



DEPARTMENT OF THE ARMY  
U.S. ARMY CORPS OF ENGINEERS, NEW ORLEANS DISTRICT  
7400 LEAKE AVENUE  
NEW ORLEANS LA 70118-3651

**November 14, 2022**

Regulatory Division  
Western Evaluation Branch

Project Manager:  
Amy Oestringer  
(504) 862-2272  
Amy.l.oestringer@usace.army.mil

Application #: MVN-2022-00201 WQQ

## **PUBLIC NOTICE**

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the U.S. Army Corps of Engineers pursuant to: [ **X** ] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [ **X** ] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344), and/or [ **X** ] Section 14 of the Rivers and Harbors Act of 1899 (33 U.S.C. Section 408).

### **SPOT DREDGING IN THE VERMILION RIVER IN LAFAYETTE PARISH**

**NAME OF APPLICANT:** Lafayette Parish Government, Attn: Frederick Trahan, Post Office Box 4017-C, Lafayette, Louisiana, 70502.

**LOCATION OF WORK:** Located within and along the Vermilion River, near Coulee Mine, in Lafayette Parish (latitude 30.192750; Longitude -92.028778°), as shown within the attached drawings. (Hydrologic Unit Code 08080103, within the Vermilion- Teche River Basin)

**CHARACTER OF WORK:** To perform spot dredging of areas within the Vermilion River at the Coulee Mine outfall by bucket dredge, removing approximately 14,156 cubic yards of spoil material and placing it on a hopper barge for transport and disposal. The material will be hauled approximately one mile up river and disposed of at the Jomela disposal site, requiring temporary impacts to 0.03 of an acre of jurisdictional wetlands along the river bank for access from river to the disposal site. The adjacent delineated and avoided jurisdictional wetlands and waters will be protected from runoff of unconsolidated sediments by the construction of a two-foot perimeter berm surrounding, the approximately 8,000 cubic yards of material that is expected to remain at the disposal site after dewatering. The areas impacted by the crossing will be allowed to re-vegetate following completion of disposal activities and removal of board roads. The applicant has not proposed compensatory mitigation for the temporary wetland impacts, due to the minor acreage of impacts proposed.

The comment period on the requested Department of the Army Permit will close **20 days** from the date of this public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit request, and must be submitted so as to be received before or by the last day of the comment period. Letters and/or comments concerning the subject permit application must reference the Applicant's Name and the Permit Application Number and can be preferably emailed to the Corps of Engineer's project manager listed above or forwarded to the Corps of Engineers at the address above, **ATTENTION: REGULATORY DIVISION, RGW, Amy Oestringer.** Individuals or parties may also request an extension of time in which to comment on the proposed work by mail or preferably by emailing the specified project manager listed above. Any request for an extension of time to comment must be specific and substantively supportive of the requested extension and received by this office prior to the end of the initial comment period. The Branch Chief will review the request and the requester will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous and inclusive of the initial comment period and will not exceed a total of 30 calendar days. This public notice is also available for review online at:  
<https://www.mvn.usace.army.mil/Missions/Regulatory/Public-Notices/>

### **Corps of Engineers Permit Criteria**

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

This request will also be reviewed pursuant to Section 408 and USACE Engineering Circular (EC) 1165-2-220, which provides policy and procedural guidance for processing requests to alter USACE civil works projects. The decision whether to grant permission for the requested alteration will be based on several factors. The benefits that reasonably may be expected to accrue from the proposal will be balanced against its reasonably foreseeable detriments. Review of the requests for modification will be reviewed by a USACE technical review team considering the following factors:

- 1) Potential to Impair the Usefulness of the Project. Proposed alterations will be reviewed to determine whether the alteration would limit the ability of the USACE project to function as authorized, or would compromise or change any authorized project

conditions, purposes, or outputs. If USACE determines that the usefulness of the authorized project would be impaired, the request will be denied.

2) Potential to be Injurious to the Public Interest. Proposed alterations will be reviewed to determine the probable impacts, including cumulative impacts, on the public interest. Factors that may be relevant to the public interest depend upon the type of USACE project being altered and may include, but are not limited to, such things as conservation, economic development, historic properties, cultural resources, environmental impacts, water supply, water quality, flood hazards, floodplains, residual risk, induced damages, navigation, shore erosion or accretion, and recreation. This evaluation will consider information received from the interested parties, including tribes, agencies, and the public. The decision whether to approve an alteration will be determined by the consideration of whether benefits are commensurate with risks. If the potential detriments are found to outweigh the potential benefits, then it may be determined that the proposed alteration is injurious to the public interest.

The Section 408 review will consider the potential impact to the usefulness of the Federal project and whether the proposed alteration would be injurious to the public interest. Policy and legal compliance will also be considered.

The U.S. Army Corps of Engineers is soliciting comments from the public, federal, state, and local agencies and officials, Indian Tribes, and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to make, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

The New Orleans District is presently unaware of properties listed on the National Register of Historic Places at or near the proposed work but is pending further review in accordance with the National Historic Preservation Act. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. As deemed necessary, copies of this public notice will be sent to the State Archeologist, State Historic Preservation Officer, and federally listed tribes regarding potential impacts to cultural resources.

Our initial finding is that the proposed work would neither affect any species listed as endangered by the U.S. Departments of Interior or Commerce, nor affect any habitat designated as critical to the survival and recovery of any endangered species. Based on the Information Planning and Consultation (IPaC) tool for Endangered Species in Louisiana, as signed on January 27, 2020, between the U.S. Army Corps of Engineers, New Orleans and the U.S. Fish and Wildlife Service, it has been determined that the project would have no effect to any listed species.

