US Army Corps
of Engineers
New Orleans District

MISSISSIPPI RIVER OUTLETS
VICINITY OF VENICE, LA

TIGER PASS BAR CHANNEL MAINTENANCE DREDGING

PLAQUEMINES PARISH, LA.

SOLICITATION NO.: W912P825B0002
CONTRACT NO.:

THIS PROJECT WAS DESIGNED BY THE NEW ORLEANS DISTRICT CORPS OF ENGINEERS. THE INITIALS OR SIGNATURES AND REGISTRATION DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE PROJECT DOCUMENTS WITHIN THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED BY ER 1110-1-8152. SIGNATURES INDICATE OFFICIAL RECOMMENDATION OF ALL DRAWINGS IN THIS SET.

APPROVED BY:

C.A. Jones, P.E., PMP
DISTRICT COMMANDER

APPROVAL RECOMMENDED BY:

P.E.
ETL CIVIL BRANCH

P.E.
CHIEF CIVIL BRANCH

P.E.
CHIEF ENGINEERING DIVISION

US Army Corps of Engineers®
NEW ORLEANS DISTRICT

MARK	DESCRIPTION	DATE	APPR.

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
NEW ORLEANS, LOUISIANA

DESIGNED BY: MATTHEW BARBIER, P.E.
DWN BY: M.P.B.
CKD BY: S. CLEMENT
SUBMITTED BY: AARON A. BRIT, P.E.
PLOT SCALE: 1:1
PLOT DATE: 04/23/2024
FILE NAME: 48731_G-01.dgn
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CONTRACT NO.:
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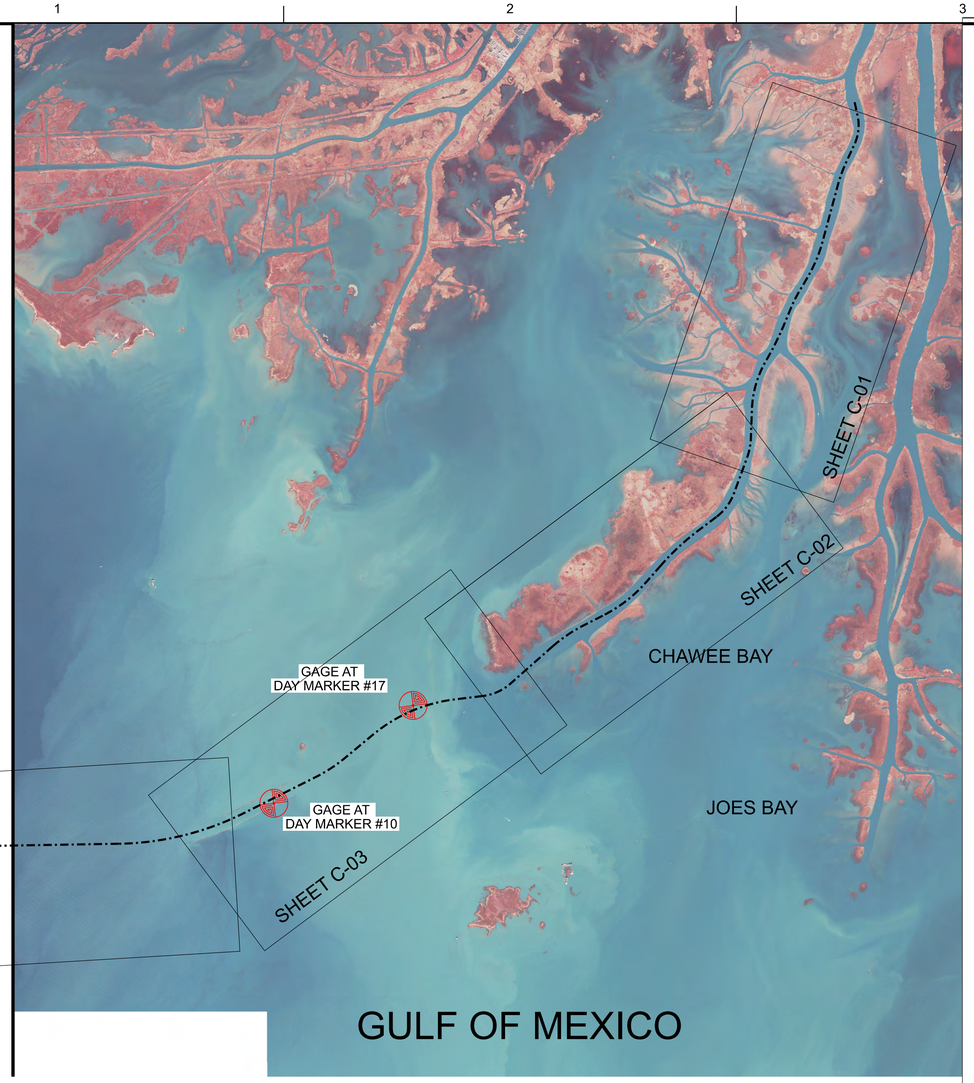
ED 24-011

MISSISSIPPI RIVER OUTLETS
VICINITY OF VENICE, LOUISIANA
TIGER PASS BAR CHANNEL
MAINTENANCE DREDGING

COVER SHEET

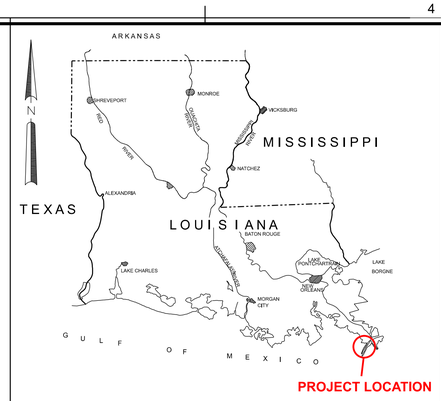
PLAQUEMINES PARISH, LA

SHEET IDENTIFICATION
G-01



0 3000' 6000'

SCALE



VICINITY MAP

SCALE OF MILES

40 0 40 80 120 160 200

INDEX OF DRAWINGS

NO.	INDEX OF DRAWINGS
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C-01	PLAN AND PROFILE - C/L STAS. 237+48.63 TO 372+49
C-02	PLAN AND PROFILE - C/L STAS. 372+49 TO 505+00
C-03	PLAN AND PROFILE - C/L STAS. 505+00 TO 640+00
C-04	PLAN AND PROFILE - C/L STAS. 640+00 TO 772+15
C-05	CROSS SECTIONS - C/L STAS. 340+00 TO 380+00 AND THEORETICAL SECTIONS
C-06	CROSS SECTIONS - C/L STAS. 390+00 TO 440+00
C-07	CROSS SECTIONS - C/L STAS. 450+00 TO 500+00
C-08	CROSS SECTIONS - C/L STAS. 510+00 TO 560+00
C-09	CROSS SECTIONS - C/L STAS. 570+00 TO 620+00
C-10	CROSS SECTIONS - C/L STAS. 630+00 TO 680+00
C-11	CROSS SECTIONS - C/L STA 690+00

ABBREVIATIONS

* UNLESS OTHERWISE NOTED ON EACH SHEET

AC	ACRE	MIN.	MINIMUM
APPROX.	APPROXIMATE	MISC	MISCELLANEOUS
B/L	BASELINE	N.T.S.	NOT TO SCALE
B.E.C.	BOTTOM EDGE OF CUT	P.I.	POINT OF INFLECTION
C/L	CENTERLINE	SF	SQUARE FEET
DWG	DRAWING	STA.	STATION
EL.	ELEVATION	TYP	TYPICAL
EXIST	EXISTING	V	VERTICAL
FT	FEET	T.E.C.	TOP EDGE OF CUT
H	HORIZONTAL	(+/-)	APPROXIMATE
LF	LINEAR FEET	CY	CUBIC YARDS
MAX	MAXIMUM		

GENERAL LEGEND

- GAGE
- EXISTING JETTY
- BOTTOM EDGE OF CUT
- CHANNEL CENTERLINE
- WELL HEAD
- BUOY
- SINGLE POINT DISCHARGE (SPD)

TABULATION OF GAGES

GAGE	LOCATION	DESCRIPTION
STAFF GAGE AT DAY MARKER 10 (01535-DM10)	X = 3,890,232.63 Y = 238,222.19	ALL STAFF GAGE IS 2" X 6" PAINTED WHITE WITH BLACK LINES FOR FOOT MARKS AND TENTHS OF FEET NAILED TO NAVIGATION DAY MARKER NO. 10 IN TIGER PASS. 0.0' GAGE = 0.0' NAVD88 (2009.55) = (-)0.08' MLLW (2012-2016) = 2.92' MLG
STAFF GAGE AT DAY MARKER 17 (01535-DM17)	X = 3,895,773.25 Y = 242,083.31	ALL STAFF GAGE IS 2" X 6" PAINTED WHITE WITH BLACK LINES FOR FOOT MARKS AND TENTHS OF FEET NAILED TO NAVIGATION DAY MARKER NO. 17 IN TIGER PASS. 0.0' GAGE = (-)0.18' NAVD88 (2009.55) = (-)0.31' MLLW (2012-2016) = 2.69' MLG
MISSISSIPPI RIVER AT VENICE (01480)	X = 3,912,262.55 Y = 287,605.33	LOCATED AT RIGHT DESCENDING BANK AT RIVER MILE 10.7 AT VENICE, LA. 0.0' GAGE = 0.0' NAVD88 (2009.55) = (-)0.53' MLLW (2012-2016) = 2.47' MLG

US Army Corps of Engineers®
NEW ORLEANS DISTRICT

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
NEW ORLEANS, LOUISIANA

ED 24-011

DESIGNED BY: MATTHEW BARBIER, P.E.
DWN BY: M.P.B.
CKD BY: S. CLEMENT
SUBMITTED BY: JASON A. BINET, P.E.
PLOT SCALE: 1:20000
PLOT DATE: 09/09/24
SIZE: ANSI D
FILE NAME: 48731_G-02.
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MISSISSIPPI RIVER OUTLETS
VENICE TO PORT EUGENIA
TIGER PASS BAR CHANNEL
MAINTENANCE DREDGING

LOCATION MAP, VERTICAL CONTROL
VICINITY MAP, LEGEND,
AND INDEX OF DRAWINGS

PLAQUEMINES PARISH, LA

SHEET IDENTIFICATION
G-02

TIGER PASS CHANNEL C/L ALIGNMENT CURVE DATA

Curve Number 10

	STATION	(X)	(Y)
PC	228+45.243	265,465.98	3,913,359.95
PI	234+47.14	264,878.60	3,913,491.36
CC		265,078.01	3,911,625.82
PT	240+05.931	264,332.27	3,913,238.77

TOTAL CENTRAL ANGLE: 37.424° RIGHT
FIRST SUBTANGENT DISTANCE: 601.897'
SECOND SUBTANGENT DISTANCE: 601.897'
EXTERNAL: 99.169

RADIUS:1,777.00
DELTA: 37.424°
LENGTH:1,160.69
DEGREE OF CURVATURE (ARC): 2.79°
TANGENT: 601.90
CHORD: 1,140.17
MIDDLE ORDINATE: 93.927

Curve Number 11

	STATION	(X)	(Y)
PC	247+67.51	263,641.00	3,912,919.16
PI	252+74.923	263,180.43	3,912,706.22
CC		261,124.01	3,918,363.10
PT	257+79.924	262,690.64	3,912,573.68

TOTAL CENTRAL ANGLE: 9.672° LEFT
FIRST SUBTANGENT DISTANCE: 507.412'
SECOND SUBTANGENT DISTANCE: 507.412'
EXTERNAL: 21.426

RADIUS:5,997.64
DELTA: 9.672°
LENGTH:1,012.41
DEGREE OF CURVATURE (ARC): 3.224°
TANGENT: 507.41
CHORD: 1,011.21
MIDDLE ORDINATE: 21.349

Curve Number 12

	STATION	(X)	(Y)
PC	280+80.568	260,469.86	3,911,972.73
PI	288+66.532	259,711.19	3,911,767.43
CC		261,971.00	3,906,425.35
PT	296+42.804	259,035.49	3,911,365.96

TOTAL CENTRAL ANGLE: 15.575° RIGHT
FIRST SUBTANGENT DISTANCE: 785.964'
SECOND SUBTANGENT DISTANCE: 785.964'
EXTERNAL: 53.496

RADIUS:5,746.90
DELTA: 15.575°
LENGTH:1,562.24
DEGREE OF CURVATURE (ARC): 0.955°
TANGENT: 785.96
CHORD: 1,557.43
MIDDLE ORDINATE: 53.003

Curve Number 13

	STATION	(X)	(Y)
PC	301+91.517	258,563.76	3,911,085.68
PI	306+42.164	258,176.34	3,910,855.49
CC		255,419.23	3,916,378.10
PT	310+91.205	257,759.53	3,910,684.18

