0+00 – TO STA. 2+33)



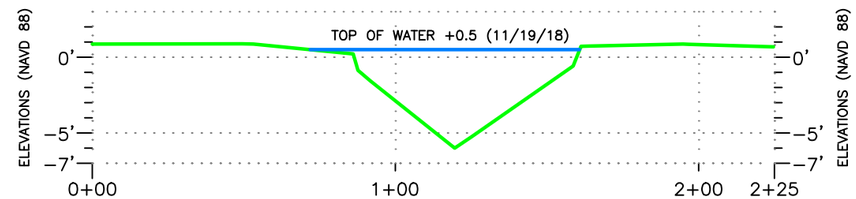
TRANSECT A – 1+00
(STA. 0+00 – TO STA. 2+36)



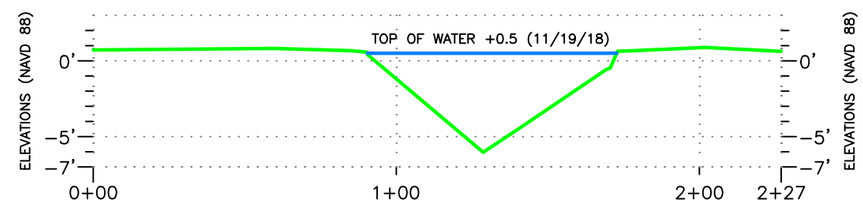
TRANSECT A – 0+50
(STA. 0+00 – TO STA. 2+38)



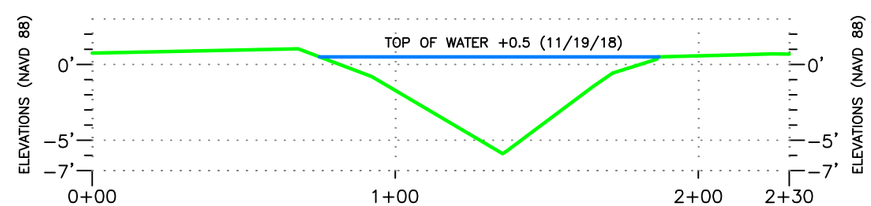
TRANSECT A – 0+05
(STA. 0+00 – TO STA. 0+89)



TRANSECT A – 2+95
(STA. 0+00 – TO STA. 2+25)



TRANSECT A – 2+50
(STA. 0+00 – TO STA. 2+27)



TRANSECT A – 2+00
(STA. 0+00 – TO STA. 2+30)

HORIZONTAL GRAPHIC SCALE
0' 25' 50' 100' 200'
0' 5' 10' 20' 30'
VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING NORTHERLY

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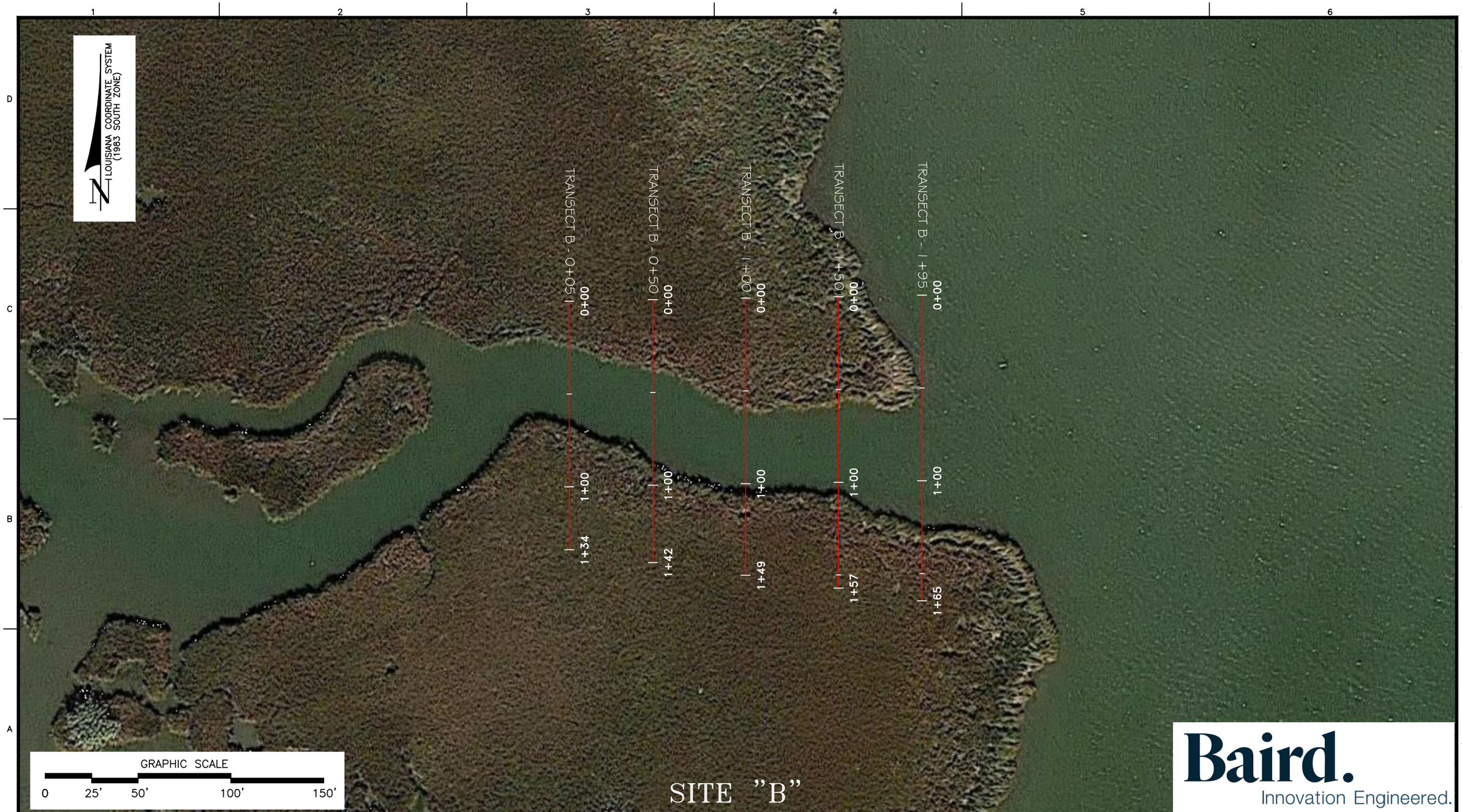
TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

SITE "A" – TRANSECT STA. 0+05 THRU STA. 2+95
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	38 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 36 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 36 – 00a0.dwg PLOT DATE: 1/18/19 3:22:41pr



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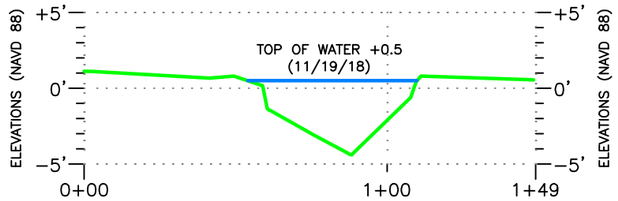
OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

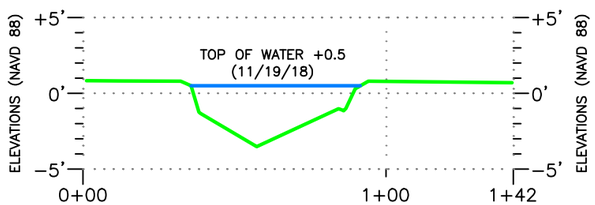
MARSH TRANSECTS – SITE "B" PLAN OVERVIEW (TRANSECT 0+05 THRU 1+95)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	39 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

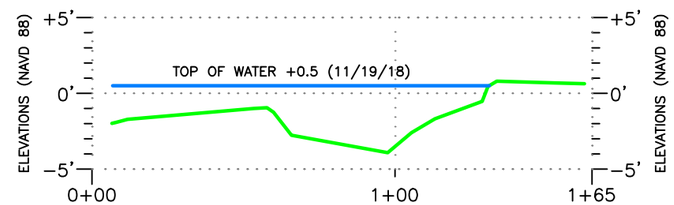
P:\01-Survey_Projects\State of Louisiana\13002 - W.F. Baird - Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 36 - 00a0.dwg PLOT DATE: 1/18/19 3:23:43pr



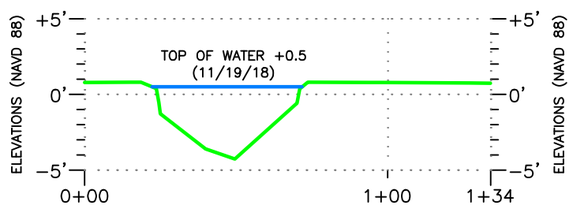
TRANSECT B – 1+00
(STA. 0+00 – TO STA. 1+49)



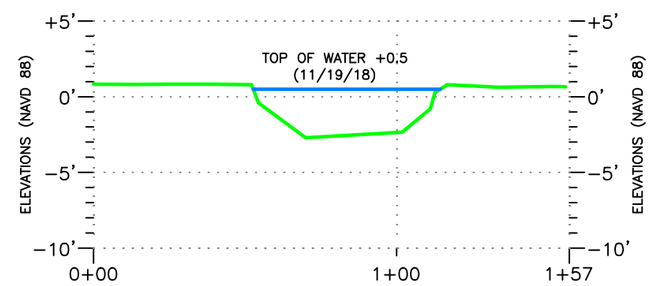
TRANSECT B – 0+50
(STA. 0+00 – TO STA. 1+42)



TRANSECT B – 1+95
(STA. 0+00 – TO STA. 1+65)



TRANSECT B – 0+05
(STA. 0+00 – TO STA. 1+34)



TRANSECT B – 1+50
(STA. 0+00 – TO STA. 1+57)

HORIZONTAL GRAPHIC SCALE
0' 25' 50' 100' 200'
0' 5' 10' 20' 30'
VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

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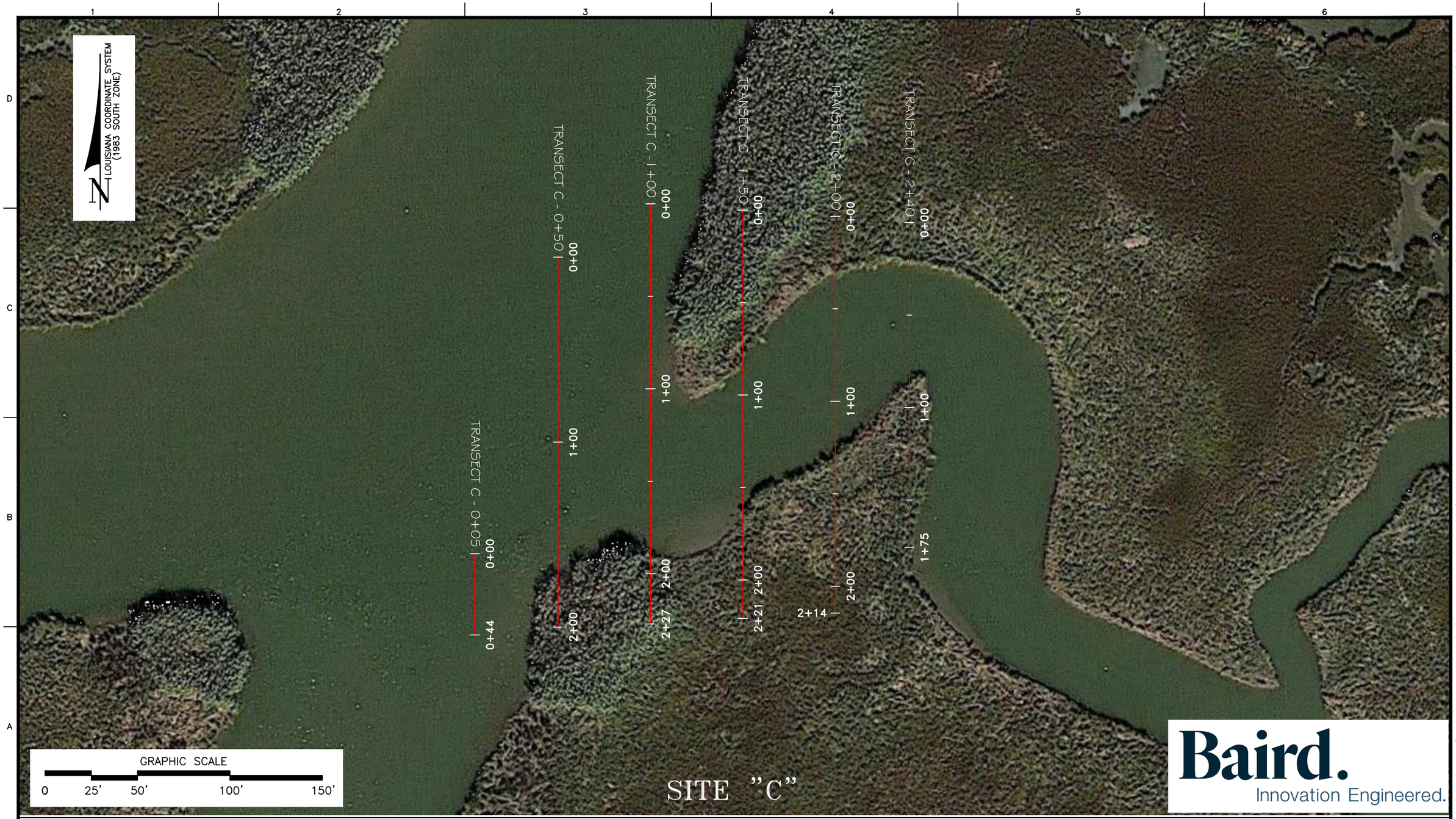
OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

SITE "B" – TRANSECT STA. 0+05 THRU 1+95
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	40 OF 86
CHKD./APPD. BY: JCM		SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 36 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 36 – 00a0.dwg PLOT DATE: 1/18/19 3:24:57pr



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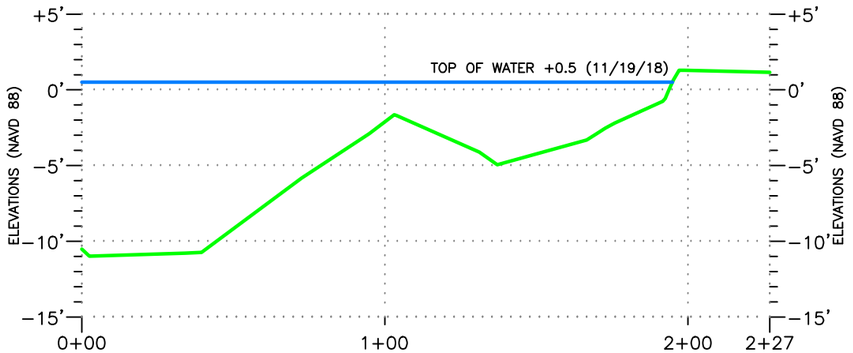
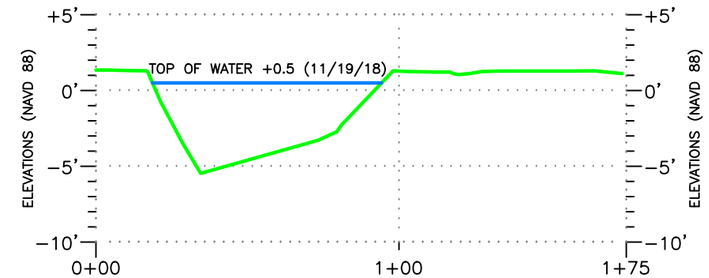
MARSH TRANSECTS – SITE "C" PLAN OVERVIEW (TRANSECT 0+05 THRU 2+40)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	41 OF 86
CHKD./APPD. BY: JCM		SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

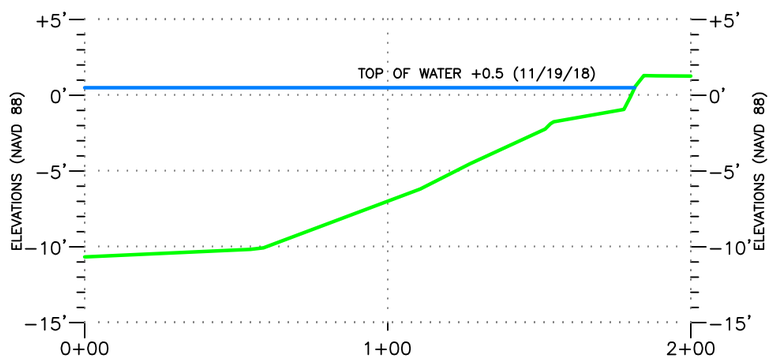
P:\01-Survey_Projects\State of Louisiana\13002 - W.F. Baird - Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 36 - 00a0.dwg PLOT DATE: 1/18/19 3:25:37pr



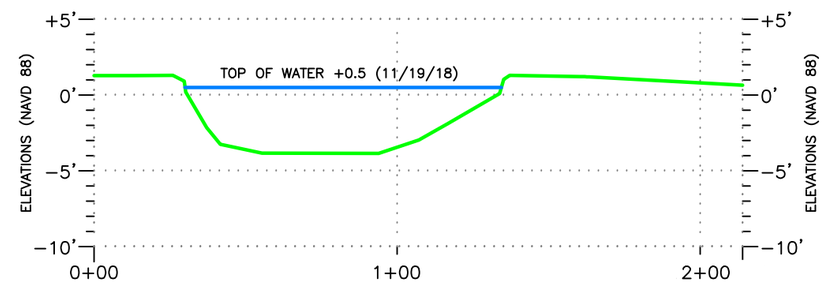
TRANSECT C – 1+00
(STA. 0+00 – TO STA. 2+27)



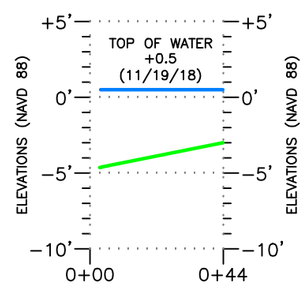
TRANSECT C – 2+40
(STA. 0+00 – TO STA. 1+75)



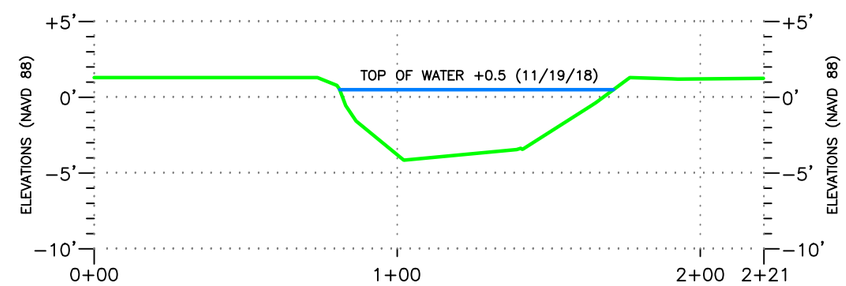
TRANSECT C – 0+50
(STA. 0+00 – TO STA. 2+00)



TRANSECT C – 2+00
(STA. 0+00 – TO STA. 2+14)



TRANSECT C – 0+05
(STA. 0+00 – TO STA. 0+44)



TRANSECT C – 1+50
(STA. 0+00 – TO STA. 2+21)

HORIZONTAL GRAPHIC SCALE
0' 25' 50' 100' 200'
0' 5' 10' 20' 30'
VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING EASTERLY

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TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

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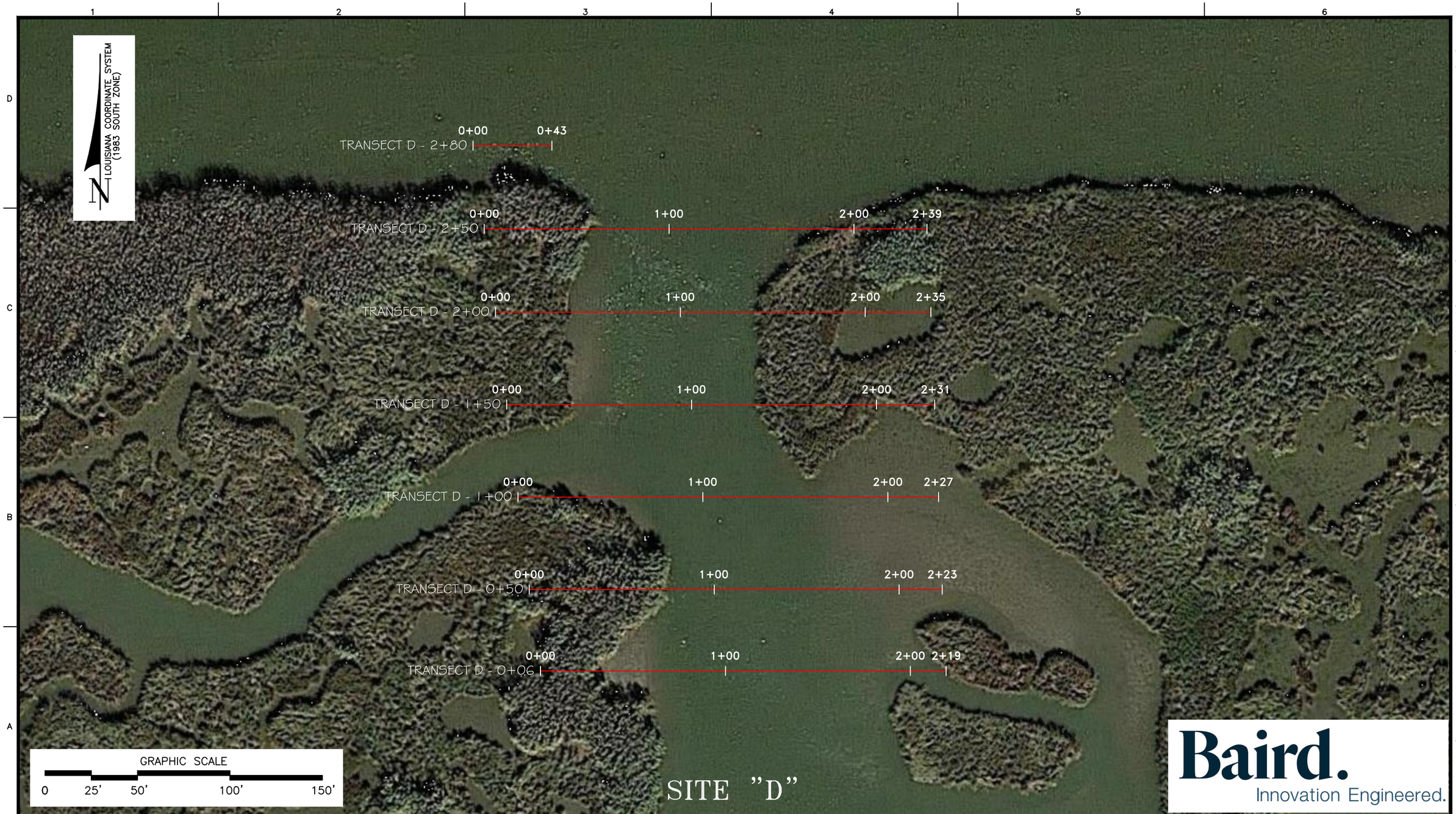
SITE "C" – TRANSECT STA. 0+05 THRU STA. 2+40
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	42 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 36 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 36 – 00a0.dwg PLOT DATE: 1/18/19 3:28:42pr



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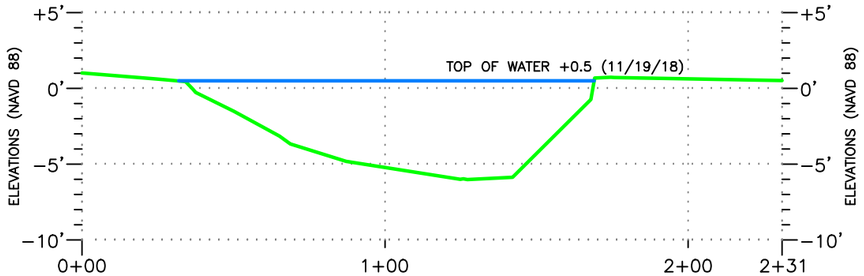
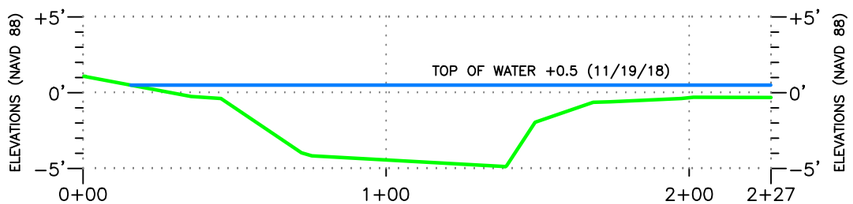
MARSH TRANSECTS – SITE "D" PLAN OVERVIEW (TRANSECT 0+06 THRU 2+80)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	43 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

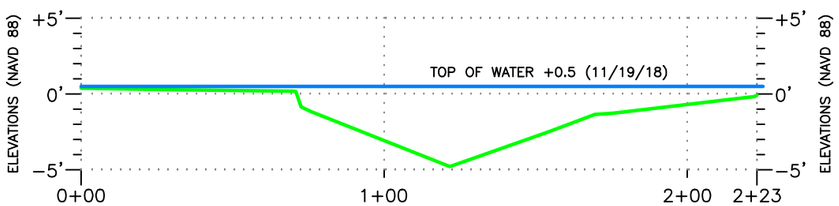
P:\01-Survey_Projects\State of Louisiana\13002 - W.F. Baird - Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 36 - 00a0.dwg PLOT DATE: 1/18/19 3:30:24pr



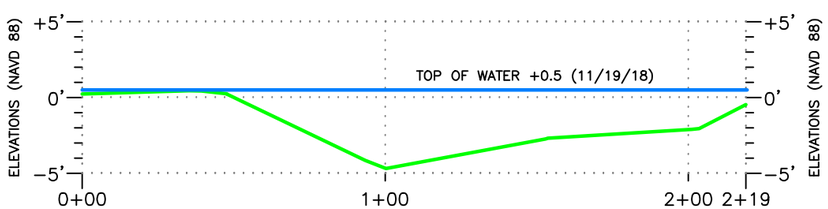
TRANSECT D – 1+50
(STA. 0+00 – TO STA. 2+31)



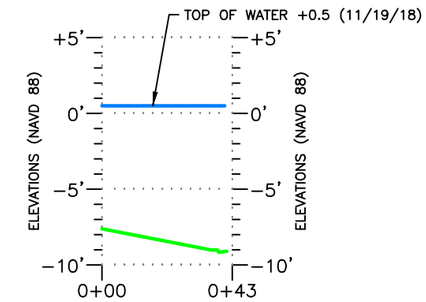
TRANSECT D – 1+00
(STA. 0+00 – TO STA. 2+27)



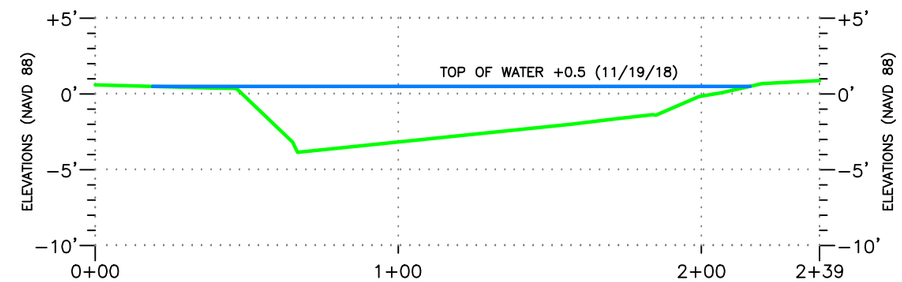
TRANSECT D – 0+50
(STA. 0+00 – TO STA. 2+23)



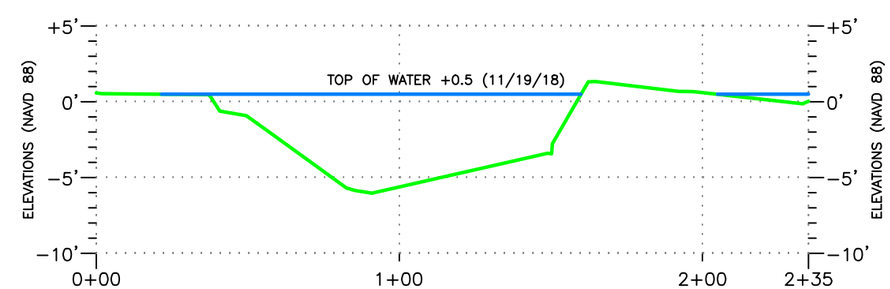
TRANSECT D – 0+06
(STA. 0+00 – TO STA. 2+19)



TRANSECT D – 2+80
(STA. 0+00 – TO STA. 0+43)



TRANSECT D – 2+50
(STA. 0+00 – TO STA. 2+39)



TRANSECT D – 2+00
(STA. 0+00 – TO STA. 2+35)

HORIZONTAL GRAPHIC SCALE
0' 25' 50' 100' 200'
0' 5' 10' 20' 30'
VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING NORTHERLY

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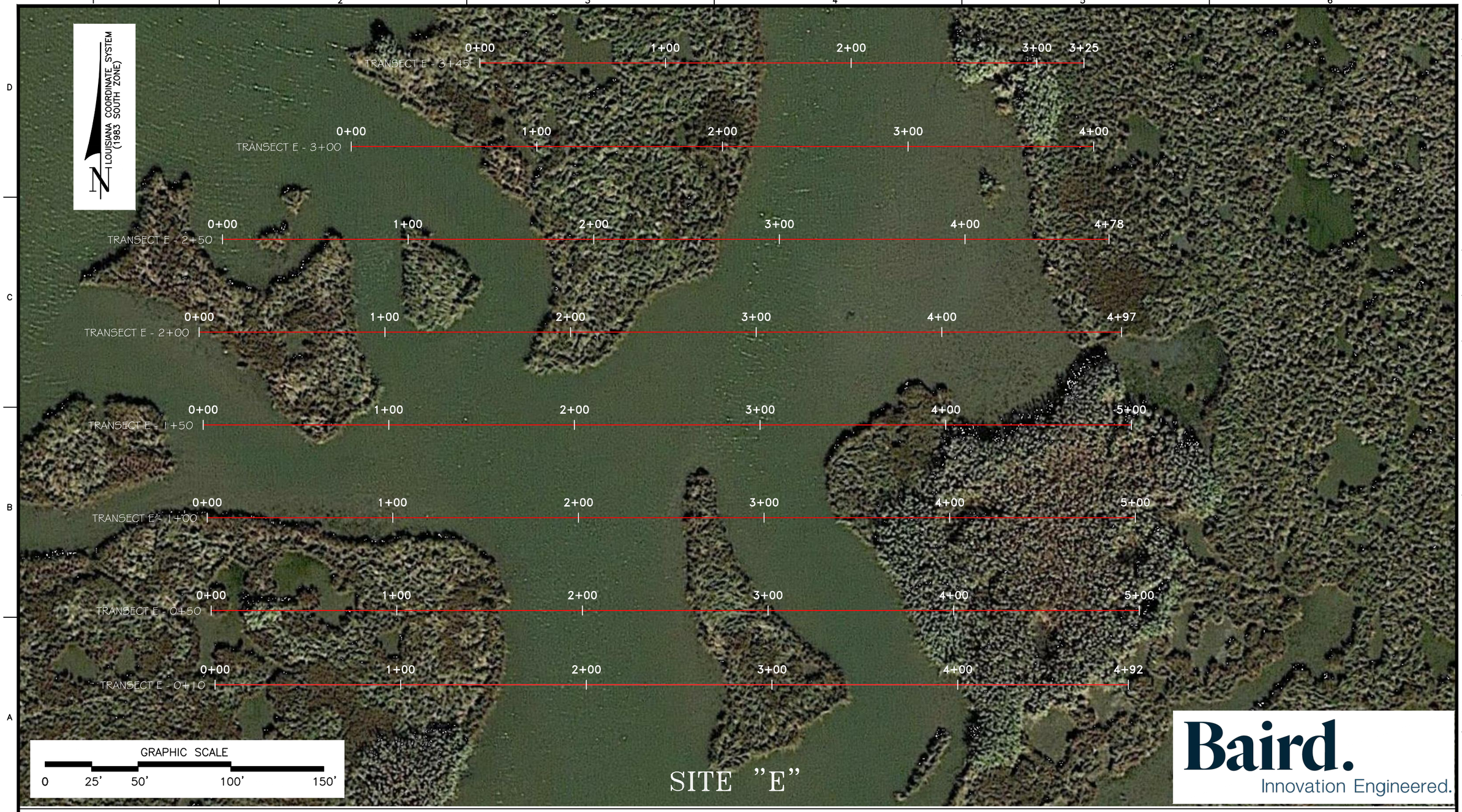
OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

SITE "D" – TRANSECT 0+06 THRU 2+80
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	44 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 36 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 36 – 00a0.dwg PLOT DATE: 1/18/19 3:31:08pr



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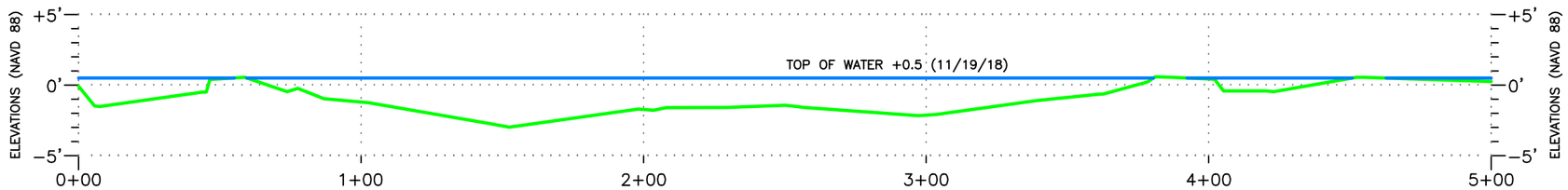
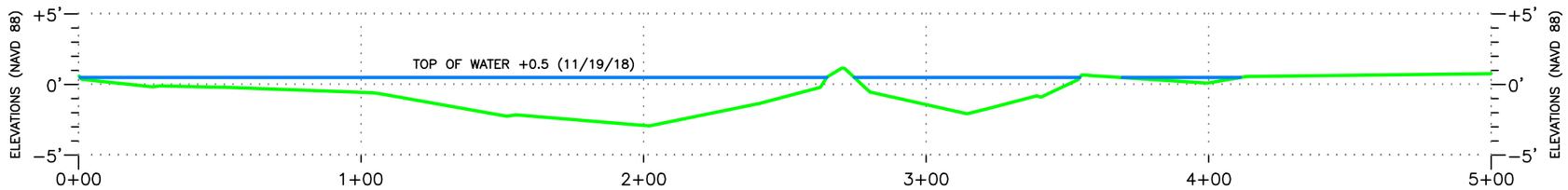
MARSH TRANSECTS – SITE "E" PLAN OVERVIEW (TRANSECT 0+10 THRU 3+45)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	45 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