Our initial finding is that the proposed work would have no effect on any species listed as endangered by the U.S. Department of Commerce, nor affect any habitat designated as critical to the survival and recovery of any such species.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal may result in the destruction, alteration, and/or disturbance of **0 acres** of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

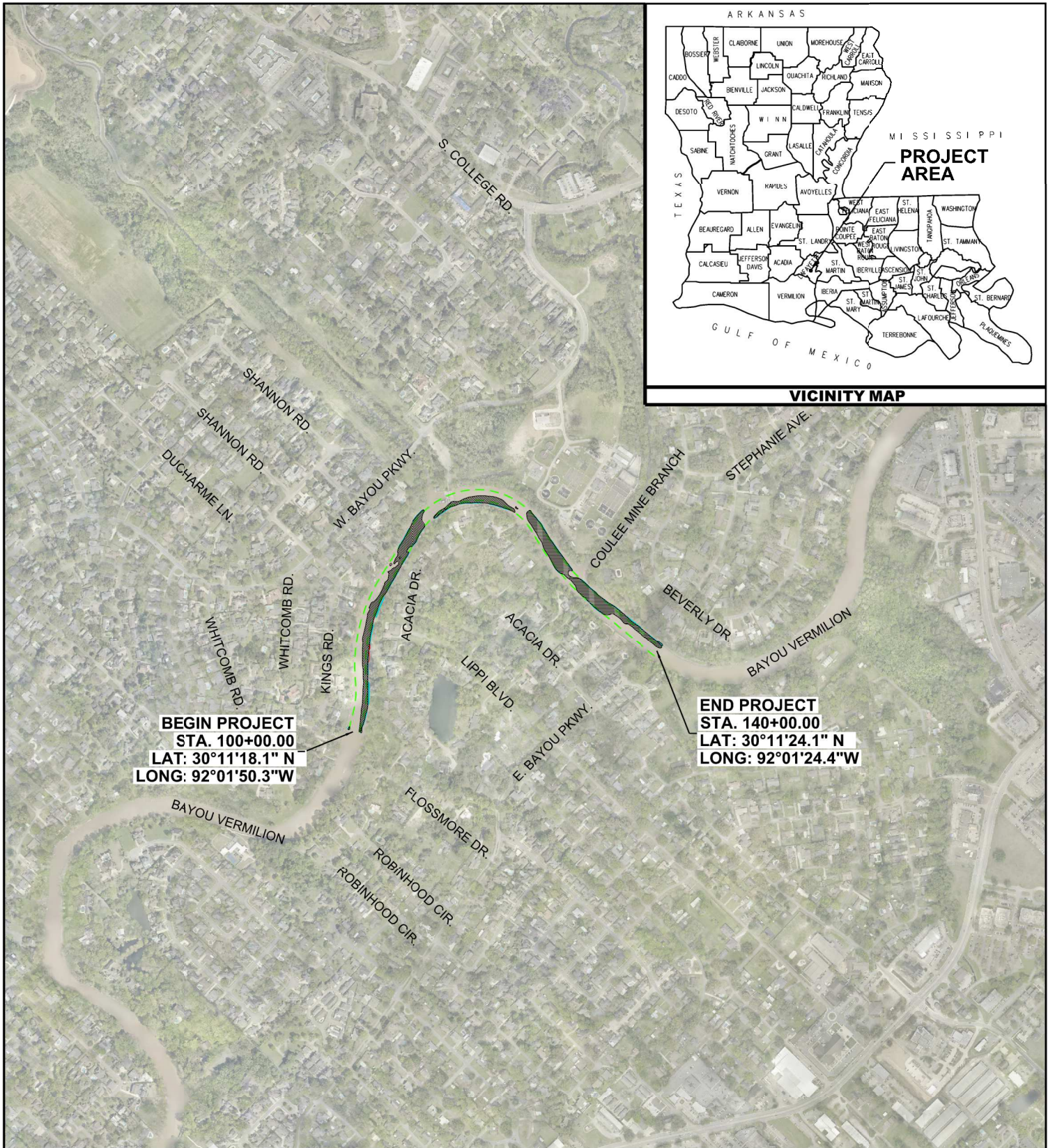
If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. *Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the Louisiana Department of Environmental Quality before a Department of the Army permit could be issued.*

Any person may request within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state with particularity, the reasons for holding a public hearing, and can be preferably emailed to the USACE project manager listed above or mailed to the address listed above.

You are invited to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

Darrell S. Barbara  
Chief, Western Evaluation Branch  
Regulatory Division

Enclosures



**BEGIN PROJECT**  
**STA. 100+00.00**  
**LAT: 30°11'18.1" N**  
**LONG: 92°01'50.3" W**

**END PROJECT**  
**STA. 140+00.00**  
**LAT: 30°11'24.1" N**  
**LONG: 92°01'24.4" W**

NOTE: THESE PLANS ARE INTENDED EXCLUSIVELY FOR THE PURPOSE OF OBTAINING ENVIRONMENTAL COMPLIANCE PERMITS AND ARE NOT TO BE USED FOR CONSTRUCTION BIDDING, RECORDATION, COVEYANCE SALES OR ENGINEERING DESIGN

**PRELIMINARY**  
**FOR PERMIT**  
**ONLY**

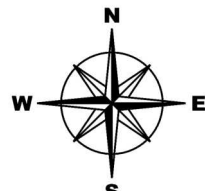
ENGINEER: DAX A. DOUET  
 LICENSE NUMBER: 30170



C.H. FENSTERMAKER & ASSOCIATES, L.L.C.  
 135 REGENCY SQUARE, LAFAYETTE, LA 70508  
 PHONE: (337) 237-2200 FAX: (337) 232-3299