TOTAL CENTRAL ANGLE: 8.374° RIGHT
FIRST SUBTANGENT DISTANCE: 450.646'
SECOND SUBTANGENT DISTANCE: 450.646'
EXTERNAL: 16.472

RADIUS:6,156.12
DELTA: 8.374°
LENGTH899.69
DEGREE OF CURVATURE (ARC): 0.997°
TANGENT: 450.65
CHORD: 898.89
MIDDLE ORDINATE: 16.428

Curve Number 14

	STATION	(X)	(Y)
PC	316+17.406	257,272.83	3,910,484.14
PI	323+16.197	256,626.51	3,910,218.49
CC		261,799.69	3,899,470.34
PT	330+13.388	256,015.69	3,909,879.06

TOTAL CENTRAL ANGLE: 6.717° RIGHT
FIRST SUBTANGENT DISTANCE: 698.791'
SECOND SUBTANGENT DISTANCE: 698.791'
EXTERNAL: 20.486

RADIUS: 11,907.82
DELTA: 6.717°
LENGTH: 1,395.98
DEGREE OF CURVATURE (ARC): 0.931°
TANGENT: 698.79
CHORD: 1,395.18
MIDDLE ORDINATE: 20.451

Curve Number 15

	STATION	(X)	(Y)
PC	334+02.06	255,675.95	3,909,690.27
PI	343+91.992	254,810.64	3,909,209.43
CC		253,681.02	3,913,280.29
PT	353+44.867	253,821.28	3,909,175.62

TOTAL CENTRAL ANGLE: 27.103° RIGHT
FIRST SUBTANGENT DISTANCE: 989.932'
SECOND SUBTANGENT DISTANCE: 989.932'
EXTERNAL: 117.618

RADIUS:4,107.06
DELTA: 27.103°
LENGTH:1,942.81
DEGREE OF CURVATURE (ARC): 0.481°
TANGENT: 989.93
CHORD: 1,924.74
MIDDLE ORDINATE: 114.344

Curve Number 16

	STATION	(X)	(Y)
PC	364+73.108	252,693.70	3,909,137.09
PI	368+64.181	252,302.86	3,909,123.74
CC		252,776.84	3,906,703.99
PT	372+48.628	251,935.86	3,908,988.64

TOTAL CENTRAL ANGLE: 18.252° RIGHT
FIRST SUBTANGENT DISTANCE: 391.073'
SECOND SUBTANGENT DISTANCE: 391.073'
EXTERNAL: 31.210

RADIUS:2,434.52
DELTA: 18.252°
LENGTH775.52
DEGREE OF CURVATURE (ARC): 1.395°
TANGENT: 391.07
CHORD: 772.25
MIDDLE ORDINATE: 30.815

Curve Number 17

	STATION	(X)	(Y)
PC	387+69.66	250,508.43	3,908,463.27
PI		249,941.92	3,908,254.76
CC		251,217.13	3,906,537.74
PT	399+43.87	249,578.60	3,907,772.66

TOTAL CENTRAL ANGLE: 32.789° RIGHT
FIRST SUBTANGENT DISTANCE: 603.67'
SECOND SUBTANGENT DISTANCE: 603.67'
EXTERNAL: 86.96

RADIUS:2,051.80
DELTA: 32.79°
LENGTH1,174.21
DEGREE OF CURVATURE (ARC): 2.79°
TANGENT: 603.67
CHORD: 1,158.25
MIDDLE ORDINATE: 83.43

Curve Number 18

	STATION	(X)	(Y)
PC	408+30.36	249,045.05	3,907,064.72
PI		248,431.95	3,906,251.24
CC		241,160.57	3,913,007.01
PT	428+60.47	247,665.68	3,905,580.07

TOTAL CENTRAL ANGLE: 11.78° RIGHT
FIRST SUBTANGENT DISTANCE: 1018.64'
SECOND SUBTANGENT DISTANCE: 1018.64'
EXTERNAL: 52.41

RADIUS:9,873
DELTA: 11.78°
LENGTH2,030.11
DEGREE OF CURVATURE (ARC): 0.58°
TANGENT: 1,018.64
CHORD: 2,026.53
MIDDLE ORDINATE: 52.13

Curve Number 19

	STATION	(X)	(Y)
PC	437+41.80	247,002.70	3,904,999.38
PI		246,164.44	3,904,265.17
CC		250,775.84	3,900,691.55
PT	459+42.97	245,662.66	3,903,270.20

TOTAL CENTRAL ANGLE: 22.02° RIGHT
FIRST SUBTANGENT DISTANCE: 1114.34'
SECOND SUBTANGENT DISTANCE: 1114.34'
EXTERNAL: 107.41

RADIUS: 5,726.60
DELTA: 22.02°
LENGTH: 2,201.17
DEGREE OF CURVATURE (ARC): 1.00°
TANGENT: 1,114.34
CHORD: 2,187.64
MIDDLE ORDINATE: 105.43

Curve Number 20

	STATION	(X)	(Y)
PC	467+91.46	245,280.59	3,902,512.59
PI		244,949.26	3,901,855.59
CC		240,165.37	3,905,092.27
PT	482+55.10	244,462.64	3,901,303.64

TOTAL CENTRAL ANGLE: 14.64° RIGHT
FIRST SUBTANGENT DISTANCE: 735.83'
SECOND SUBTANGENT DISTANCE: 735.83'
EXTERNAL: 47.06

RADIUS:5,728.90
DELTA: 14.64°
LENGTH:1,463.64
DEGREE OF CURVATURE (ARC): 1.00°
TANGENT: 735.83
CHORD: 1,459.66
MIDDLE ORDINATE: 46.68

Curve Number 21

	STATION	(X)	(Y)
PC	505+00.79	242,977.52	3,899,619.14
PI		242,562.25	3,899,148.11
CC		244,494.08	3,898,282.08
PT	517+18.48	242,486.89	3,898,524.71

TOTAL CENTRAL ANGLE: 34.51° RIGHT
FIRST SUBTANGENT DISTANCE: 627.94
SECOND SUBTANGENT DISTANCE: 627.94
EXTERNAL: 95.27

RADIUS:2,021.80
DELTA: 34.51°
LENGTH:1,217.69
DEGREE OF CURVATURE (ARC): 2.83°
TANGENT: 627.94
CHORD: 1,199.36
MIDDLE ORDINATE: 90.98

Curve Number 22

	STATION	(X)	(Y)
PC	528+32.07	242,353.25	3,897,419.16
PI		242,133.53	3,895,601.49
CC		236,153.74	3,898,168.57
PT	563+94.06	240,967.09	3,894,190.23

TOTAL CENTRAL ANGLE: 32.68° RIGHT
FIRST SUBTANGENT DISTANCE: 1830.91
SECOND SUBTANGENT DISTANCE: 1830.91
EXTERNAL: 262.88

RADIUS:6,244.64
DELTA: 32.68°
LENGTH3,561.99
DEGREE OF CURVATURE (ARC): 0.92°
TANGENT: 1,830.91
CHORD: 3,513.89
MIDDLE ORDINATE: 252.26

Curve Number 23

	STATION	(X)	(Y)
PC	579+05.79	240,004.00	3,893,024.99
PI		239,590.98	3,892,525.29
CC		244,428.27	3,889,368.23
PT	591+96.91	239,299.83	3,891,946.05

TOTAL CENTRAL ANGLE: 12.88° RIGHT
FIRST SUBTANGENT DISTANCE: 648.3
SECOND SUBTANGENT DISTANCE: 648.3
EXTERNAL: 36.5

RADIUS:5,739.86
DELTA: 12.88°
LENGTH:1,291.12
DEGREE OF CURVATURE (ARC): 0.99°
TANGENT: 648.29
CHORD: 1,288.40
MIDDLE ORDINATE: 36.26

Curve Number 24

	STATION	(X)	(Y)
PC	624+18.82	237,852.85	3,889,067.34
PI		236,676.74	3,886,727.53
CC		248,090.48	3,883,921.39
PT	675+67.92	236,633.83	3,884,109.12

TOTAL CENTRAL ANGLE: 25.75° RIGHT
FIRST SUBTANGENT DISTANCE: 2618.77
SECOND SUBTANGENT DISTANCE: 2618.77
EXTERNAL: 295.45

RADIUS: 11,458.18
DELTA: 25.75°
LENGTH: 5,149.10
DEGREE OF CURVATURE (ARC): 0.5°
TANGENT: 2,618.77
CHORD: 5,105.88
MIDDLE ORDINATE: 288.02

SOURCE: OPEN ROADS DESIGNER

TIGER PASS CHANNEL C/L ALIGNMENT COORDINATES

POINT TYPE	STATION	NORTHING	EASTING	SHEET #
POB	223+04.849	265,993.33	3,913,241.97	---
PC	228+45.243	265,465.98	3,913,359.95	---
PI	234+47.140	264,878.60	3,913,491.36	---
PT	240+05.931	264,332.27	3,913,238.77	C-01
PC	247+67.510	263,641.00	3,912,919.16	
PI	252+74.923	263,180.43	3,912,706.22	
PT	257+79.924	262,690.64	3,912,573.68	
PC	280+80.568	260,469.86	3,911,972.73	
PI	288+66.532	259,711.19	3,911,767.43	
PT	296+42.804	259,035.49	3,911,365.96	
PI	300+14.151	258,716.24	3,911,176.28	
PC	301+91.517	258,563.76	3,911,085.68	
PI	306+42.164	258,176.34	3,910,855.49	
PT	310+91.205	257,759.53	3,910,684.18	
PC	316+17.406	257,272.83	3,910,484.14	
PI	323+16.197	256,626.51	3,910,218.49	
PT	330+13.388	256,015.69	3,909,879.06	
PC	334+02.060	255,675.95	3,909,690.27	
PI	343+91.992	254,810.64	3,909,209.43	
PT	353+44.867	253,821.28	3,909,175.62	
PC	364+73.108	252,693.70	3,909,137.09	
PI	368+64.181	252,302.86	3,909,123.74	
PT	372+48.628	251,935.86	3,908,988.64	C-02
PC	387+69.669	250,508.43	3,908,463.27	
PI	393+73.339	249,941.92	3,908,254.76	
PT	399+43.876	249,578.58	3,907,772.67	
PC	408+30.363	249,045.05	3,907,064.72	
PI	418+49.007	248,431.95	3,906,251.24	
PT	428+60.468	247,665.68	3,905,580.08	
PC	437+41.800	247,002.70	3,904,999.38	
PI	448+56.138	246,164.44	3,904,265.17	
PT	459+42.968	245,662.66	3,903,270.20	
PC	467+91.458	245,280.60	3,902,512.59	
PI	475+27.285	244,949.26	3,901,855.59	
PT	482+55.099	244,462.64	3,901,303.64	
PC	505+00.794	242,977.52	3,899,619.14	
PI	511+28.735	242,562.25	3,899,148.11	
PT	517+18.480	242,486.89	3,898,524.71	C-03
PC	528+32.076	242,353.25	3,897,419.16	
PI	546+62.984	242,133.53	3,895,601.49	
PT	563+94.063	240,967.09	3,894,190.23	
PC	579+05.796	240,004.00	3,893,024.99	
PI	585+54.091	239,590.98	3,892,525.29	
PT	591+96.915	239,299.83	3,891,946.05	
PC	624+18.824	237,852.85	3,889,067.34	
PI	650+37.592	236,676.74	3,886,727.53	
PT	675+67.922	236,633.83	3,884,109.12	C-04
PI	740+00.806	236,528.44	3,877,677.10	
PI	759+73.034	236,496.25	3,875,705.13	
POE	772+15.390	236,477.00	3,874,462.92	

APPROXIMATE ACCESS ROUTE C/L COORDINATES

ACCESS ROUTE	ACCESS ROUTE POINT	X-COORDINATE	Y-COORDINATE
1	PTA	3,908,257	250,558
	PTB	3,906,680	250,903
	PTC	3,906,289	251,113
2	PTA	3,906,925	249,098
	PTB	3,906,198	249,979
3	PTA	3,904,657	247,036
	PTB	3,903,552	248,261
	PTC	3,903,286	248,929
4	PTA	3,902,428	245,368
	PTB	3,901,406	247,097
5	PTA	3,898,716	242,774
	PTB	3,897,504	244,890
	PTC	3,898,458	246,383
6	PTA	3,900,935	244,388
	PTB	3,900,184	244,331
	PTC	3,900,858	245,248