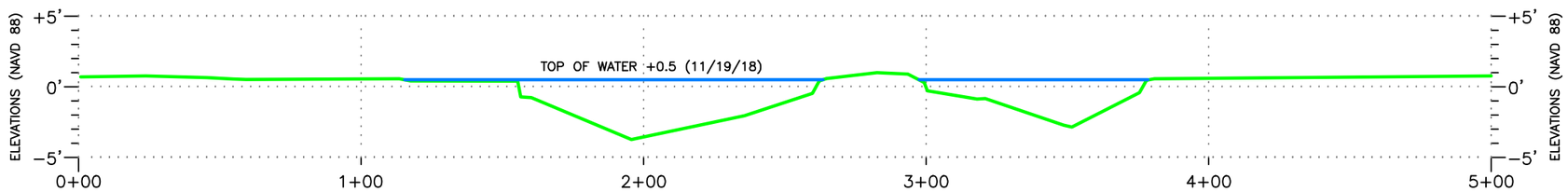
P:\01-Survey_Projects\State of Louisiana\13002 - W.F. Baird - Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 36 - 00a0.dwg PLOT DATE: 1/18/19 3:32:31pr



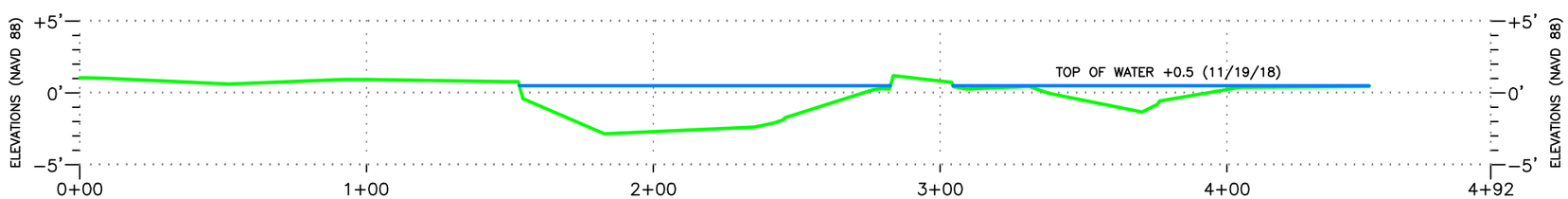
TRANSECT E – 1+50
(STA. 0+00 – TO STA. 5+00)



TRANSECT E – 1+00
(STA. 0+00 – TO STA. 5+00)



TRANSECT E – 0+50
(STA. 0+00 – TO STA. 5+00)



TRANSECT E – 0+10
(STA. 0+00 – TO STA. 4+92)

HORIZONTAL GRAPHIC SCALE
0' 25' 50' 100' 200'
0' 5' 10' 20' 30'
VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING NORTHERLY

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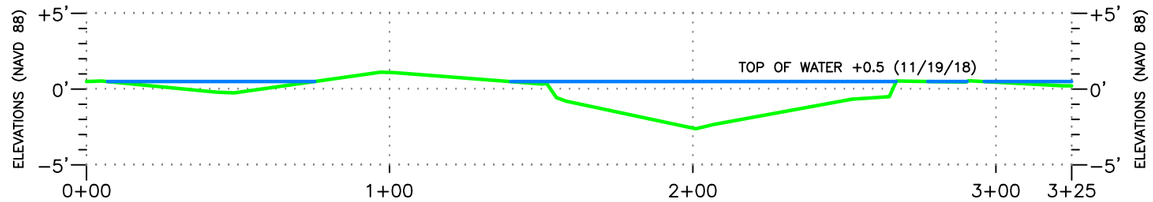
SITE "E" – TRANSECT STA. 0+10 THRU STA. 1+50
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

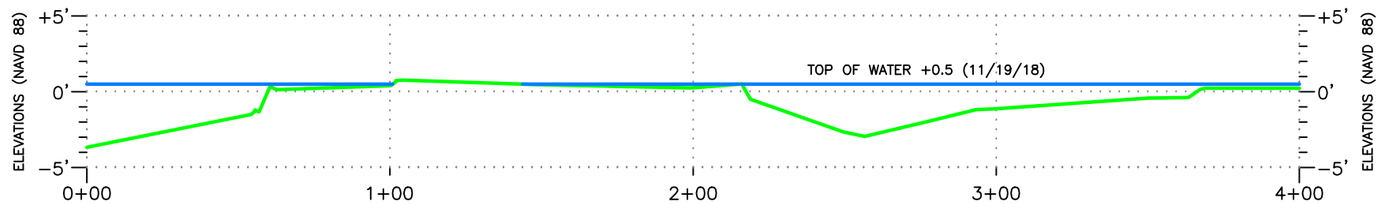
DRAWN BY:	TPC	SHEET:	46 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 36 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 - W.F. Baird - Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 36 - 00a0.dwg PLOT DATE: 1/18/19 3:33:22pr



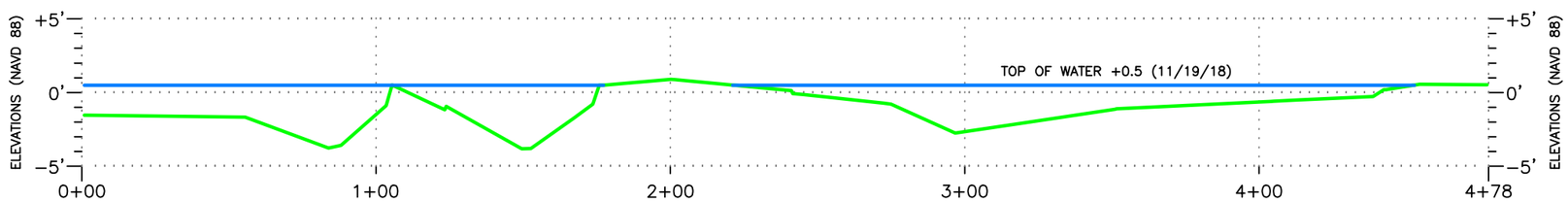
TRANSECT E – 3+45

(STA. 0+00 – TO STA. 3+25)



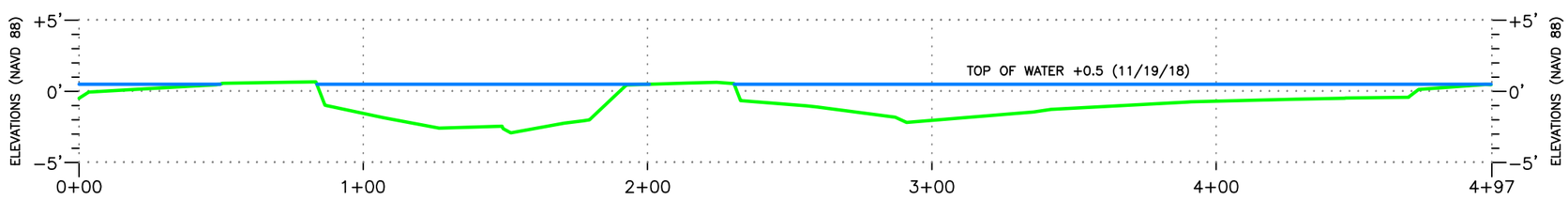
TRANSECT E – 3+00

(STA. 0+00 – TO STA. 4+00)



TRANSECT E – 2+50

(STA. 0+00 – TO STA. 4+78)



TRANSECT E – 2+00

(STA. 0+00 – TO STA. 4+97)

HORIZONTAL GRAPHIC SCALE

0' 25' 50' 100' 200'

0' 5' 10' 20' 30'

VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING NORTHERLY

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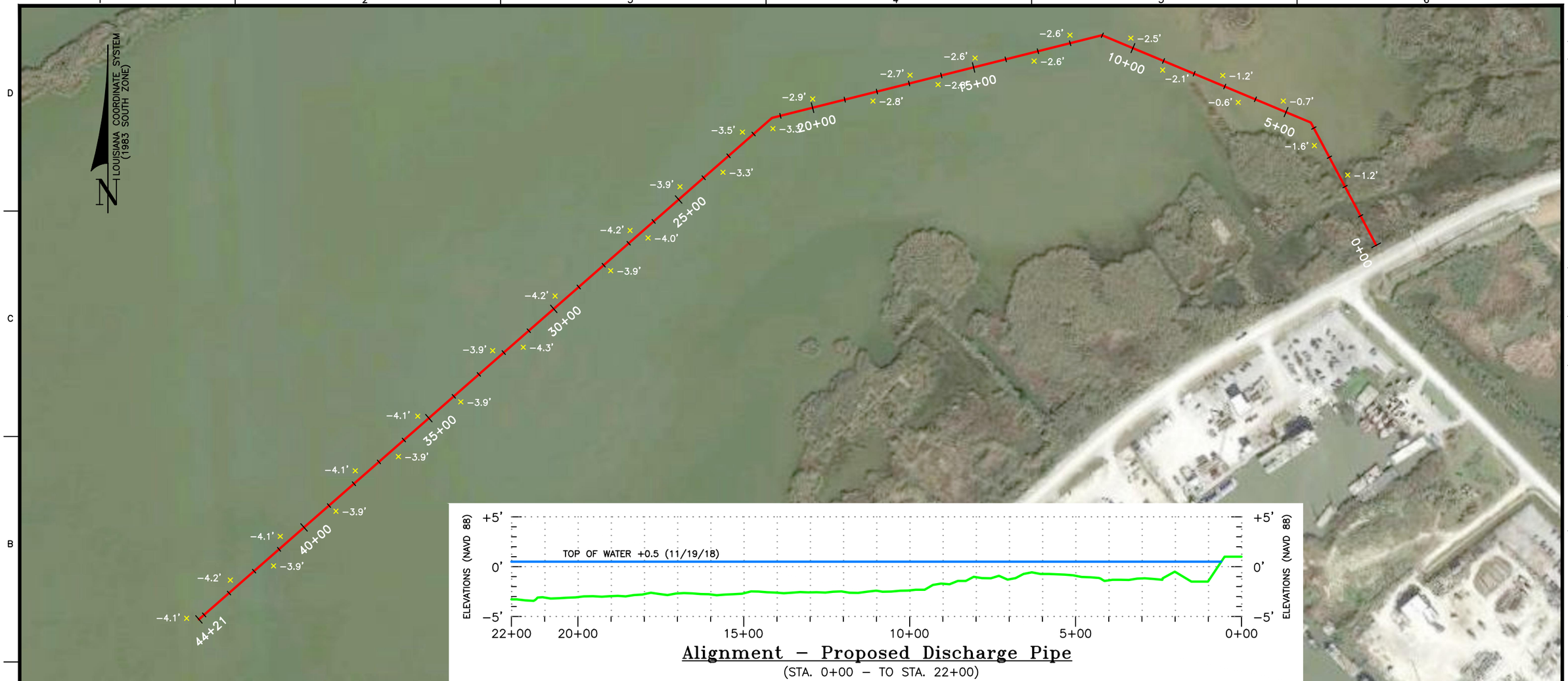
SITE "E" – TRANSECT STA. 2+00 THRU STA. 3+45
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

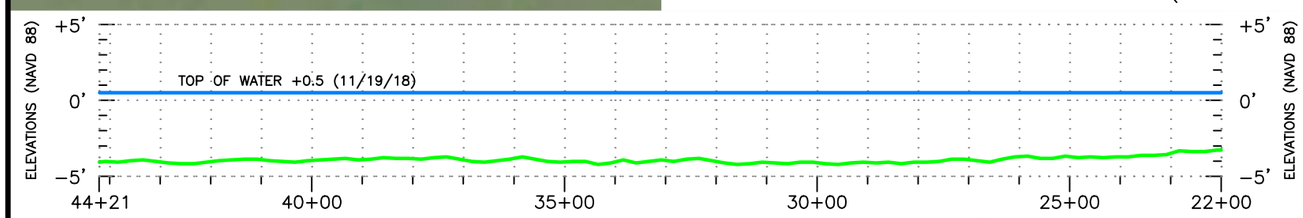
DRAWN BY:	TPC	SHEET:	47 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_SHT 36 – 00A0.DWG			

P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 36 – 00a0.dwg PLOT DATE: 1/18/19 3:34:15pr



Alignment – Proposed Discharge Pipe

(STA. 0+00 – TO STA. 22+00)



Alignment – Proposed Discharge Pipe

(STA. 22+00 – TO STA. 44+21)

HORIZONTAL GRAPHIC SCALE
0 150' 300' 600'
0 5' 10' 20'
VERTICAL GRAPHIC SCALE

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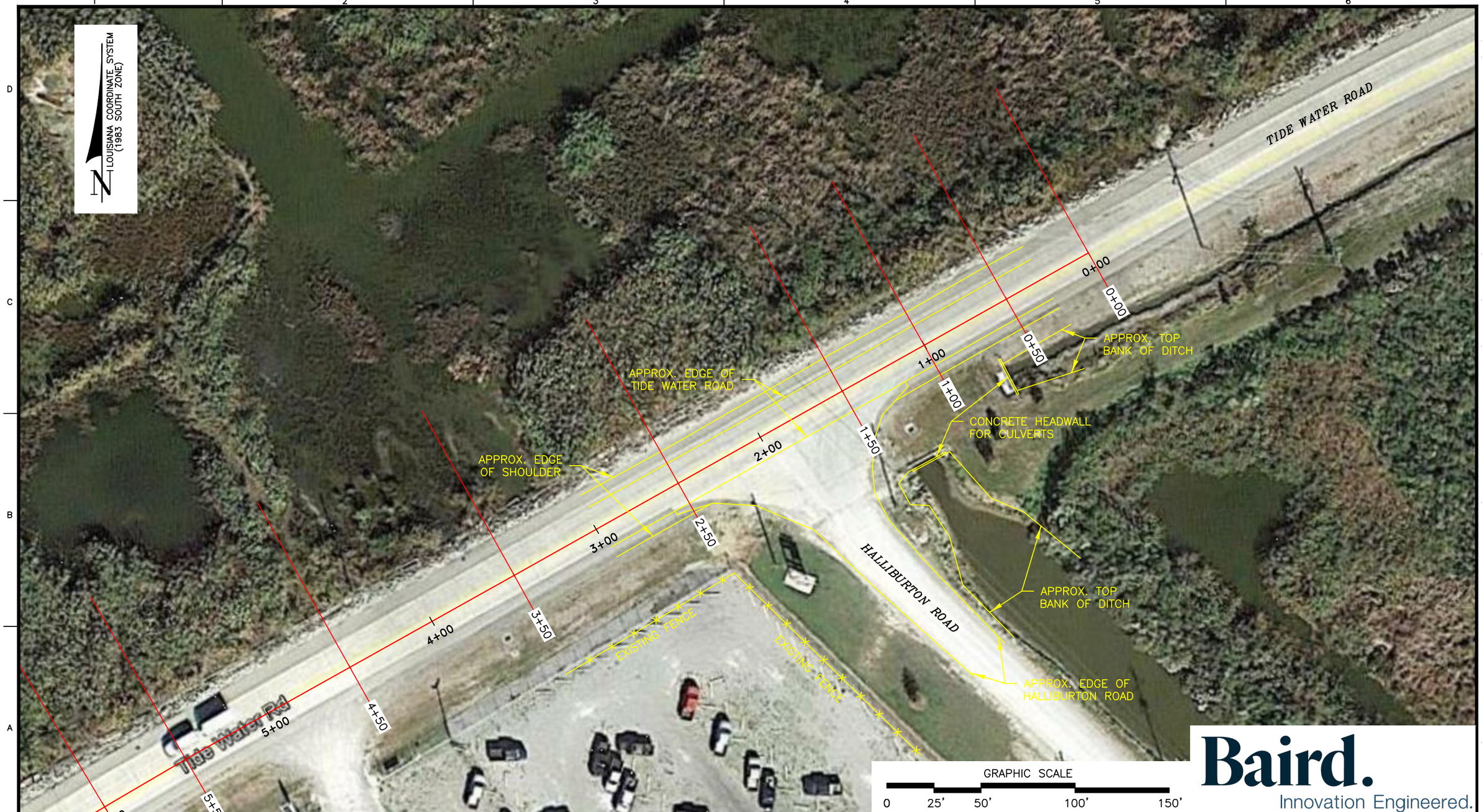
PROPOSED DISCHARGE PIPE – PLAN OVERVIEW & C/L PROFILE
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY: TPC	SHEET: 48 OF 86
CHKD./APPD. BY: JCM	SCALE: AS SHOWN
UPDATED BY:	DATE: 07/18/18
DATA BASE:	JOB NO. 13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg	

P:\01-Survey_Projects\State of Louisiana\13002 - W.F. Baird - Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 48 - 00a0.dwg PLOT DATE: 1/18/19 3:37:51pr



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PLAN OVERVIEW – TIDE WATER ROAD (0+00 THRU 5+00)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	49 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

P:\01-Survey_Projects\State of Louisiana\13002 - W.F. Baird - Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 48 - 00a0.dwg PLOT DATE: 1/18/19 3:39:13pr

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PLAN OVERVIEW – TIDE WATER ROAD (5+00 THRU 11+00)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	50 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

P:\01-Survey_Projects\State of Louisiana\13002 - W.F. Baird - Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 48 - 00a0.dwg PLOT DATE: 1/18/19 3:40:32pr

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OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

PLAN OVERVIEW – TIDE WATER ROAD (11+00 THRU 16+00)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	51 OF 86
CHKD./APPD. BY: JCM		SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

P:\01-Survey_Projects\State of Louisiana\13002 - W.F. Baird - Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 48 - 00a0.dwg PLOT DATE: 1/18/19 3:41:42pr

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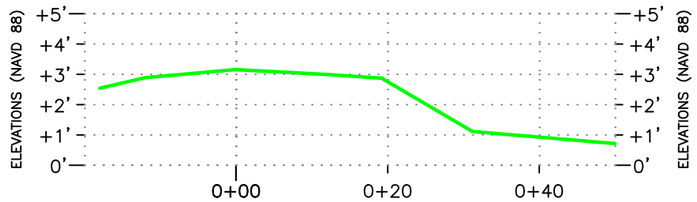
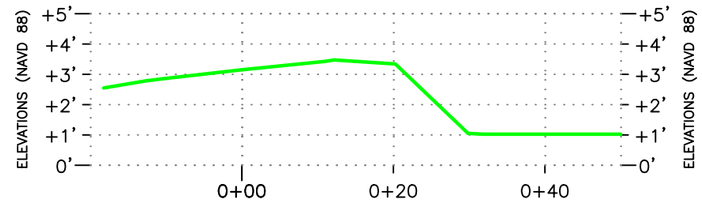
PLAN OVERVIEW – TIDE WATER (16+00 THRU 21+59)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	52 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

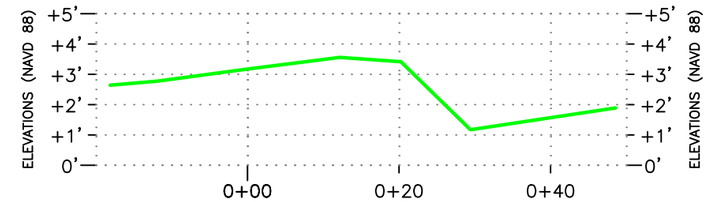
P:\01-Survey_Projects\State of Louisiana\13002 - W.F. Baird - Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 48 - 00a0.dwg PLOT DATE: 1/18/19 3:43:01pr



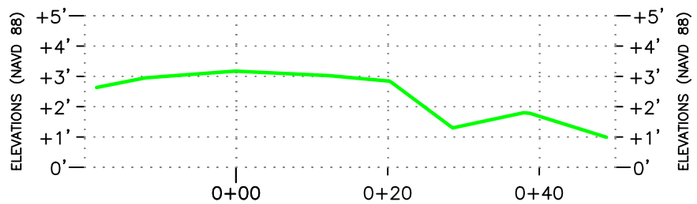
CROSS SECTION @ 2+50



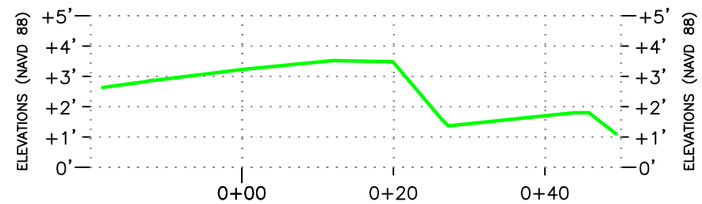
CROSS SECTION @ 6+00



CROSS SECTION @ 9+41



CROSS SECTION @ 1+50



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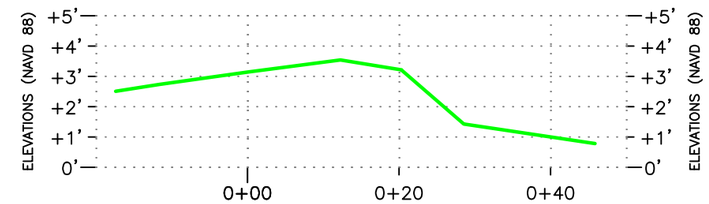

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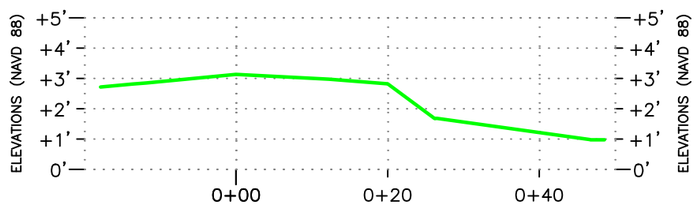

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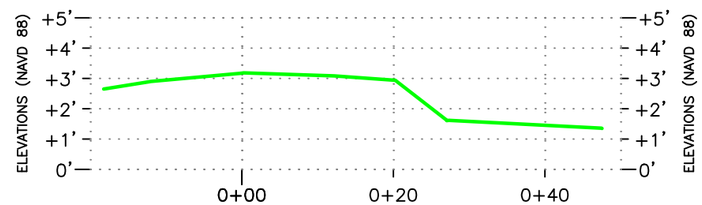

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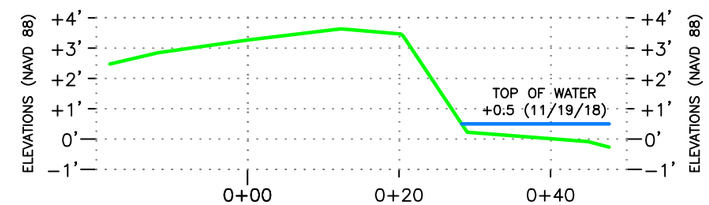
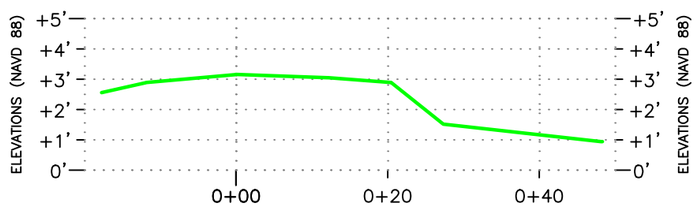
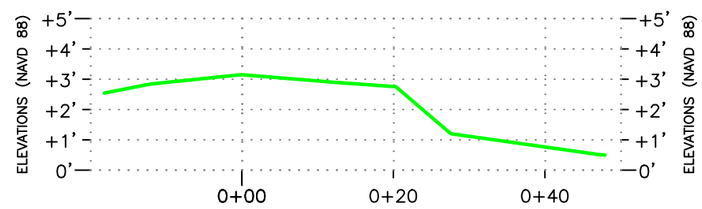


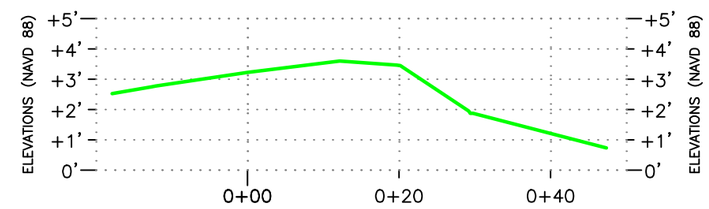
CROSS SECTION @ 7+66



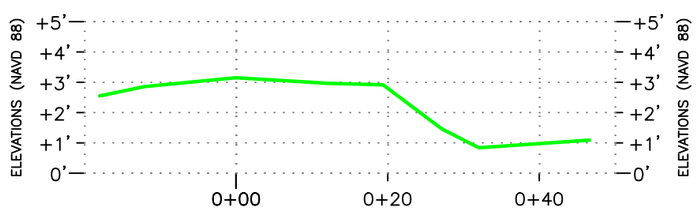
CROSS SECTION @ 0+50



CROSS SECTION @ 3+50

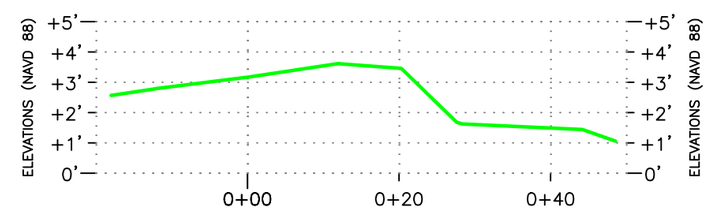


CROSS SECTION @ 7+50



CROSS SECTION @ 0+00

HORIZONTAL GRAPHIC SCALE
0' 10' 20' 40' 60'
0' 2.5' 5' 10' 15'
VERTICAL GRAPHIC SCALE



CROSS SECTION @ 6+50

NOTE: TRANSECTS ARE LOOKING SOUTHWESTERLY

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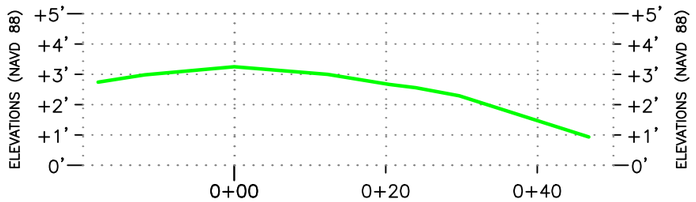
TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

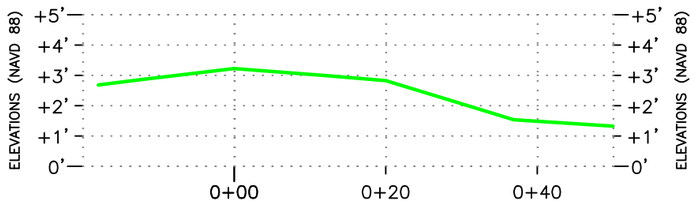
TIDE WATER ROAD – CROSS SECTIONS 0+00 THRU 9+41
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	53 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

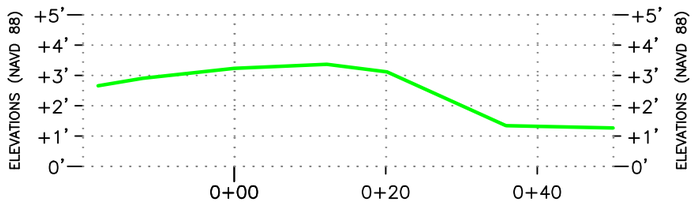
P:\01-Survey_Projects\State of Louisiana\13002 - W.F. Baird - Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\Transects\13002_sht 48 - 00a0.dwg PLOT DATE: 1/18/19 3:47:11pr



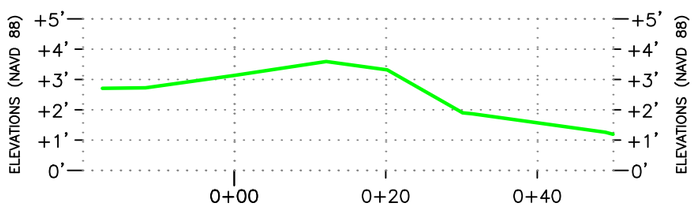
CROSS SECTION @ 13+39



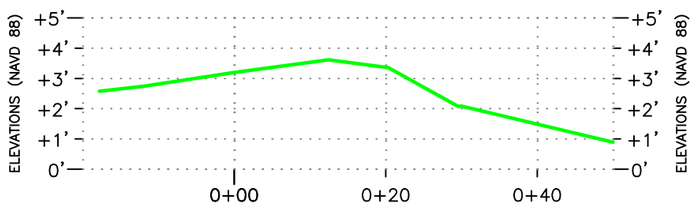
CROSS SECTION @ 12+40



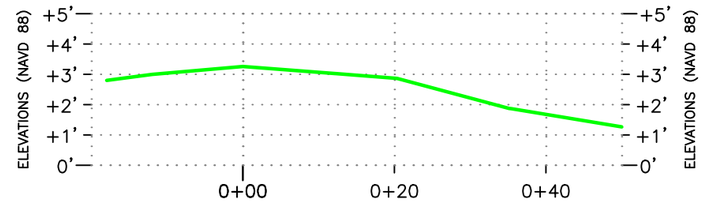
CROSS SECTION @ 11+41



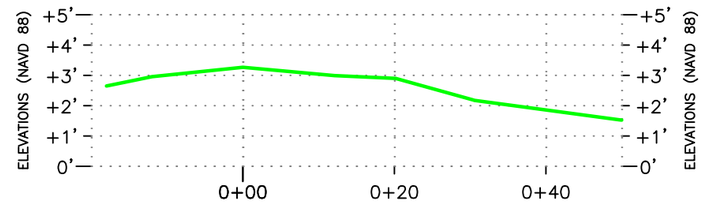
CROSS SECTION @ 10+80



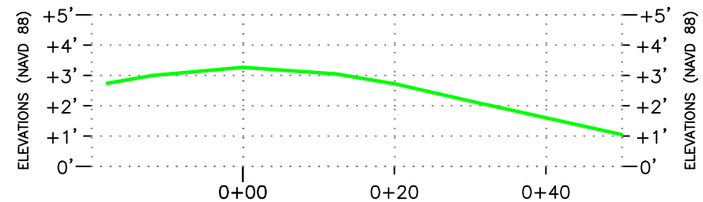
CROSS SECTION @ 10+44



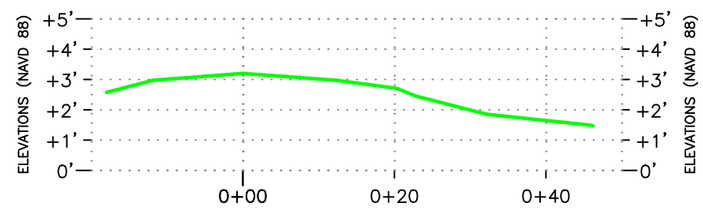
CROSS SECTION @ 17+41



CROSS SECTION @ 16+41



CROSS SECTION @ 15+63



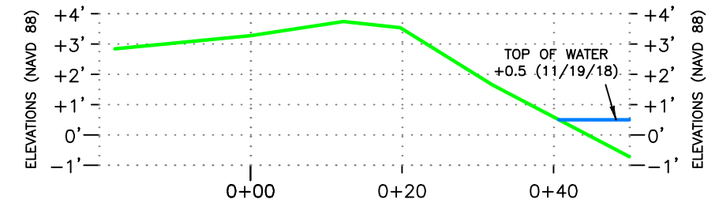
CROSS SECTION @ 14+40

HORIZONTAL GRAPHIC SCALE

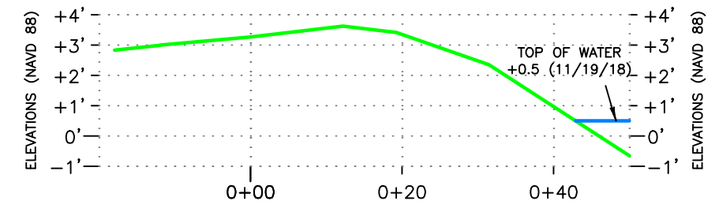
0' 10' 20' 40' 60'

0' 2.5' 5' 10' 15'

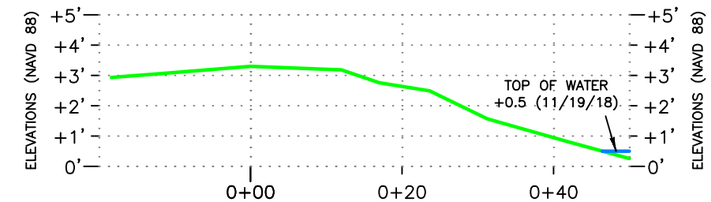
VERTICAL GRAPHIC SCALE



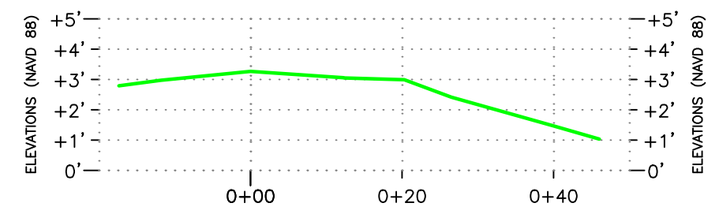
CROSS SECTION @ 21+59



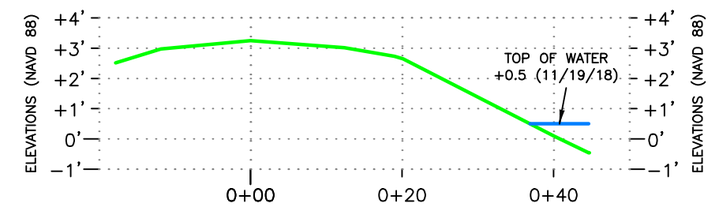
CROSS SECTION @ 21+40



CROSS SECTION @ 20+41



CROSS SECTION @ 19+40



CROSS SECTION @ 18+41

NOTE: TRANSECTS ARE LOOKING SOUTHWESTERLY

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TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

TIDE WATER ROAD – CROSS SECTIONS 10+44 THRU 21+59
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	54 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

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GRAPHIC SCALE

0 1000' 2000' 4000' 6000'

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PLAN OVERVIEW – DDDD
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