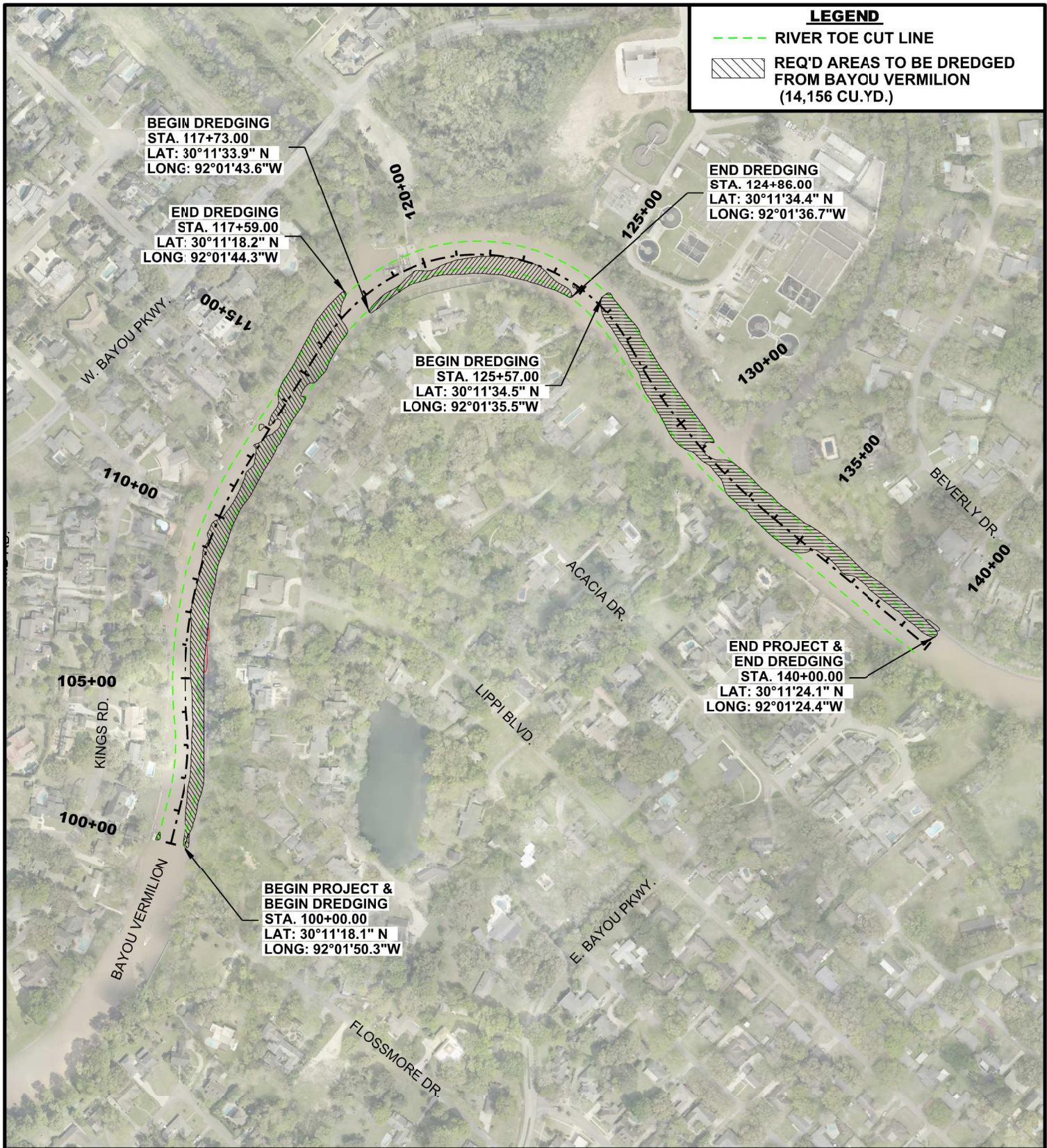


JOB NO. 2213404.00C  
**SHEET 1 OF 32**



**BAYOU VERMILION**  
**SPOT DREDGING AT**  
**COULEE MINE**  
**Figure 1**  
**Vicinity Map**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
**AUGUST 4, 2022**

REVISION:



**LEGEND**

- RIVER TOE CUT LINE
- [Hatched Box] REQ'D AREAS TO BE DREDGED FROM BAYOU VERMILION (14,156 CU.YD.)

**BEGIN DREDGING**  
 STA. 117+73.00  
 LAT: 30°11'33.9" N  
 LONG: 92°01'43.6"W

**END DREDGING**  
 STA. 117+59.00  
 LAT: 30°11'18.2" N  
 LONG: 92°01'44.3"W

**END DREDGING**  
 STA. 124+86.00  
 LAT: 30°11'34.4" N  
 LONG: 92°01'36.7"W

**BEGIN DREDGING**  
 STA. 125+57.00  
 LAT: 30°11'34.5" N  
 LONG: 92°01'35.5"W

**END PROJECT & END DREDGING**  
 STA. 140+00.00  
 LAT: 30°11'24.1" N  
 LONG: 92°01'24.4"W

**BEGIN PROJECT & BEGIN DREDGING**  
 STA. 100+00.00  
 LAT: 30°11'18.1" N  
 LONG: 92°01'50.3"W

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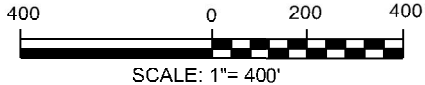
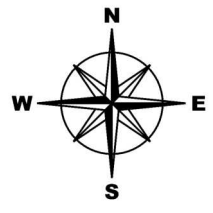
**PRELIMINARY**  
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JOB NO. 2213404.00C  
**SHEET 2 OF 32**

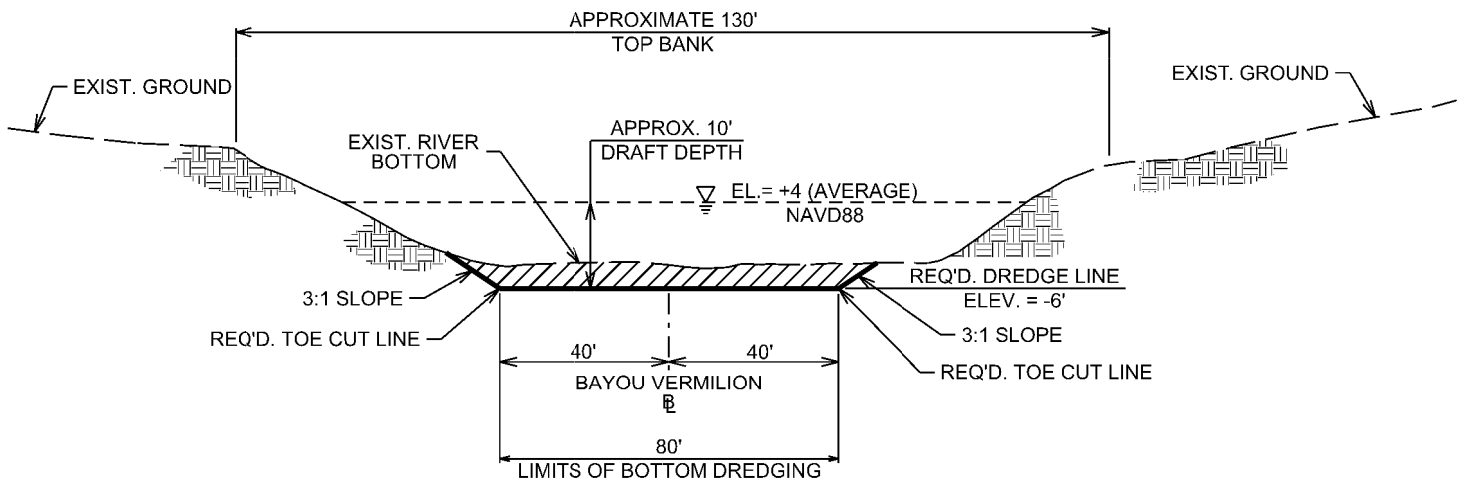


**BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE**

**Figure 2  
 Plan View**

SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
**AUGUST 4, 2022**

REVISION:



**TYPICAL BAYOU VERMILION SECTION**  
SCALE: N.T.S.

**LEGEND**

 REQ'D AREA TO BE DREDGED

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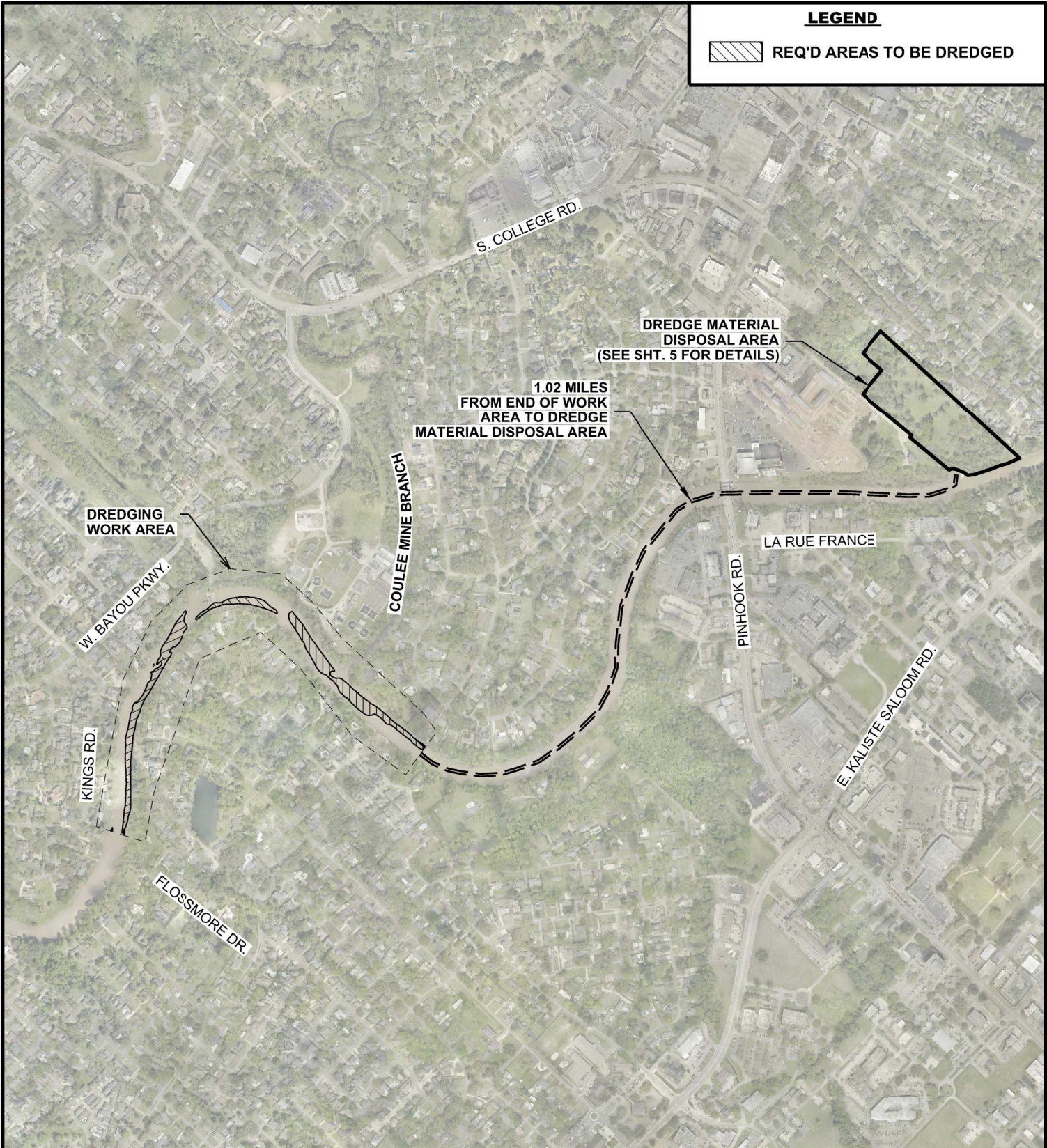


BAYOU VERMILION  
SPOT DREDGING AT  
COULEE MINE  
**Figure 3**  
**Typical Section**  
SECTION 51, T10S - R4E  
LAFAYETTE PARISH, LOUISIANA  
AUGUST 4, 2022

REVISION:

**LEGEND**

 REQ'D AREAS TO BE DREDGED



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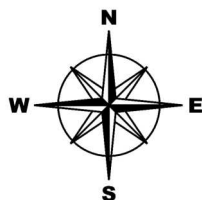


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JOB NO. 2213404.00C

**SHEET 4 OF 32**



SCALE: 1"= 1,000'

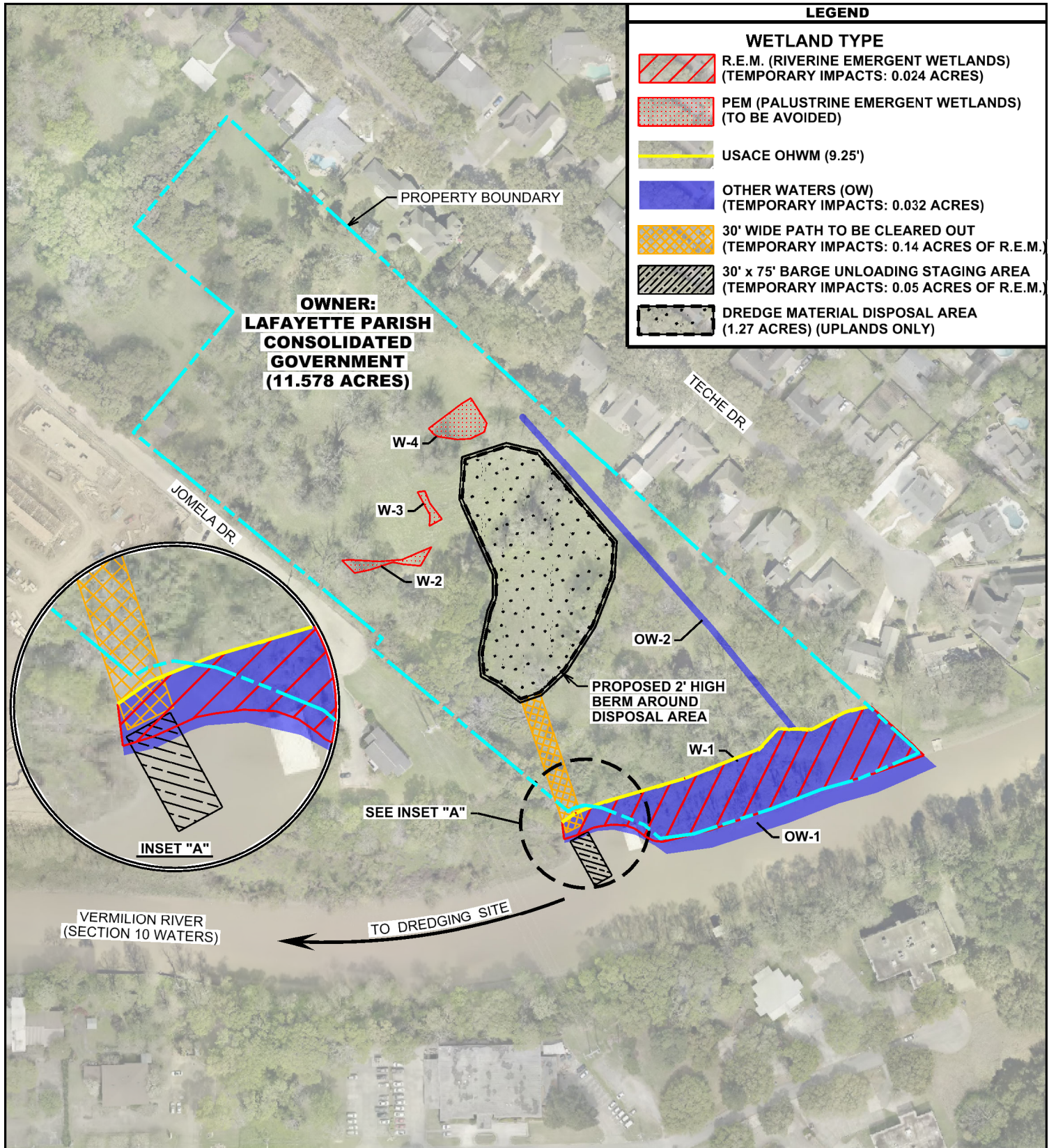
**BAYOU VERMILION  
SPOT DREDGING AT  
COULEE MINE**