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
NEW ORLEANS, LOUISIANA

ED 24-011

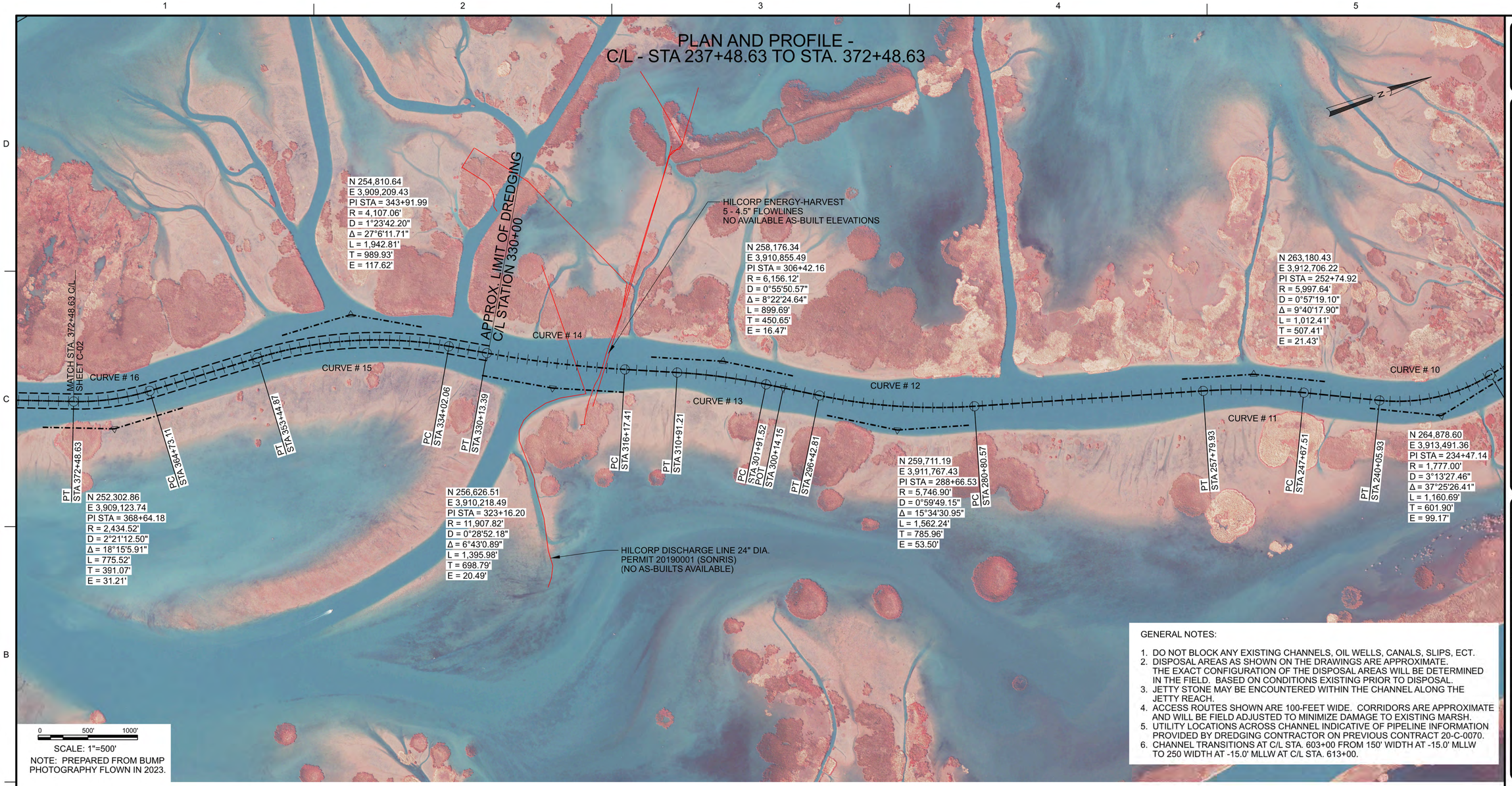
MISSISSIPPI RIVER OUTLETS
VICINITY OF WEST POINTE A LA HACHE, LOUISIANA
TIGER PASS BAR CHANNEL
MAINTENANCE DREDGING

TABULATIONS, CHANNEL C/L COORDINATES AND CURVE DATA

PLAQUEMINES PARISH, LA

SHEET IDENTIFICATION
G-03

PLAN AND PROFILE - C/L - STA 237+48.63 TO STA. 372+48.63



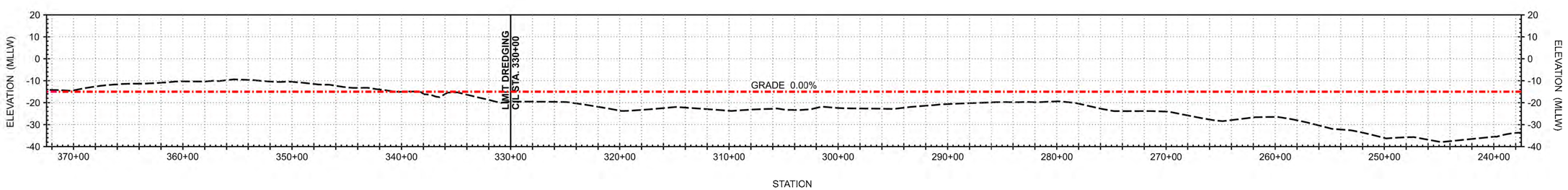
NOTE: PREPARED FROM BUMP PHOTOGRAPHY FLOWN IN 2023.

GENERAL NOTES:

1. DO NOT BLOCK ANY EXISTING CHANNELS, OIL WELLS, CANALS, SLIPS, ECT.
2. DISPOSAL AREAS AS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE EXACT CONFIGURATION OF THE DISPOSAL AREAS WILL BE DETERMINED IN THE FIELD. BASED ON CONDITIONS EXISTING PRIOR TO DISPOSAL.
3. JETTY STONE MAY BE ENCOUNTERED WITHIN THE CHANNEL ALONG THE JETTY REACH.
4. ACCESS ROUTES SHOWN ARE 100-FEET WIDE. CORRIDORS ARE APPROXIMATE AND WILL BE FIELD ADJUSTED TO MINIMIZE DAMAGE TO EXISTING MARSH.
5. UTILITY LOCATIONS ACROSS CHANNEL INDICATIVE OF PIPELINE INFORMATION PROVIDED BY DREDGING CONTRACTOR ON PREVIOUS CONTRACT 20-C-0070.
6. CHANNEL TRANSITIONS AT C/L STA. 603+00 FROM 150' WIDTH AT -15.0' MLLW TO 250 WIDTH AT -15.0' MLLW AT C/L STA. 613+00.

NOTE: SURVEY DATA TAKEN NOVEMBER 2023.

TIGER PASS PROFILE VIEW



US Army Corps of Engineers
NEW ORLEANS DISTRICT

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
NEW ORLEANS, LOUISIANA

ED 24-011

DESIGNED BY: MATTHEW BARBIER, P.E.
DATE: SEPTEMBER 2024
DWN BY: M.P.B.
CKD BY: S. CLEMENT
SOLICITATION NO.: W912P8250002
SUBMITTED BY: JASON A. BINET, P.E.
CONTRACT NO.:
PLOT SCALE: 1:500
PLOT DATE: 09/20/2024
FILE NUMBER: H-16-48731
SIZE: ANSI D
FILE NAME: 48731_C01

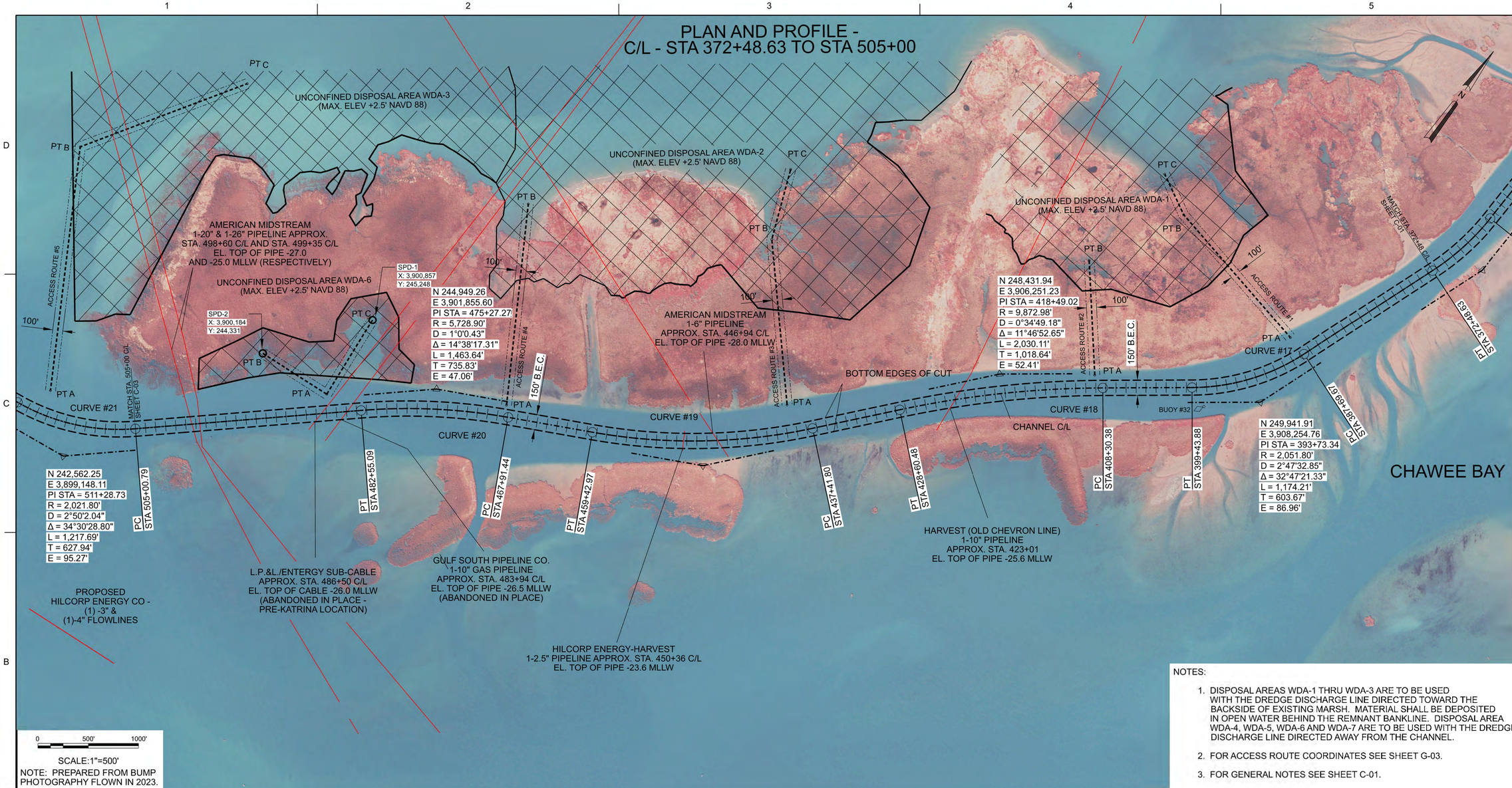
MISSISSIPPI RIVER OUTLETS
VICINITY OF BELLE CHASSE, LOUISIANA
TIGER PASS BAR CHANNEL
MAINTENANCE DREDGING

PLAN AND PROFILE -
C/L STAS. 237+48.63 TO STA. 372+48.63

PLAQUEMINES PARISH, LA

SHEET IDENTIFICATION
C-01

PLAN AND PROFILE - C/L - STA 372+48.63 TO STA 505+00

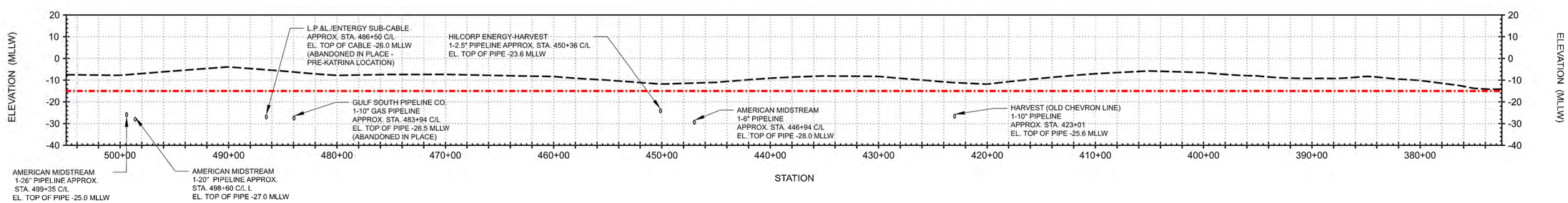


NOTES:

1. DISPOSAL AREAS WDA-1 THRU WDA-3 ARE TO BE USED WITH THE DREDGE DISCHARGE LINE DIRECTED TOWARD THE BACKSIDE OF EXISTING MARSH. MATERIAL SHALL BE DEPOSITED IN OPEN WATER BEHIND THE REMNANT BANKLINE. DISPOSAL AREA WDA-4, WDA-5, WDA-6 AND WDA-7 ARE TO BE USED WITH THE DREDGE DISCHARGE LINE DIRECTED AWAY FROM THE CHANNEL.
2. FOR ACCESS ROUTE COORDINATES SEE SHEET G-03.
3. FOR GENERAL NOTES SEE SHEET C-01.