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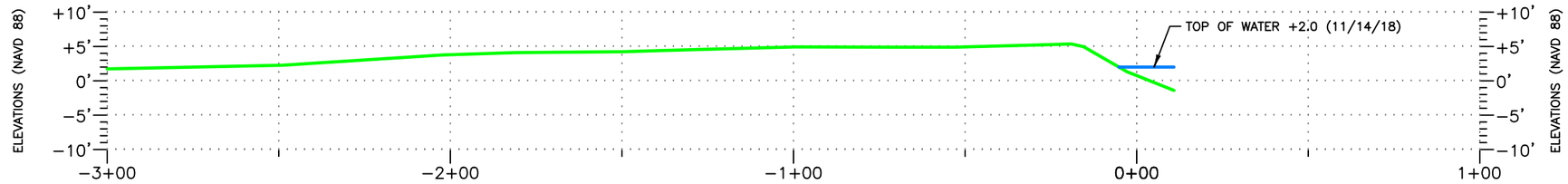
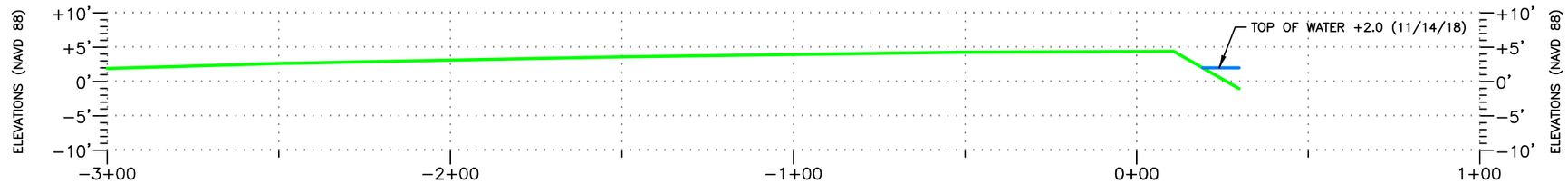
P:\01-Survey_Projects\State of Louisiana\13002 - W.F. Baird - Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\DDDD Borrow Area\13002_sht 55 - 00a0.dwg PLOT DATE: 1/18/19 3:



CROSS SECTION @ 40+00



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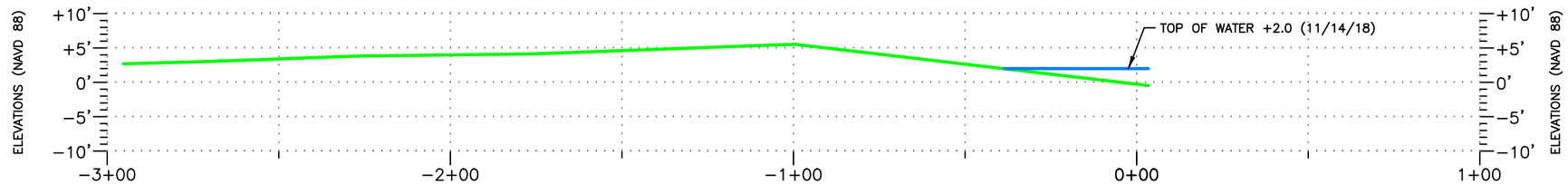
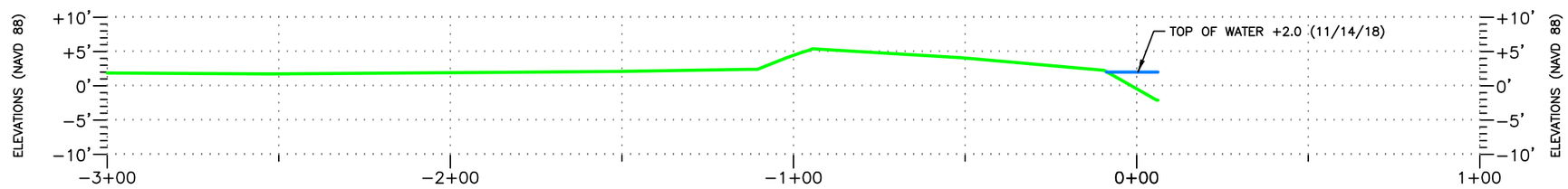
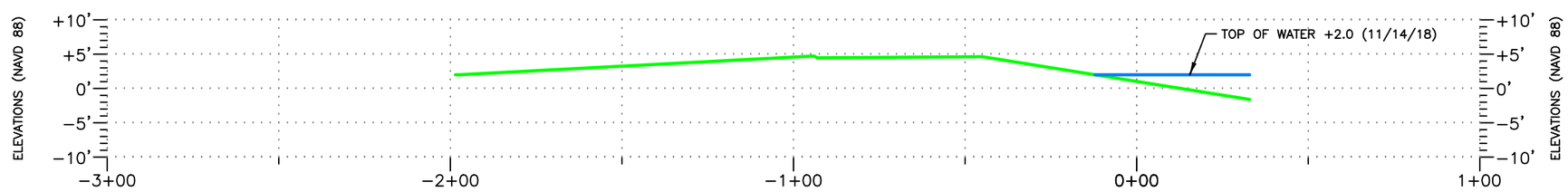


CROSS SECTION @ 20+00



CROSS SECTION @ 10+00



CROSS SECTION @ 3+35

HORIZONTAL GRAPHIC SCALE
0 20' 40' 80'
0 10' 20' 40'
VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING SOUTHEASTERLY

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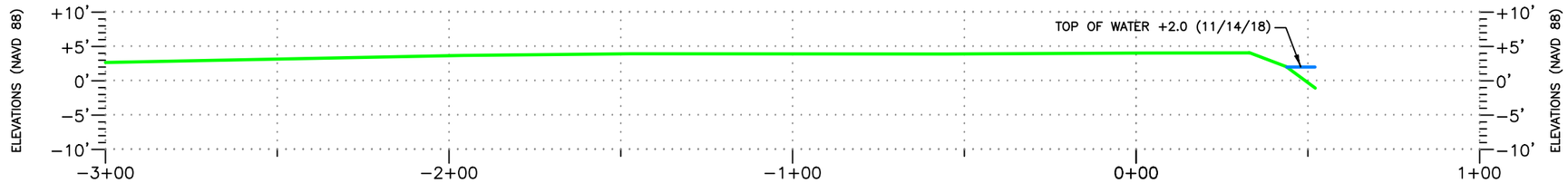
OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

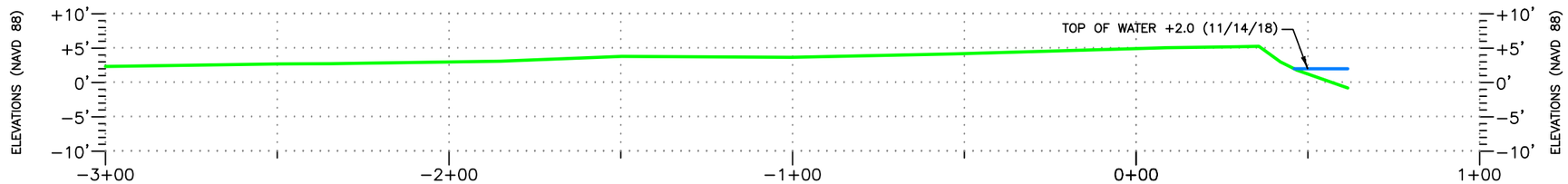
DDDD – CROSS SECTIONS 3+35 THRU 40+00
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	56 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

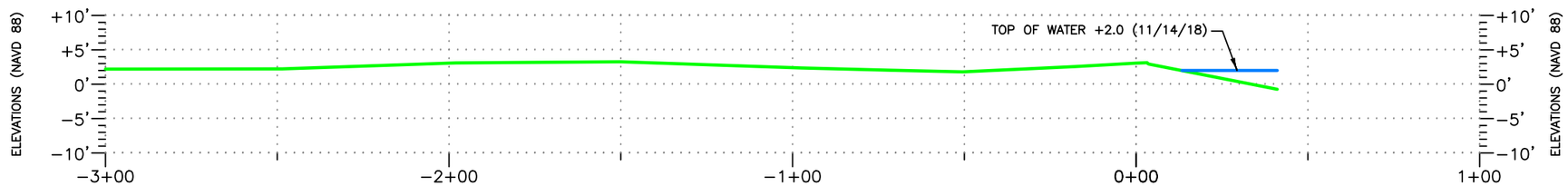
P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\DDDD Borrow Area\13002_sht 55 – 00a0.dwg PLOT DATE: 1/18/19 3:



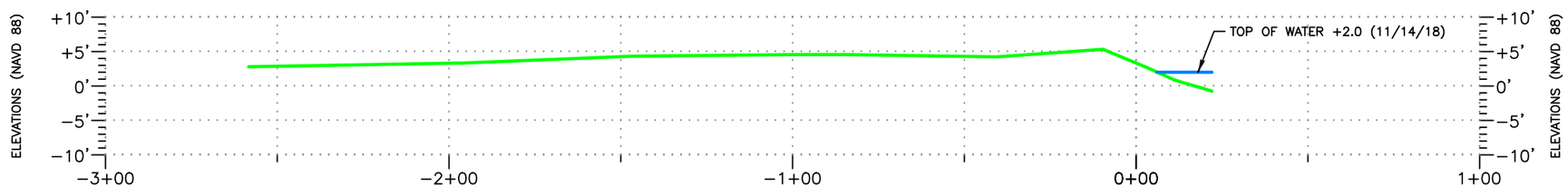
CROSS SECTION @ 90+00



CROSS SECTION @ 80+00



CROSS SECTION @ 70+00



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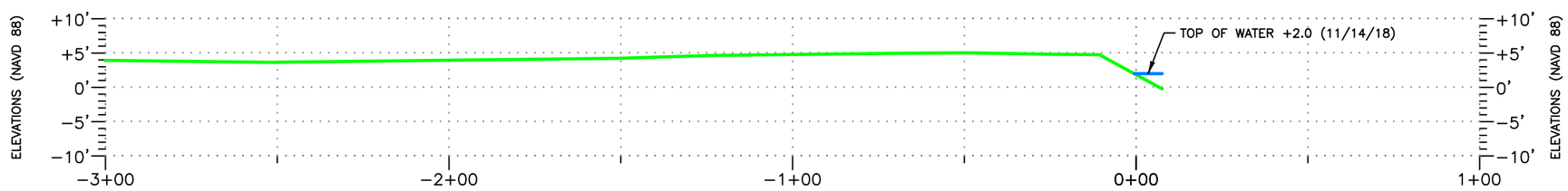

CROSS SECTION @ 50+00

HORIZONTAL GRAPHIC SCALE
0 20' 40' 80'
0 10' 20' 40'
VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING SOUTHEASTERLY

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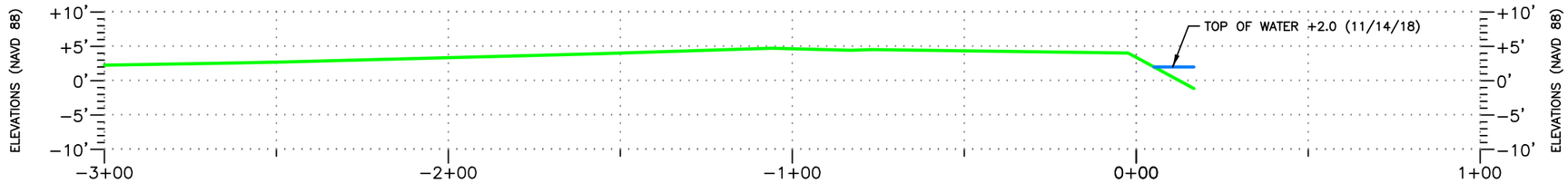
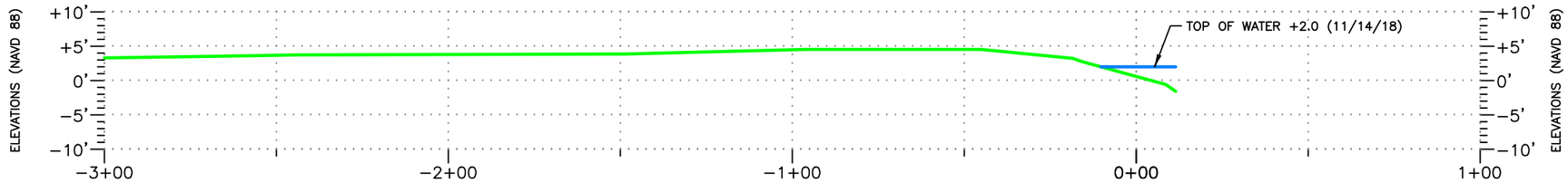
DDDD – CROSS SECTIONS 50+00 THRU 90+00
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	57 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

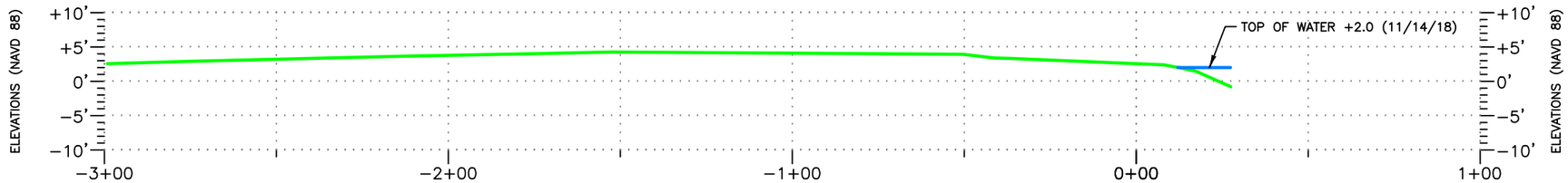
P:\01-Survey_Projects\State of Louisiana\13002 - W.F. Baird - Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\DDDD Borrow Area\13002_sht 55 - 00a0.dwg PLOT DATE: 1/18/19 3:



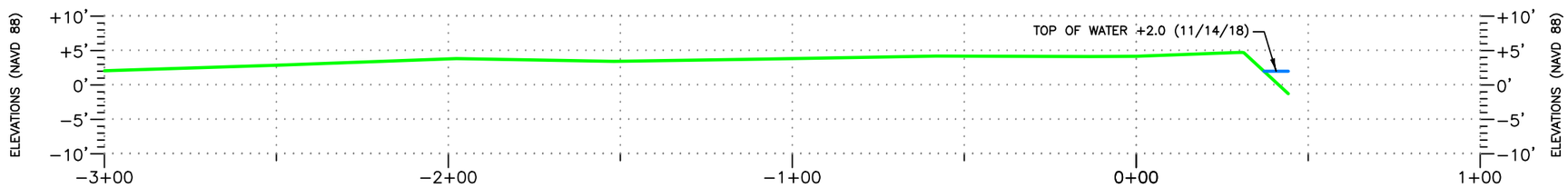
CROSS SECTION @ 140+00



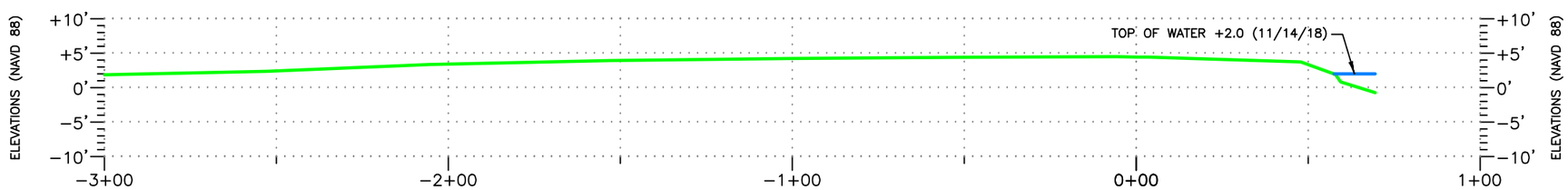
CROSS SECTION @ 130+00



CROSS SECTION @ 120+00



CROSS SECTION @ 110+00



CROSS SECTION @ 100+00

HORIZONTAL GRAPHIC SCALE
0 20' 40' 80'
0 10' 20' 40'
VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING SOUTHEASTERLY

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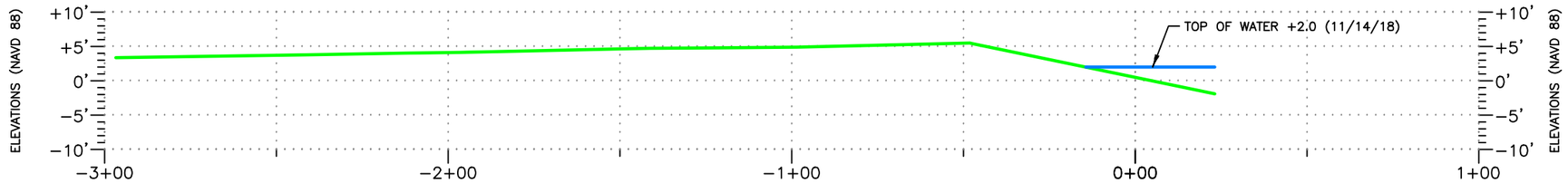
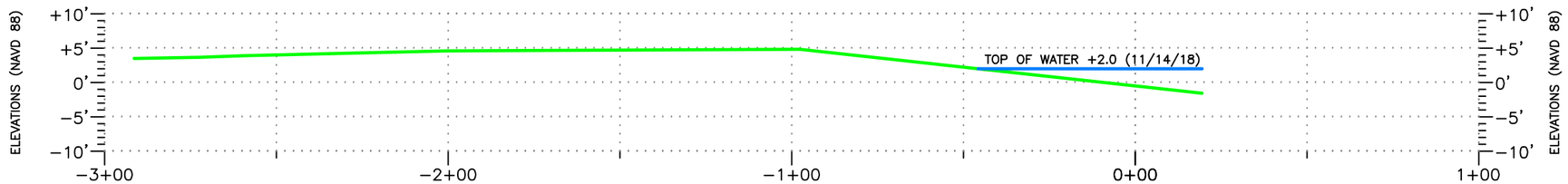
DDDD – CROSS SECTIONS 100+00 THRU 140+00
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	58 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

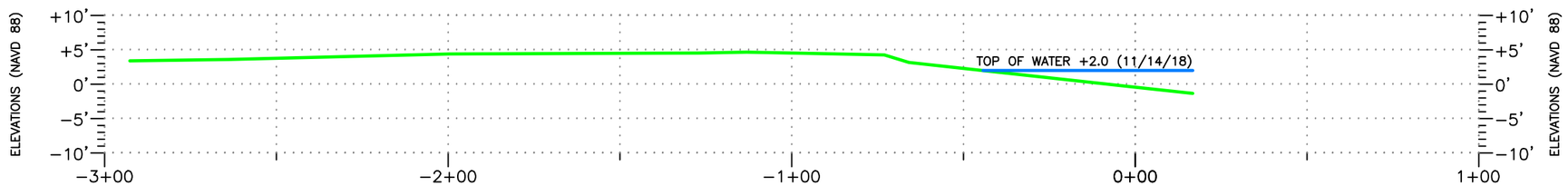
P:\01-Survey_Projects\State of Louisiana\13002 - W.F. Baird - Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\DDDD Borrow Area\13002_sht 55 - 00a0.dwg PLOT DATE: 1/18/19 3:



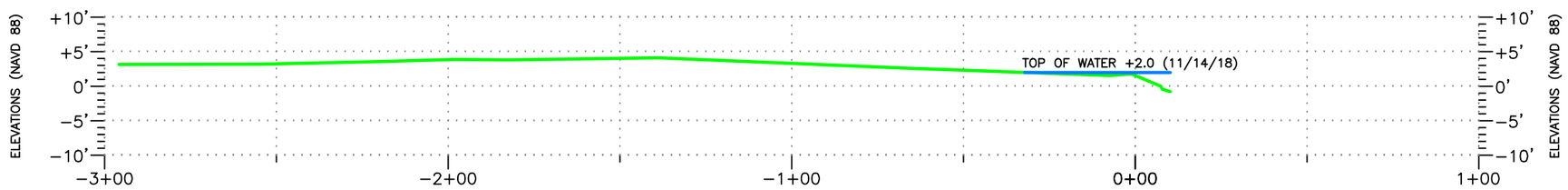
CROSS SECTION @ 170+00



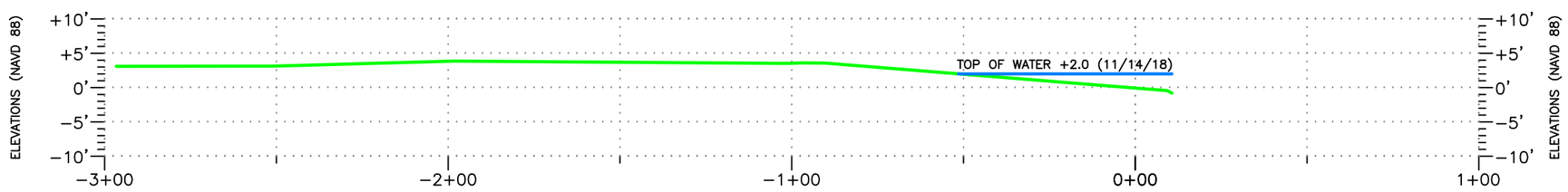
CROSS SECTION @ 163+85



CROSS SECTION @ 160+00



CROSS SECTION @ 150+80



CROSS SECTION @ 150+00

HORIZONTAL GRAPHIC SCALE
0 20' 40' 80'
0 10' 20' 40'
VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING SOUTHEASTERLY

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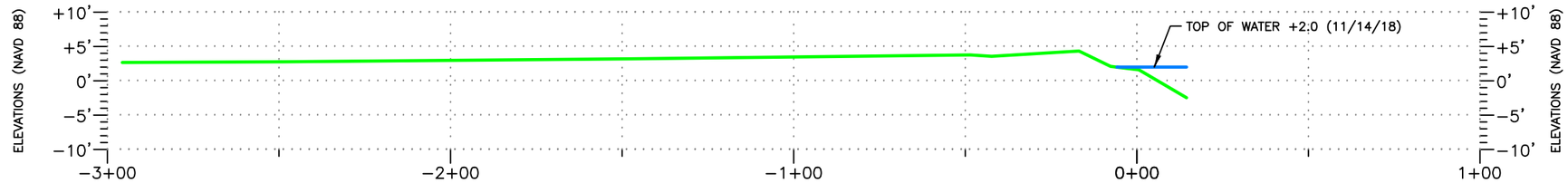
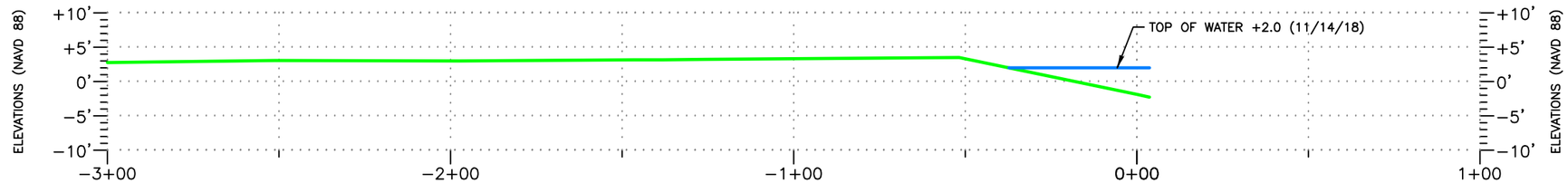
DDDD – CROSS SECTIONS 150+00 THRU 170+00
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	59 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

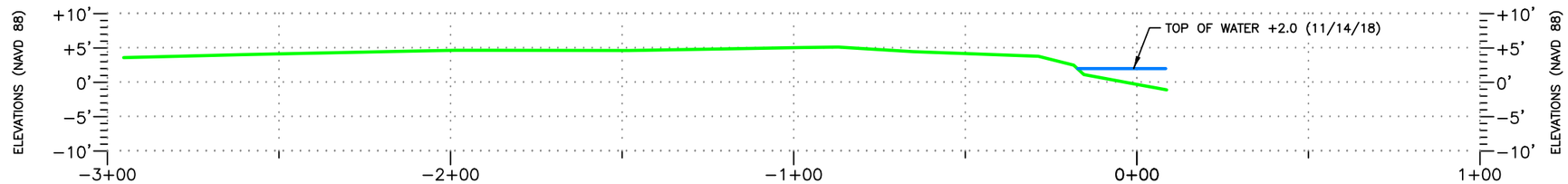
P:\01-Survey_Projects\State of Louisiana\13002 – W.F. Baird – Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\DDDD Borrow Area\13002_sht 55 – 00a0.dwg PLOT DATE: 1/18/19 3:



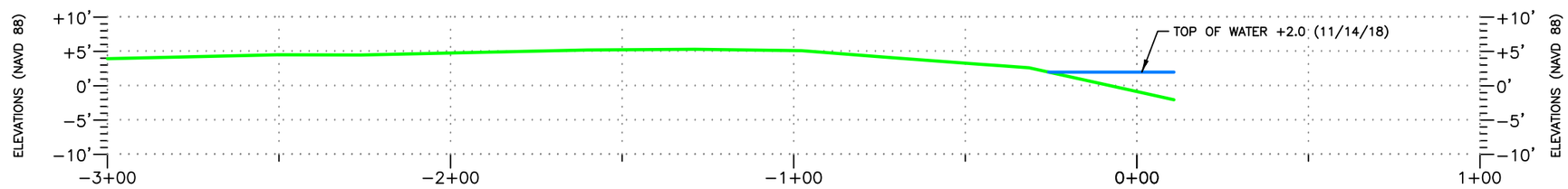
CROSS SECTION @ 219+95



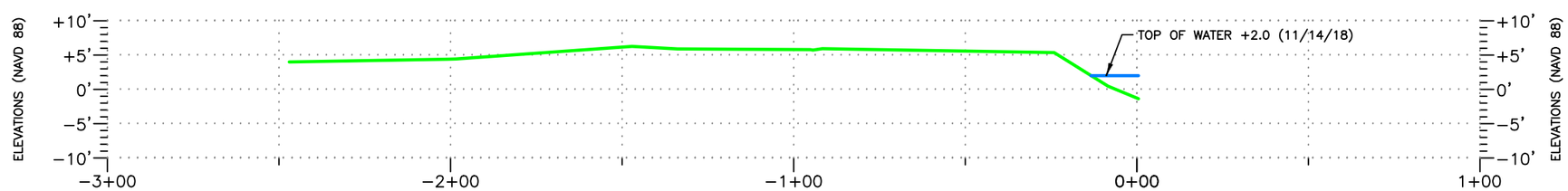
CROSS SECTION @ 210+00



CROSS SECTION @ 200+00



CROSS SECTION @ 190+00



CROSS SECTION @ 180+00

HORIZONTAL GRAPHIC SCALE
0 20' 40' 80'
0 10' 20' 40'
VERTICAL GRAPHIC SCALE

NOTE: TRANSECTS ARE LOOKING SOUTHEASTERLY

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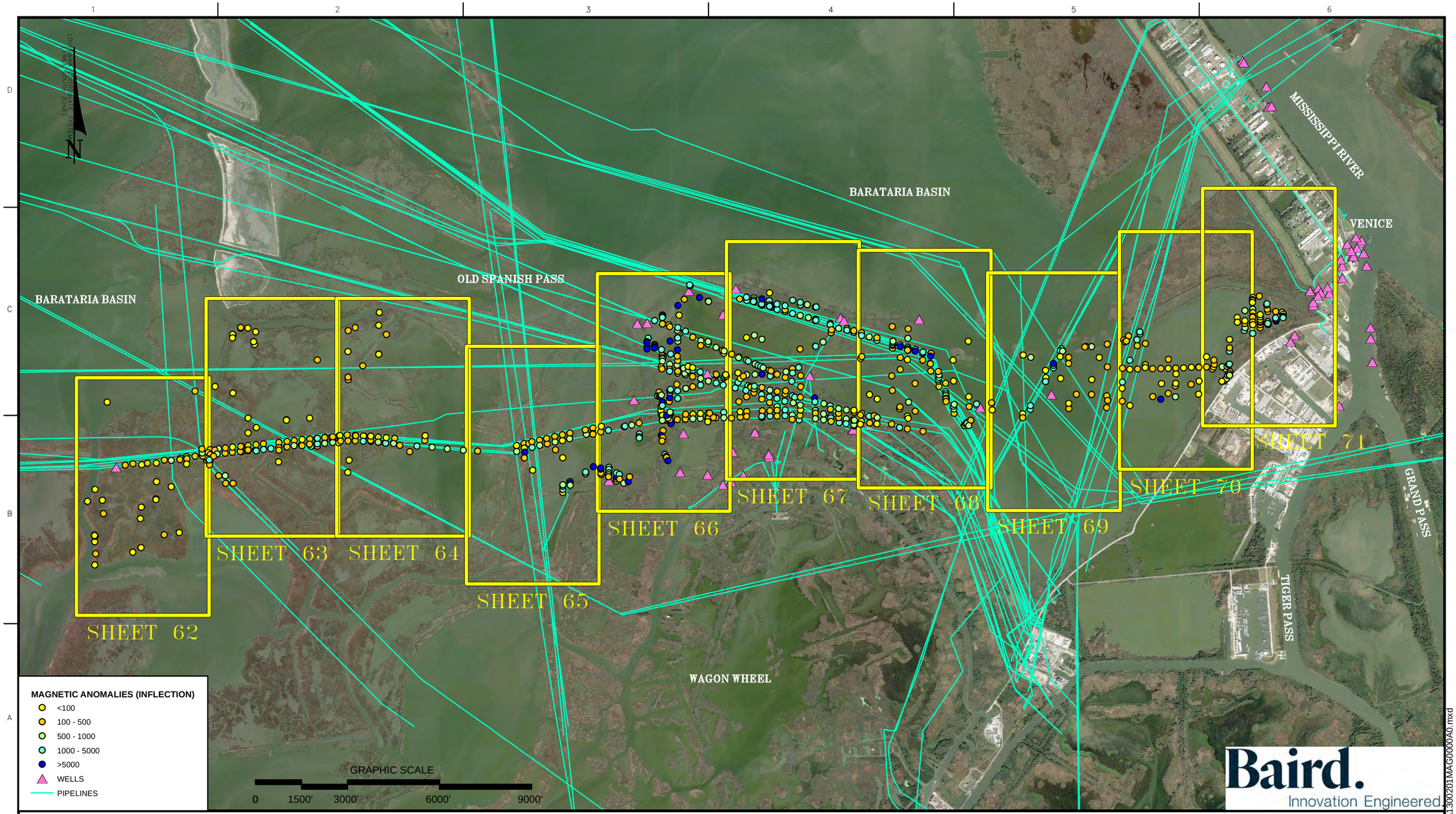
DDDD – CROSS SECTIONS 180+00 THRU 219+95
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT BA-203
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY:	TPC	SHEET:	60 OF 86
CHKD./APPD. BY:	JCM	SCALE:	AS SHOWN
UPDATED BY:		DATE:	10/12/18
DATA BASE:		JOB NO.	13002-00
MPH CAD FILE: 13002_sht 02-11a0.dwg			

P:\01-Survey_Projects\State of Louisiana\13002 - W.F. Baird - Spanish Pass Increment One\05-14-2018_Design Level Survey\CAD Files\DDDD Borrow Area\13002_sht 55 - 00a0.dwg PLOT DATE: 1/18/19 4:



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MAGNETOMETER SURVEY OVERVIEW
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT (BA–203)
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY: JNIII	SHEET: 61 OF 86
CHECKED BY: JCM	SCALE: AS SHOWN
APPROVED BY: JCM	DATE: 12/07/2018
UPDATED:	JOB NO. 13002–01
MPH GIS FILE: 1300201MAG0000A0.MXD	

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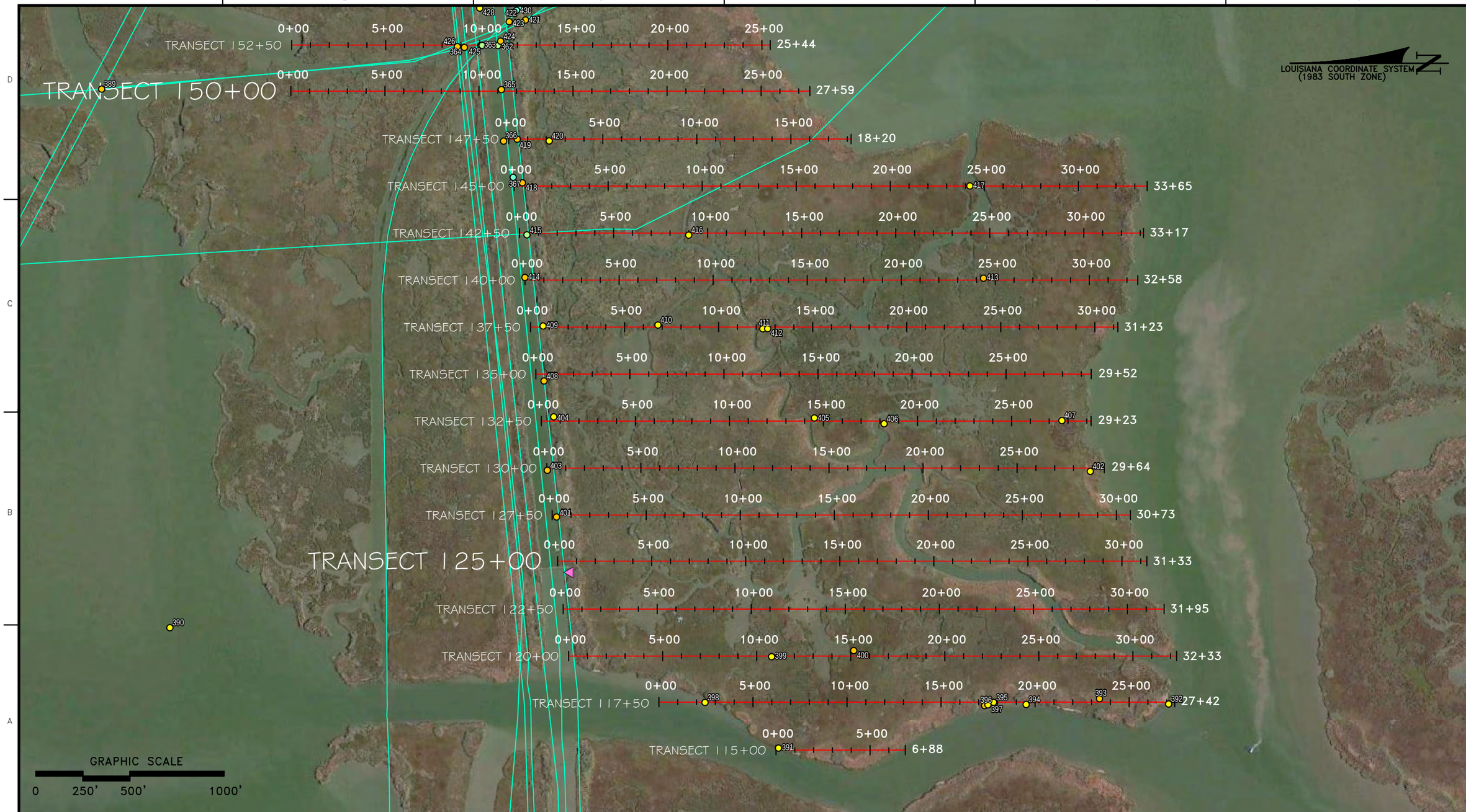

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MAGNETOMETER SURVEY (STA. 115+00 TO 152+50)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT (BA–203)
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY: JNIII	SHEET: 62 OF 86
CHECKED BY: JCM	SCALE: AS SHOWN
APPROVED BY: JCM	DATE: 12/07/2018
UPDATED:	JOB NO. 13002–01
MPH GIS FILE: 1300201MAG0001A0.MXD	