**Figure 4  
Plan View**

SECTION 51, T10S - R4E  
LAFAYETTE PARISH, LOUISIANA  
**AUGUST 4, 2022**

REVISION:





LEGEND	
WETLAND TYPE	
	R.E.M. (RIVERINE EMERGENT WETLANDS) (TEMPORARY IMPACTS: 0.024 ACRES)
	PEM (PALUSTRINE EMERGENT WETLANDS) (TO BE AVOIDED)
	USACE OHWM (9.25')
	OTHER WATERS (OW) (TEMPORARY IMPACTS: 0.032 ACRES)
	30' WIDE PATH TO BE CLEARED OUT (TEMPORARY IMPACTS: 0.14 ACRES OF R.E.M.)
	30' x 75' BARGE UNLOADING STAGING AREA (TEMPORARY IMPACTS: 0.05 ACRES OF R.E.M.)
	DREDGE MATERIAL DISPOSAL AREA (1.27 ACRES) (UPLANDS ONLY)

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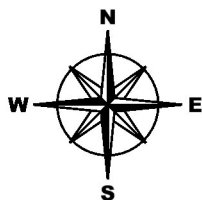
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JOB NO. 2213404.00C  
**SHEET 5 OF 32**



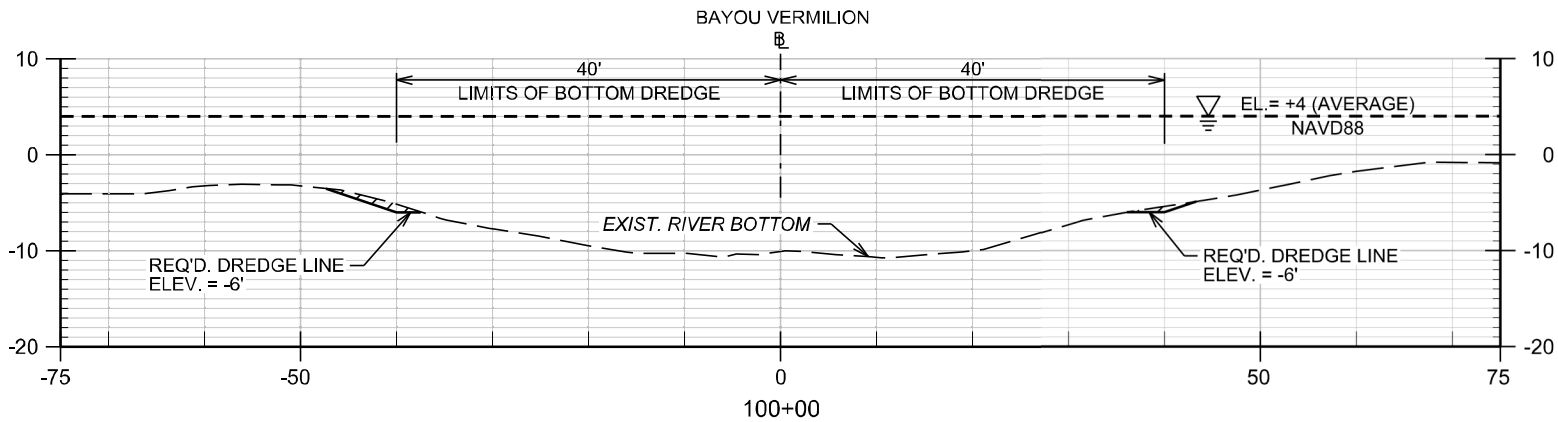
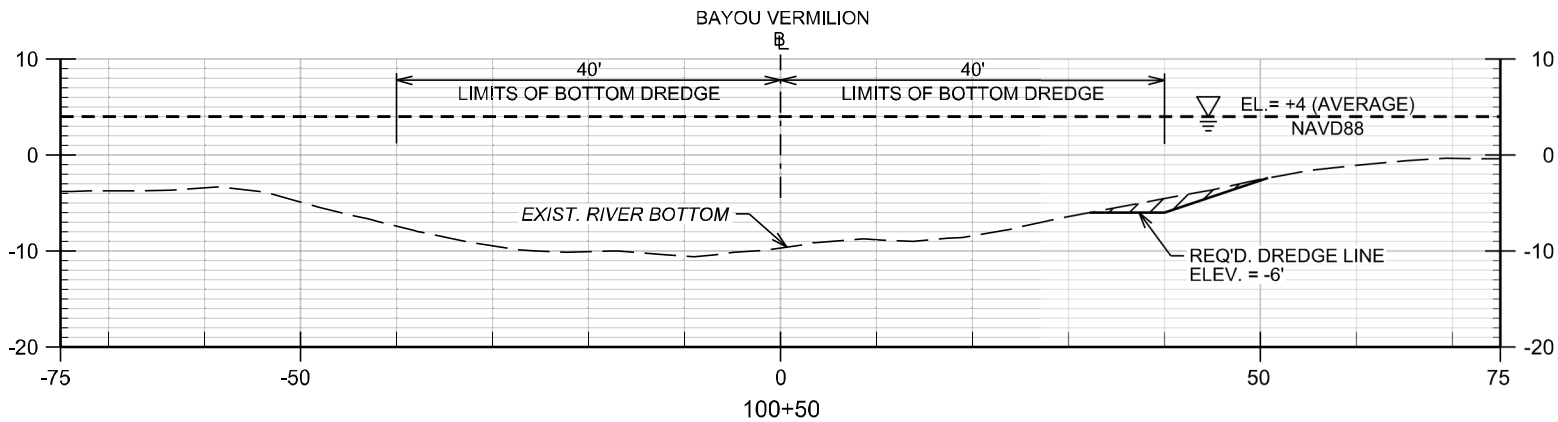
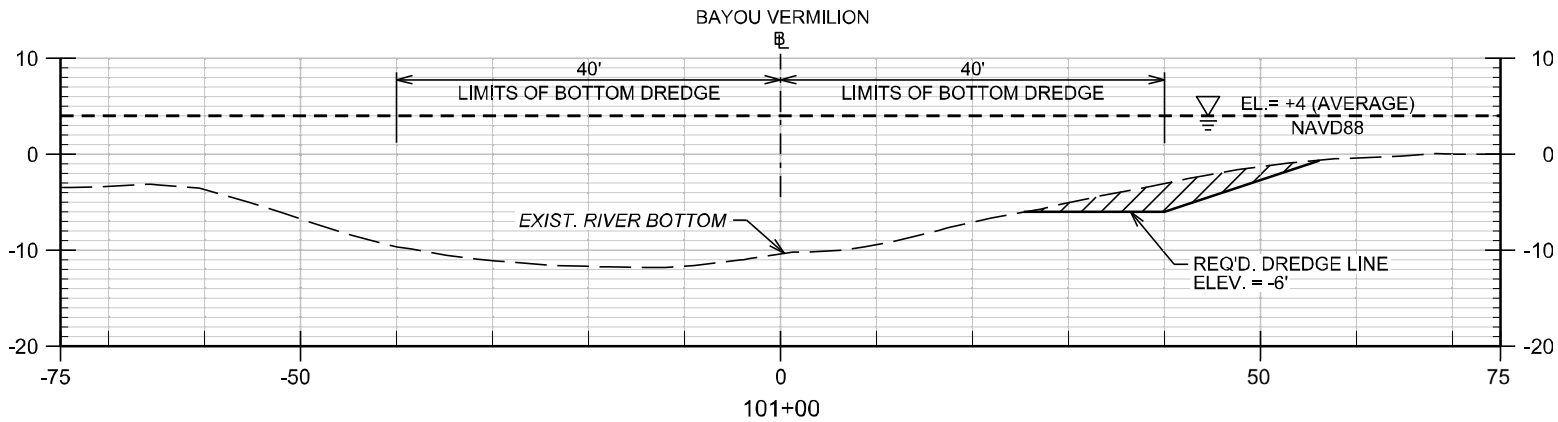
BAYOU VERMILION  
SPOT DREDGING AT  
COULEE MINE