NOTE: SURVEY DATA TAKEN NOVEMBER 2023.

TIGER PASS PROFILE VIEW



US Army Corps of Engineers®
NEW ORLEANS DISTRICT

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: MATTHEW BARBIER, P.E.
DWN BY: M.P.B.
CKD BY: S. CLEMENT
SUBMITTED BY: JASON A. BINET, P.E.
PLOT SCALE: 1:500
PLOT DATE: 09/26/2024
SIZE: ANSI D
FILE NAME: 49731-C02
DATE: SEPTEMBER 2024
SOLICITATION NO.: W912P8250002
CONTRACT NO.:
FILE NUMBER: H-16-40-31

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
NEW ORLEANS, LOUISIANA

ED 24-011

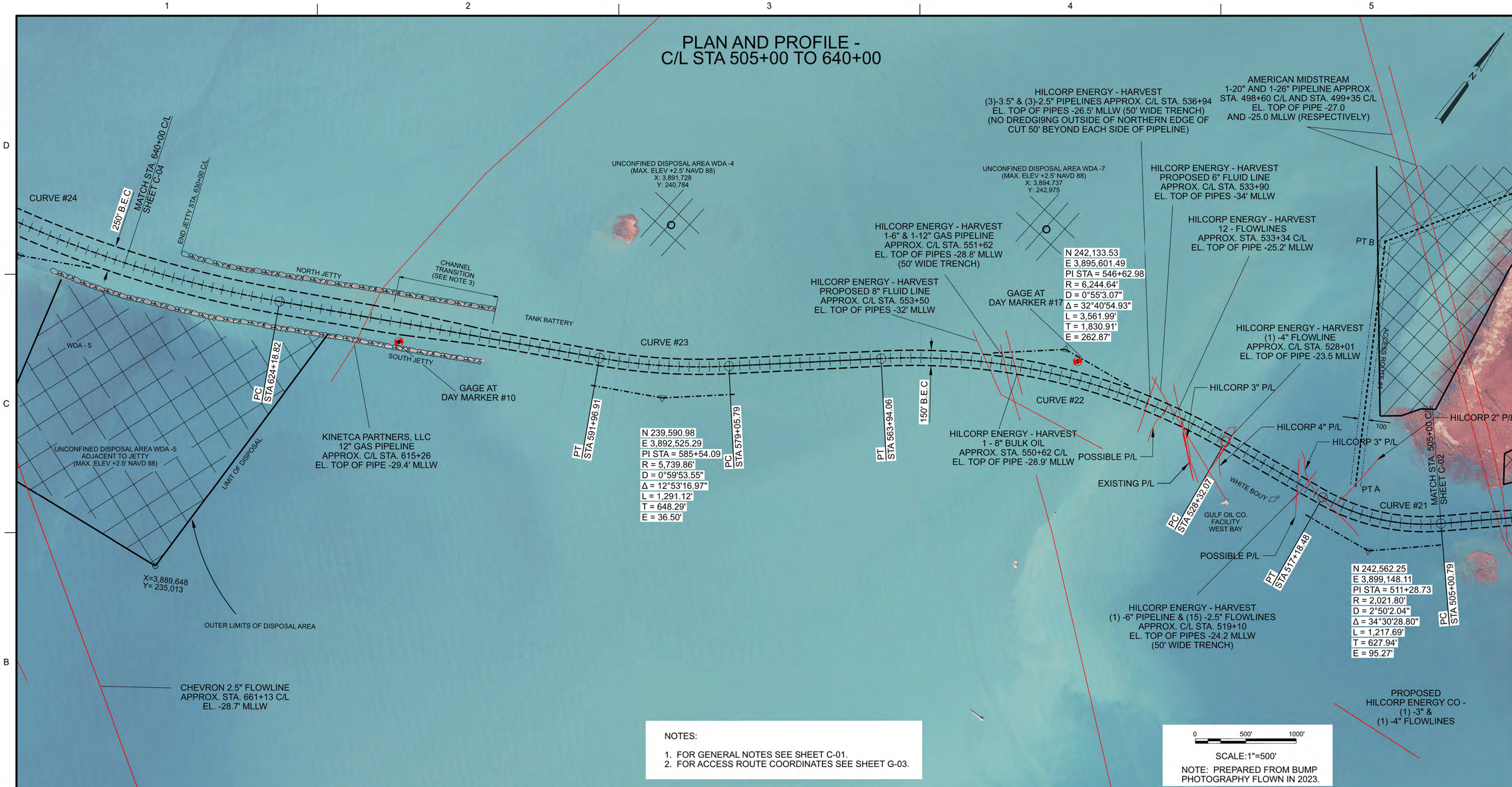
MISSISSIPPI RIVER OUTLETS
VICINITY OF VENICE, LOUISIANA
TIGER PASS BAR CHANNEL
MAINTENANCE DREDGING

PLAN AND PROFILE -
C/L STAS. 372+48 TO 505+00

PLAQUEMINES PARISH, LA

SHEET IDENTIFICATION
C-02

PLAN AND PROFILE - C/L STA 505+00 TO 640+00

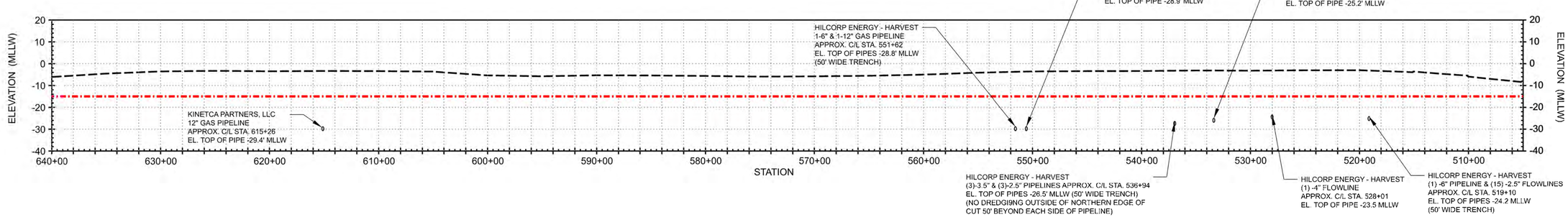


NOTES:

1. FOR GENERAL NOTES SEE SHEET C-01.
2. FOR ACCESS ROUTE COORDINATES SEE SHEET G-03.

PROFILE VIEW

NOTE: SURVEY DATA TAKEN UPSTREAM OF STATION 505+00 WAS TAKEN IN NOVEMBER 2023. SURVEY DATA TAKEN DOWNSTREAM OF STATION 505+00 WAS TAKEN IN APRIL 2024.



US Army Corps of Engineers®
NEW ORLEANS DISTRICT

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
NEW ORLEANS, LOUISIANA

DESIGNED BY: MATTHEW BARBIER, P.E.	DATE: SEPTEMBER 2024	
DWN BY: M.P.B.	CKD BY: S. CLEMENT	SOLICITATION NO.: W912P8250002
SUBMITTED BY: JASON A. BINET, P.E.		CONTRACT NO.:
PLOT SCALE: 1:500	PLOT DATE: 09/09/2024	FILE NUMBER: H-16-4131
SIZE: ANSI D	FILE NAME: 48731 C03	

ED 24-011

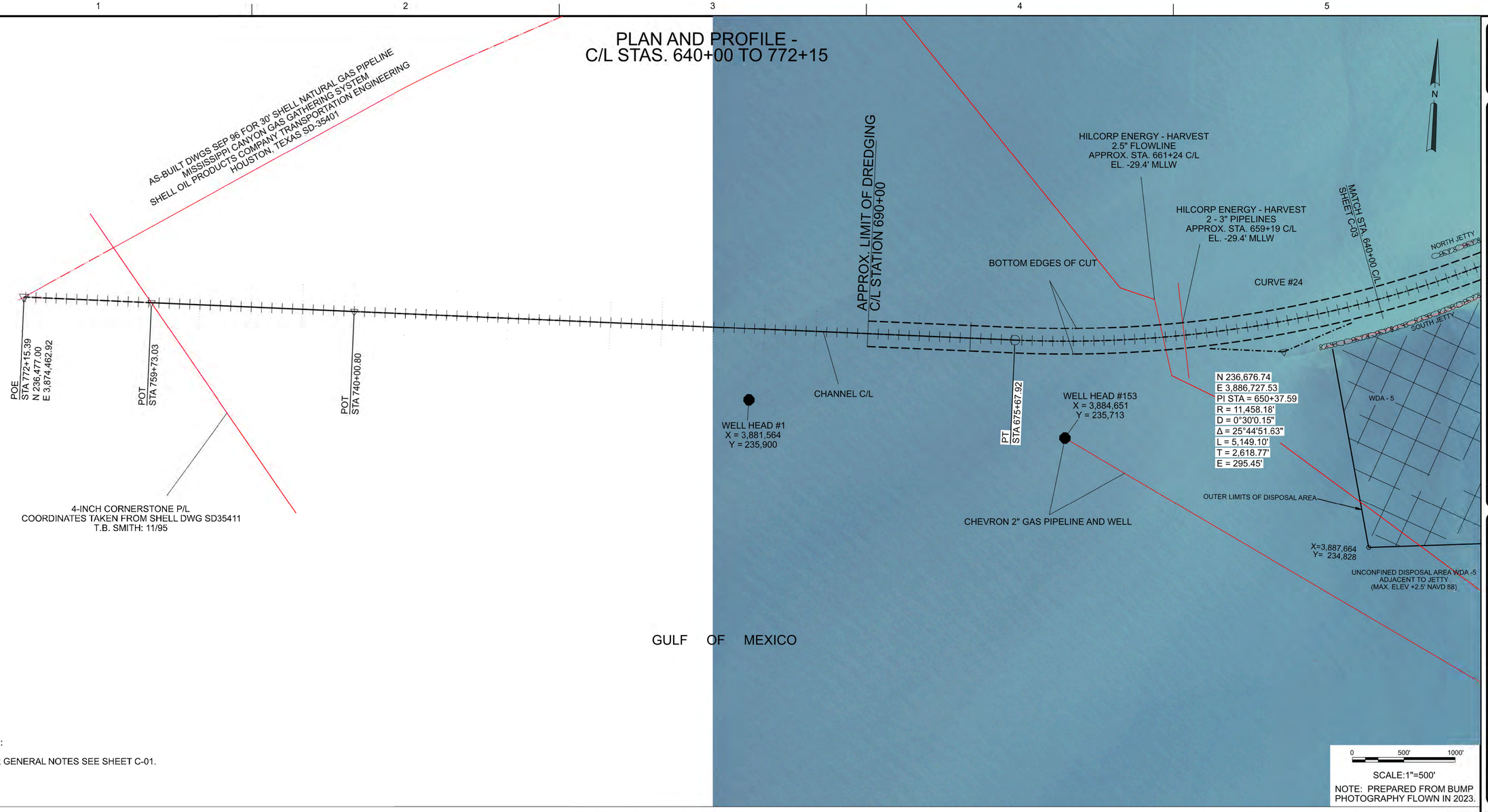
MISSISSIPPI RIVER OUTLETS
VICINITY OF SOUTHWEST PASS
TIGER PASS BAR CHANNEL
MAINTENANCE DREDGING

PLAN AND PROFILE -
C/L STAS. 505+00 TO 640+00

PLAQUEMINES PARISH, LA

SHEET IDENTIFICATION
C-03

PLAN AND PROFILE - C/L STAS. 640+00 TO 772+15

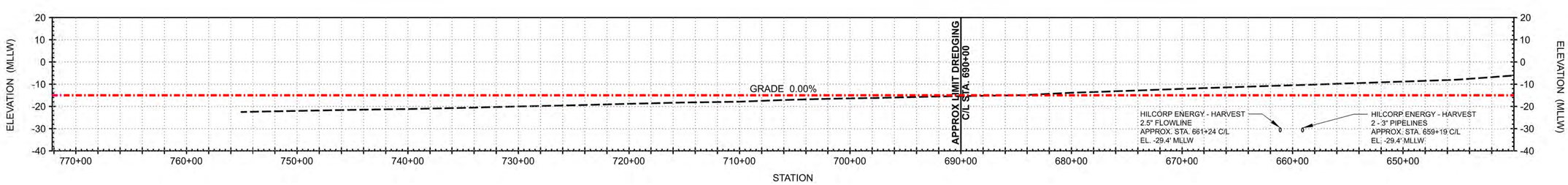


NOTES:

1. FOR GENERAL NOTES SEE SHEET C-01.

NOTE: SURVEY DATA TAKEN APRIL 2024.