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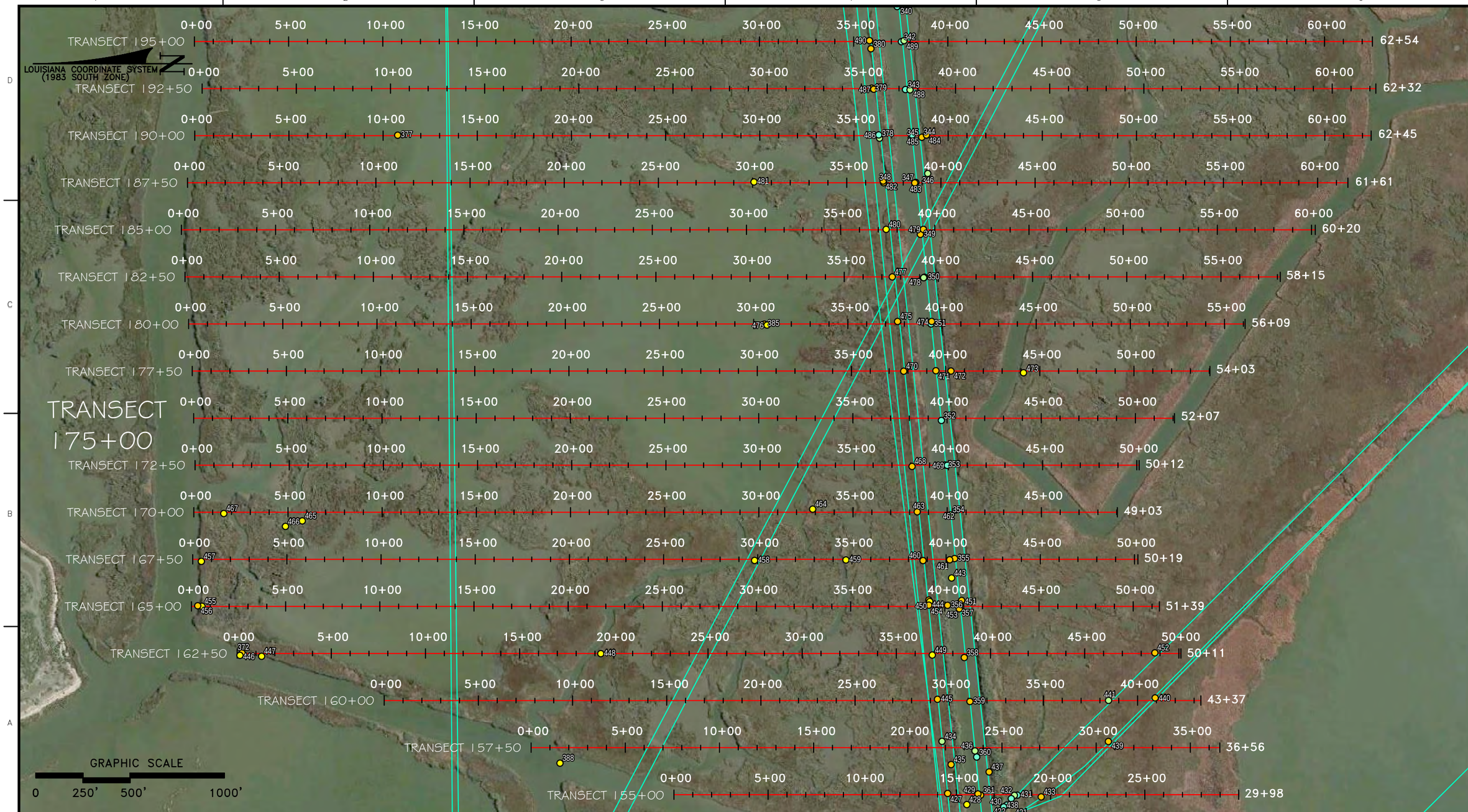

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MAGNETOMETER SURVEY (STA. 155+00 TO 195+00)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT (BA–203)
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY: JNIII	SHEET: 63 OF 86
CHECKED BY: JCM	SCALE: AS SHOWN
APPROVED BY: JCM	DATE: 12/07/2018
UPDATED:	JOB NO. 13002–01
MPH GIS FILE: 1300201MAG0001A0.MXD	

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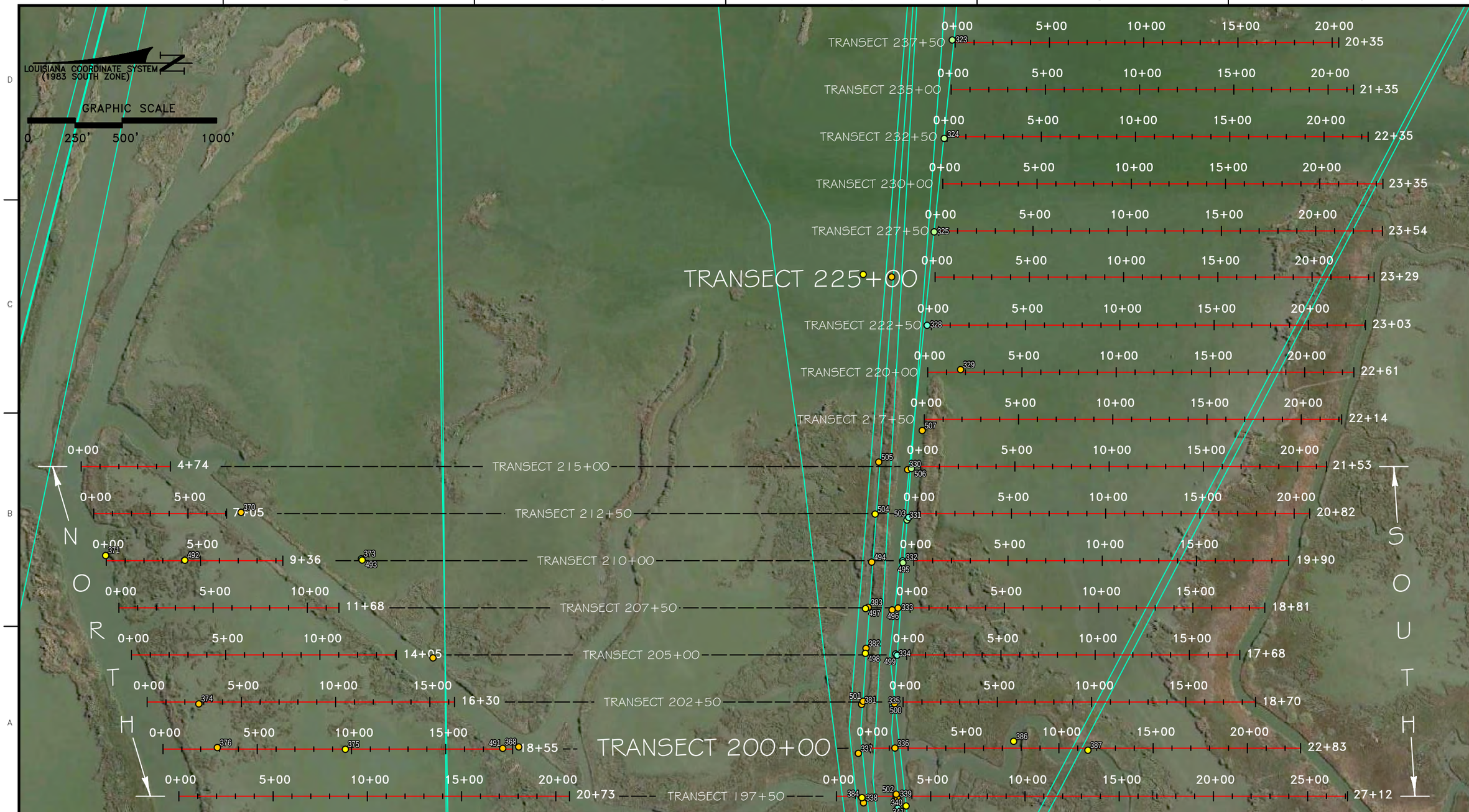

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MAGNETOMETER SURVEY (STA. 197+50 TO 237+50)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT (BA–203)
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY: JNIII	SHEET: 64 OF 86
CHECKED BY: JCM	SCALE: AS SHOWN
APPROVED BY: JCM	DATE: 12/07/2018
UPDATED:	JOB NO. 13002–01
MPH GIS FILE: 1300201MAG0001A0.MXD	

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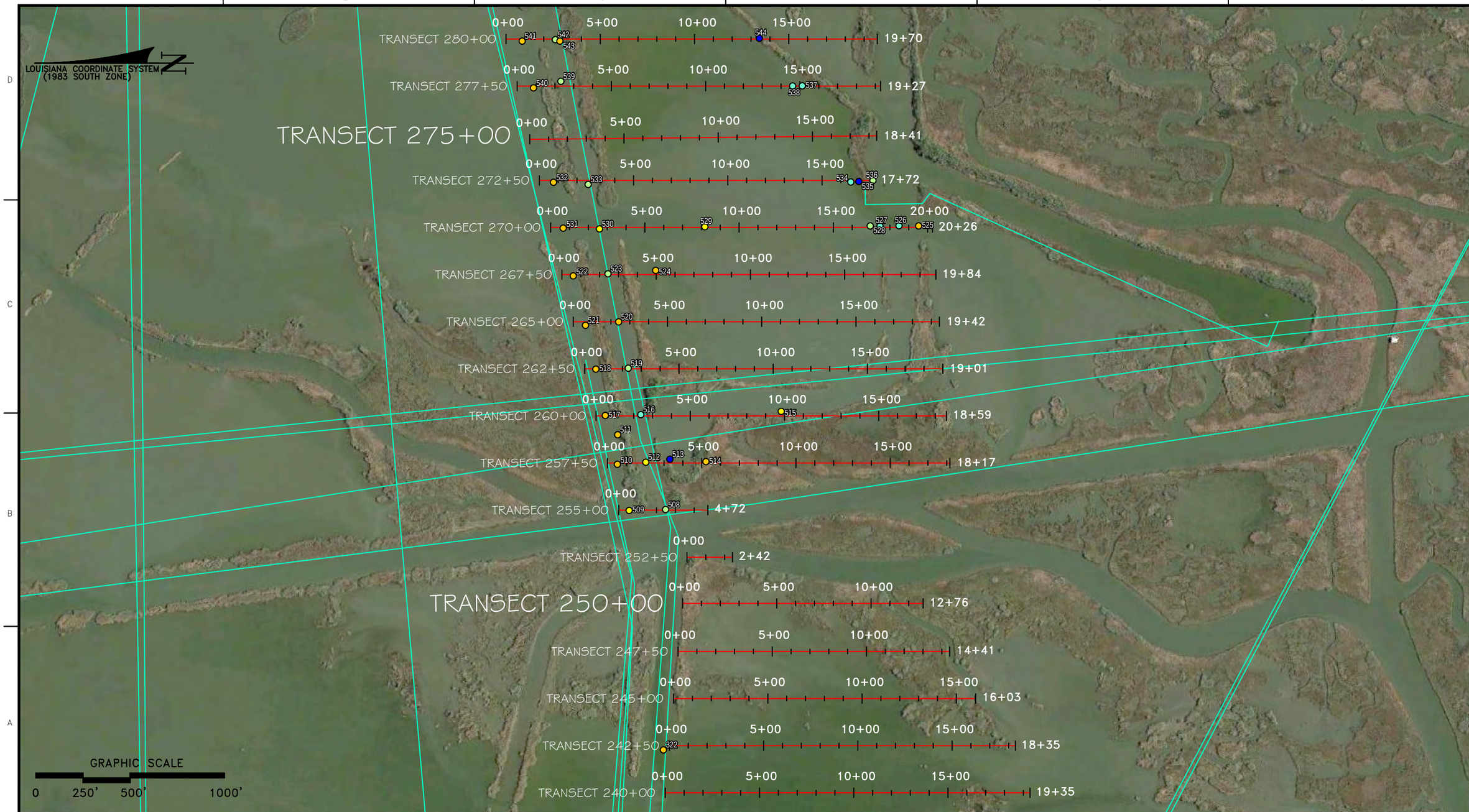

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MAGNETOMETER SURVEY (STA. 240+00 TO 280+00)
MARSH CREATION FILL AREA SURVEY
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LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY: JNIII	SHEET: 65 OF 86
CHECKED BY: JCM	SCALE: AS SHOWN
APPROVED BY: JCM	DATE: 12/07/2018
UPDATED:	JOB NO. 13002–01
MPH GIS FILE: 1300201MAG0001A0.MXD	

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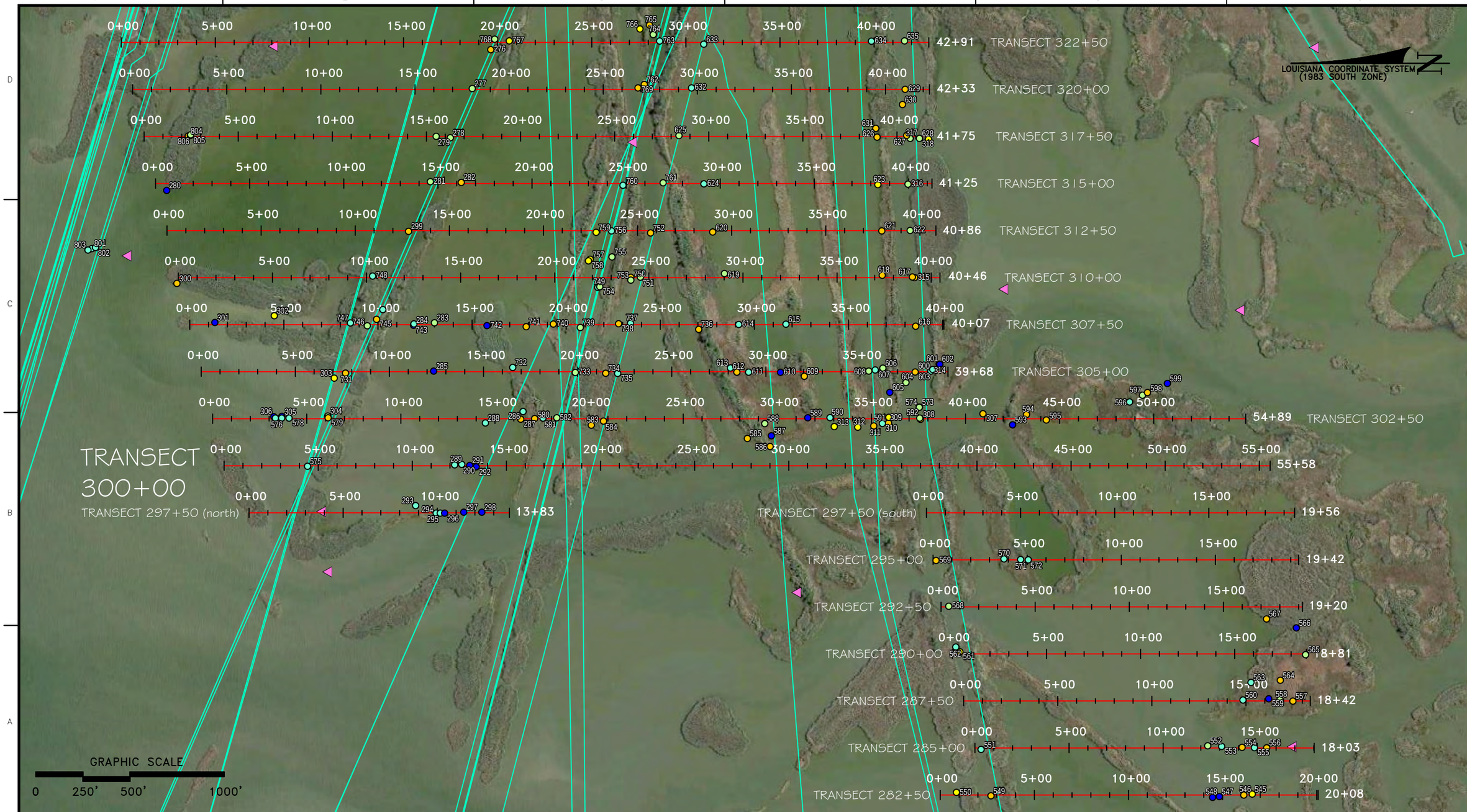

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OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MAGNETOMETER SURVEY (STA. 282+500 TO 322+50)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT (BA–203)
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY: JNIII	SHEET: 66 OF 86
CHECKED BY: JCM	SCALE: AS SHOWN
APPROVED BY: JCM	DATE: 12/07/2018
UPDATED:	JOB NO. 13002–01
MPH GIS FILE: 1300201MAG0001A0.MXD	

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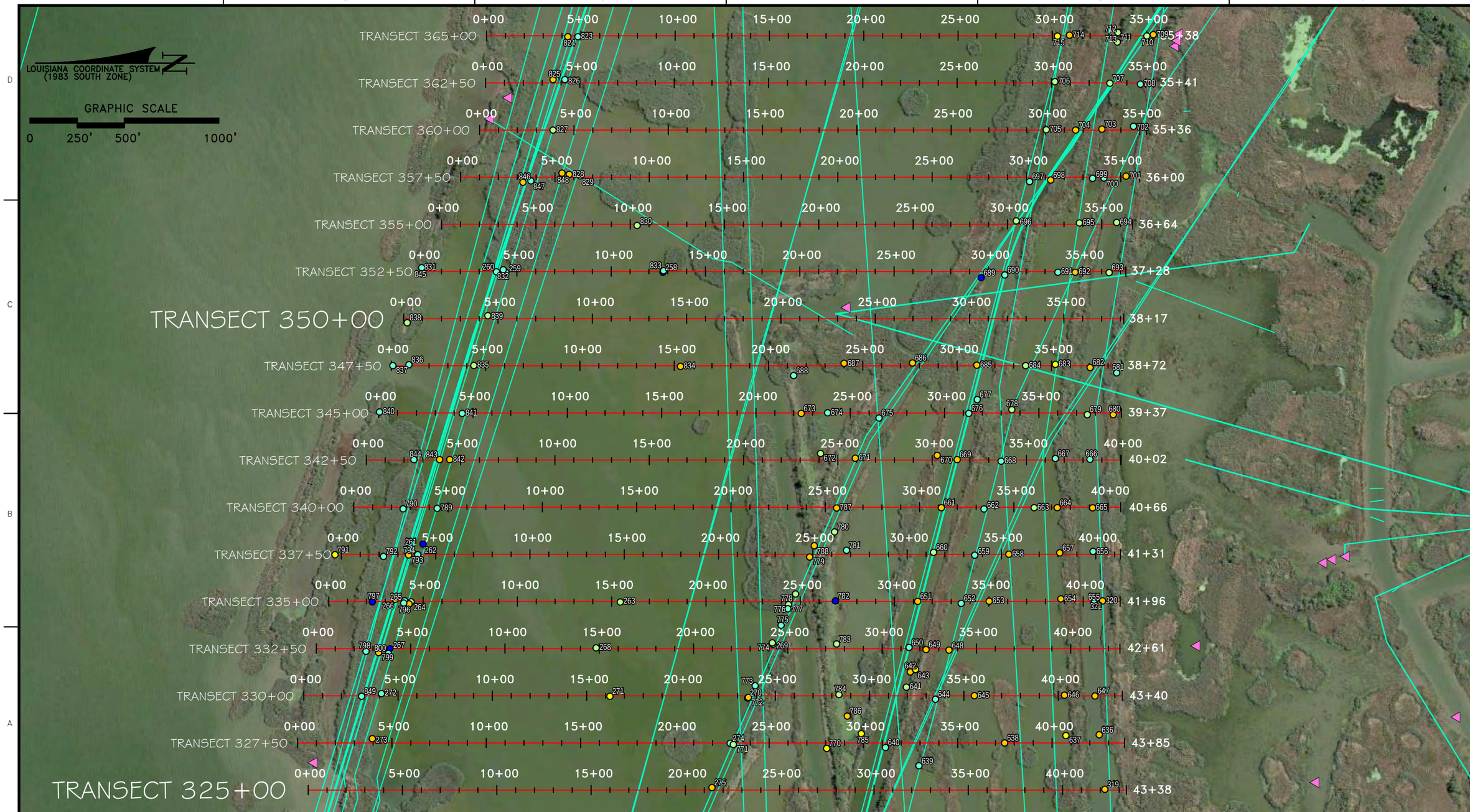

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MAGNETOMETER SURVEY (STA. 325+00 TO 365+00)
MARSH CREATION FILL AREA SURVEY
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LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY: JNIII	SHEET: 67 OF 86
CHECKED BY: JCM	SCALE: AS SHOWN
APPROVED BY: JCM	DATE: 12/07/2018
UPDATED:	JOB NO. 13002–01
MPH GIS FILE: 1300201MAG0001A0.MXD	

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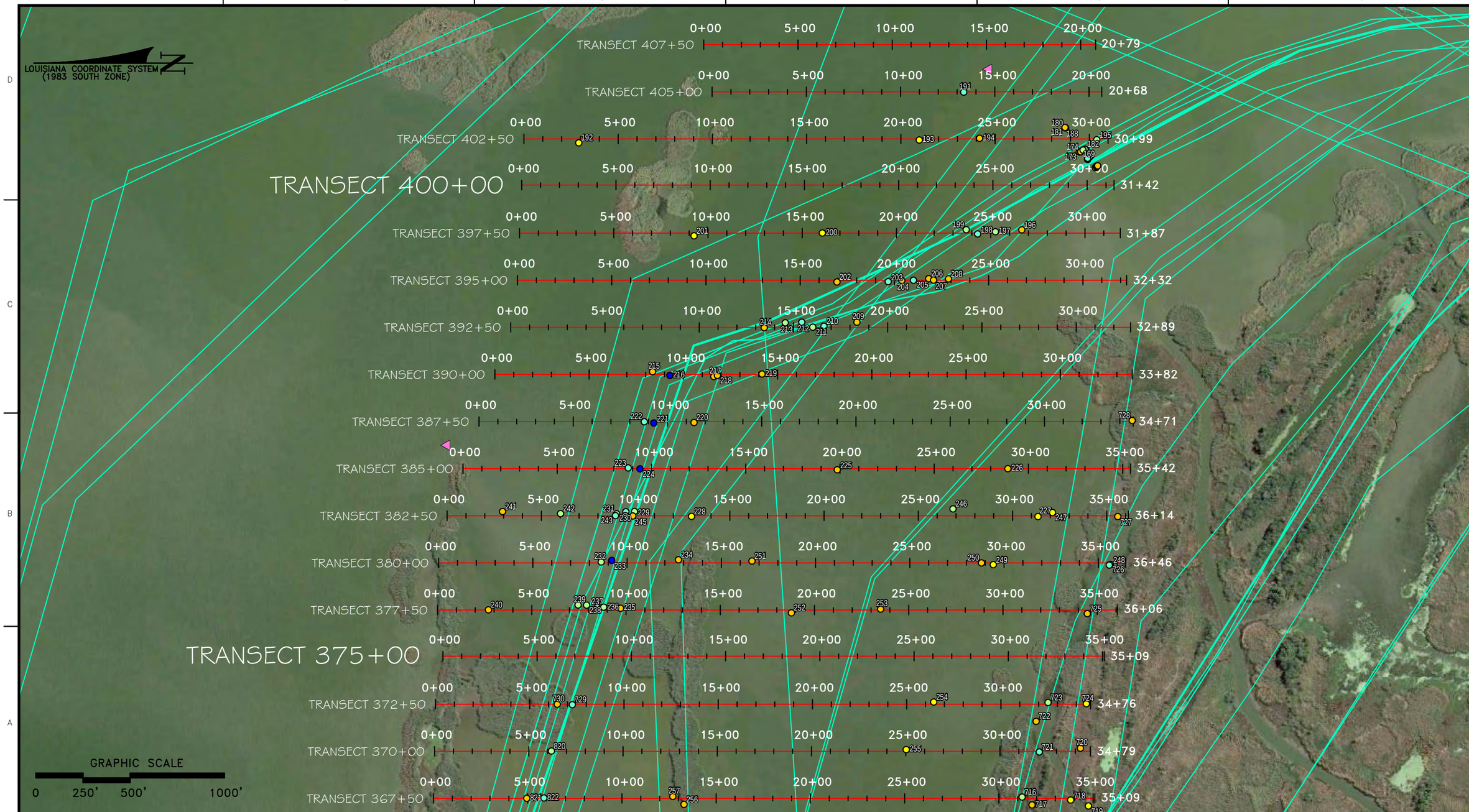

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MAGNETOMETER SURVEY (STA. 367+50 TO 407+50)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT (BA–203)
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY: JNIII	SHEET: 68 OF 86
CHECKED BY: JCM	SCALE: AS SHOWN
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UPDATED:	JOB NO. 13002–01
MPH GIS FILE: 1300201MAG0001A0.MXD	

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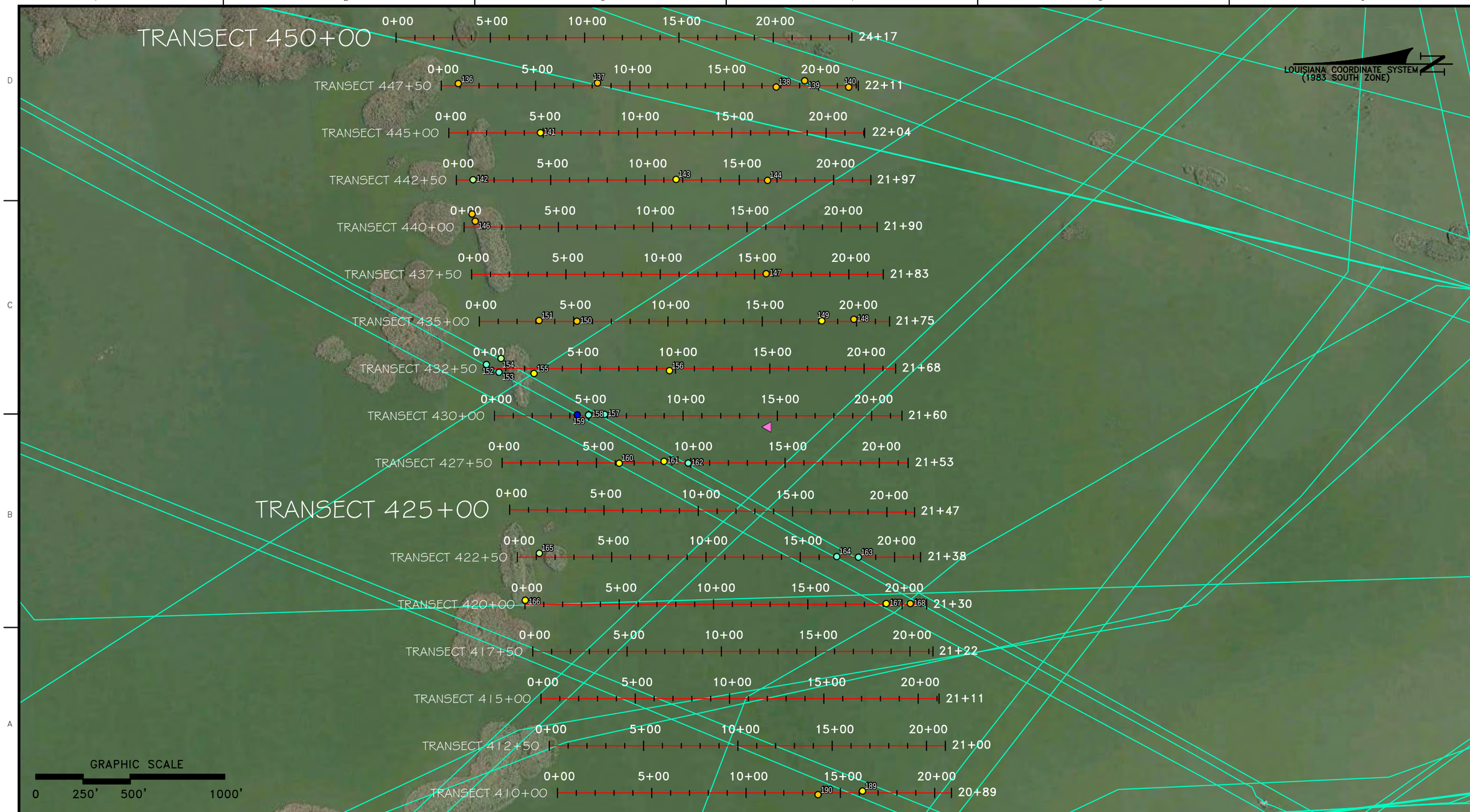

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MAGNETOMETER SURVEY (STA. 410+00 TO 450+00)
MARSH CREATION FILL AREA SURVEY
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LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY: JNIII	SHEET: 69 OF 86
CHECKED BY: JCM	SCALE: AS SHOWN
APPROVED BY: JCM	DATE: 12/07/2018
UPDATED:	JOB NO. 13002–01
MPH GIS FILE: 1300201MAG0001A0.MXD	

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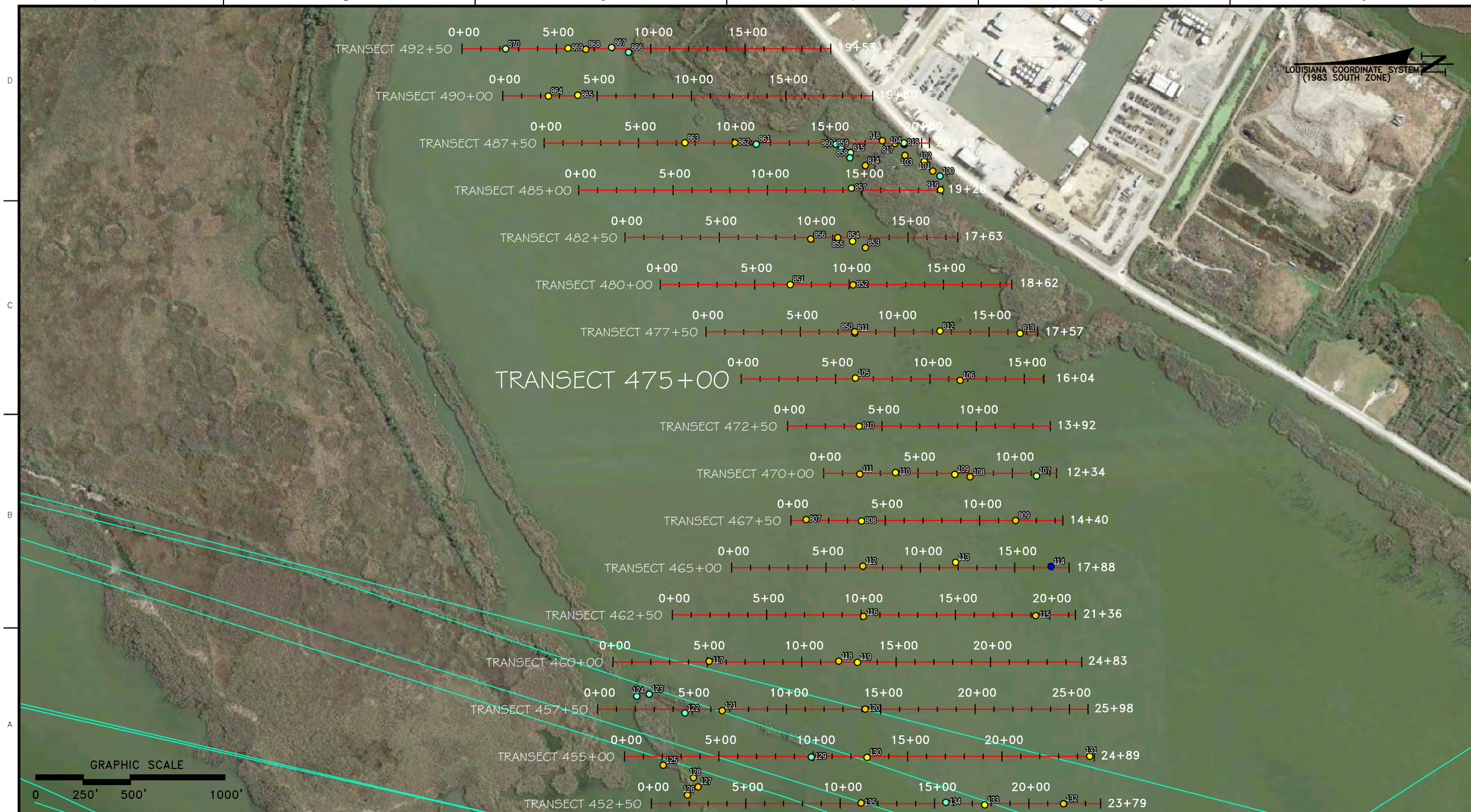

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OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MAGNETOMETER SURVEY (STA. 452+50 TO 492+50)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT (BA–203)
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY: JNIII	SHEET: 70 OF 86
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UPDATED:	JOB NO. 13002–01
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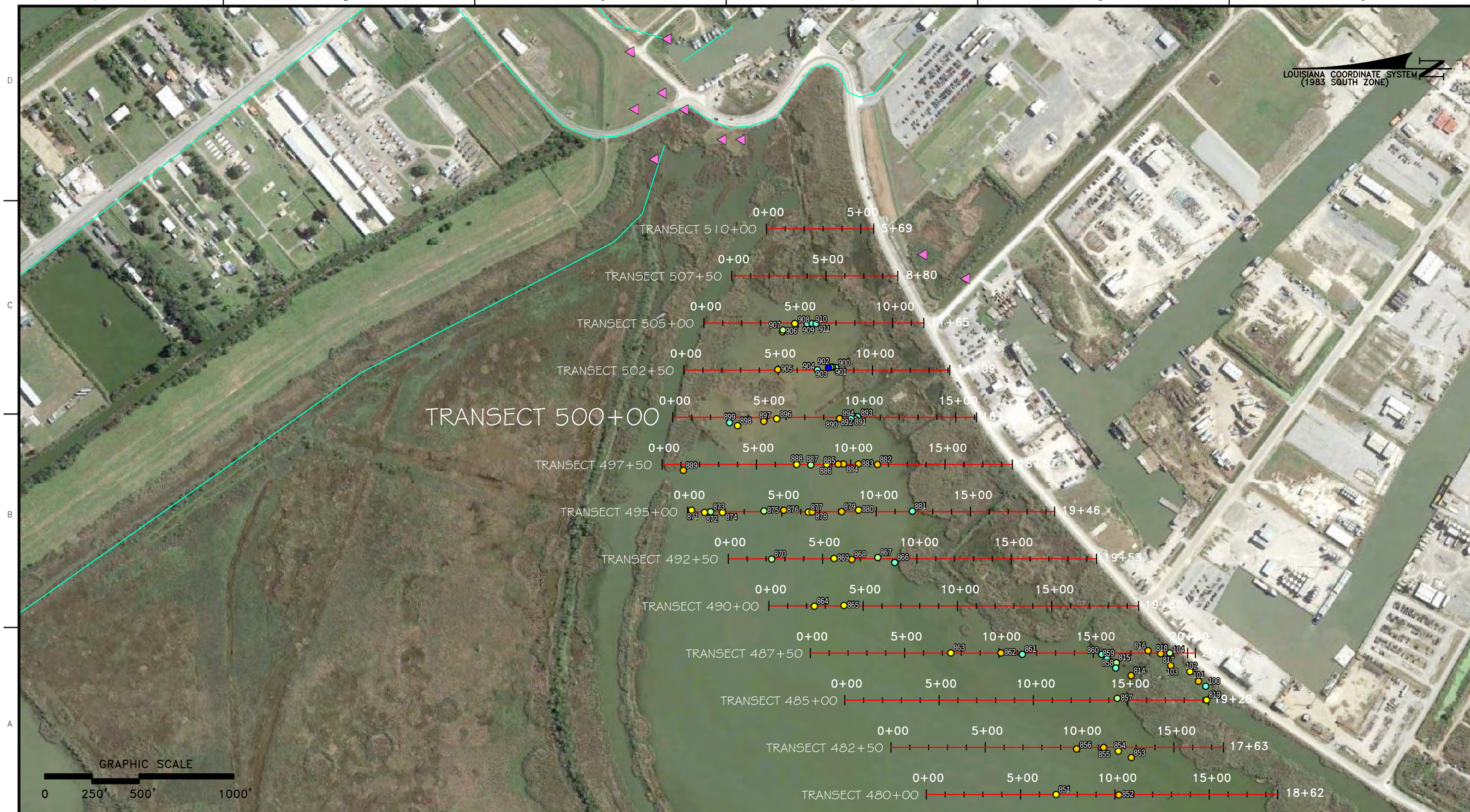