**Figure 5**  
**Plan View**

SECTION 51, T10S - R4E  
LAFAYETTE PARISH, LOUISIANA  
**AUGUST 4, 2022**

REVISION:

**OCTOBER 14, 2022**



**LEGEND**  
 REQ'D. AREA TO BE DREDGED

SCALE:  
 H : 1" = 20'  
 V : 1" = 20'

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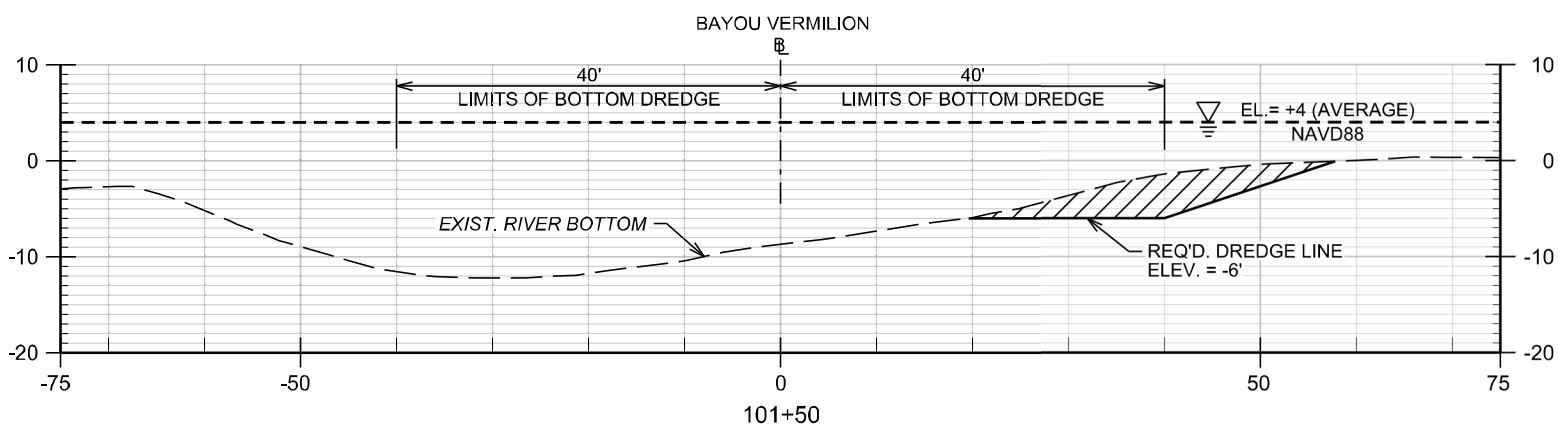
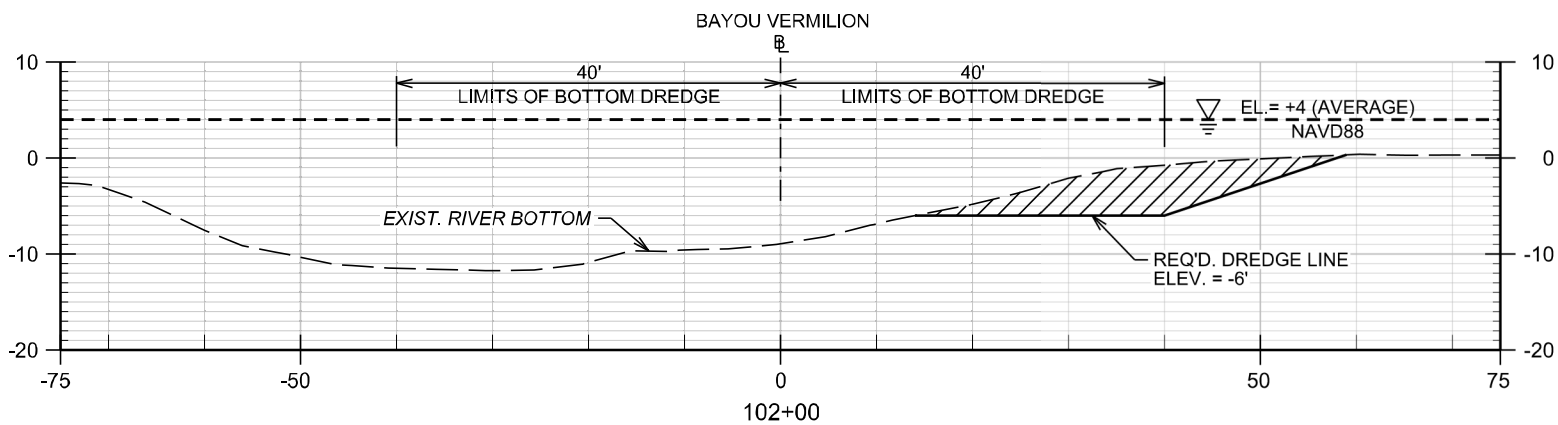
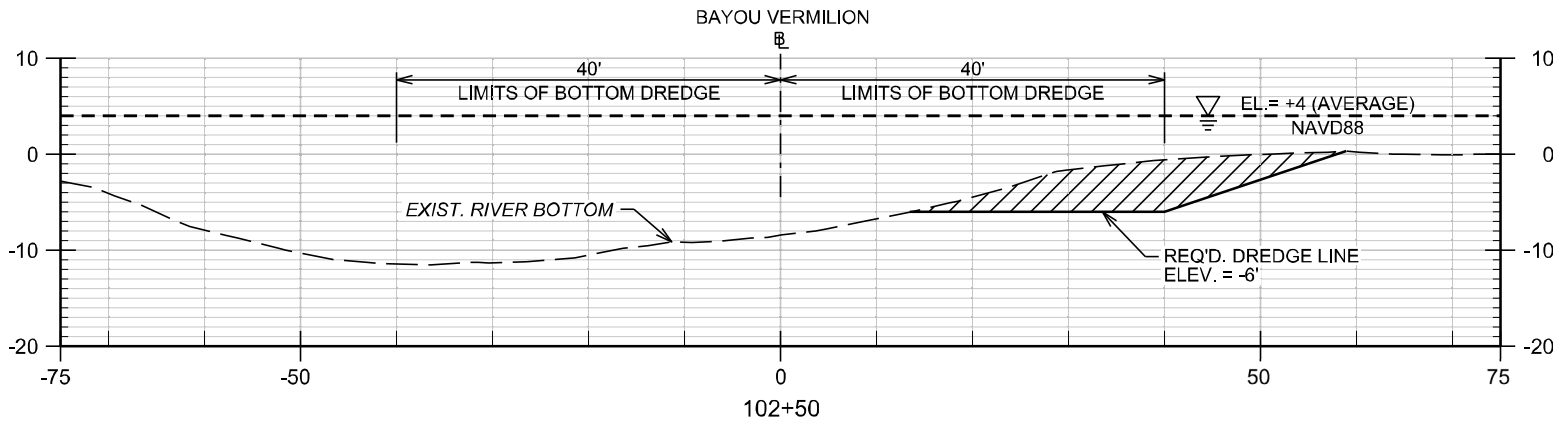
ENGINEER: DAX A. DOUET  
 LICENSE NUMBER: 30170

BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE  
**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



REVISION:

JOB NO. 2213404.00C  
**SHEET 6 OF 32**



**LEGEND**  
 REQ'D. AREA TO BE DREDGED

SCALE:  
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 V : 1" = 20'