TIGER PASS PROFILE VIEW



US Army Corps of Engineers®
NEW ORLEANS DISTRICT

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
NEW ORLEANS, LOUISIANA

DESIGNED BY: MATTHEW BARBIER, P.E.
DWN BY: M.P.B.
CKD BY: S. CLEMENT
SUBMITTED BY: JASON A. BINET, P.E.
PLOT SCALE: 1:500
PLOT DATE: 09/09/2024
SIZE: ANSI D
FILE NAME: 49731_C-04
DATE: SEPTEMBER 2024
SOLICITATION NO.: W912P8250002
CONTRACT NO.:
FILE NUMBER: H-14-49731
ED 24-011

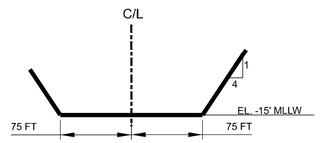
MISSISSIPPI RIVER OUTLETS
VICINITY OF SOUTHWEST PASS, LOUISIANA
TIGER PASS BAR CHANNEL
MAINTENANCE DREDGING

PLAN AND PROFILE -
C/L STAS. 640+00 TO 772+15

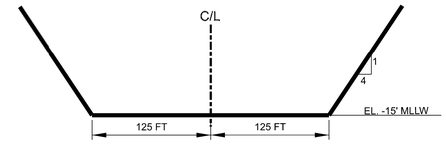
PLAQUEMINES PARISH, LA

SHEET IDENTIFICATION
C-04

TYPICAL SECTIONS - C/L STATION 330+00 TO C/L STATION 380+00 AND THEORETICAL SECTIONS



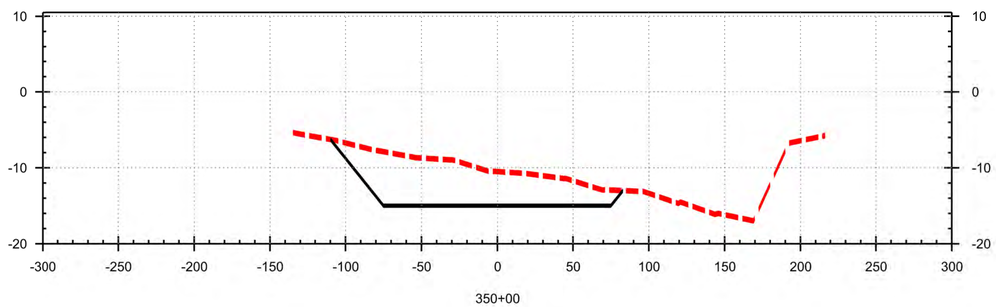
C/L STA. 330+00 TO STA. 603+00



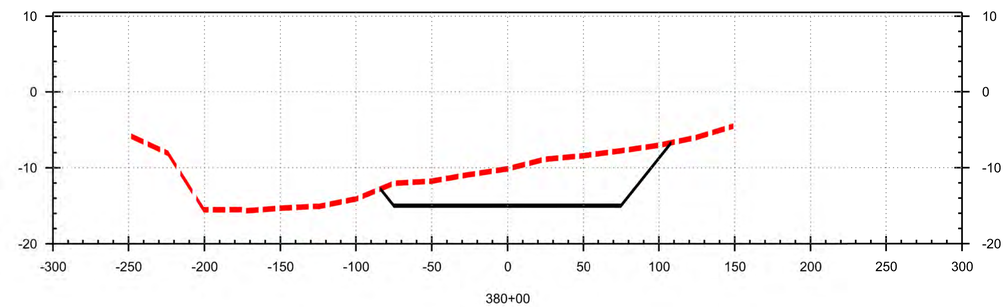
C/L STA. 613+00 TO STA. 690+00

NOTES:

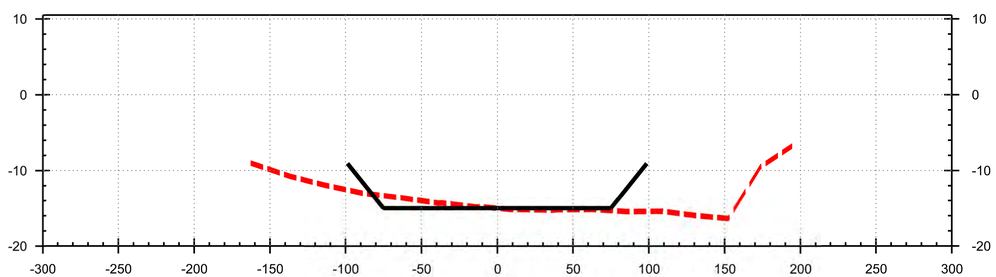
1. ALL ELEVATIONS DEPICTED ARE IN MLLW. DATUM.
2. CROSS SECTIONS ARE REPRESENTATIVE OF SURVEY CONDITIONS THAT EXISTED IN NOVEMBER 2023.
3. STATION NUMBERS REFLECT CENTERLINE STATIONING.
4. FROM C/L STA. 603+00 TO C/L STA. 613+00 CHANNEL TRANSITIONS FROM 150' WIDE TO 250' WIDE.
5. SIDE SLOPES ARE 1V ON 4H



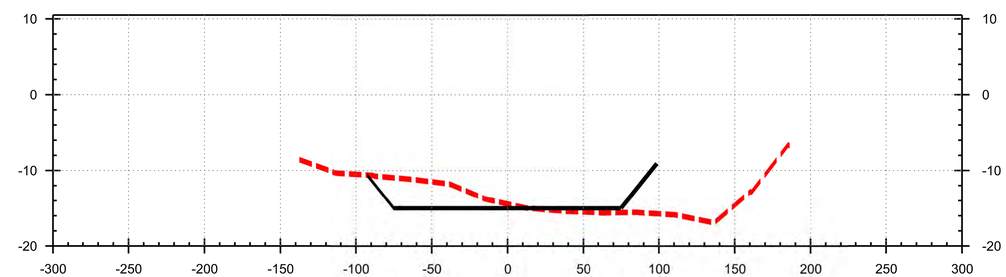
350+00



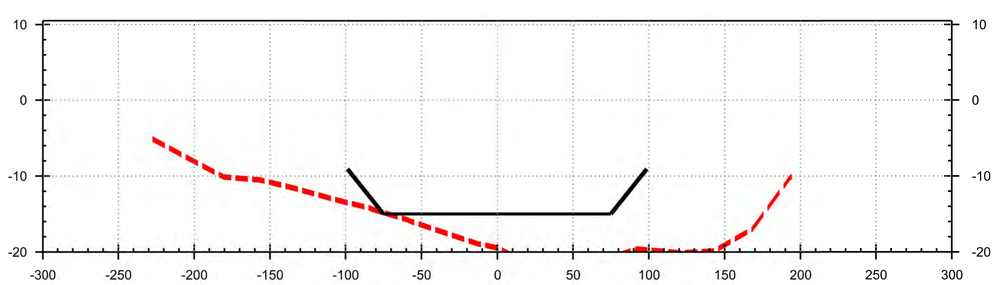
380+00



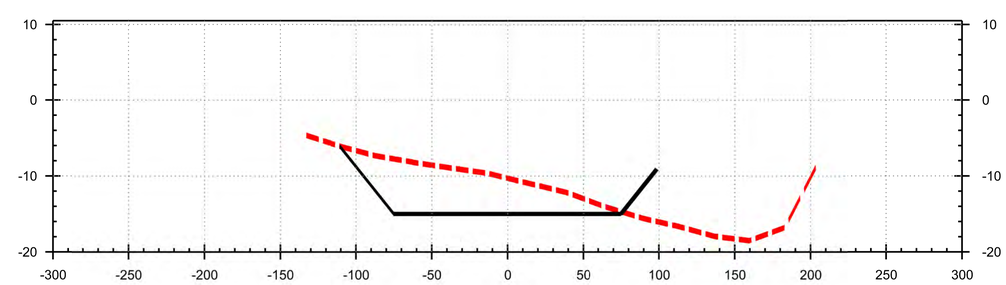
340+00



370+00



330+00



360+00

US Army Corps of Engineers®
NEW ORLEANS DISTRICT

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
NEW ORLEANS, LOUISIANA

ED 24-011

DESIGNED BY: MATTHEW BARGER, P.E.
DWN BY: M.P.B.
CKD BY: S. CLEMENT
SUBMITTED BY: JASON A. BINET, P.E.
PLOT SCALE: 600:1
PLOT DATE: 09/30/2024
SIZE: ANSI D
FILE NAME: 24011_C05
DATE: SEPTEMBER 2024
SOLICITATION NO.: W912P8-25-B-0002
CONTRACT NO.:
FILE NUMBER: H-116-49131

MISSISSIPPI RIVER OUTLETS
VICINITY OF VENICE, LOUISIANA
MISSISSIPPI RIVER, LOUISIANA
MAINTENANCE DREDGING

CROSS SECTIONS - C/L STAS. 330+00 TO 380+00
AND THEORETICAL SECTIONS

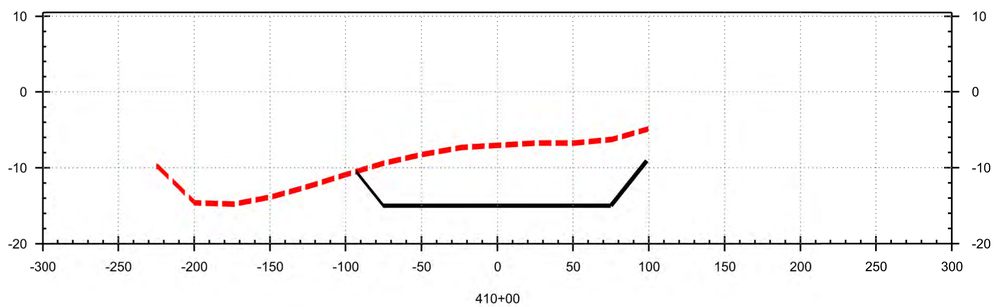
PLAQUEMINES PARISH, LA

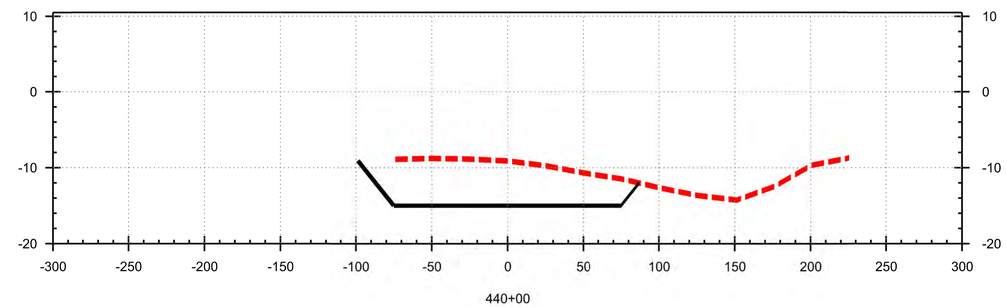
SHEET IDENTIFICATION
C-05

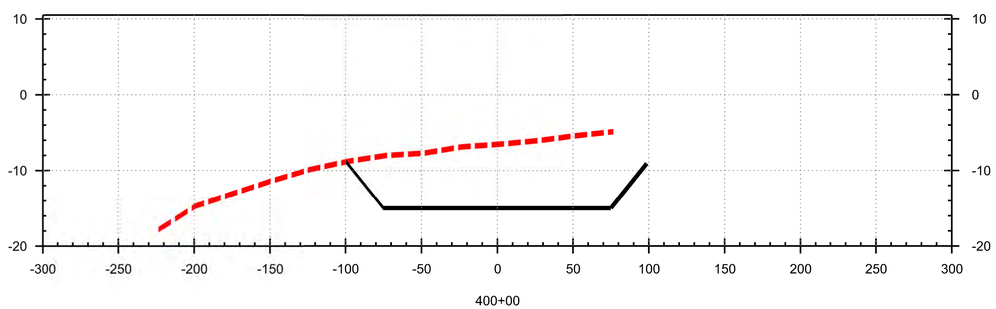
TYPICAL SECTIONS - C/L STATION 390+00 TO C/L STATION 440+00

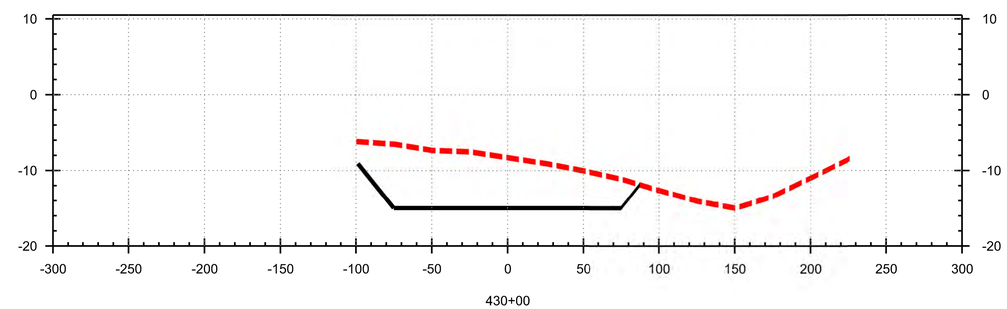
NOTES:

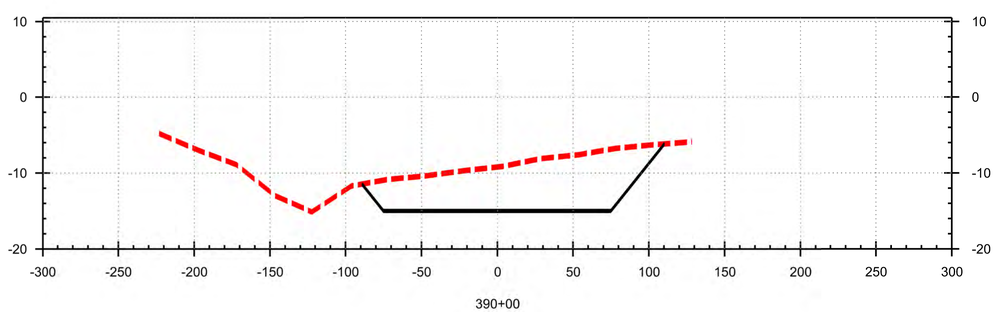
1. ALL ELEVATIONS DEPICTED ARE IN MLLW DATUM.
2. CROSS SECTIONS ARE REPRESENTATIVE OF SURVEY CONDITIONS THAT EXISTED IN NOVEMBER 2023.
3. STATION NUMBERS REFLECT CENTERLINE STATIONING.
4. FROM C/L STA. 603+00 TO C/L STA. 613+00 CHANNEL TRANSITIONS FROM 150' WIDE TO 250' WIDE.
5. SIDE SLOPES ARE 1V ON 4H

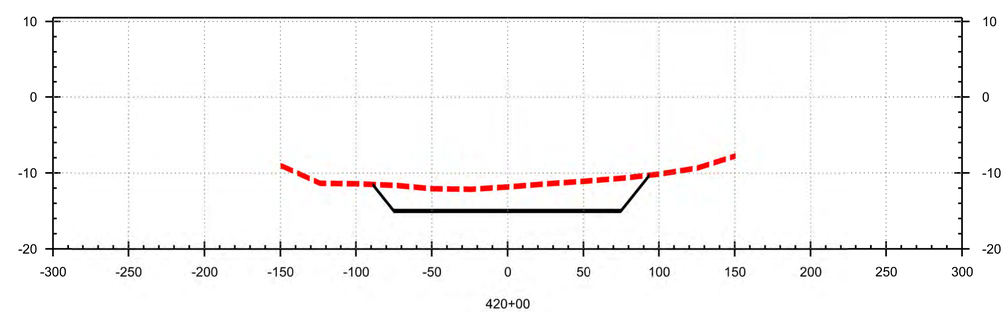












US Army Corps of Engineers®
NEW ORLEANS DISTRICT

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
NEW ORLEANS, LOUISIANA

DESIGNED BY: MATTHEW BARGER, P.E.
DWN BY: M.P.B.
CKD BY: S. CLEMENT
SUBMITTED BY: JASON A. BINET, P.E.
DATE: SEPTEMBER 2024
SOLICITATION NO.: W912P8-25-R-0002
CONTRACT NO.:
PLOT SCALE: 60:1
PLOT DATE: 09/30/2024
FILE NUMBER: H-116-49131
SIZE: ANSI D
FILE NAME: H116-49131_C06
ED 24-011

MISSISSIPPI RIVER OUTLETS
VICINITY OF VENICE, LOUISIANA
HURRICANE ISAAC EMERGENCY
MAINTENANCE DREDGING

CROSS SECTIONS - C/L STAS.
390+00 TO 440+00

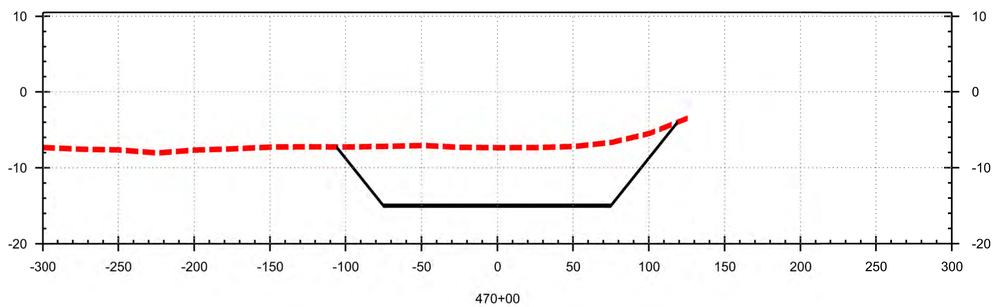
PLAQUEMINES PARISH, LA

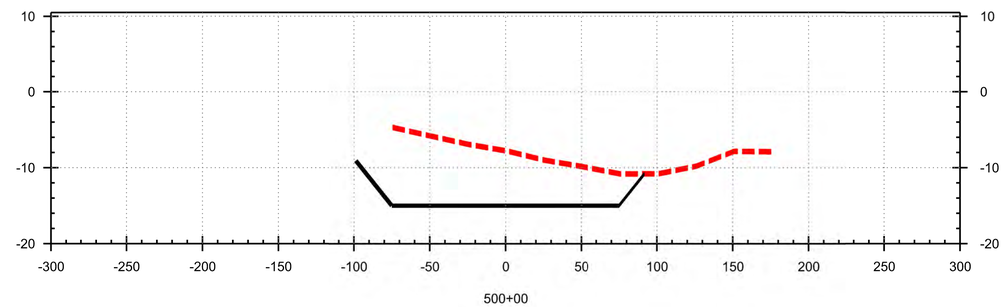
SHEET IDENTIFICATION
C-06

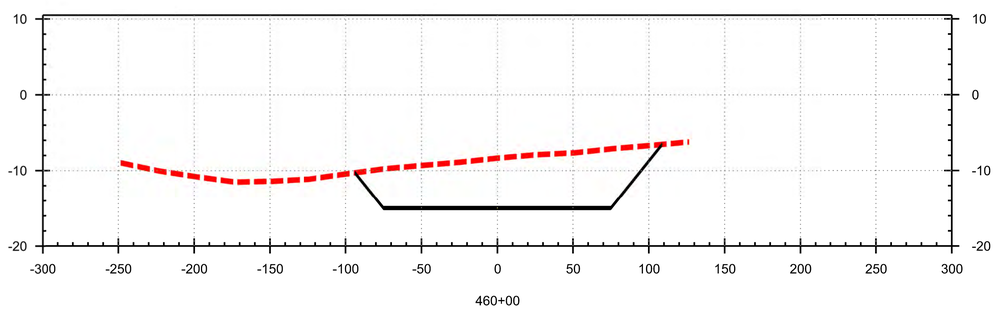
TYPICAL SECTIONS - C/L STATION 450+00 TO C/L STATION 500+00

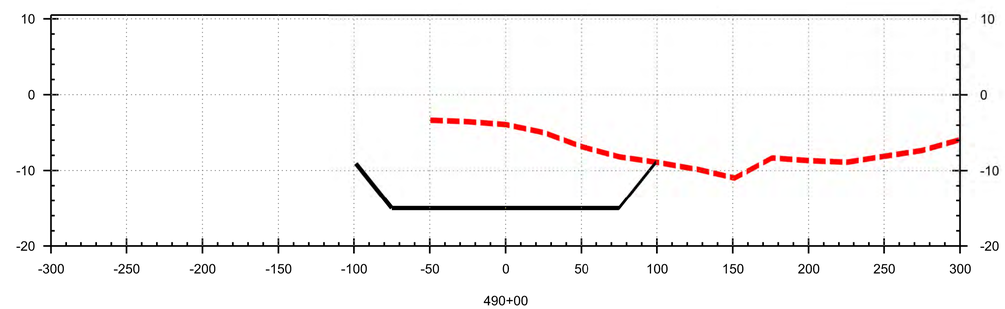
NOTES:

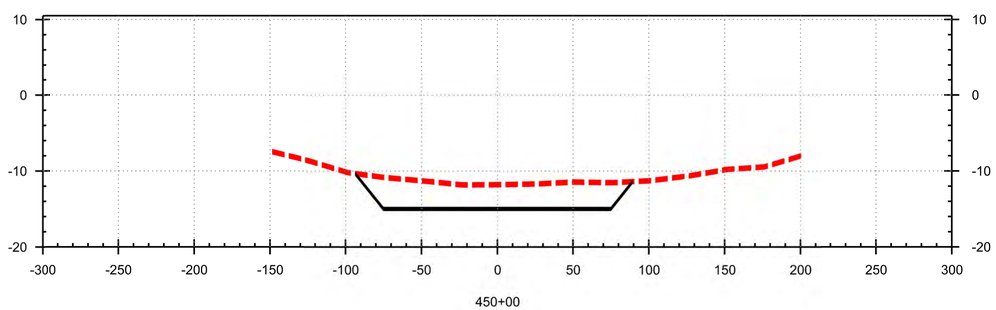
1. ALL ELEVATIONS DEPICTED ARE IN MLLW DATUM.
2. CROSS SECTIONS ARE REPRESENTATIVE OF SURVEY CONDITIONS THAT EXISTED IN NOVEMBER 2023.
3. STATION NUMBERS REFLECT CENTERLINE STATIONING.
4. FROM C/L STA. 603+00 TO C/L STA. 613+00 CHANNEL TRANSITIONS FROM 150' WIDE TO 250' WIDE.
5. SIDE SLOPES ARE 1V ON 4H

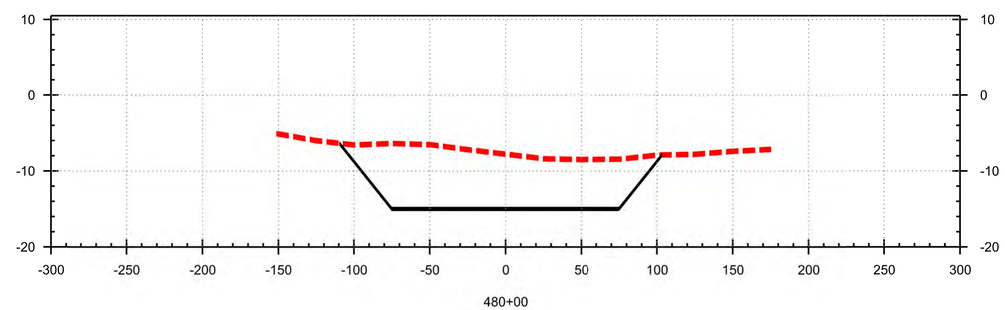












US Army Corps of Engineers®
NEW ORLEANS DISTRICT

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
NEW ORLEANS, LOUISIANA

ED 24-011

DESIGNED BY: MATTHEW BARGER, P.E.
DWN BY: M.P.B.
CKD BY: S. CLEMENT
SUBMITTED BY: JASON A. BINET, P.E.
PLOT SCALE: 1:00:1
PLOT DATE: 09/30/2024
SIZE: ANSI D
FILE NAME: 450-500_C07
DATE: SEPTEMBER 2024
SOLICITATION NO.: W912P8-24-B-0002
CONTRACT NO.:
FILE NUMBER: H-116-49131

MISSISSIPPI RIVER OUTLETS
VICINITY OF VENICE, LOUISIANA
(MR-GO ISOLATED CHANNEL)
MAINTENANCE DREDGING

CROSS SECTIONS - C/L STAS. 450+00 TO 500+00

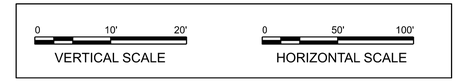
PLAQUEMINES PARISH, LA

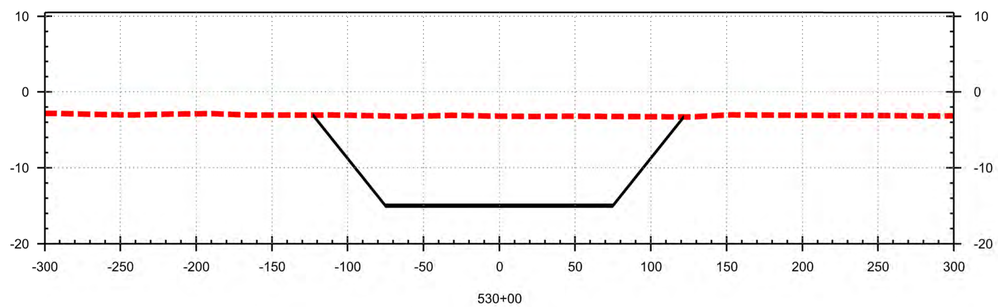
SHEET IDENTIFICATION
C-07

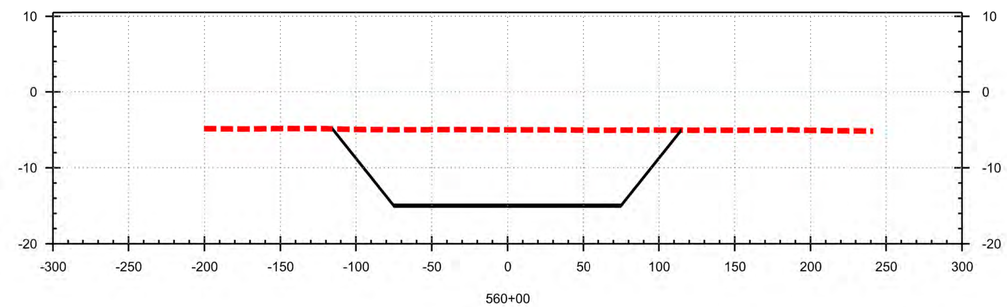
TYPICAL SECTIONS - C/L STATION 510+00 TO C/L STATION 560+00