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TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MAGNETOMETER SURVEY (STA. 480+00 TO 510+00)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT (BA–203)
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY: JNIII	SHEET: 71 OF 86
CHECKED BY: JCM	SCALE: AS SHOWN
APPROVED BY: JCM	DATE: 12/07/2018
UPDATED:	JOB NO. 13002–01
MPH GIS FILE: 1300201MAG0001A0.MXD	

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POINT NO.	X	Y	LONGITUDE	LATITUDE	INFLECTION
100	3908344.44	282010.84	89° 21' 55.319" W	29° 15' 38.293" N	2405
101	3908371.39	282049.62	89° 21' 55.007" W	29° 15' 38.672" N	251
102	3908422.09	282094.51	89° 21' 54.426" W	29° 15' 39.108" N	45
103	3908454.7	282196.95	89° 21' 54.038" W	29° 15' 40.117" N	275
104	3908512.28	282199.79	89° 21' 53.388" W	29° 15' 40.135" N	5823
105	3907274.83	282459.39	89° 22' 7.306" W	29° 15' 42.915" N	45
106	3907262.52	281903.9	89° 22' 7.552" W	29° 15' 37.418" N	193.5
107	3906755.69	281499.22	89° 22' 13.351" W	29° 15' 33.499" N	928
108	3906751.15	281851.38	89° 22' 13.335" W	29° 15' 36.985" N	158
109	3906763.74	281933.01	89° 22' 13.177" W	29° 15' 37.791" N	69
110	3906774.22	282247.12	89° 22' 12.998" W	29° 15' 40.898" N	48.5
111	3906765.19	282436.16	89° 22' 13.063" W	29° 15' 42.771" N	150.7
112	3906277.64	282419.78	89° 22' 18.570" W	29° 15' 42.692" N	209
113	3906297.88	281928.61	89° 22' 18.436" W	29° 15' 37.827" N	58.2
114	3906276.47	281422.62	89° 22' 18.776" W	29° 15' 32.822" N	31482
115	3906015.92	281504.01	89° 22' 21.701" W	29° 15' 33.672" N	239.5
116	3906011.04	282416.91	89° 22' 21.580" W	29° 15' 42.708" N	424.3
117	3905774.09	283234.42	89° 22' 24.096" W	29° 15' 50.840" N	142.4
118	3905774.95	282547.49	89° 22' 24.219" W	29° 15' 44.041" N	264.5
119	3905768.25	282448.3	89° 22' 24.314" W	29° 15' 43.060" N	61.8
120	3905520.21	282407.8	89° 22' 27.122" W	29° 15' 42.701" N	114.6
121	3905512.16	283165.42	89° 22' 27.067" W	29° 15' 50.202" N	249.2
122	3905499.72	283362.22	89° 22' 27.169" W	29° 15' 52.152" N	1735
123	3905600.05	283551.93	89° 22' 26.000" W	29° 15' 54.013" N	1214
124	3905588.69	283617.68	89° 22' 26.115" W	29° 15' 54.665" N	1368
125	3905222.77	283477.83	89° 22' 30.273" W	29° 15' 53.343" N	239
126	3905065.27	283349.57	89° 22' 32.076" W	29° 15' 52.100" N	460
127	3905107.74	283292.44	89° 22' 31.607" W	29° 15' 51.527" N	117.5
128	3905157.05	283317.29	89° 22' 31.046" W	29° 15' 51.765" N	175.7
129	3905266.41	282692.54	89° 22' 29.932" W	29° 15' 45.563" N	4083
130	3905265	282397.78	89° 22' 30.005" W	29° 15' 42.645" N	76.6
131	3905270.16	281217.75	89° 22' 30.174" W	29° 15' 30.964" N	80
132	3905018.55	281356.9	89° 22' 32.987" W	29° 15' 32.384" N	108.1
133	3905012.72	281774.09	89° 22' 32.973" W	29° 15' 36.515" N	52.1
134	3905026.25	281979.96	89° 22' 32.780" W	29° 15' 38.550" N	1298
135	3905022.89	282429.16	89° 22' 32.732" W	29° 15' 42.997" N	417
136	3904530.99	283214.22	89° 22' 38.133" W	29° 15' 50.851" N	118.6
137	3904534.8	282476.62	89° 22' 38.232" W	29° 15' 43.549" N	263.5
138	3904513.35	281528.95	89° 22' 38.657" W	29° 15' 34.173" N	494.4
139	3904546.2	281378.05	89° 22' 38.315" W	29° 15' 32.673" N	374.1
140	3904511.88	281144.81	89° 22' 38.747" W	29° 15' 30.371" N	129.2
141	3904270.46	282778.58	89° 22' 41.158" W	29° 15' 46.583" N	54.2
142	3904021.12	283136.44	89° 22' 43.903" W	29° 15' 50.167" N	821.4
143	3904023.08	282059.36	89° 22' 44.089" W	29° 15' 39.506" N	55.9
144	3904018.09	281574.51	89° 22' 44.238" W	29° 15' 34.707" N	104
145	3903839.33	283140.93	89° 22' 45.955" W	29° 15' 50.242" N	277.3
146	3903801.62	283124.32	89° 22' 46.384" W	29° 15' 50.084" N	282.4
147	3903523.05	281581.81	89° 22' 49.825" W	29° 15' 34.863" N	140.7
148	3903281.16	281117.14	89° 22' 52.645" W	29° 15' 30.304" N	283.5
149	3903273.02	281286.99	89° 22' 52.704" W	29° 15' 31.987" N	42.9
150	3903271.5	282585.66	89° 22' 52.471" W	29° 15' 44.842" N	133.7
151	3903274.72	282786.48	89° 22' 52.396" W	29° 15' 46.829" N	106.3
152	3903041.17	283065.09	89° 22' 54.979" W	29° 15' 49.626" N	3114.6
153	3903000.17	282998.78	89° 22' 55.455" W	29° 15' 48.977" N	1155.4
154	3903074.06	282988.19	89° 22' 54.623" W	29° 15' 48.859" N	538.5
155	3902993.93	282812.73	89° 22' 55.561" W	29° 15' 47.136" N	45
156	3903008.46	282094.89	89° 22' 55.535" W	29° 15' 40.028" N	67.5
157	3902777.15	282438.72	89° 22' 58.080" W	29° 15' 43.471" N	1232
158	3902774.12	282523.98	89° 22' 58.098" W	29° 15' 44.315" N	1720.6
159	3902774.71	282583.52	89° 22' 58.080" W	29° 15' 44.904" N	8324
160	3902518.11	282361.59	89° 23' 1.019" W	29° 15' 42.751" N	60.2
161	3902528.11	282123.8	89° 23' 0.952" W	29° 15' 40.395" N	55.29
162	3902518.77	281995.36	89° 23' 1.082" W	29° 15' 39.126" N	1657
163	3902019.63	281092.61	89° 23' 6.889" W	29° 15' 30.274" N	3870
164	3902023.33	281208.34	89° 23' 6.825" W	29° 15' 31.419" N	2104
165	3902040.8	282784.59	89° 23' 6.325" W	29° 15' 47.018" N	609
166	3901791.11	282859.77	89° 23' 9.130" W	29° 15' 47.804" N	72.8
167	3901773.69	280945.16	89° 23' 9.694" W	29° 15' 28.856" N	80
168	3901773.66	280817.62	89° 23' 9.718" W	29° 15' 27.594" N	411
169	3899910.65	280609.17	89° 23' 30.787" W	29° 15' 25.843" N	2128.6
170	3899866.68	280567.8	89° 23' 31.291" W	29° 15' 25.441" N	297
171	3899874.35	280560.9	89° 23' 31.206" W	29° 15' 25.372" N	270
172	3899914.07	280607.99	89° 23' 30.749" W	29° 15' 25.831" N	2289.7
173	3899950.61	280653.29	89° 23' 30.328" W	29° 15' 26.273" N	478.7
174	3899951.2	280645.44	89° 23' 30.322" W	29° 15' 26.196" N	484
175	3899917.22	280607.69	89° 23' 30.713" W	29° 15' 25.828" N	2530
176	3899872.18	280562.43	89° 23' 31.230" W	29° 15' 25.387" N	285
177	3899874.23	280560.00	89° 23' 31.208" W	29° 15' 25.363" N	269.1
178	3899927.16	280594.82	89° 23' 30.604" W	29° 15' 25.699" N	4202.7
179	3899962.95	280618.20	89° 23' 30.195" W	29° 15' 25.924" N	875.5
180	3900078.45	280728.13	89° 23' 28.870" W	29° 15' 26.993" N	855.3
181	3900078.92	280725.14	89° 23' 28.866" W	29° 15' 26.963" N	1021.1
182	3899964.79	280622.75	89° 23' 30.173" W	29° 15' 25.969" N	873.8

POINT NO.	X	Y	LONGITUDE	LATITUDE	INFLECTION
183	3899925.35	280597.39	89° 23' 30.623" W	29° 15' 25.724" N	4944.7
184	3899872.58	280558.53	89° 23' 31.227" W	29° 15' 25.348" N	315.2
185	3899877.32	280555.54	89° 23' 31.174" W	29° 15' 25.318" N	275.9
186	3899917.42	280609.07	89° 23' 30.711" W	29° 15' 25.841" N	3061.4
187	3899960.30	280632.70	89° 23' 30.222" W	29° 15' 26.068" N	664.2
188	3900080.26	280728.71	89° 23' 28.850" W	29° 15' 26.998" N	408.4
189	3900779.32	281071.16	89° 23' 20.893" W	29° 15' 30.270" N	93
190	3900760.41	281307.30	89° 23' 21.062" W	29° 15' 32.611" N	309.5
191	3900268.22	281266.08	89° 23' 26.625" W	29° 15' 32.286" N	3049.8
192	3899998.50	283308.62	89° 23' 29.279" W	29° 15' 52.548" N	70.5
193	3900014.07	281502.17	89° 23' 29.449" W	29° 15' 34.665" N	82.3
194	3900022.72	281182.02	89° 23' 29.413" W	29° 15' 31.495" N	480.3
195	3900015.42	280560.90	89° 23' 29.614" W	29° 15' 25.348" N	667.6
196	3899536.77	280958.09	89° 23' 34.941" W	29° 15' 29.360" N	270.6
197	3899527.25	281098.07	89° 23' 35.021" W	29° 15' 30.747" N	713.1
198	3899515.64	281192.50	89° 23' 35.134" W	29° 15' 31.683" N	4822
199	3899537.89	281252.61	89° 23' 34.872" W	29° 15' 32.275" N	854.4
200	3899520.07	282015.98	89° 23' 34.927" W	29° 15' 39.834" N	64.7
201	3899505.40	282697.43	89° 23' 34.962" W	29° 15' 46.581" N	64.8
202	3899260.57	281938.80	89° 23' 37.871" W	29° 15' 39.113" N	211.4
203	3899262.08	281667.21	89° 23' 37.906" W	29° 15' 36.425" N	1138.5
204	3899268.44	281594.65	89° 23' 37.848" W	29° 15' 35.705" N	236.3
205	3899269.45	281533.28	89° 23' 37.848" W	29° 15' 35.098" N	1329.1
206	3899278.20	281452.34	89° 23' 37.765" W	29° 15' 34.295" N	137.5
207	3899270.57	281426.09	89° 23' 37.856" W	29° 15' 34.037" N	164.8
208	3899276.95	281347.05	89° 23' 37.799" W	29° 15' 33.253" N	380.2
209	3899047.21	281832.89	89° 23' 40.300" W	29° 15' 38.101" N	307.7
210	3899025.44	282007.81	89° 23' 40.512" W	29° 15' 39.836" N	1946.8
211	3899020.09	282066.98	89° 23' 40.561" W	29° 15' 40.422" N	739
212	3899047.09	282125.80	89° 23' 40.245" W	29° 15' 41.000" N	2056.6
213	3899043.69	282212.92	89° 23' 40.267" W	29° 15' 41.863" N	852.7
214	3899017.86	282324.92	89° 23' 40.537" W	29° 15' 42.976" N	119.9
215	3898784.62	282917.54	89° 23' 43.057" W	29° 15' 48.881" N	109.7
216	3898764.68	282825.76	89° 23' 43.299" W	29° 15' 47.976" N	15383
217	3898758.63	282592.40	89° 23' 43.412" W	29° 15' 45.667" N	154.1
218	3898764.83	282573.38	89° 23' 43.346" W	29° 15' 45.477" N	169.5
219	3898772.23	282336.44	89° 23' 43.307" W	29° 15' 43.131" N	136.9
220	3898514.97	282697.57	89° 23' 46.142" W	29° 15' 46.749" N	142.5
221	3898512.03	282910.57	89° 23' 46.135" W	29° 15' 48.857" N	6587.7
222	3898519.00	282960.93	89° 23' 46.047" W	29° 15' 49.355" N	1811
223	3898273.83	283045.99	89° 23' 48.798" W	29° 15' 50.238" N	1033.6
224	3898268.58	282984.02	89° 23' 48.869" W	29° 15' 49.625" N	12003
225	3898263.74	281937.22	89° 23' 49.123" W	29° 15' 39.264" N	351
226	3898269.97	281031.86	89° 23' 49.226" W	29° 15' 30.302" N	148
227	3898015.48	280872.13	89° 23' 52.129" W	29° 15' 28.764" N	84.3
228	3898016.01	282710.26	89° 23' 51.772" W	29° 15' 46.958" N	64.7
229	3898041.78	283013.10	89° 23' 51.424" W	29° 15' 49.951" N	921.3
230	3898041.45	283058.48	89° 23' 51.419" W	29° 15' 50.400" N	1063.4
231	3898030.42	283107.82	89° 23' 51.534" W	29° 15' 50.890" N	923.7
232	3897774.59	283189.69	89° 23' 54.406" W	29° 15' 51.743" N	950
233	3897782.96	283133.54	89° 23' 54.322" W	29° 15' 51.186" N	7011.4
234	3897785.95	282779.97	89° 23' 54.356" W	29° 15' 47.686" N	258.1
235	3897529.08	283086.90	89° 23' 57.197" W	29° 15' 50.767" N	299.2
236	3897534.27	283176.35	89° 23' 57.122" W	29° 15' 51.652" N	552.3
237	3897534.28	283211.54	89° 23' 57.115" W	29° 15' 52.000" N	1720.6
238	3897545.74	283266.87	89° 23' 56.975" W	29° 15' 52.546" N	583
239	3897546.09	283311.93	89° 23' 56.962" W	29° 15' 52.992" N	608.2
240	3897520.54	283787.95	89° 23' 57.160" W	29° 15' 57.708" N	219.1
241	3898041.80	283713.19	89° 23' 51.290" W	29° 15' 56.880" N	193.5
242	3898031.16	283405.24	89° 23' 51.469" W	29° 15' 53.834" N	784.1
243	3898020.46	283113.46	89° 23' 51.645" W	29° 15' 50.948" N	1322.2
244	3898020.51	283061.26	89° 23' 51.655" W	29° 15' 50.431" N	1945
245	3898018.80	283022.40	89° 23' 51.681" W	29° 15' 50.047" N	438.2
246	3898055.91	281323.03	89° 23' 51.587" W	29° 15' 33.220" N	737.7
247	3898037.43	280795.80	89° 23' 51.896" W	29° 15' 28.004" N	49.7
248	3897760.86	280487.94	89° 23' 55.076" W	29° 15' 25.003" N	2509.3
249	3897760.19	281109.79	89° 23' 54.965" W	29° 15' 31.159" N	90.9
250	3897769.39	281172.41	89° 23' 54.849" W	29° 15' 31.777" N	105.9
251	3897779.50	282389.71	89° 23' 54.503" W	29° 15' 43.824" N	334.5
252	3897504.97	282180.84	89° 23' 57.642" W	29° 15' 41.803" N	399.6
253	3897524.93	281707.08	89° 23' 57.507" W	29° 15' 37.110" N	111.5
254	3897031.10	281425.56	89° 24' 3.135" W	29° 15' 34.406" N	55.2
255	3896779.15	281570.95	89° 24' 5.951" W	29° 15' 35.887" N	59.2
256	3896487.80	282750.39	89° 24' 9.016" W	29° 15' 47.610" N	470.6
257	3896530.09	282809.82	89° 24' 8.527" W	29° 15' 48.191" N	113.6
258	3895015.65	283149.34	89° 24' 25.558" W	29° 15' 51.804" N	21747
259	3895014.61	283982.41	89° 24' 25.412" W	29° 16' 0.050" N	1072.4
260	3895017.79	284032.61	89° 24' 25.366" W	29° 16' 0.547" N	1050.2
261	3893555.82	284491.05	89° 24' 41.783" W	29° 16' 5.327" N	1002.2
262	3893574.48	284421.39	89° 24' 41.586" W	29° 16' 4.635" N	9131.4
263	3893267.76	283375.77	89° 24' 45.246" W	29° 15' 54.336" N	969.8
264	3893268.41	284484.95	89° 24' 45.029" W	29° 16' 5.315" N	873.6
265	3893274.26	284519.17	89° 24' 44.956" W	29° 16' 5.652" N	1880.8

POINT NO.	X	Y	LONGITUDE	LATITUDE	INFLECTION
266	3893281.29	284569.24	89° 24' 44.867" W	29° 16' 6.147" N	340.6
267	3893019.12	284596.52	89° 24' 47.822" W	29° 16' 6.460" N	5970.7
268	3893023.91	283504.11	89° 24' 47.974" W	29° 15' 55.647" N	903.1
269	3893043.15	282565.59	89° 24' 47.935" W	29° 15' 46.354" N	1813.4
270	3892758.52	282700.83	89° 24' 51.122" W	29° 15' 47.740" N	428.6
271	3892767.27	283430.70	89° 24' 50.885" W	29° 15' 54.963" N	65.9
272	3892781.58	284642.12	89° 24' 50.495" W	29° 16' 6.951" N	1820.4
273	3892542.76	284690.51	89° 24' 53.182" W	29° 16' 7.470" N	403.8
274	3892518.21	282793.11	89° 24' 53.817" W	29° 15' 48.693" N	1205.5
275	3892283.08	282889.68	89° 24' 56.453" W	29° 15' 49.688" N	280.1
276	3891981.77	283011.09	89° 24' 59.832" W	29° 15' 50.939" N	264.5
277	3891775.17	283109.85	89° 25' 2.145" W	29° 15' 51.951" N	863.4
278	3891512.86	283226.15	89° 25' 5.084" W	29° 15' 53.146" N	531.1
279	3891520.65	283301.09	89° 25' 4.982" W	29° 15' 53.886" N	546.1
280	3891233.23	284732.85	89° 25' 7.957" W	29° 16' 8.106" N	16087
281	3891279.50	283331.94	89° 25' 7.699" W	29° 15' 54.231" N	980.6
282	3891276.03	283168.17	89° 25' 7.769" W	29° 15' 52.611" N	178.7
283	3890529.51	283310.39	89° 25' 16.169" W	29° 15' 54.142" N	599
284	3890516.86	283420.91	89° 25' 16.291" W	29° 15' 55.238" N	6579.7
285	3890273.21	283314.52	89° 25' 19.061" W	29° 15' 54.225" N	15259.5
286	3890058.22	282839.98	89° 25' 21.578" W	29° 15' 49.564" N	2585.2
287	3890017.16	282852.27	89° 25' 22.039" W	29° 15' 49.692" N	176
288	3889996.95	283039.92	89° 25' 22.232" W	29° 15' 51.553" N	2100.3
289	3889774.44	283203.21	89° 25' 24.713" W	29° 15' 53.206" N	2285.2
290	3889777.73	283165.79	89° 25' 24.683" W	29° 15' 52.835" N	4679.9
291	3889771.34	283123.05	89° 25' 24.763" W	29° 15' 52.413" N	10644.4
292	3889764.29	283088.62	89° 25' 24.849" W	29° 15' 52.073" N	7840.2
293	3889558.02	283410.08	89° 25' 27.117" W	29° 15' 55.289" N	2540.8
294	3889518.52	283301.26	89° 25' 27.583" W	29° 15' 54.219" N	2195.9
295	3889517.81	283279.40	89° 25' 27.595" W	29° 15' 54.002" N	3620.3
296	3889518.24	283256.06	89° 25' 27.595" W	29° 15' 53.771" N	6096.4
297	3889523.55	283154.62	89° 25' 27.554" W	29° 15' 52.766" N	14266
298	3889523.32	283059.14	89° 25' 27.575" W	29° 15' 51.821" N	7981.3
299	3891016.04	283447.53	89° 25' 10.651" W	29° 15' 55.419" N	235.1
300	3890738.80	284678.44	89° 25' 13.549" W	29° 16' 7.649" N	101.6
301	3890531.50	284477.26	89° 25' 15.927" W	29° 16' 5.692" N	11246.9
302	3890567.46	284161.65	89° 25' 15.580" W	29° 16' 2.562" N	64
303	3890235.65	283843.20	89° 25' 19.386" W	29° 15' 59.465" N	63
304	3890034.28	283876.79	89° 25' 21.653" W	29° 15' 59.830" N	635.8
305	3890032.16	284121.40	89° 25' 21.631" W	29° 16' 2.252" N	12718.1
306	3890030.30	284163.83	89° 25' 21.644" W	29° 16' 2.672" N	23316.9
307	3890046.51	280396.32	89° 25' 22.170" W	29° 15' 25.378" N	146.4
308	3890016.92	280727.96	89° 25' 22.441" W	29° 15' 28.665" N	351.3
309	3889997.31	280897.97	89° 25' 22.631" W	29° 15' 30.351" N	108.6
310	3889994.99	280930.03	89° 25' 22.651" W	29° 15' 30.669" N	1533.6
311	3889981.58	280975.83	89° 25' 22.794" W	29° 15' 31.125" N	354
312	3889974.71	281061.54	89° 25' 22.855" W	29° 15' 31.974" N	55.7
313	3889978.14	281185.97	89° 25' 22.793" W	29° 15' 33.205" N	73.3
314	3890273.34	280673.03	89° 25' 19.557" W	29° 15' 28.079" N	1981.3
315	3890770	280759.58	89° 25' 13.935" W	29° 15' 28.854" N	286.8
316	3891266.67	280794.26	89° 25' 8.322" W	29° 15' 29.115" N	516.9
317	3891509.75	280782.71	89° 25' 5.580" W	29° 15' 28.961" N	596.3
318	3891510.22	280733.83	89° 25' 5.584" W	29° 15' 28.477" N	965.3
319	3892274.18	280806.73	89° 24' 56.947" W	29° 15' 29.072" N	251.5
320	3893273.28	280818.99	89° 24' 45.667" W	29° 15' 29.027" N	147.6
321	3893280.03	280857.01	89° 24' 45.584" W	29° 15' 29.403" N	1356.9
322	3883997.41	279729.18	89° 26' 30.574" W	29° 15' 19.768" N	138.2
323	3883532.82	279756.95	89° 26' 35.813" W	29° 15' 20.118" N	616.2
324	3883010.58	279799.99	89° 26' 41.700" W	29° 15' 20.630" N	829.2
325	3882514.45	279853.33	89° 26' 47.290" W	29° 15' 21.239" N	923.6
326	3882275.46	280078.84	89° 26' 49.946" W	29° 15' 23.510" N	228.6
327	3882288.86	280229.61	89° 26' 49.766" W	29° 15' 25.000" N	51.3
328	3882019.1	279890.94	89° 26' 52.874" W	29° 15' 21.692" N	1038.4
329	3881783.46	279712.76	89° 26' 55.567" W	29° 15' 19.966" N	133.5
330	3881253.24	279993.57	89° 27' 1.500" W	29° 15' 22.832" N	140.2
331	3880985.61	279996.86	89° 27' 4.520" W	29° 15' 22.908" N	808.9
332	3880768.94	280020.61	89° 27' 6.961" W	29° 15' 23.178" N	1218
333	3880518.77	280044.37	89° 27' 9.781" W	29° 15' 23.454" N	399.4
334	3880274.3	280057.41	89° 27' 12.538" W	29° 15' 23.623" N	1270.4
335	3879997.74	280072.97	89° 27' 15.657" W	29° 15' 23.822" N	1030.8
336	3879775.29	280061.4	89° 27' 18.170" W	29° 15' 23.744" N	267.5
337	3879746.79	280255.28	89° 27' 18.456" W	29° 15' 25.667" N	131.1
338	3879484.4	280228.37	89° 27' 21.422" W	29° 15' 25.443" N	288.7
339	3879506.09	280047.25	89° 27' 21.211" W	29° 15' 23.647" N	498.3
340	3879456.08	280046.21	89° 27' 21.776" W	29° 15' 23.645" N	1243.9
341	3879468.16	280002.67	89° 27' 21.647" W	29° 15' 23.212" N	69
342	3879268.98	280023.63	89° 27' 23.892" W	29° 15' 23.452" N	1040.3
343	3879014.95	280002.4	89° 27' 26.763" W	29° 15' 23.283" N	1728.6
344	3878761.58	279915.81	89° 27' 29.639" W	29° 15' 22.467" N	491.8
345	3878758.08	279971.06	89° 27' 29.668" W	29° 15' 23.014" N	2491.8
346	3878569.54	279884.09	89° 27' 31.813" W	29° 15' 22.184" N	544.8
347	3878521.41	279946.97	89° 27' 32.344" W	29° 15' 22.814" N	554.4
348	3878519.98	280118.37	89° 27' 32.329" W	29° 15' 24.511" N	299.8

POINT NO.	X	Y	LONGITUDE	LATITUDE	INFLECTION
349	3878245.94	279923.21	89° 27' 35.458" W	29° 15' 22.624" N	424.2
350	3878018.41	279900.69	89° 27' 38.030" W	29° 15' 22.437" N	519.6
351	3877770.12	279866.66	89° 27' 40.839" W	29° 15' 22.141" N	1051.4
352	3877257.5	279811.79	89° 27' 46.636" W	29° 15' 21.681" N	1377.5
353	3877021.1	279792.09	89° 27' 49.308" W	29° 15' 21.524" N	1835.3
354	3876756.53	279762.09	89° 27' 52.300" W	29° 15' 21.269" N	568.3
355	3876524.12	279741.57	89° 27' 54.927" W	29° 15' 21.104" N	375
356	3876275.48	279778.81	89° 27' 57.726" W	29° 15' 21.513" N	192.6
357	3876264.6	279718	89° 27' 57.860" W	29° 15' 20.912" N	183.8
358	3875998.49	279690.01	89° 28' 0.869" W	29° 15' 20.678" N	374.4
359	3875764.7	279659.41	89° 28' 3.514" W	29° 15' 20.413" N	137.4
360	3875469.64	279624.26	89° 28' 6.851" W	29° 15' 20.113" N	1067.7
361	3875267.48	279603.03	89° 28' 9.136" W	29° 15' 19.935" N	272.8
362	3875017.78	279579.94	89° 28' 11.959" W	29° 15' 19.747" N	509.6
363	3875016.37	279670.71	89° 28' 11.958" W	29° 15' 20.645" N	702.9
364	3875007.81	279758.3	89° 28' 12.039" W	29° 15' 21.514" N	404
365	3874783.24	279562	89° 28' 14.610" W	29° 15' 19.607" N	431.5
366	3874509.34	279549.8	89° 28' 17.704" W	29° 15' 19.530" N	274.9
367	3874316.72	279499.04	89° 28' 19.887" W	29° 15' 19.059" N	1068.3
368	3879781.74	282057.67	89° 27' 17.728" W	29° 15' 43.502" N	112.6
369	3880253.72	282512.17	89° 27' 12.316" W	29° 15' 47.924" N	113.8
370	3881026.53	283530.3	89° 27' 3.403" W	29° 15' 57.876" N	253.9
371	3880797.07	284249.28	89° 27' 5.860" W	29° 16' 5.030" N	59
372	3876023.49	283524.91	89° 27' 59.882" W	29° 15' 58.633" N	170.4
373	3880779.48	282892.54	89° 27' 6.310" W	29° 15' 51.604" N	1503.9
374	3880010.04	283754.69	89° 27' 14.836" W	29° 16' 0.263" N	170.8
375	3879769.04	282977.17	89° 27' 17.701" W	29° 15' 52.606" N	57.5
376	3879777.78	283656.08	89° 27' 17.476" W	29° 15' 59.324" N	173.5
377	3878772.4	282698.39	89° 27' 29.003" W	29° 15' 50.008" N	131.3
378	3878756.36	280139.84	89° 27' 29.657" W	29° 15' 24.685" N	976.3
379	3879022.37	280181.11	89° 27' 26.646" W	29° 15' 25.051" N	62.3
380	3879231.29	280185.28	89° 27' 24.287" W	29° 15' 25.058" N	337.5
381	3880007.34	280238.4	89° 27' 15.518" W	29° 15' 25.458" N	291.7
382	3880304.75	280214.75	89° 27' 12.165" W	29° 15' 25.175" N	235.9
383	3880522.52	280202.71	89° 27' 9.709" W	29° 15' 25.021" N	193.8
384	3879511.87	280236.36	89° 27' 21.111" W	29° 15' 25.518" N	81.7
385	3877769.49	280751.37	89° 27' 40.683" W	29° 15' 30.898" N	115.1
386	3879811.06	279431.59	89° 27' 17.883" W	29° 15' 17.504" N	43.5
387	3879763.86	279037.44	89° 27' 18.488" W	29° 15' 13.610" N	66.5
388	3875437.7	281836.69	89° 28' 6.805" W	29° 15' 42.017" N	42.1
389	3874785.51	281686.88	89° 28' 14.194" W	29° 15' 40.639" N	119.7
390	3871921.24	281324.14	89° 28' 46.593" W	29° 15' 37.509" N	74
391	3871281	278088.47	89° 28' 54.410" W	29° 15' 5.583" N	73.6
392	3871514.9	276014.6	89° 28' 52.149" W	29° 14' 45.018" N	40
393	3871543.42	276382.17	89° 28' 51.760" W	29° 14' 48.652" N	305
394	3871512.41	276772.27	89° 28' 52.038" W	29° 14' 52.518" N	85.6
395	3871523.97	276944.96	89° 28' 51.876" W	29° 14' 54.226" N	50.2
396	3871506.73	276992.47	89° 28' 52.062" W	29° 14' 54.699" N	105
397	3871510.66	276975.45	89° 28' 52.021" W	29° 14' 54.530" N	91.4
398	3871523.78	278479.32	89° 28' 51.599" W	29° 15' 9.413" N	41.3
399	3871766.31	278124.96	89° 28' 48.926" W	29° 15' 5.867" N	85.9
400	3871798.87	277688.63	89° 28' 48.638" W	29° 15' 1.543" N	120.5
401	3872510.16	279268.51	89° 28' 40.321" W	29° 15' 17.067" N	164.4
402	3872752.51	276431.09	89° 28' 38.104" W	29° 14' 48.942" N	76.9
403	3872758.37	279317.37	89° 28' 37.510" W	29° 15' 17.511" N	184.2
404	3873042.57	279283.47	89° 28' 34.309" W	29° 15' 17.130" N	64.5
405	3873036.82	277897.91	89° 28' 34.627" W	29° 15' 3.416" N	44
406	3873005.87	277526.79	89° 28' 35.044" W	29° 14' 59.747" N	44
407	3873022.33	276582.27	89° 28' 35.031" W	29° 14' 50.396" N	78.1
408	3873233.01	279335.53	89° 28' 32.150" W	29° 15' 17.614" N	256.7
409	3873526.25	279340.44	89° 28' 28.839" W	29° 15' 17.616" N	44
410	3873531.22	278729.77	89° 28' 28.894" W	29° 15' 11.571" N	47.3
411	3873511.16	278172.09	89° 28' 29.223" W	29° 15' 6.054" N	53.9
412	3873511.59	278146.02	89° 28' 29.223" W	29° 15' 5.796" N	42.2
413	3873780.25	276998.93	89° 28' 26.401" W	29° 14' 54.398" N	219.9
414	3873784.39	279436.81	89° 28' 25.907" W	29° 15' 18.528" N	483.1
415	3874011.22	279426.24	89° 28' 23.349" W	29° 15' 18.387" N	600
416	3874009.58	278566.14	89° 28' 23.525" W	29° 15' 9.874" N	67.4
417	3874270.82	277071.41	89° 28' 20.850" W	29° 14' 55.037" N	43.6
418	3874287.7	279449.93	89° 28' 20.224" W	29° 15' 18.577" N	455.6
419	3874519.39	279477.83	89° 28' 17.603" W	29° 15' 18.816" N	222
420	3874510.08	279307.5	89° 28' 17.740" W	29° 15' 17.132" N	53.3
421	3875153.21	279433.92	89° 28' 10.457" W	29° 15' 18.280" N	300
422	3875214.71	279464.23	89° 28' 9.758" W	29° 15' 18.570" N	1174.1
423	3875143.83	279519.83	89° 28' 10.547" W	29° 15' 19.132" N	479.2
424	3875040.72	279566.09	89° 28' 11.703" W	29° 15' 19.606" N	221.5
425	3875018.39	279664.05	89° 28' 11.937" W	29° 15' 20.579" N	574.3
426	3875012.02	279795.75	89° 28' 11.985" W	29° 15' 21.884" N	412.2
427	3875276.35	279777.7	89° 28' 9.004" W	29° 15' 21.663" N	193.5
428	3875217.11	279676.49	89° 28' 9.692" W	29° 15' 20.670" N	98.5
429	3875274.22	279617.38	89° 28' 9.058" W	29° 15' 20.076" N	190.2
430	3875204.99	279480.89	89° 28' 9.864" W	29° 15' 18.736" N	1085.3
431	3875267.8	279408.28	89° 28' 9.169" W	29° 15' 18.007" N	2798.2