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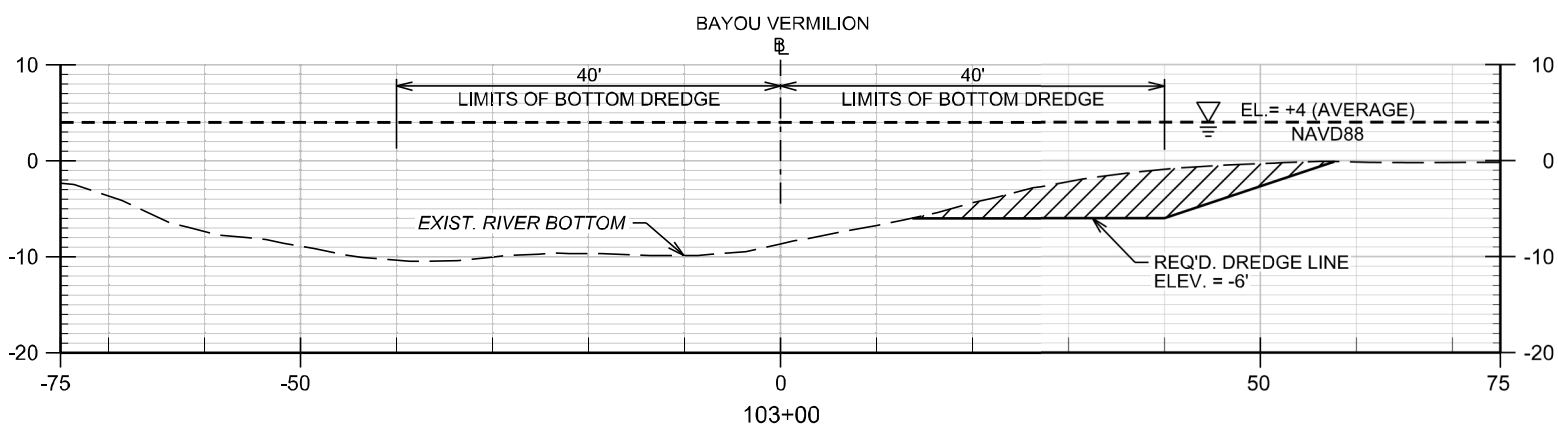
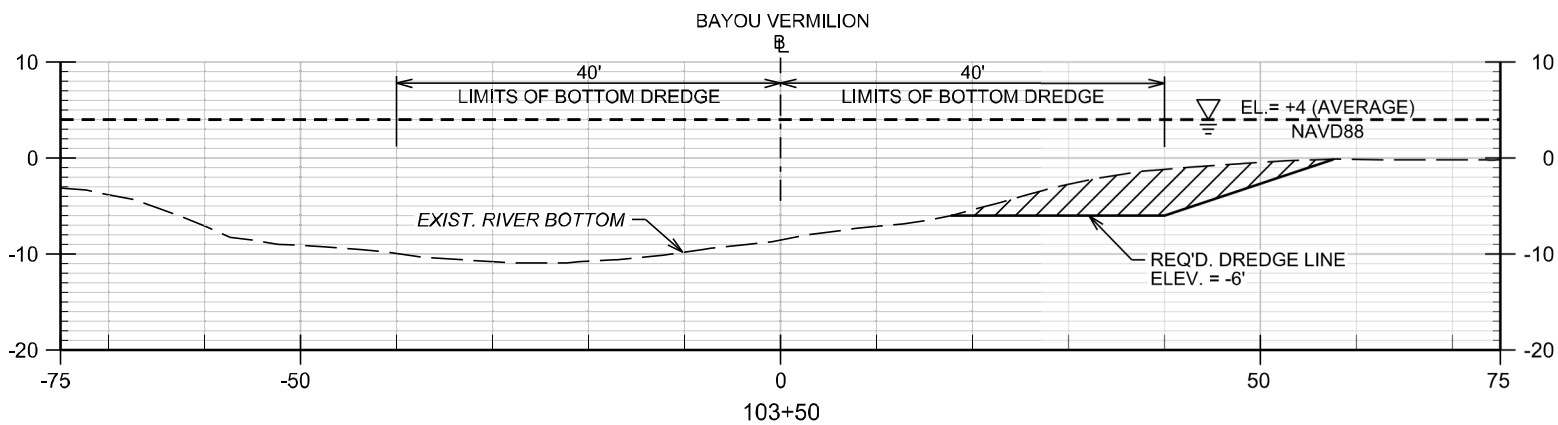
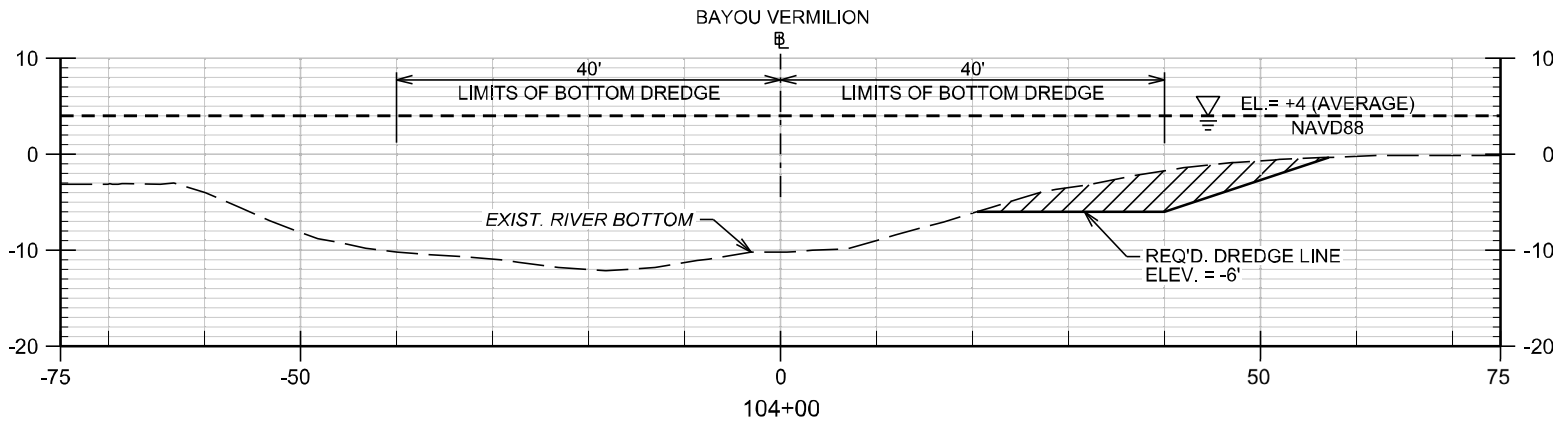
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BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE  