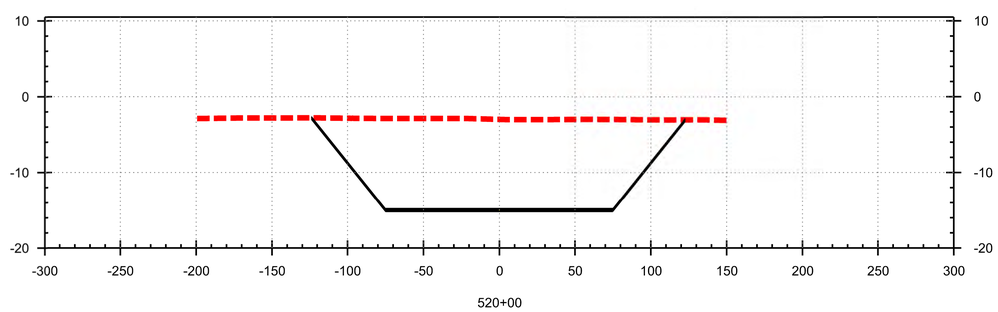
NOTES:

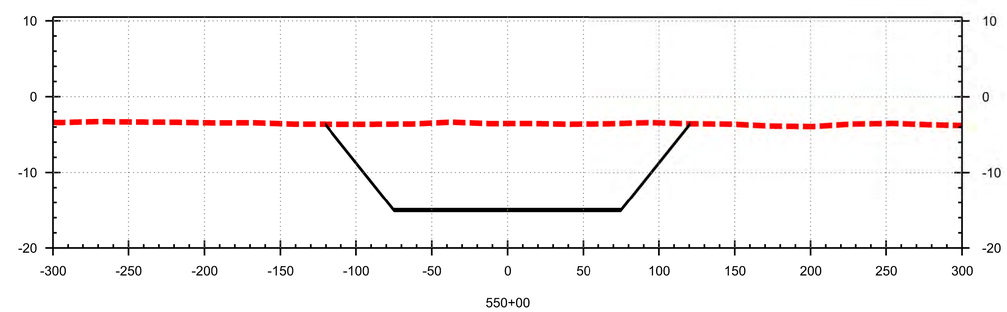
1. ALL ELEVATIONS DEPICTED ARE IN MLLW DATUM.
2. CROSS SECTIONS ARE REPRESENTATIVE OF SURVEY CONDITIONS THAT EXISTED IN APRIL 2024.
3. STATION NUMBERS REFLECT CENTERLINE STATIONING.
4. FROM C/L STA. 603+00 TO C/L STA. 613+00 CHANNEL TRANSITIONS FROM 150' WIDE TO 250' WIDE.
5. SIDE SLOPES ARE 1V ON 4H

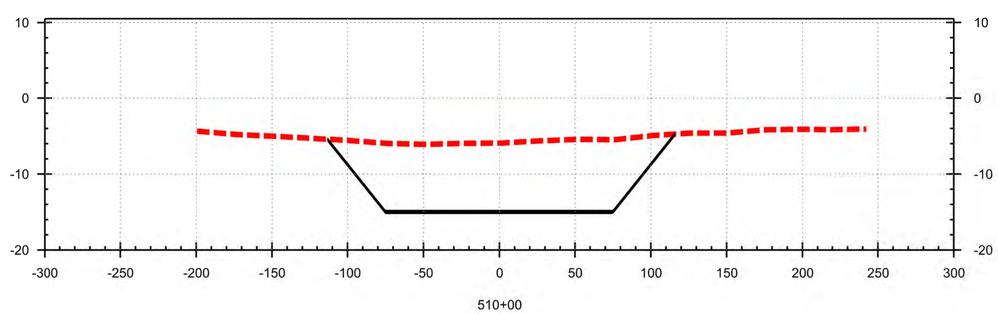


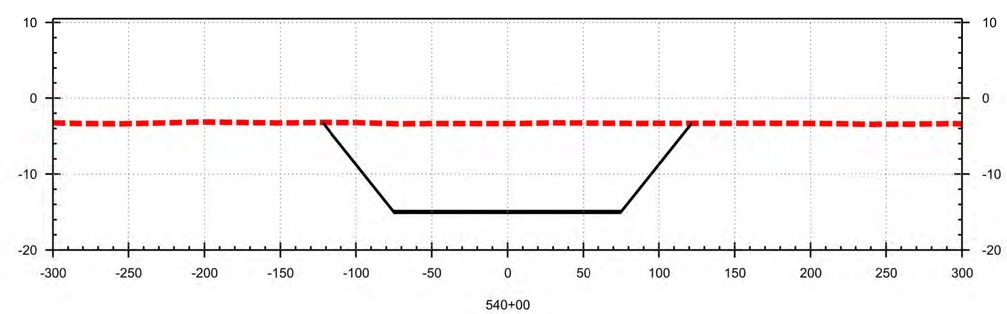












US Army Corps of Engineers®
NEW ORLEANS DISTRICT

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
NEW ORLEANS, LOUISIANA

DESIGNED BY: MATTHEW BARGIER, P.E.
DWN BY: M.P.B.
CKD BY: S. CLEMENT
SUBMITTED BY: JASON A. BRET, P.E.
PLOT SCALE: 1:1
PLOT DATE: 09/30/2024
SIZE: ANSI D
FILE NAME: 48731_C08
DATE: SEPTEMBER 2024
SOLICITATION NO.: W912P623C0002
CONTRACT NO.:
FILE NUMBER: H-F-048731
ED 24-011

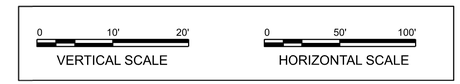
MISSISSIPPI RIVER OUTLETS
VARIOUS PARISHES, LOUISIANA
TIGER PASS BAR CHANNEL
MAINTENANCE DREDGING
CROSS SECTIONS - C/L STAS. 510+00 TO 560+00
PLAQUEMINES PARISH, LA

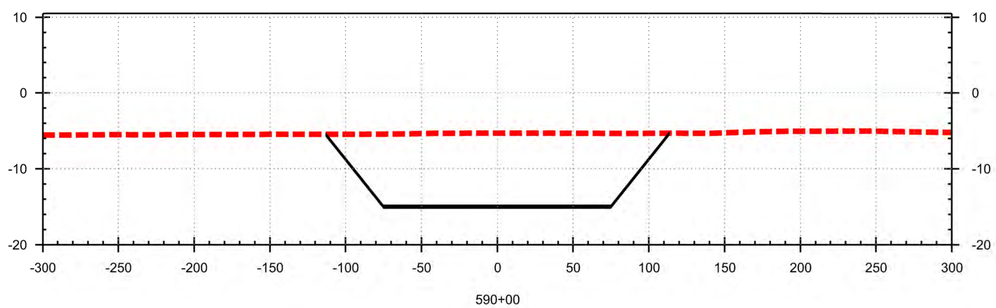
SHEET IDENTIFICATION
C-08

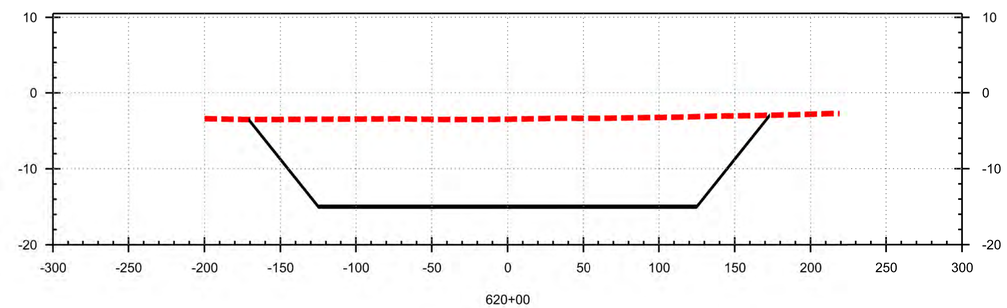
TYPICAL SECTIONS - C/L STATION 570+00 TO C/L STATION 620+00

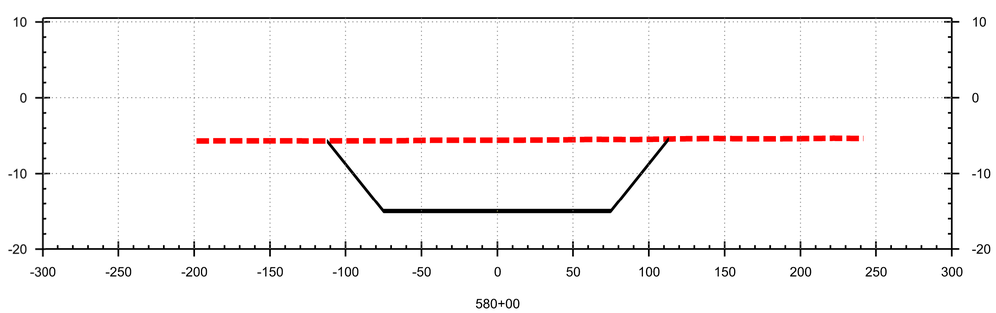
NOTES:

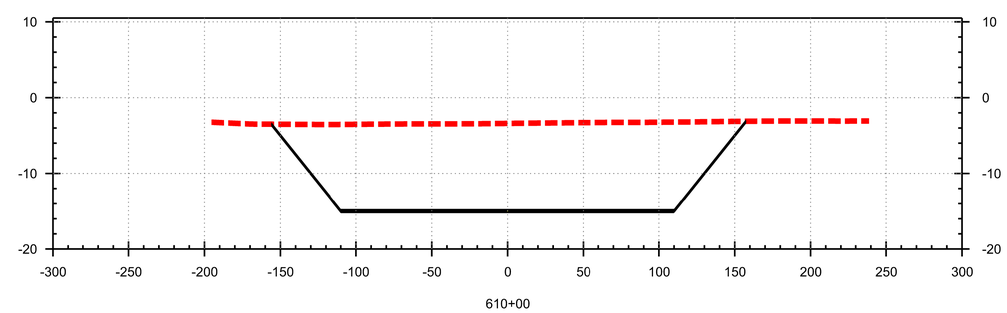
1. ALL ELEVATIONS DEPICTED ARE IN MLLW DATUM.
2. CROSS SECTIONS ARE REPRESENTATIVE OF SURVEY CONDITIONS THAT EXISTED IN APRIL 2024.
3. STATION NUMBERS REFLECT CENTERLINE STATIONING.
4. FROM C/L STA. 603+00 TO C/L STA. 613+00 CHANNEL TRANSITIONS FROM 150' WIDE TO 250' WIDE.
5. SIDE SLOPES ARE 1V ON 4H

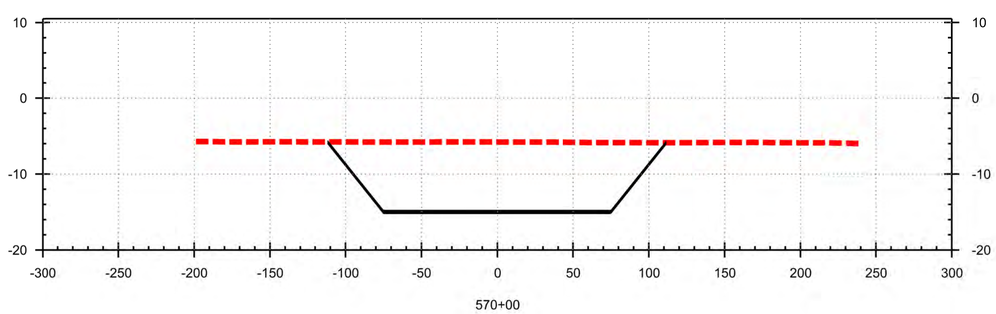


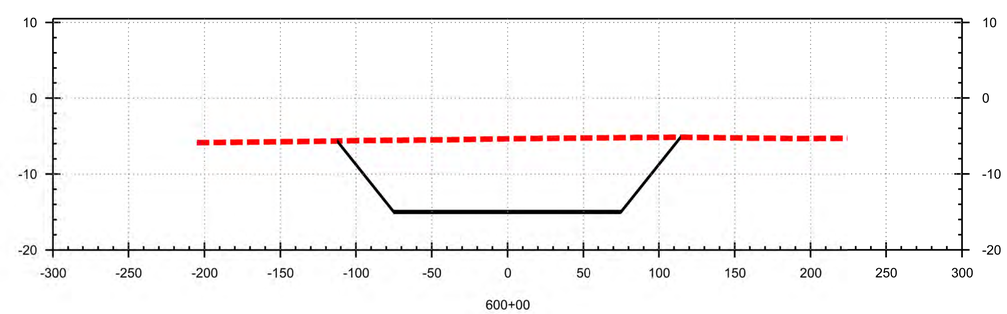












US Army Corps of Engineers®
NEW ORLEANS DISTRICT

MARK	DESCRIPTION	DATE	APPR.