POINT NO.	X	Y	LONGITUDE	LATITUDE	INFLECTION
432	3875266.63	279424	89° 28' 9.179" W	29° 15' 18.163" N	909.4
433	3875258.72	279281.12	89° 28' 9.294" W	29° 15' 16.750" N	407.3
434	3875553.07	279807.77	89° 28' 5.875" W	29° 15' 21.916" N	558.7
435	3875429.61	279759.46	89° 28' 7.278" W	29° 15' 21.457" N	124.4
436	3875502.75	279633.45	89° 28' 6.475" W	29° 15' 20.198" N	897.6
437	3875390.68	279558.43	89° 28' 7.754" W	29° 15' 19.474" N	116.9
438	3875249.54	279440.56	89° 28' 9.369" W	29° 15' 18.330" N	2558.4
439	3875552.9	278924.65	89° 28' 6.039" W	29° 15' 13.174" N	246.2
440	3875784.32	278676.28	89° 28' 3.473" W	29° 15' 10.679" N	383.4
441	3875771.14	278923.98	89° 28' 3.576" W	29° 15' 13.133" N	584.1
442	3876284.69	279718.26	89° 27' 57.633" W	29° 15' 20.912" N	399.2
443	3876420.77	279757.01	89° 27' 56.090" W	29° 15' 21.273" N	85.8
444	3876304.22	279878.33	89° 27' 57.384" W	29° 15' 22.493" N	135.4
445	3875776.63	279832.09	89° 28' 3.347" W	29° 15' 22.120" N	216.7
446	3876010.14	283535.79	89° 28' 0.030" W	29° 15' 58.743" N	82.9
447	3876005.33	283420.92	89° 28' 0.106" W	29° 15' 57.607" N	47.8
448	3876018.92	281620.14	89° 28' 0.284" W	29° 15' 39.780" N	65.1
449	3876011.6	279859.5	89° 28' 0.690" W	29° 15' 22.354" N	82.3
450	3876296	279872.85	89° 27' 57.477" W	29° 15' 22.440" N	71.3
451	3876301.94	279703.96	89° 27' 57.441" W	29° 15' 20.767" N	282.1
452	3876023.64	278677.74	89° 28' 0.771" W	29° 15' 10.655" N	278.2
453	3876257.24	279716.6	89° 27' 57.944" W	29° 15' 20.900" N	223.3
454	3876276.99	279878.18	89° 27' 57.691" W	29° 15' 22.496" N	296.7
455	3876270.44	283737.33	89° 27' 57.055" W	29° 16' 0.696" N	91.2
456	3876272.91	283759.74	89° 27' 57.023" W	29° 16' 0.917" N	158.8
457	3876509.35	283740.92	89° 27' 54.357" W	29° 16' 0.693" N	73.7
458	3876514.24	280802.98	89° 27' 54.843" W	29° 15' 31.612" N	76.6
459	3876516.75	280318.24	89° 27' 54.904" W	29° 15' 26.813" N	62.8
460	3876513.24	279909.26	89° 27' 55.019" W	29° 15' 22.765" N	162.1
461	3876517.16	279767.61	89° 27' 55.000" W	29° 15' 21.363" N	301.7
462	3876782.19	279735.6	89° 27' 52.015" W	29° 15' 21.003" N	1416
463	3876772.24	279939.48	89° 27' 52.090" W	29° 15' 23.023" N	166.3
464	3876786.92	280495.16	89° 27' 51.822" W	29° 15' 28.521" N	42.3
465	3876724.04	283204.53	89° 27' 52.032" W	29° 15' 55.349" N	60.7
466	3876694.89	283294.06	89° 27' 52.345" W	29° 15' 56.240" N	55.5
467	3876763.1	283621.17	89° 27' 51.515" W	29° 15' 59.467" N	56.5
468	3877013.66	279967.18	89° 27' 49.359" W	29° 15' 23.258" N	108.1
469	3877019.17	279780.98	89° 27' 49.331" W	29° 15' 21.414" N	1496.4
470	3877519.2	280011.64	89° 27' 43.645" W	29° 15' 23.616" N	111
471	3877521.92	279840.98	89° 27' 43.646" W	29° 15' 21.927" N	186.4
472	3877520.2	279760.72	89° 27' 43.680" W	29° 15' 21.133" N	160.2
473	3877510.77	279375.58	89° 27' 43.857" W	29° 15' 17.322" N	60.7
474	3877783.24	279863.06	89° 27' 40.692" W	29° 15' 22.103" N	235.6
475	3877783.6	280043.74	89° 27' 40.654" W	29° 15' 23.891" N	101.7
476	3877764.39	280737.55	89° 27' 40.743" W	29° 15' 30.762" N	57.7
477	3878019.8	280072.24	89° 27' 37.983" W	29° 15' 24.135" N	158.3
478	3878016.07	279905.99	89° 27' 38.056" W	29° 15' 22.490" N	590.8
479	3878272.79	279906.99	89° 27' 35.158" W	29° 15' 22.459" N	332.9
480	3878272.79	280104.38	89° 27' 35.121" W	29° 15' 24.412" N	49.8
481	3878523.99	280806.52	89° 27' 32.156" W	29° 15' 31.322" N	72
482	3878528.91	280120.8	89° 27' 32.227" W	29° 15' 24.534" N	159.7
483	3878519.38	279953.46	89° 27' 32.366" W	29° 15' 22.879" N	395.1
484	3878773.68	279890.24	89° 27' 29.507" W	29° 15' 22.212" N	193.9
485	3878773.28	279966.75	89° 27' 29.498" W	29° 15' 22.969" N	1099.2
486	3878773.97	280143.74	89° 27' 29.457" W	29° 15' 24.721" N	1207.9
487	3879016.6	280170.59	89° 27' 26.713" W	29° 15' 24.947" N	425.2
488	3879013.55	279977.87	89° 27' 26.783" W	29° 15' 23.040" N	560.6
489	3879274.91	280010.01	89° 27' 23.827" W	29° 15' 23.316" N	548.8
490	3879275.27	280193.4	89° 27' 23.789" W	29° 15' 25.131" N	251.6
491	3879774.19	282142.14	89° 27' 17.797" W	29° 15' 44.339" N	293.5
492	3880772.43	283828.56	89° 27' 6.216" W	29° 16' 0.870" N	54.8
493	3880772.63	282887.77	89° 27' 6.388" W	29° 15' 51.558" N	71.8
494	3880762.19	280184.41	89° 27' 7.007" W	29° 15' 24.801" N	109.7
495	3880758.59	280018.77	89° 27' 7.079" W	29° 15' 23.162" N	991.2
496	3880509.11	280076.72	89° 27' 9.884" W	29° 15' 23.776" N	350.9
497	3880515.73	280217.06	89° 27' 9.783" W	29° 15' 25.164" N	41.2
498	3880277.67	280218.3	89° 27' 12.470" W	29° 15' 25.215" N	79.3
499	3880267.69	280050.05	89° 27' 12.614" W	29° 15' 23.551" N	1146.3
500	3880010.53	280062.86	89° 27' 15.514" W	29° 15' 23.720" N	493.9
501	3880024.04	280230.62	89° 27' 15.331" W	29° 15' 25.378" N	343.6
502	3879530.49	280055.15	89° 27' 20.934" W	29° 15' 23.721" N	173
503	3880999.4	279987.8	89° 27' 4.366" W	29° 15' 22.816" N	1169.2
504	3881017.24	280166.41	89° 27' 4.132" W	29° 15' 24.581" N	86.8
505	3881292.91	280146.96	89° 27' 1.024" W	29° 15' 24.344" N	221.2
506	3881258.43	279973.9	89° 27' 1.445" W	29° 15' 22.636" N	544.5
507	3881460.2	279916.31	89° 26' 59.178" W	29° 15' 22.034" N	235.6
508	3885272.95	279717.26	89° 26' 16.179" W	29° 15' 19.441" N	758.9
509	3885268.16	279910.61	89° 26' 16.197" W	29° 15' 21.356" N	76.9
510	3885512.57	279973.06	89° 26' 13.426" W	29° 15' 21.934" N	431.3
511	3885669.16	279971.9	89° 26' 11.659" W	29° 15' 21.897" N	107.4
512	3885523.48	279822.87	89° 26' 13.331" W	29° 15' 20.445" N	86.5
513	3885539.97	279695.24	89° 26' 13.169" W	29° 15' 19.179" N	31719
514	3885527.05	279503.11	89° 26' 13.351" W	29° 15' 17.280" N	301.5

Morris P. Hebert, Inc.
SURVEYING • ENGINEERING • ENVIRONMENTAL • GIS
P.O. BOX 3106 * 283 CORPORATE DRIVE * HOUMA, LOUISIANA 70361 * (985) 879-2731
HOUMA, LA. * HOUSTON, TX. * SAN ANTONIO, TX. * MIDLAND, TX.
TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MAGNETOMETER SURVEY
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT (BA-203)
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY: JNIII	SHEET: 72 OF 86
CHECKED BY: JCM	SCALE:
APPROVED BY: JCM	DATE: 12/07/2018
UPDATED:	JOB NO. 13002-01
MPH GIS FILE: 1300201MAG0002A0.MXD	

G:\CPRA\13002.01\Maps\1300201MAG0002A0.mxd

POINT NO.	X	Y	LONGITUDE	LATITUDE	INFLECTION
515	3885793.66	279103.9	89° 26' 10.416" W	29° 15' 13.285" N	40
516	3885776.61	279849.59	89° 26' 10.469" W	29° 15' 20.668" N	1328.5
517	3885771.74	280037.38	89° 26' 10.489" W	29° 15' 22.528" N	157.9
518	3886017.93	280087.33	89° 26' 7.701" W	29° 15' 22.982" N	410.5
519	3886022.76	279915.85	89° 26' 7.678" W	29° 15' 21.284" N	682.1
520	3886268.65	279966.74	89° 26' 4.893" W	29° 15' 21.747" N	493.1
521	3886250.41	280142.77	89° 26' 5.066" W	29° 15' 23.493" N	223.7
522	3886513.08	280207.69	89° 26' 2.089" W	29° 15' 24.092" N	260.1
523	3886523.37	280023.87	89° 26' 2.007" W	29° 15' 22.271" N	877.9
524	3886541.74	279769.85	89° 26' 1.848" W	29° 15' 19.754" N	123.5
525	3886777.89	278374.79	89° 25' 59.443" W	29° 15' 5.906" N	293.4
526	3886778.85	278478.88	89° 25' 59.413" W	29° 15' 6.936" N	1490
527	3886777.24	278580.11	89° 25' 59.412" W	29° 15' 7.939" N	2072
528	3886777.54	278631.61	89° 25' 59.399" W	29° 15' 8.448" N	598.3
529	3886774.06	279509.69	89° 25' 59.274" W	29° 15' 17.140" N	56.6
530	3886762.47	280068.77	89° 25' 59.300" W	29° 15' 22.676" N	73.4
531	3886766.09	280261.2	89° 25' 59.223" W	29° 15' 24.580" N	119.1
532	3887009.82	280312.84	89° 25' 56.462" W	29° 15' 25.051" N	312.3
533	3886998.32	280128.48	89° 25' 56.627" W	29° 15' 23.228" N	746.2
534	3887011.02	278735.34	89° 25' 56.744" W	29° 15' 9.437" N	2394.4
535	3887013.36	278692.58	89° 25' 56.726" W	29° 15' 9.013" N	14860.7
536	3887018.79	278617.49	89° 25' 56.679" W	29° 15' 8.269" N	966.4
537	3887521.5	278992.26	89° 25' 50.934" W	29° 15' 11.896" N	2491.7
538	3887520.72	279043.43	89° 25' 50.934" W	29° 15' 12.403" N	1749.5
539	3887545.72	280273.41	89° 25' 50.421" W	29° 15' 24.573" N	583.4
540	3887510.08	280418.4	89° 25' 50.796" W	29° 15' 26.014" N	174.9
541	3887758.87	280478.56	89° 25' 47.976" W	29° 15' 26.569" N	275.4
542	3887766.51	280302.59	89° 25' 47.923" W	29° 15' 24.826" N	698.5
543	3887758.52	280278.62	89° 25' 48.018" W	29° 15' 24.590" N	157.1
544	3887773.47	279219.89	89° 25' 48.048" W	29° 15' 14.108" N	30805.6
545	3888024.91	278965.63	89° 25' 45.257" W	29° 15' 11.550" N	92.1
546	3888020.18	279010.81	89° 25' 45.302" W	29° 15' 11.998" N	253.6
547	3888011.81	279140.78	89° 25' 45.372" W	29° 15' 13.285" N	6804.1
548	3888007.38	279175.86	89° 25' 45.416" W	29° 15' 13.633" N	9892.5
549	3888015.63	280353.96	89° 25' 45.102" W	29° 15' 25.293" N	231.4
550	3888034.26	280537.46	89° 25' 44.857" W	29° 15' 27.106" N	92.2
551	3888262.29	280406.33	89° 25' 42.308" W	29° 15' 25.771" N	1626.9
552	3888281.14	279201.7	89° 25' 42.321" W	29° 15' 13.844" N	502
553	3888278.26	279127.86	89° 25' 42.367" W	29° 15' 13.114" N	1059.4
554	3888272.96	279019.2	89° 25' 42.447" W	29° 15' 12.039" N	230.5
555	3888271.44	278953.61	89° 25' 42.477" W	29° 15' 11.390" N	2119.6
556	3888270.85	278888.99	89° 25' 42.496" W	29° 15' 10.750" N	341.6
557	3888519.36	278749.37	89° 25' 39.717" W	29° 15' 9.328" N	377.6
558	3888526.66	278818.2	89° 25' 39.622" W	29° 15' 10.008" N	904.7
559	3888531.43	278877.86	89° 25' 39.557" W	29° 15' 10.597" N	10206.5
560	3888524.82	279014.55	89° 25' 39.605" W	29° 15' 11.951" N	3246.1
561	3888781.29	280518.46	89° 25' 36.428" W	29° 15' 26.795" N	84.6
562	3888806.16	280540.59	89° 25' 36.143" W	29° 15' 27.010" N	1354
563	3888617.9	278972.47	89° 25' 38.563" W	29° 15' 11.520" N	1934.5
564	3888629.52	278816.56	89° 25' 38.461" W	29° 15' 9.974" N	110.6
565	3888766.05	278682.37	89° 25' 36.945" W	29° 15' 8.624" N	840.2
566	3888908.08	278730.86	89° 25' 35.333" W	29° 15' 9.080" N	5234.4
567	3888955.95	278889.56	89° 25' 34.763" W	29° 15' 10.643" N	358.2
568	3889023.18	280577.61	89° 25' 33.687" W	29° 15' 27.341" N	811.4
569	3889266.24	280645.45	89° 25' 30.930" W	29° 15' 27.972" N	355.6
570	3889275.06	280284.56	89° 25' 30.899" W	29° 15' 24.399" N	1557.9
571	3889271.24	280196.56	89° 25' 30.958" W	29° 15' 23.528" N	1411.5
572	3889269.5	280155.42	89° 25' 30.986" W	29° 15' 23.121" N	3690.2
573	3890081.27	280733.39	89° 25' 21.714" W	29° 15' 28.708" N	974.7
574	3890081.06	280734.6	89° 25' 21.716" W	29° 15' 28.720" N	984.4
575	3889767.36	283984.89	89° 25' 24.646" W	29° 16' 0.944" N	1194.1
576	3890023.2	284155.53	89° 25' 21.725" W	29° 16' 2.591" N	1584.9
577	3890023.31	284122.39	89° 25' 21.730" W	29° 16' 2.263" N	1553
578	3890023.15	284083.16	89° 25' 21.740" W	29° 16' 1.875" N	1673.6
579	3890024.78	283875.22	89° 25' 21.760" W	29° 15' 59.816" N	424.7
580	3890021.07	282777.82	89° 25' 22.009" W	29° 15' 48.955" N	114.1
581	3890022.78	282733.59	89° 25' 21.998" W	29° 15' 48.516" N	1127.2
582	3890024.8	282660.61	89° 25' 21.989" W	29° 15' 47.794" N	722.6
583	3889985.47	282476.93	89° 25' 22.467" W	29° 15' 45.982" N	128.2
584	3890007.46	282412.47	89° 25' 22.231" W	29° 15' 45.340" N	248.8
585	3889915.08	281647.86	89° 25' 23.418" W	29° 15' 37.787" N	470.3
586	3889872.08	281527.12	89° 25' 23.926" W	29° 15' 36.599" N	359.5
587	3889928.76	281520.37	89° 25' 23.287" W	29° 15' 36.523" N	8240.5
588	3889994.17	281555.42	89° 25' 22.542" W	29° 15' 36.859" N	646.2
589	3890024.83	281327.12	89° 25' 22.239" W	29° 15' 34.595" N	5315.9
590	3890025.53	281208.39	89° 25' 22.254" W	29° 15' 33.419" N	1024.3
591	3890027.56	280895.97	89° 25' 22.290" W	29° 15' 30.327" N	75.2
592	3890023.27	280732.32	89° 25' 22.369" W	29° 15' 28.707" N	879.4
593	3889987.48	280238.52	89° 25' 22.866" W	29° 15' 23.826" N	13326
594	3890042	280164.36	89° 25' 22.264" W	29° 15' 23.082" N	241.7
595	3890013.05	280059.24	89° 25' 22.611" W	29° 15' 22.047" N	152.8
596	3890109.16	279616.8	89° 25' 21.609" W	29° 15' 17.652" N	1481
597	3890144.75	279549.15	89° 25' 21.220" W	29° 15' 16.976" N	569.3

POINT NO.	X	Y	LONGITUDE	LATITUDE	INFLECTION
598	3890159.32	279521.76	89° 25' 21.061" W	29° 15' 16.703" N	370.1
599	3890207.06	279416.54	89° 25' 20.542" W	29° 15' 15.653" N	6080
600	3890281.51	280662.99	89° 25' 19.467" W	29° 15' 27.978" N	1744.7
601	3890309.68	280628.52	89° 25' 19.156" W	29° 15' 27.633" N	14940
602	3890309.36	280625.8	89° 25' 19.160" W	29° 15' 27.606" N	20751
603	3890268.38	280756.51	89° 25' 19.598" W	29° 15' 28.906" N	206.9
604	3890211.97	280805.56	89° 25' 20.225" W	29° 15' 29.401" N	518.6
605	3890159.77	280891.21	89° 25' 20.798" W	29° 15' 30.258" N	5702.9
606	3890288.66	280927.84	89° 25' 19.336" W	29° 15' 30.599" N	832.1
607	3890279.03	280968.66	89° 25' 19.437" W	29° 15' 31.004" N	2260.3
608	3890272.81	281002.76	89° 25' 19.501" W	29° 15' 31.343" N	778
609	3890245.58	281345.81	89° 25' 19.744" W	29° 15' 34.743" N	253.2
610	3890266.9	281471.96	89° 25' 19.480" W	29° 15' 35.988" N	10722.7
611	3890267.52	281641.06	89° 25' 19.441" W	29° 15' 37.662" N	1194.7
612	3890267.45	281703.53	89° 25' 19.430" W	29° 15' 38.280" N	291.1
613	3890290.06	281738.09	89° 25' 19.168" W	29° 15' 38.619" N	1231
614	3890520.82	281693.69	89° 25' 16.572" W	29° 15' 38.141" N	2450.4
615	3890522.6	281442.93	89° 25' 16.599" W	29° 15' 35.659" N	3680.1
616	3890511.91	280753.76	89° 25' 16.849" W	29° 15' 28.839" N	470.4
617	3890773.46	280771.12	89° 25' 13.894" W	29° 15' 28.968" N	204.9
618	3890782.71	280931.45	89° 25' 13.759" W	29° 15' 30.553" N	168.5
619	3890791.8	281769.78	89° 25' 13.498" W	29° 15' 38.849" N	936.9
620	3891012.39	281832.12	89° 25' 10.997" W	29° 15' 39.430" N	466.4
621	3891018.38	280934.07	89° 25' 11.098" W	29° 15' 30.540" N	113.5
622	3891020.64	280782.66	89° 25' 11.101" W	29° 15' 29.041" N	538.2
623	3891263.95	280954.96	89° 25' 8.323" W	29° 15' 30.706" N	68.6
624	3891268.07	281878.68	89° 25' 8.102" W	29° 15' 39.849" N	2159.8
625	3891524.54	282011.23	89° 25' 5.182" W	29° 15' 41.118" N	763.3
626	3891516.19	280959.1	89° 25' 5.475" W	29° 15' 30.705" N	316.9
627	3891526	280801.6	89° 25' 5.393" W	29° 15' 29.145" N	215.4
628	3891505.93	280685.14	89° 25' 5.642" W	29° 15' 27.995" N	73.4
629	3891770.75	280809.21	89° 25' 2.629" W	29° 15' 29.180" N	144
630	3891689.85	280823.85	89° 25' 3.540" W	29° 15' 29.338" N	150.4
631	3891563.29	280965.68	89° 25' 4.942" W	29° 15' 30.763" N	360.1
632	3891777.87	281944.69	89° 25' 2.335" W	29° 15' 40.418" N	2288.9
633	3892010.66	281879.79	89° 24' 59.719" W	29° 15' 39.737" N	3806.6
634	3892026.75	280988.73	89° 24' 59.706" W	29° 15' 30.914" N	1427.2
635	3892028.06	280812.92	89° 24' 59.724" W	29° 15' 29.174" N	767.2
636	3892563.3	280836.66	89° 24' 53.678" W	29° 15' 29.320" N	459.7
637	3892559.37	281012.68	89° 24' 53.689" W	29° 15' 31.063" N	94.2
638	3892519.6	281338.36	89° 24' 54.077" W	29° 15' 34.293" N	120.5
639	3892398.69	281791.94	89° 24' 55.356" W	29° 15' 38.803" N	2581.7
640	3892495.83	281970.04	89° 24' 54.226" W	29° 15' 40.550" N	1369.5
641	3892816.1	281859.14	89° 24' 50.631" W	29° 15' 39.399" N	938.2
642	3892896.87	281837.67	89° 24' 49.724" W	29° 15' 39.173" N	388.9
643	3892909.88	281810.33	89° 24' 49.582" W	29° 15' 38.900" N	84
644	3892751.33	281704.52	89° 24' 51.392" W	29° 15' 37.879" N	1543.8
645	3892770.82	281498.24	89° 24' 51.211" W	29° 15' 35.834" N	159.1
646	3892772.8	281020.96	89° 24' 51.279" W	29° 15' 31.110" N	153.9
647	3892769.26	280858.51	89° 24' 51.349" W	29° 15' 29.502" N	189.1
648	3893012.05	281632.77	89° 24' 48.462" W	29° 15' 37.126" N	424.2
649	3893015.07	281754.52	89° 24' 48.405" W	29° 15' 38.330" N	451.1
650	3893026.57	281844.72	89° 24' 48.258" W	29° 15' 39.221" N	1602.8
651	3893270.35	281799.25	89° 24' 45.515" W	29° 15' 38.731" N	492.1
652	3893260.23	281568.43	89° 24' 45.673" W	29° 15' 36.448" N	1171.7
653	3893271.64	281419.53	89° 24' 45.572" W	29° 15' 34.972" N	272.6
654	3893284.33	281039.62	89° 24' 45.501" W	29° 15' 31.209" N	191.3
655	3893263.33	280863.9	89° 24' 45.771" W	29° 15' 29.474" N	1010.1
656	3893535.7	280869.25	89° 24' 42.696" W	29° 15' 29.481" N	1113.6
657	3893528.53	281045.21	89° 24' 42.743" W	29° 15' 31.224" N	363.7
658	3893520.63	281315.68	89° 24' 42.781" W	29° 15' 33.903" N	173.8
659	3893515.87	281496.19	89° 24' 42.801" W	29° 15' 35.690" N	1510
660	3893530.81	281714.92	89° 24' 42.591" W	29° 15' 37.853" N	685.1
661	3893767.64	281672.98	89° 24' 39.926" W	29° 15' 37.398" N	491.1
662	3893760.38	281447.42	89° 24' 40.050" W	29° 15' 35.167" N	1099.6
663	3893766.98	281181.57	89° 24' 40.026" W	29° 15' 32.534" N	649.5
664	3893767.05	281059.02	89° 24' 40.048" W	29° 15' 31.321" N	135.6
665	3893766.57	280871.79	89° 24' 40.089" W	29° 15' 29.468" N	379.1
666	3894024.28	280885.27	89° 24' 37.178" W	29° 15' 29.559" N	1722.7
667	3894028.61	281069.23	89° 24' 37.094" W	29° 15' 31.379" N	1328.6
668	3894013.97	281356.28	89° 24' 37.205" W	29° 15' 34.223" N	4472.7
669	3894022.56	281589.81	89° 24' 37.064" W	29° 15' 36.533" N	236.8
670	3894044.93	281695.62	89° 24' 36.791" W	29° 15' 37.576" N	188
671	3894029.62	282129.76	89° 24' 36.882" W	29° 15' 41.876" N	374.6
672	3894054.46	282313.87	89° 24' 36.566" W	29° 15' 43.694" N	851.9
673	3894266.98	282416.69	89° 24' 34.148" W	29° 15' 44.677" N	396.4
674	3894270.32	282276.7	89° 24' 34.137" W	29° 15' 43.291" N	1747.2
675	3894243.39	282003.88	89° 24' 34.493" W	29° 15' 40.595" N	1225.9
676	3894267.07	281528.08	89° 24' 34.315" W	29° 15' 35.881" N	4245.5
677	3894340.54	281482.98	89° 24' 33.495" W	29° 15' 35.423" N	1048
678	3894287.28	281299.32	89° 24' 34.131" W	29° 15' 33.613" N	808.9
679	3894260.87	280900.01	89° 24' 34.504" W	29° 15' 29.665" N	725.6
680	3894260.61	280762.22	89° 24' 34.534" W	29° 15' 28.302" N	491.7

POINT NO.	X	Y	LONGITUDE	LATITUDE	INFLECTION
681	3894482.63	280743.57	89° 24' 32.031" W	29° 15' 28.080" N	1010.9
682	3894511.05	280884.87	89° 24' 31.683" W	29° 15' 29.474" N	288.4
683	3894527.59	281069.22	89° 24' 31.462" W	29° 15' 31.296" N	78.4
684	3894520.87	281226.23	89° 24' 31.508" W	29° 15' 32.851" N	901.2
685	3894523.39	281485.35	89° 24' 31.430" W	29° 15' 35.416" N	244.7
686	3894534.56	281826.57	89° 24' 31.239" W	29° 15' 38.791" N	119.4
687	3894533.23	282188.68	89° 24' 31.186" W	29° 15' 42.376" N	415.8
688	3894468.02	282456.14	89° 24' 31.871" W	29° 15' 45.034" N	1824.2
689	3894987.3	281462.21	89° 24' 26.198" W	29° 15' 35.109" N	9382
690	3895001.27	281336.84	89° 24' 26.064" W	29° 15' 33.866" N	1447
691	3895015.42	281055.75	89° 24' 25.958" W	29° 15' 31.081" N	1010.9
692	3895015.93	280963.49	89° 24' 25.970" W	29° 15' 30.168" N	165.4
693	3895014.25	280783.64	89° 24' 26.023" W	29° 15' 28.388" N	687.3
694	3895279.5	280743.99	89° 24' 23.036" W	29° 15' 27.952" N	587
695	3895277.48	280941.59	89° 24' 23.021" W	29° 15' 29.908" N	844.2
696	3895287.88	281276.27	89° 24' 22.840" W	29° 15' 33.219" N	977.1
697	3895496.66	281205.39	89° 24' 20.497" W	29° 15' 32.483" N	2301
698	3895504.66	281093.49	89° 24' 20.428" W	29° 15' 31.374" N	113.7
699	3895514.14	280871.29	89° 24' 20.363" W	29° 15' 29.173" N	1442
700	3895516.05	280811.12	89° 24' 20.353" W	29° 15' 28.577" N	1409
701	3895525.42	280693.92	89° 24' 20.270" W	29° 15' 27.415" N	469.6
702	3895789.49	280654.89	89° 24' 17.296" W	29° 15' 26.985" N	1167.1
703	3895774.52	280821.87	89° 24' 17.434" W	29° 15' 28.640" N	139.6
704	3895769.69	280961.16	89° 24' 17.462" W	29° 15' 30.020" N	239
705	3895771.36	281116.91	89° 24' 17.413" W	29° 15' 31.561" N	938.1
706	3896026.79	281071	89° 24' 14.539" W	29° 15' 31.064" N	730.8
707	3896018.37	280779.87	89° 24' 14.689" W	29° 15' 28.184" N	727.7
708	3896012.97	280617.94	89° 24' 14.781" W	29° 15' 26.582" N	1212.6
709	3896275.52	280549.72	89° 24' 11.830" W	29° 15' 25.863" N	380.1
710	3896269.08	280584.06	89° 24' 11.896" W	29° 15' 26.204" N	695.7
711	3896236.86	280740.73	89° 24' 12.230" W	29° 15' 27.760" N	904.3
712	3896280.79	280733.73	89° 24' 11.736" W	29° 15' 27.683" N	385.2
713	3896286.95	280737.16	89° 24' 11.666" W	29° 15' 27.716" N	616.4
714	3896272.99	280994.1	89° 24' 11.774" W	29° 15' 30.262" N	199.3
715	3896268.09	281058.4	89° 24' 11.817" W	29° 15' 30.899" N	83.8
716	3896526.99	280956.64	89° 24' 8.914" W	29° 15' 29.849" N	761
717	3896485.01	280904.11	89° 24' 9.398" W	29° 15' 29.336" N	143.2
718	3896510.97	280698.59	89° 24' 9.144" W	29° 15' 27.297" N	90.6
719	3896479.66	280604.29	89° 24' 9.516" W	29° 15' 26.369" N	78.9
720	3896786.12	280647.22	89° 24' 6.048" W	29° 15' 26.743" N	113.4
721	3896766.21	280865.83	89° 24' 6.231" W	29° 15' 28.910" N	1731.9
722	3896928.89	280882.39	89° 24' 4.392" W	29° 15' 29.047" N	281.6
723	3897029	280818.53	89° 24' 3.274" W	29° 15' 28.398" N	802.7
724	3897021.84	280615.81	89° 24' 3.394" W	29° 15' 26.392" N	95.8
725	3897500.13	280610.18	89° 23' 57.996" W	29° 15' 26.257" N	384.8
726	3897757.88	280493.81	89° 23' 55.109" W	29° 15' 25.062" N	1790.5
727	3898015.32	280448.74	89° 23' 52.211" W	29° 15' 24.573" N	251.2
728	3898525.69	280372.29	89° 23' 46.465" W	29° 15' 23.731" N	169.1
729	3897017.26	283342.61	89° 24' 2.926" W	29° 15' 53.384" N	1553.7
730	3897019.29	283422.91	89° 24' 2.888" W	29° 15' 54.178" N	139.2
731	3890262.73	283783.02	89° 25' 19.092" W	29° 15' 58.864" N	218.5
732	3890292.27	282894.86	89° 25' 18.925" W	29° 15' 50.068" N	4403.9
733	3890265.77	282562.04	89° 25' 19.287" W	29° 15' 46.778" N	568
734	3890261.12	282400.46	89° 25' 19.370" W	29° 15' 45.180" N	368.4
735	3890260.55	282337.18	89° 25' 19.388" W	29° 15' 44.553" N	2256
736	3890495.23	281906.49	89° 25' 16.820" W	29° 15' 40.252" N	118
737	3890527.02	282268.93	89° 25' 16.393" W	29° 15' 43.834" N	1706
738	3890524.64	282332.01	89° 25' 16.408" W	29° 15' 44.459" N	168.7
739	3890504.69	282535.78	89° 25' 16.595" W	29° 15' 46.479" N	849.8
740	3890522.93	282678.34	89° 25' 16.362" W	29° 15' 47.887" N	273.9
741	3890508.67	282823.3	89° 25' 16.496" W	29° 15' 49.324" N	259.4
742	3890514.94	283030.89	89° 25' 16.386" W	29° 15' 51.378" N	6097.5
743	3890524	283419.43	89° 25' 16.211" W	29° 15' 55.222" N	2857.2
744	3890600.08	283584.96	89° 25' 15.321" W	29° 15' 56.848" N	2435.4
745	3890548.5	283618.16	89° 25' 15.897" W	29° 15' 57.185" N	266.2
746	3890513.83	283666.71	89° 25' 16.279" W	29° 15' 57.672" N	716.2
747	3890529.12	283756.67	89° 25' 16.089" W	29° 15' 58.560" N	1650.6
748	3890777.85	283639.1	89° 25' 13.304" W	29° 15' 57.355" N	2681.3
749	3890718.16	282442.7	89° 25' 14.203" W	29° 15' 45.522" N	1139.4
750	3890771.42	282267.4	89° 25' 13.635" W	29° 15' 43.778" N	338.6
751	3890772.58	282216.24	89° 25' 13.631" W	29° 15' 43.272" N	802.4
752	3891007.27	282162.06	89° 25' 10.992" W	29° 15' 42.697" N	320.6
753	3890756.37	282266.95	89° 25' 13.805" W	29° 15' 43.776" N	669
754	3890721.51	282432.26	89° 25' 14.167" W	29° 15' 45.418" N	505
755	3890880.2	282367.03	89° 25' 12.388" W	29° 15' 44.747" N	538.4
756	3891018.59	282369.88	89° 25' 10.825" W	29° 15' 44.752" N	1746.5
757	3890867.4	282482.89	89° 25' 12.511" W	29° 15' 45.895" N	62.7
758	3890859.39	282492.25	89° 25' 12.599" W	29° 15' 45.989" N	67.4
759	3891010.6	282451.47	89° 25' 10.900" W	29° 15' 45.561" N	53.1
760	3891260.97	282309	89° 25' 8.101" W	29° 15' 44.109" N	1367.3
761	3891273.93	282095.41	89° 25' 7.995" W	29° 15' 41.993" N	537.5
762	3891796.24	282195.75	89° 25' 2.080" W	29° 15' 42.900" N	408.3
763	3892027.42	282113.34	89° 24' 59.486" W	29° 15' 42.046" N	1082.5

POINT NO.	X	Y	LONGITUDE	LATITUDE	INFLECTION
764	3892061.77	282148.21	89° 24' 59.092" W	29° 15' 42.385" N	735.4
765	3892112.16	282168.32	89° 24' 58.519" W	29° 15' 42.576" N	378
766	3892091.61	282218.79	89° 24' 58.741" W	29° 15' 43.079" N	80.1
767	3892028.05	282913.25	89° 24' 59.328" W	29° 15' 49.963" N	69.8
768	3892037.33	282990.73	89° 24' 59.208" W	29° 15' 50.729" N	893
769	3891777.91	282228.49	89° 25' 2.281" W	29° 15' 43.227" N	387.6
770	3892490.62	282281.47	89° 24' 54.225" W	29° 15' 43.633" N	56.4
771	3892511.84	282776.21	89° 24' 53.892" W	29° 15' 48.527" N	739
772	3892761.45	282696.55	89° 24' 51.090" W	29° 15' 47.697" N	382.2
773	3892822.84	282660.29	89° 24' 50.404" W	29° 15' 47.328" N	2140.1
774	3893050.74	282569.86	89° 24' 47.848" W	29° 15' 46.395" N	923.9
775	3893144.29	282522.71	89° 24' 46.801" W	29° 15' 45.913" N	1022.9
776	3893253.4	282483.97	89° 24' 45.577" W	29° 15' 45.511" N	578.3
777	3893231.6	282487.59	89° 24' 45.822" W	29° 15' 45.551" N	1298.2
778	3893309.97	282446.13	89° 24' 44.945" W	29° 15' 45.127" N	693.3
779	3893506.02	282371.6	89° 24' 42.746" W	29° 15' 44.357" N	341.7
780	3893639.05	282239.32	89° 24' 41.270" W	29° 15' 43.025" N	871.3
781	3893541.22	282176.55	89° 24' 42.386" W	29° 15' 42.420" N	2123.3
782	3893273.23	282235.65	89° 24' 45.400" W	29° 15' 43.050" N	6736.7
783	3893044.45	282229.08	89° 24' 47.984" W	29° 15' 43.023" N	552.6
784	3892776.56	282216.29	89° 24' 51.010" W	29° 15' 42.941" N	858.9
785	3892569.19	282097.7	89° 24' 53.373" W	29° 15' 41.801" N	61
786	3892662.48	282172.25	89° 24' 52.306" W	29° 15' 42.524" N	262.2
787	3893765.64	282228.68	89° 24' 39.843" W	29° 15' 42.899" N	459.8
788	3893565.49	282347.35	89° 24' 42.080" W	29° 15' 44.107" N	186.8
789	3893764.3	284346.11	89° 24' 39.457" W	29° 16' 3.858" N	2481.1
790	3893761.62	284527	89° 24' 39.453" W	29° 16' 5.649" N	3749.5
791	3893518.47	284888.07	89° 24' 42.129" W	29° 16' 9.263" N	64.1
792	3893508.84	284631.63	89° 24' 42.287" W	29° 16' 6.727" N	2847.5
793	3893516.29	284498.17	89° 24' 42.228" W	29° 16' 5.404" N	332.2
794	3893518.24	284449.67	89° 24' 42.215" W	29° 16' 4.924" N	3932.4
795	3893257.19	284495.63	89° 24' 45.153" W	29° 16' 5.422" N	163
796	3893261.3	284523.92	89° 24' 45.102" W	29° 16' 5.702" N	1024
797	3893268.36	284690.93	89° 24' 44.990" W	29° 16' 7.354" N	6669.7
798	3893005.44	284724.27	89° 24' 47.952" W	29° 16' 7.727" N	3963.9
799	3892998.69	284657.24	89° 24' 48.041" W	29° 16' 7.065" N	164.1
800	3892995.25	284605.95	89° 24' 48.089" W	29° 16' 6.558" N	1121.9
801	3890924.34	285130.9	89° 25' 11.369" W	29° 16' 12.097" N	2414
802	3890929.93	285111.56	89° 25' 11.309" W	29° 16' 11.904" N	2833.4
803	3890916.79	285151.01	89° 25' 11.450" W	29° 16' 12.297" N	1618.2
804	3891522.36	284618.91	89° 25' 4.714" W	29° 16' 6.930" N	139.5
805	3891525.97	284607.1	89° 25' 4.676" W	29° 16' 6.812" N	113.7
806	3891528.67	284605.65	89° 25' 4.646" W	29° 16' 6.798" N	558.5
807	3906524.94	282720.37	89° 22' 15.720" W	29° 15' 45.625" N	498
808	3906517.36	282426.84	89° 22' 15.862" W	29° 15' 42.721" N	89.7
809	3906519.91	281609.98	89° 22' 15.991" W	29° 15' 34.635" N	431.8
810	3907018.46	282439.66	89° 22' 10.203" W	29° 15' 42.763" N	57.8
811	3907511.87	282462.9	89° 22' 4.629" W	29° 15' 42.909" N	86.7
812	3907523.63	282011.09	89° 22' 4.584" W	29° 15' 38.435" N	65.3
813	3907511.47	281586.48	89° 22' 4.803" W	29° 15' 34.234" N	98.6
814	3908400.91	282406.88	89° 21' 54.605" W	29° 15' 42.204" N	320.1
815	3908468.63	282485.25	89° 21' 53.825" W	29° 15' 42.968" N	519.2
816	3908532.28	282317.18	89° 21' 53.139" W	29° 15' 41.293" N	164.1
817	3908517.15	282249.98	89° 21' 53.323" W	29° 15' 40.631" N	123.7
818	3908520.32	282201.62	89° 21' 53.297" W	29° 15' 40.152" N	820.7
819	3908271.16	282007.35	89° 21' 56.147" W	29° 15' 38.271" N	54
820	3896770.98	283453.98	89° 24' 5.685" W	29° 15' 54.527" N	691.4
821	3896520.13	283584.5	89° 24' 8.492" W	29° 15' 55.861" N	294.3
822	3896521.86	283493.45	89° 24' 8.490" W	29° 15' 54.959" N	1256
823	3896265.21	283600.96	89° 24' 11.366" W	29° 15' 56.066" N	1703.1
824	3896265.04	283653.6	89° 24' 11.358" W	29° 15' 56.587" N	454.7
825	3896037.75	283732.42	89° 24' 13.909" W	29° 15' 57.405" N	258.6
826	3896037.5	283670.15	89° 24' 13.924" W	29° 15' 56.789" N	2160.4
827	3895769.61	283732.35	89° 24' 16.936" W	29° 15' 57.449" N	725
828	3895534.82	283646.47	89° 24' 19.603" W	29° 15' 56.638" N	366.8
829	3895527.06	283589.05	89° 24' 19.701" W	29° 15' 56.071" N	120
830	3895263.9	283286.71	89° 24' 22.729" W	29° 15' 53.123" N	517.5
831	3895013.89	284423.06	89° 24' 25.336" W	29° 16' 4.412" N	2110.2
832	3895029.05	283996.51	89° 24' 25.246" W	29° 16' 0.187" N	1999.6
833	3895024.43	283146.08	89° 24' 25.459" W	29° 15' 51.770" N	3564.1
834	3894516.3	283056.77	89° 24' 31.212" W	29° 15' 50.971" N	300.7
835	3894521.26	284152.06	89° 24' 30.949" W	29° 16' 1.812" N	883.4
836	3894525.9	284496.29	89° 24' 30.831" W	29° 16' 5.218" N	1980.4
837	3894521.11	284581.06	89° 24' 30.869" W	29° 16' 6.058" N	1133.5
838	3894748.53	284505.46	89° 24' 28.316" W	29° 16' 5.272" N	751.3
839	3894785.86	284078.04	89° 24' 27.976" W	29° 16' 1.035" N	740.9
840	3894274.89	284651.95	89° 24' 33.635" W	29° 16' 6.801" N	3560.5
841	3894267.5	284214.01	89° 24' 33.801" W	29° 16' 2.467" N	2019.8
842	3894022.57	284280.11	89° 24' 36.554" W	29° 16' 3.162" N	408.5
843	3894022.75	284333.88	89° 24' 36.542" W	29° 16' 3.694" N	251.3
844	3894022.48	284469.56	89° 24' 36.519" W	29° 16' 5.037" N	4319.5
845	3895039.64	284429.2	89° 24' 25.044" W	29° 16' 4.469" N	1114
846	3895493.23	283891	89° 24' 20.026" W	29° 15' 59.066" N	340.8

POINT NO.	X	Y	LONGITUDE	LATITUDE	INFLECTION
847	3895500.83	283849.86	89° 24' 19.948" W	29° 15' 58.657" N	1010.3
848	3895541.22	283684.57	89° 24' 19.523" W	29° 15' 57.015" N	479.1
849	3892767.16	284746.86	89° 24' 50.638" W	29° 16' 7.990" N	3356.3
850	3907519.51	282462.22	89° 22' 4.543" W	29° 15' 42.901" N	231.9
851	3907769.87	282804.62	89° 22' 1.651" W	29° 15' 46.248" N	61.8
852	3907767.72	282471.73	89° 22' 1.740" W	29° 15' 42.953" N	180.8
853	3907965.59	282406.34	89° 21' 59.519" W	29° 15' 42.272" N	415.1
854	3907999.93	282474.41	89° 21' 59.118" W	29° 15' 42.940" N	63.8
855	3908019.12	282552.91	89° 21' 58.886" W	29° 15' 43.714" N	285.4
856	3908011.41	282695.82	89° 21' 58.945" W	29° 15' 45.130" N	273
857	3908280.17	282480.09	89° 21' 55.953" W	29° 15' 42.949" N	539.5
858	3908441.1	282488.54	89° 21' 54.135" W	29° 15' 43.005" N	3960.7
859	3908490.45	282534.24	89° 21' 53.569" W	29° 15' 43.449" N	1450.3
860	3908513.81	282562.98	89° 21' 53.300" W	29° 15' 43.729" N	2194.9
861	3908513.6	282983.97	89° 21' 53.221" W	29° 15' 47.897" N	2484.7
862	3908521.15	283097.4	89° 21' 53.113" W	29° 15' 49.018" N	181.2
863	3908521.28	283362.94	89° 21' 53.060" W	29° 15' 51.646" N	52.4
864	3908768.71	284086.3	89° 21' 50.127" W	29° 15' 58.764" N	93.5
865	3908772.68	283929.93	89° 21' 50.113" W	29° 15' 57.216" N	53.5
866	3909000.38	283660.71	89° 21' 47.594" W	29° 15' 54.512" N	1179
867	3909026.43	283750.56	89° 21' 47.283" W	29° 15' 55.397" N	664.4
868	3909016.72	283887.99	89° 21' 47.366" W	29° 15' 56.759" N	170.9
869	3909022.06	283982.04	89° 21' 47.287" W	29° 15' 57.689" N	78
870	3909018.63	284312.53	89° 21' 47.262" W	29° 16' 0.961" N	526.9
871	3909277.54	284738.11	89° 21' 44.256" W	29° 16' 5.129" N	73
872	3909265.56	284668.57	89° 21' 44.405" W	29° 16' 4.443" N	50
873	3909268.92	284636.43	89° 21' 44.374" W	29° 16' 4.124" N	594
874	3909265.73	284573.9	89° 21' 44.422" W	29° 16' 3.506" N	77.7
875	3909273.72	284353.9	89° 21' 44.374" W	29° 16' 1.327" N	532.5
876	3909277.51	284248.98	89° 21' 44.352" W	29° 16' 0.288" N	174
877	3909267.71	284117.91	89° 21' 44.488" W	29° 15' 58.992" N	94.7
878	3909268.32	284097.65	89° 21' 44.485" W	29° 15' 58.791" N	241.7
879	3909269.98	283942.17	89° 21' 44.496" W	29° 15' 57.252" N	197.9
880	3909278.55	283851.83	89° 21' 44.417" W	29° 15' 56.357" N	61.2
881	3909272.97	283567.08	89° 21' 44.535" W	29° 15' 53.539" N	1123.3
882	3909520.47	283752.27	89° 21' 41.706" W	29° 15' 55.330" N	125.3
883	3909522.41	283852.74	89° 21' 41.664" W	29° 15' 56.324" N	330.3
884	3909522.34	283932.37	89° 21' 41.650" W	29° 15' 57.112" N	131.4
885	3909521.82	283960.15	89° 21' 41.650" W	29° 15' 57.387" N	137.5
886	3909520.01	284021.13	89° 21' 41.659" W	29° 15' 57.991" N	96.5
887	3909517.84	284105.49	89° 21' 41.667" W	29° 15' 58.827" N	555.9
888	3909519.99	284180.14	89° 21' 41.628" W	29° 15' 59.565" N	50
889	3909489.24	284781.27	89° 21' 41.858" W	29° 16' 5.520" N	204.7
890	3909763.48	283953.13	89° 21' 38.923" W	29° 15' 57.277" N	126.1
891	3909774.99	283887.71	89° 21' 38.806" W	29° 15' 56.627" N	145
892	3909775.42	283875.53	89° 21' 38.804" W	29° 15' 56.507" N	1356.9
893	3909773.75	283856.91	89° 21' 38.826" W	29° 15' 56.323" N	4362.6
894	3909760.73	283868.69	89° 21' 38.971" W	29° 15' 56.441" N	759.5
895	3909764.33	283891.37	89° 21' 38.926" W	29° 15' 56.665" N	1034.8
896	3909763.05	284285.86	89° 21' 38.864" W	29° 16' 0.570" N	54.9
897	3909749.44	284354.37	89° 21' 39.004" W	29° 16' 1.251" N	116.1
898	3909726.32	284494.02	89° 21' 39.238" W	29° 16' 2.637" N	45.4
899	3909741.69	284536.36	89° 21' 39.056" W	29° 16' 3.053" N	1349.1
900	3910033.28	283972.33	89° 21' 35.874" W	29° 15' 57.421" N	1475.3
901	3910037.2	283990.82	89° 21' 35.826" W	29° 15' 57.603" N	349.9
902	3910036.36	283999.65	89° 21' 35.834" W	29° 15' 57.691" N	1447.1
903	3910033.41	284010.82	89° 21' 35.865" W	29° 15' 57.802" N	9533.8
904	3910021.48	284070.5	89° 21' 35.988" W	29° 15' 58.394" N	1223.9
905	3910023.62	284280.01	89° 21' 35.923" W	29° 16' 0.468" N	106.4
906	3910223.78	284255.42	89° 21' 33.669" W	29° 16' 0.190" N	115.2
907	3910233.6	284253.27	89° 21' 33.558" W	29° 16' 0.167" N	985.4
908	3910267.62	284190.78	89° 21' 33.186" W	29° 15' 59.543" N	85
909	3910266.63	284124.39	89° 21' 33.210" W	29° 15' 58.886" N	1229.1
910	3910267.33	284097.61	89° 21' 33.208" W	29° 15' 58.621" N	1467
911	3910266.54	284077.59	89° 21' 33.220" W	29° 15' 58.423" N	1337

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HOUMA, LA. * HOUSTON, TX. * SAN ANTONIO, TX. * MIDLAND, TX.
TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MAGNETOMETER SURVEY
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT (BA-203)
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY: JNIII	SHEET: 73 OF 86
CHECKED BY: JCM	SCALE:
APPROVED BY: JCM	DATE: 12/07/2018
UPDATED:	JOB NO. 13002-01
MPH GIS FILE: 1300201MAG0003A0.MXD	

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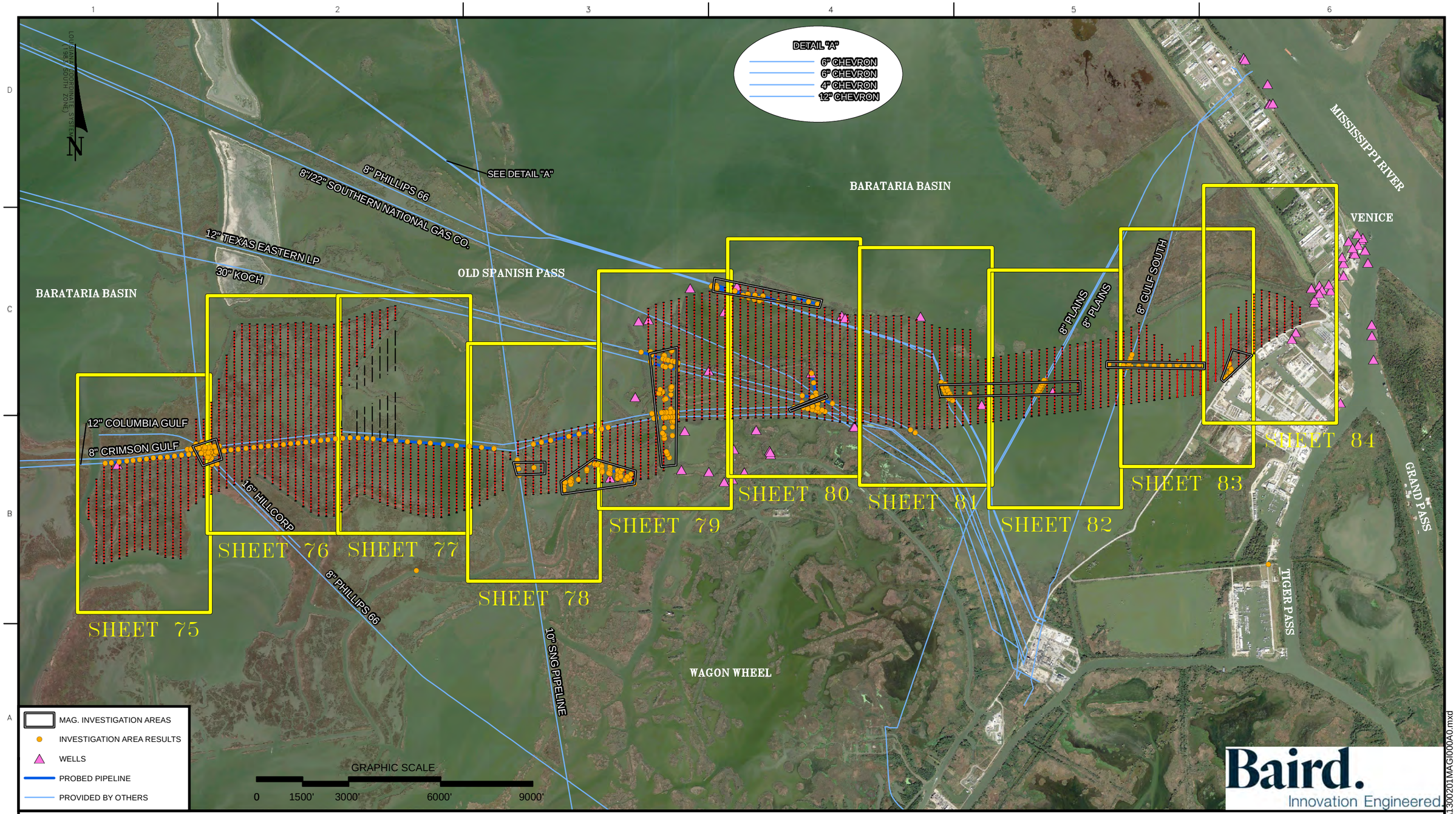

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MAGNETOMETER INVESTIGATION AREAS OVERVIEW
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT (BA–203)
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY: JNIII	SHEET: 74 OF 86
CHECKED BY: JCM	SCALE: AS SHOWN
APPROVED BY: JCM	DATE: 01/18/2019
UPDATED: JNIII	JOB NO. 13002–01
MPH GIS FILE: 1300201MAGI000A0.MXD	

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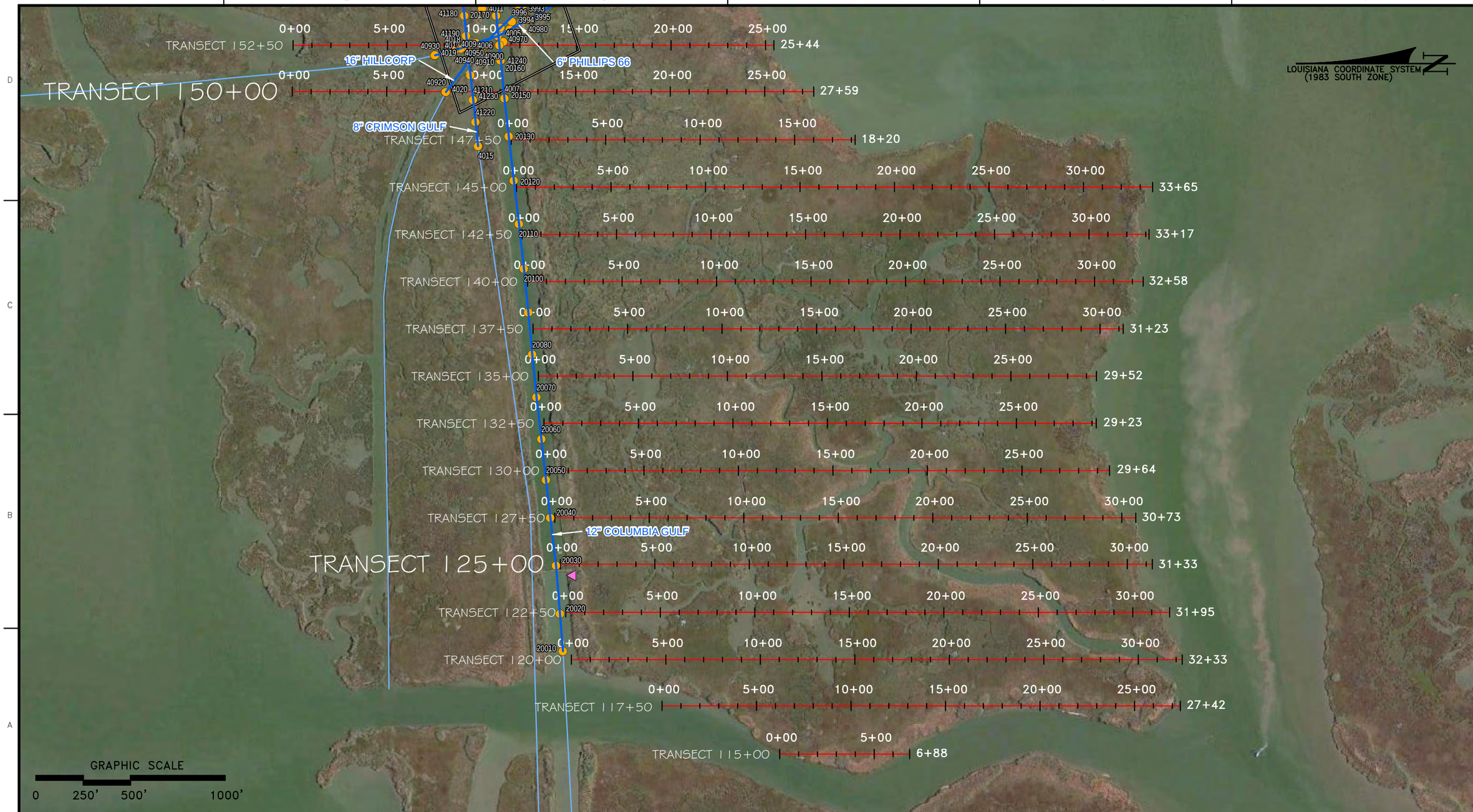

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MAGNETOMETER INVESTIGATION AREAS (STA. 115+00 TO 152+50)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT (BA–203)
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

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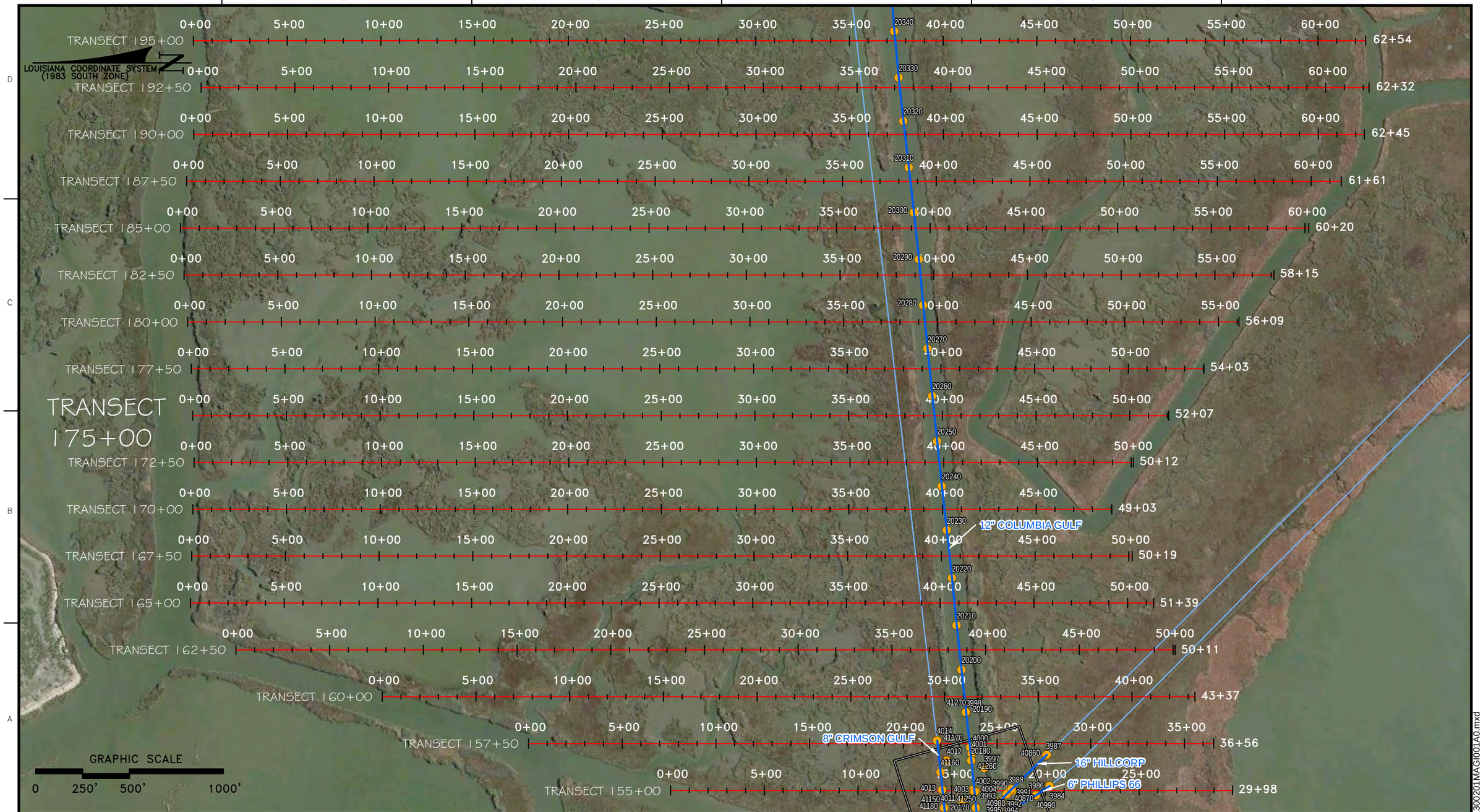

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MAGNETOMETER INVESTIGATION AREAS (STA. 155+00 TO 195+00)
MARSH CREATION FILL AREA SURVEY
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LOCATED IN PLAQUEMINES PARISH, LOUISIANA

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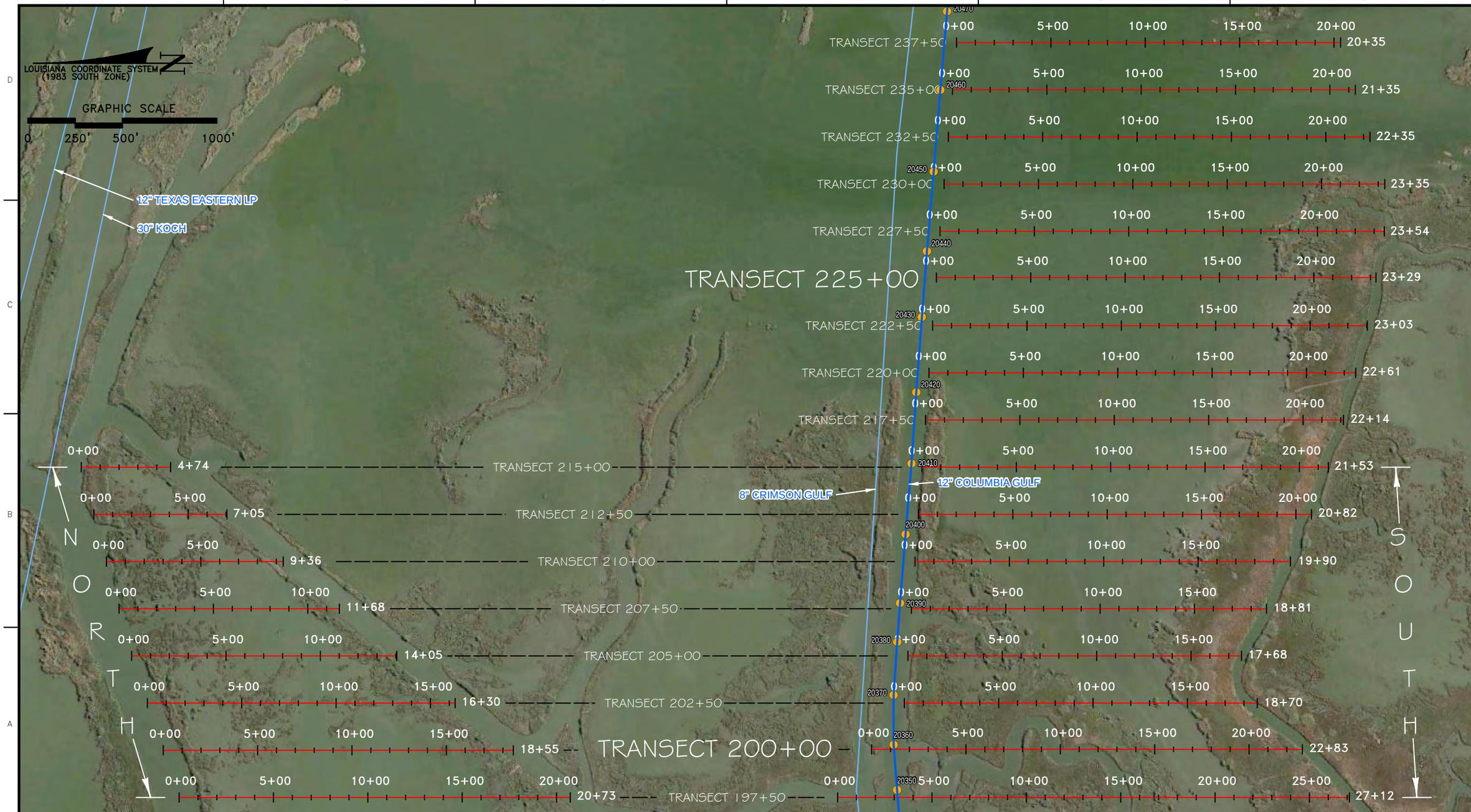

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MAGNETOMETER INVESTIGATION AREAS (STA. 197+50 TO 237+50)
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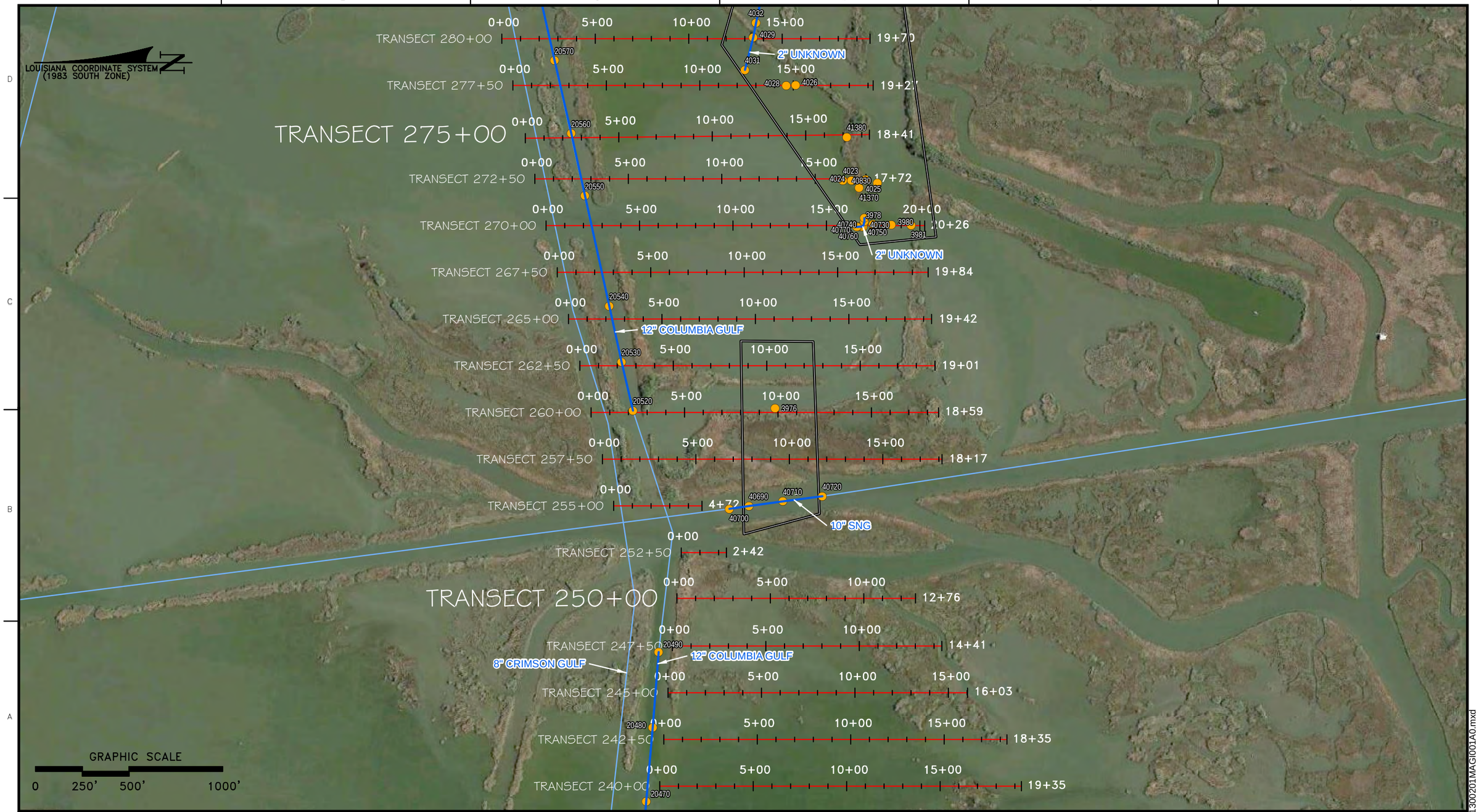

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MAGNETOMETER INVESTIGATION AREAS (STA. 240+00 TO 280+00)
MARSH CREATION FILL AREA SURVEY
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MAGNETOMETER INVESTIGATION AREAS (STA. 282+500 TO 322+50)
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT (BA–203)
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