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
NEW ORLEANS, LOUISIANA

DESIGNED BY: MATTHEW BARGER, P.E.
DWN BY: MPB
CKD BY: S CLEMENT
SUBMITTED BY: JASON A. BINET, P.E.
DATE: SEPTEMBER 2024
SOLICITATION NO.: W912P6250002
CONTRACT NO.:
FILE NUMBER: M-116-49/31
PLOT SCALE: 600:1
PLOT DATE: 09/30/2024
SIZE: ANSI D
FILE NAME: R0101-C09
ED 24-011

MISSISSIPPI RIVER OUTLETS
VICINITY OF VENICE, LOUISIANA
MISSISSIPPI RIVER GULF OUTLET
MAINTENANCE DREDGING

CROSS SECTIONS - C/L STAS. 570+00 TO 620+00

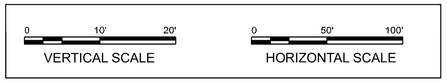
PLAQUEMINES PARISH, LA

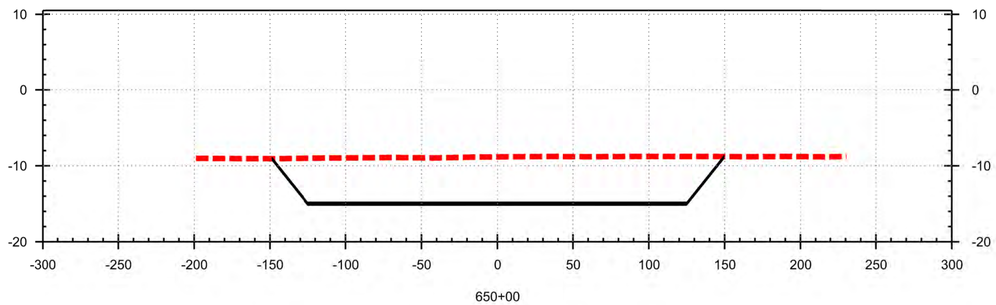
SHEET IDENTIFICATION
C-09

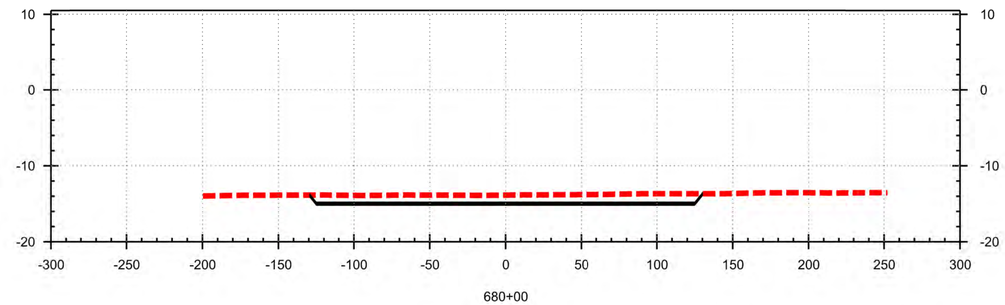
TYPICAL SECTIONS - C/L STATION 630+00 TO C/L STATION 680+00

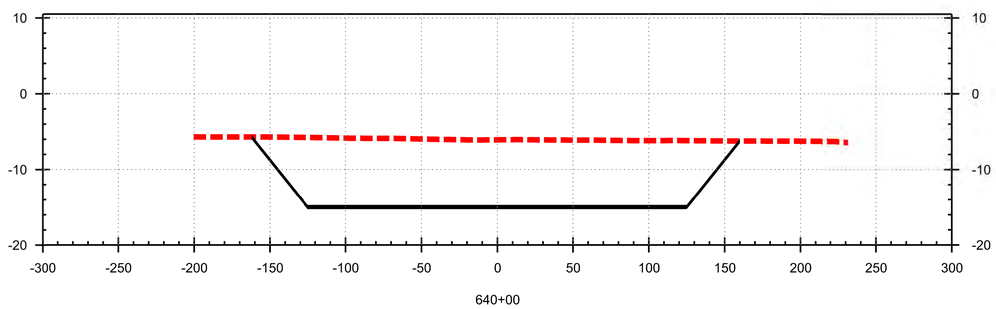
NOTES:

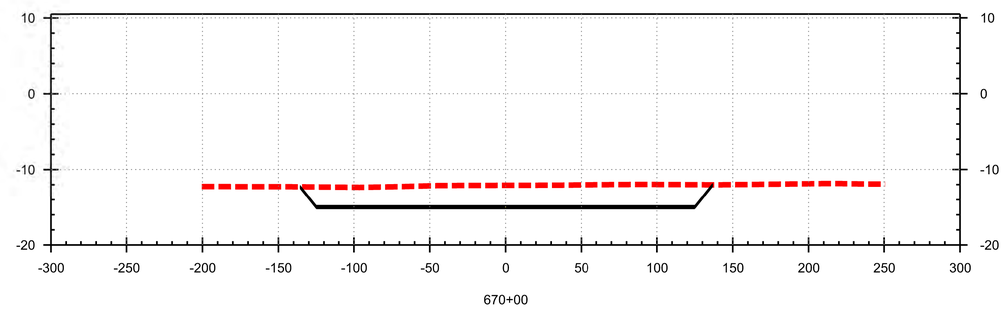
1. ALL ELEVATIONS DEPICTED ARE IN MLLW DATUM.
2. CROSS SECTIONS ARE REPRESENTATIVE OF SURVEY CONDITIONS THAT EXISTED IN APRIL 2024.
3. STATION NUMBERS REFLECT CENTERLINE STATIONING.
4. FROM C/L STA. 603+00 TO C/L STA. 613+00 CHANNEL TRANSITIONS FROM 150' WIDE TO 250' WIDE.
5. SIDE SLOPES ARE 1V ON 4H

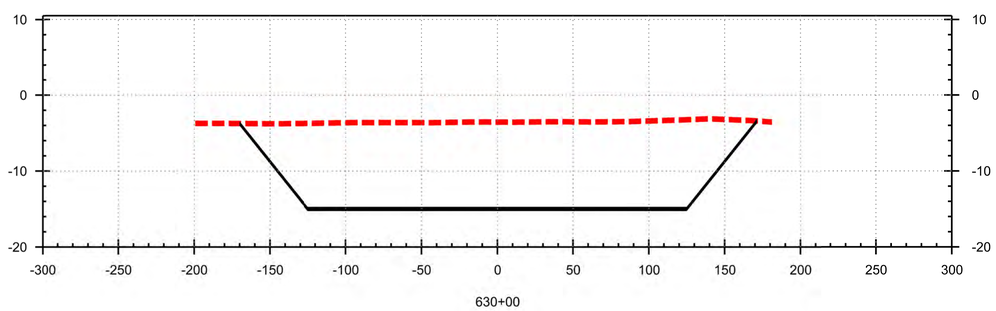


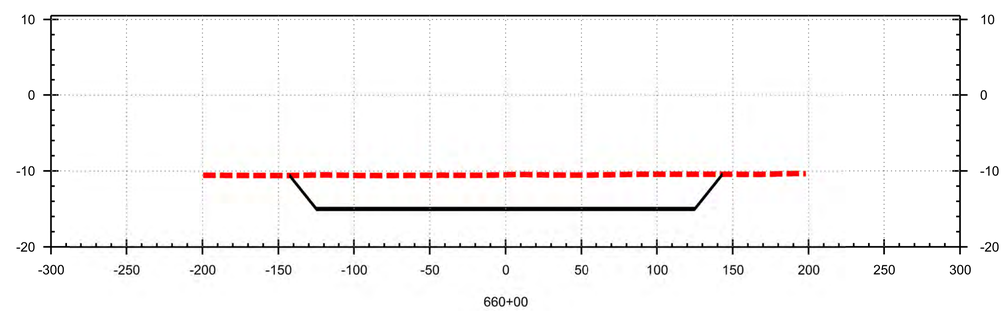












US Army Corps of Engineers®
NEW ORLEANS DISTRICT

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
NEW ORLEANS, LOUISIANA

DESIGNED BY: MATTHEW BARGER, P.E.
DATE: SEPTEMBER 2024
DWN BY: MPB
CKD BY: S CLEMENT
SOLICITATION NO.: W912P6250002
SUBMITTED BY: JASON A. BINET, P.E.
CONTRACT NO.:
PLOT SCALE: 600:1
PLOT DATE: 09/30/2024
FILE NUMBER: M-116-49/31
SIZE: ANSI D
FILE NAME: R6170_C-10

ED 24-011

MISSISSIPPI RIVER OUTLETS
VICINITY OF VENICE, LOUISIANA
MISSISSIPPI RIVER, LOUISIANA
MAINTENANCE DREDGING

CROSS SECTIONS - C/L STAS. 630+00 TO 680+00

PLAQUEMINES PARISH, LA

SHEET IDENTIFICATION
C-10

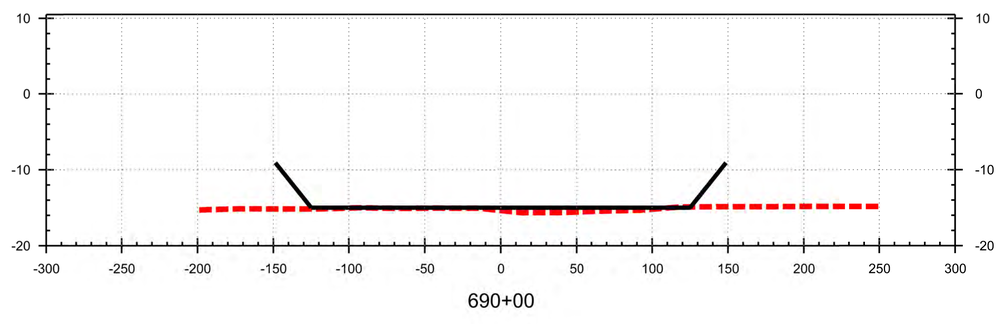
TYPICAL SECTIONS - C/L STATION 690+00

NOTES:

1. ALL ELEVATIONS DEPICTED ARE IN MLLW DATUM.
2. CROSS SECTIONS ARE REPRESENTATIVE OF SURVEY CONDITIONS THAT EXISTED IN APRIL 2024.
3. STATION NUMBERS REFLECT CENTERLINE STATIONING.
4. FROM C/L STA. 603+00 TO C/L STA. 613+00 CHANNEL TRANSITIONS FROM 150' WIDE TO 250' WIDE.
5. SIDE SLOPES ARE 1V ON 4H

0 10' 20' VERTICAL SCALE

0 50' 100' HORIZONTAL SCALE



US Army Corps of Engineers®
NEW ORLEANS DISTRICT

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MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
NEW ORLEANS, LOUISIANA

DESIGNED BY: MATTHEW BARBIER, P.E.
DWN BY: M.P.B.
CKD BY: S. CLEMENT
SUBMITTED BY: JASON A. BRET, P.E.
DATE: SEPTEMBER 2024
SOLICITATION NO.: W912P620C0002
CONTRACT NO.:
PLOT SCALE: AS NOT 1
PLOT DATE: 09/30/2024
SIZE: ANSI D
FILE NAME: 48731_C11
FILE NUMBER: HH-H-48731

ED 24-011

MISSISSIPPI RIVER OUTLETS
VICINITY OF NEW ORLEANS, LOUISIANA
TIGER PASS BAR CHANNEL
MAINTENANCE DREDGING

CROSS SECTIONS - C/L STA. 690+00

PLAQUEMINES PARISH, LA

SHEET IDENTIFICATION
C-11