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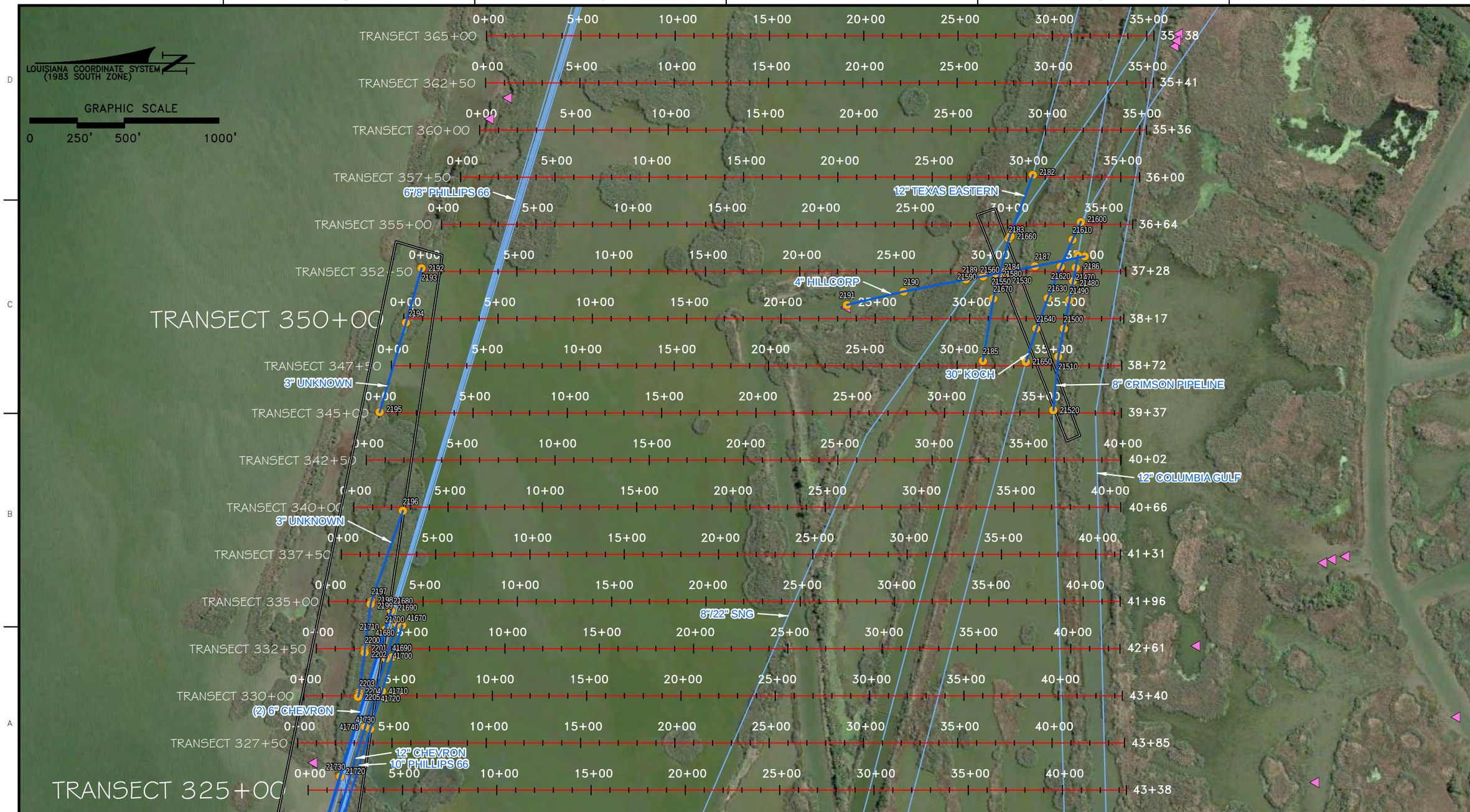

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MAGNETOMETER INVESTIGATION AREAS (STA. 325+00 TO 365+00)
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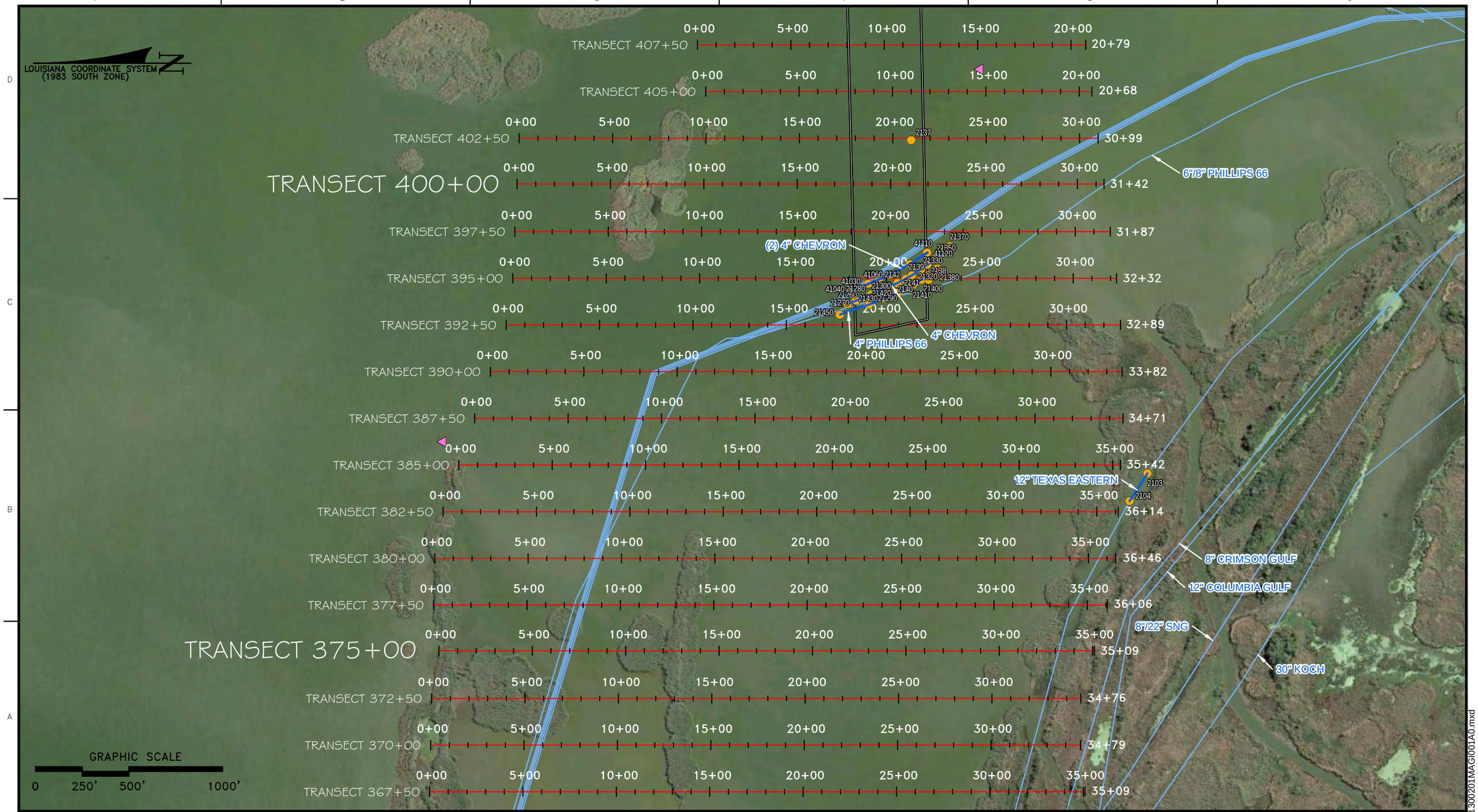

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MAGNETOMETER INVESTIGATION AREAS (STA. 367+50 TO 407+50)
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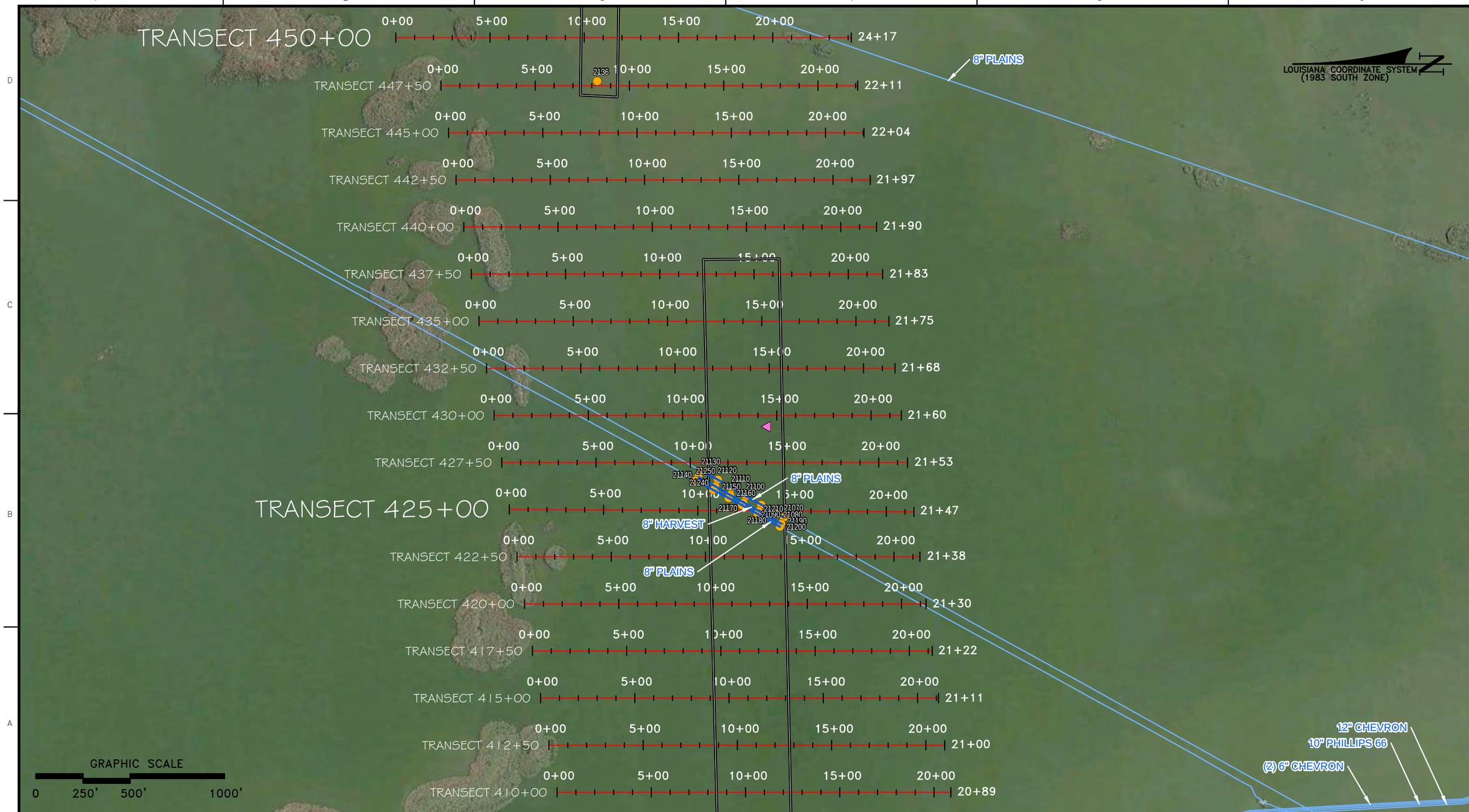

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MAGNETOMETER INVESTIGATION AREAS (STA. 410+00 TO 450+00)
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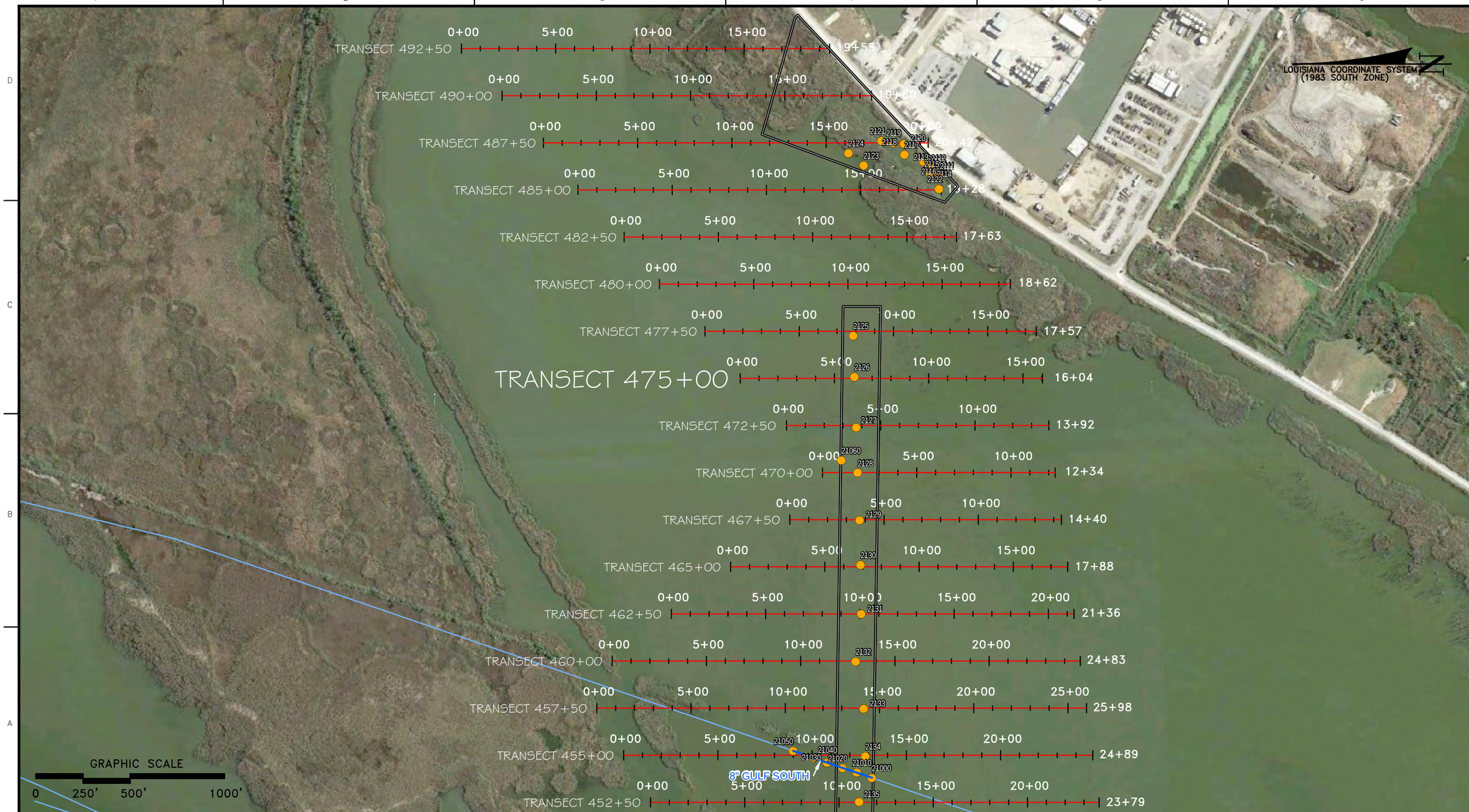

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MAGNETOMETER INVESTIGATION AREAS (STA. 452+50 TO 492+50)
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MAGNETOMETER INVESTIGATION AREAS (STA. 480+00 TO 510+00)
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POINT NO.	X	Y	Z	MUD	WATER	OBJECTS FOUND	MAG ANOMALY #
2157	3890342.32	280622.561	0.377	-	-	OLD RISER	-
2158	3890339.802	280629.356	0.426	-	-	OLD PIPE	-
2159	3890294.891	280641.021	-1.569	-	-	CONNER OF BOX	-
2160	3890301.262	280608.614	0.304	-	-	CONNER OF BOX	-
2161	3890350.004	280610.971	0.186	-	-	CONNER OF BOX	-
2162	3890343.812	280643.622	-0.326	-	-	CONNER OF BOX	-
2163	3890421.697	280751.199	-3.185	-	-	12" COLUMBIA GULF P/L MARKER	-
2164	3890267.799	280757.824	-3.26	-	-	NEAR 12" COLUMBIA GULF PIPELINE	603
2165	3890079.549	280735.435	-3.747	-	-	NEAR 12" COLUMBIA GULF PIPELINE	573, 574
2166	3890014.787	280729.574	-3.566	-	-	NEAR 12" COLUMBIA GULF PIPELINE	308, 592
2167	3890433.185	280921.058	-2.146	4.4	1	8" CRIMSON GULF PIPELINE	-
2168	3890291.36	280914.071	-2.496	4	1.7	8" CRIMSON GULF PIPELINE	-
2169	3890138.014	280907.175	-3.723	5.6	3.2	8" CRIMSON GULF PIPELINE	-
2170	3890081.914	280904.644	-4.312	8.6	4	8" CRIMSON GULF PIPELINE	-
2171	3890152.939	280904.776	-3.509	-	-	JUNK METAL	605
2172	3890145.964	280904.68	-4.308	-	-	JUNK METAL	605
2173	3890255.632	281010.18	-2.745	-	-	JUNK METAL	608
2174	3890052.9	281327.733	0.174	-	-	4" ABANDONED PIPELINE	589
2175	3890100.924	281347.653	0.458	-	-	4" ABANDONED PIPELINE	589
2176	3890259.535	281482.181	0.189	-	-	4" ABANDONED PIPELINE	610
2177	3890266.72	281643.216	-2.16	0.6	-	4" ABANDONED PIPELINE	611
2178	3890261.735	281726.537	0.25	0.5	-	4" ABANDONED PIPELINE	612
2179	3890292.342	281740.757	-0.184	0.7	-	4" ABANDONED PIPELINE	613
2182	3895532.321	281189.064	-3.478	-	-	12" TEXAS EASTERN LP P/L MARKER	-
2183	3895193.681	281316.237	-3.525	-	2.8	12" TEXAS EASTERN LP PIPELINE	-
2184	3894996.878	281354.298	-3.53	-	3.3	12" TEXAS EASTERN LP PIPELINE	-
2185	3894546.478	281454.07	-3.59	-	-	12" TEXAS EASTERN LP P/L MARKER	-
2186	3895100.515	280913.915	-2.41	-	2	4" HILLCORP PIPELINE	-
2187	3895048.486	281178.138	-2.078	-	2.8	4" HILLCORP PIPELINE	-
2188	3895022.41	281308.6	-3.035	-	2.2	4" HILLCORP PIPELINE	-
2189	3894978.48	281543.952	-3.248	-	3	4" HILLCORP PIPELINE	-
2190	3894913.698	281874.521	-2.874	10.9	2	4" HILLCORP PIPELINE	-
2191	3894843.974	282174.14	2.471	-	3.7	4" HILLCORP PIPELINE	-
2192	3895038.171	284428.727	-3.385	-	3	3" UNKNOWN PIPELINE	-
2193	3895038.479	284429.787	-3.199	-	3	3" UNKNOWN PIPELINE	-
2194	3894749.968	284512.594	-0.964	0.6	-	3" UNKNOWN PIPELINE	-
2195	3894274.585	284652.079	1.649	2	-	3" UNKNOWN PIPELINE	-
2196	3893751.32	284528.974	-0.411	2	-	3" UNKNOWN PIPELINE	-
2197	3893273.256	284695.893	0.016	0.5	-	3" UNKNOWN PIPELINE	-
2198	3893264.692	284697.663	0.063	0.5	-	3" UNKNOWN PIPELINE	-
2199	3893257.675	284699.46	0.019	0.5	-	3" UNKNOWN PIPELINE	-
2200	3893017.145	284731.355	0.374	0.5	-	3" UNKNOWN PIPELINE	-
2201	3893008.615	284731.305	0.333	0.5	-	3" UNKNOWN PIPELINE	-
2202	3892998.451	284731.632	0.326	0.5	-	3" UNKNOWN PIPELINE	-
2203	3892788.111	284760.169	0.375	0.3	-	3" UNKNOWN PIPELINE	-

POINT NO.	X	Y	Z	MUD	WATER	OBJECTS FOUND	MAG ANOMALY #
4034	3888012.431	279144.903	-2.042	-	1.8	JUNK METAL	547
4035	3888020.135	279012.381	-1.525	1.1	1.5	JUNK METAL	546
4036	3888020.161	278967.742	-1.724	0.2	1.5	JUNK METAL	545
4037	3888279.402	279207.889	-3.253	-	3	JUNK METAL	552
4038	3888276.025	279130.131	-2.916	1	3	JUNK METAL	553
4039	3888273.807	279018.819	-2.943	1	3	JUNK METAL	554
4040	3888272.83	278952.899	-2.608	1.7	2.5	2" UNKNOWN PIPELINE	555
4041	3888270.544	278893.526	-3.281	1	3	JUNK METAL	556
4042	3888525.145	279015	-0.049	1.9	-	2" UNKNOWN PIPELINE	560
4043	3888531.765	278878.309	0.184	1.8	-	JUNK METAL	559
4044	3888526.759	278818.171	0.492	0.2	-	JUNK METAL	558
4045	3888519.287	278749.188	0.315	3	-	JUNK METAL	557
4046	3888617.364	278972.804	-0.957	1.5	1	JUNK METAL	563
4047	3888629.025	278816.553	0.532	0.3	-	JUNK METAL	564
4048	3888772.387	278688.758	0.448	0.6	-	JUNK METAL	565
4049	3888916.606	278730.481	-0.341	1.2	0.3	2" UNKNOWN PIPELINE	566
4050	3888954.775	278886.531	-1.812	1	1.5	JUNK METAL	567
4052	3889069.952	278576.317	0.656	2	-	2" UNKNOWN PIPELINE	566
4053	3888834.674	278805.006	0.275	1	-	2" UNKNOWN PIPELINE	-
4054	3888676.914	279054.306	-1.455	2	1.5	2" UNKNOWN PIPELINE	-
4055	3889925.741	281530.618	0.877	1.5	-	2" UNKNOWN PIPELINE	-
4056	3889927.163	281522.015	0.399	1.5	-	2" UNKNOWN PIPELINE	587
4057	3889928.832	281513.46	0.055	1.5	-	2" UNKNOWN PIPELINE	-
4058	3889990.182	281563.982	1.133	-	-	2" UNKNOWN PIPELINE	588
4059	3890000.999	281567.68	0.953	-	-	2" UNKNOWN PIPELINE	-
4060	3889978.735	281561.135	0.833	-	-	2" UNKNOWN PIPELINE	-
4061	3889887.603	281534.514	-0.104	2	-	2" UNKNOWN PIPELINE	-
4062	3889873.68	281529.72	-1.671	0.7	1.5	2" UNKNOWN PIPELINE	586
4063	3889865.588	281529.114	-2.154	0.2	2.1	2" UNKNOWN PIPELINE	-
4064	3889912.095	281647.978	-0.967	0.5	2	2" UNKNOWN PIPELINE	585
4066	3890007.33	282412.534	-1.214	-	-	30" KOCH PIPELINE	584
10010	3909742.757	275948.706	2.377	-	-	15-067C-1	-
10020	3881961.72	275747.352	1.176	-	-	CRMSBA SM 14	-
20010	3871815.82	279249.688	0.459	-	2	12" COLUMBIA GULF PIPELINE	-
20020	3872012.691	279265.084	0.538	-	3.8	12" COLUMBIA GULF PIPELINE	-
20030	3872268.171	279286.093	0.036	-	9.5	12" COLUMBIA GULF PIPELINE	-
20040	3872521.058	279316.045	0.463	-	10	12" COLUMBIA GULF PIPELINE	-
20050	3872721.554	279339.088	0.234	-	12	12" COLUMBIA GULF PIPELINE	-
20060	3872936.89	279363.515	0.426	-	10.2	12" COLUMBIA GULF PIPELINE	-
20070	3873159.105	279389.61	0.359	-	10.2	12" COLUMBIA GULF PIPELINE	-
20080	3873385.201	279412.188	0.397	-	11	12" COLUMBIA GULF PIPELINE	-
20090	3873607.679	279432.581	0.517	-	10	12" COLUMBIA GULF PIPELINE	-
20100	3873838.082	279456.033	0.394	-	9.8	12" COLUMBIA GULF PIPELINE	-
20110	3874074.733	279482.225	0.347	-	9.5	12" COLUMBIA GULF PIPELINE	-
20120	3874305.796	279509.052	0.477	-	9.5	12" COLUMBIA GULF PIPELINE	-

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TEXAS SURVEY FIRM REGISTRATION NUMBER: 10193786 (HOUMA OFFICE)

OFFICE OF COASTAL PROTECTION & RESTORATION AUTHORITY OF LOUISIANA

MAGNETOMETER INVESTIGATION AREA TABLES
MARSH CREATION FILL AREA SURVEY
DWH BARATARIA BASIN RIDGE AND MARSH CREATION PROJECT – SPANISH PASS INCREMENT PROJECT (BA–203)
LOCATED IN PLAQUEMINES PARISH, LOUISIANA

DRAWN BY: JNIII	SHEET: 85 OF 86
CHECKED BY: JCM	SCALE:
APPROVED BY: JCM	DATE: 01/18/2018
UPDATED: JNIII	JOB NO. 13002–01
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POINT NO.	X	Y	Z	MUD	WATER	OBJECTS FOUND	MAG ANOMALY #
20240	3876894.826	279784.386	0.147	-	5.8	12" COLUMBIA GULF PIPELINE	-
20250	3877133.923	279810.167	0.175	-	5.8	12" COLUMBIA GULF PIPELINE	-
20260	3877376.996	279835.242	0.142	-	6	12" COLUMBIA GULF PIPELINE	-
20270	3877627.589	279860.575	0.211	-	6	12" COLUMBIA GULF PIPELINE	-
20280	3877862.058	279883.644	0.029	-	5.8	12" COLUMBIA GULF PIPELINE	-
20290	3878105.239	279907.094	0.209	-	6	12" COLUMBIA GULF PIPELINE	-
20300	3878355.81	279933.921	0.28	-	5.8	12" COLUMBIA GULF PIPELINE	-
20310	3878594.889	279960.646	0.142	-	5.8	12" COLUMBIA GULF PIPELINE	-
20320	3878842.496	279989.757	0.295	-	6	12" COLUMBIA GULF PIPELINE	-
20330	3879074.553	280014.37	0.252	-	5.1	12" COLUMBIA GULF PIPELINE	-
20340	3879320.464	280037.712	0.155	-	5.1	12" COLUMBIA GULF PIPELINE	-
20350	3879560.431	280056.975	0.315	-	6.1	12" COLUMBIA GULF PIPELINE	-
20360	3879801.386	280075.449	0.216	-	6.1	12" COLUMBIA GULF PIPELINE	-
20370	3880065.037	280075.966	0.269	-	5.5	12" COLUMBIA GULF PIPELINE	-
20380	3880344.636	280056.334	0.079	-	6	12" COLUMBIA GULF PIPELINE	-
20390	3880549.477	280041.44	0.307	-	5	12" COLUMBIA GULF PIPELINE	-
20400	3880916.372	280012.176	0.272	-	5	12" COLUMBIA GULF PIPELINE	-
20410	3881291.549	279980.557	0.275	-	5	12" COLUMBIA GULF PIPELINE	-
20420	3881668.318	279955.214	0.419	-	5	12" COLUMBIA GULF PIPELINE	-
20430	3882067.196	279925.964	0.392	-	4	12" COLUMBIA GULF PIPELINE	-
20440	3882416.436	279898.652	0.225	-	3.6	12" COLUMBIA GULF PIPELINE	-
20450	3882837.981	279863.488	0.324	-	3.6	12" COLUMBIA GULF PIPELINE	-
20460	3883269.3	279828.078	0.445	-	3	12" COLUMBIA GULF PIPELINE	-
20470	3883687.562	279792.283	0.26	-	2.8	12" COLUMBIA GULF PIPELINE	-
20480	3884085.353	279757.873	0.252	-	4.8	12" COLUMBIA GULF PIPELINE	-
20490	3884487.858	279726.242	0.28	-	5	12" COLUMBIA GULF PIPELINE	-
20520	3885780.163	279863.497	-0.379	-	2	12" COLUMBIA GULF PIPELINE	-
20530	3886040.139	279924.304	-0.457	-	2.7	12" COLUMBIA GULF PIPELINE	-
20540	3886339.6	279990.512	-0.64	-	2	12" COLUMBIA GULF PIPELINE	-
20550	3886930.501	280120.221	-0.56	-	1.3	12" COLUMBIA GULF PIPELINE	-
20560	3887263.733	280193.774	-0.39	-	1.3	12" COLUMBIA GULF PIPELINE	-
20570	3887653.514	280282.262	-0.338	-	1	12" COLUMBIA GULF PIPELINE	-
20580	3888006.877	280362.908	-0.404	-	1	12" COLUMBIA GULF PIPELINE	-
20590	3888207.547	280408.819	-0.453	-	1	12" COLUMBIA GULF PIPELINE	-
21000	3905151.131	282365.689	0.13	-	3.8	8" GULF SOUTH PIPELINE	-
21010	3905178.45	282445.635	0.11	-	4	8" GULF SOUTH PIPELINE	-
21020	3905203.117	282521.892	0.145	-	3.9	8" GULF SOUTH PIPELINE	-
21030	3905230.967	282603.096	0.082	-	3.9	8" GULF SOUTH PIPELINE	-
21040	3905256.575	282677.674	0.184	-	3.6	8" GULF SOUTH PIPELINE	-
21050	3905293.476	282783.774	0.121	-	3.2	8" GULF SOUTH PIPELINE	-
21060	3906835.028	282527.881	0.122	-	-	OTH, MAG HIT	-
21070	3902229.09	281485.397	0.204	-	4.2	8" PLAINS PIPELINE	-
21080	3902251.244	281525.293	0.232	-	4.2	8" PLAINS PIPELINE	-
21090	3902296.977	281606.051	0.207	-	4.2	8" PLAINS PIPELINE	-
21100	3902341.639	281687.015	0.134	-	4.2	8" PLAINS PIPELINE	-
21110	3902384.714	281763.652	0.256	-	4.3	8" PLAINS PIPELINE	-

POINT NO.	X	Y	Z	MUD	WATER	OBJECTS FOUND	MAG ANOMALY #
21690	3893223.771	284590.44	-1.082	-	1.7	6" CHEVRON PIPELINE	-
21700	3893124.378	284622.693	-1.052	-	6	6" CHEVRON PIPELINE	-
21710	3893122.468	284620.417	-1.029	-	1.1	6" CHEVRON PIPELINE	-
21720	3892342.849	284863.738	-0.454	-	-	6" CHEVRON PIPELINE	-
21730	3892343.36	284859.719	-0.431	-	-	6" CHEVRON PIPELINE	-
21740	3891750.088	285046.573	1.07	-	-	6" CHEVRON PIPELINE	-
21750	3891750.086	285043.099	0.996	-	-	6" CHEVRON PIPELINE	-
40690	3885269.175	279242.456	0.119	3.6	11.8	10" SNG PIPELINE	-
40700	3885254.732	279347.216	0.179	2.8	11.2	10" SNG PIPELINE	-
40710	3885294.383	279060.906	0.199	4.1	11	10" SNG PIPELINE	-
40720	3885322.408	278850.12	0.223	3	12	10" SNG PIPELINE	-
40730	3886776.626	278629.303	0.286	3.1	4.7	2" UNKNOWN PIPELINE	-
40740	3886765.727	278632.491	0.248	4	5	2" UNKNOWN PIPELINE	-
40750	3886765.389	278639.496	0.186	4	5	2" UNKNOWN PIPELINE	-
40760	3886764.066	278659.755	0.385	2	5.2	2" UNKNOWN PIPELINE	-
40770	3886762.773	278664.918	0.429	1.4	5.5	2" UNKNOWN PIPELINE	-
40780	3886791.94	278625.489	0.369	2.8	4	2" UNKNOWN PIPELINE	-
40820	3886810.459	278625.092	-0.005	4.4	3.5	2" UNKNOWN PIPELINE	-
40830	3886999.359	278554.713	9.592	-	-	HILLCORP OIL WELL SN:66270	-
40860	3875460.427	279225.161	0.634	4	2	16" HILLCORP PIPELINE	-
40870	3875278.799	279411.162	0.581	3.1	3.9	16" HILLCORP PIPELINE	-
40880	3875207.404	279481.662	0.666	5.6	4.1	16" HILLCORP PIPELINE	-
40890	3875115.245	279579.167	0.908	0.5	11.9	16" HILLCORP PIPELINE	-
40900	3875011.93	279679.796	0.811	4.6	5.5	16" HILLCORP PIPELINE	-
40910	3874934.434	279750.303	0.768	1.3	9.7	16" HILLCORP PIPELINE	-
40920	3874774.447	279868.781	0.748	-	5.5	16" HILLCORP PIPELINE	-
40930	3874968.217	279926.071	0.818	-	8.2	6" PHILLIPS 66 PIPELINE	-
40940	3874994.31	279821.56	0.851	1.3	6.7	6" PHILLIPS 66 PIPELINE	-
40950	3875033.348	279709.725	0.835	-	11.7	6" PHILLIPS 66 PIPELINE	-
40960	3875068.986	279593.978	0.968	6.5	11.8	6" PHILLIPS 66 PIPELINE	-
40970	3875105.07	279528.971	0.947	6.7	4.5	6" PHILLIPS 66 PIPELINE	-
40980	3875156.329	279432.19	0.682	8.7	-	6" PHILLIPS 66 PIPELINE	-
40990	3875244.764	279281.404	0.876	4.1	2.3	6" PHILLIPS 66 PIPELINE	-
41000	3875293.744	279209.875	1.041	2.9	2.3	6" PHILLIPS 66 PIPELINE	-
41030	3899203.491	281824.199	-0.105	3.8	3.1	6" CHEVRON PIPELINE	-
41040	3899201.33	281823.034	-0.171	3.6	3.1	6" CHEVRON PIPELINE	-
41050	3899239.311	281730.733	-0.154	3.2	3	6" CHEVRON PIPELINE	-
41060	3899241.026	281731.326	-0.143	3.5	3	6" CHEVRON PIPELINE	-
41070	3899290.182	281616.476	-0.053	3.2	2.9	6" CHEVRON PIPELINE	-
41080	3899288.893	281616.238	0.011	3.2	2.9	6" CHEVRON PIPELINE	-
41090	3899346.609	281506.132	-0.022	3	2.9	6" CHEVRON PIPELINE	-
41100	3899347.5	281507.046	-0.057	3	2.9	6" CHEVRON PIPELINE	-
41110	3899407.148	281413.837	0.019	3.5	2.8	6" CHEVRON PIPELINE	-
41120	3899409.478	281415.339	-0.109	3.4	2.8	6" CHEVRON PIPELINE	-
41150	3875273.257	279781.102	-0.285	5.4	-	8" CRIMSON GULF PIPELINE	-
41160	3875368.527	279791.794	0.369	5.9	-	8" CRIMSON GULF PIPELINE	-

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