**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



REVISION:

JOB NO. 2213404.00C  
**SHEET 7 OF 32**



**LEGEND**  
 REQ'D. AREA TO BE DREDGED

SCALE:  
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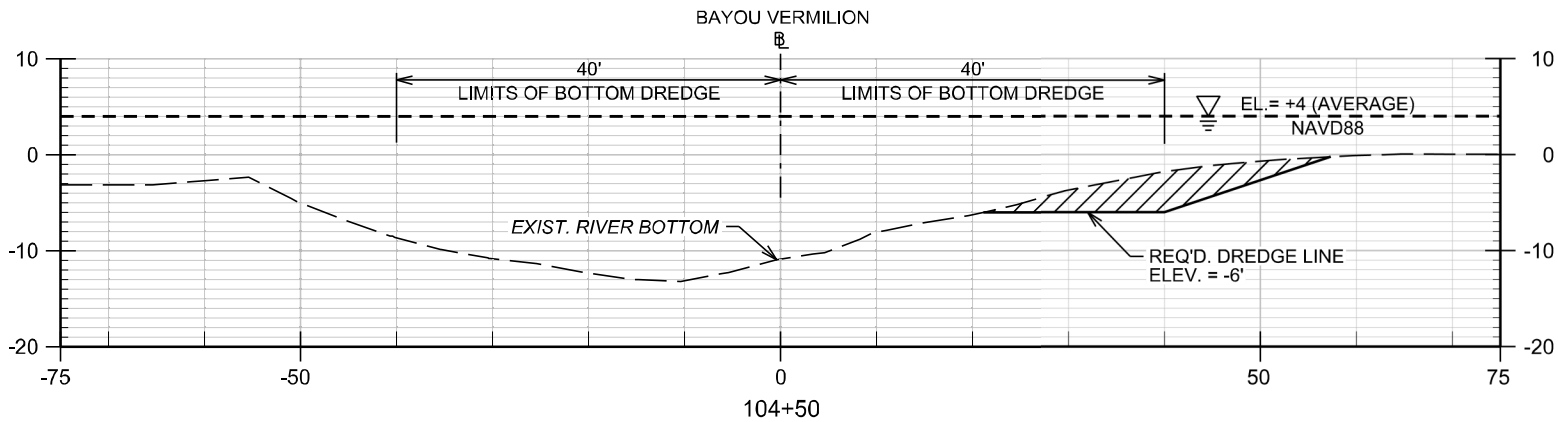
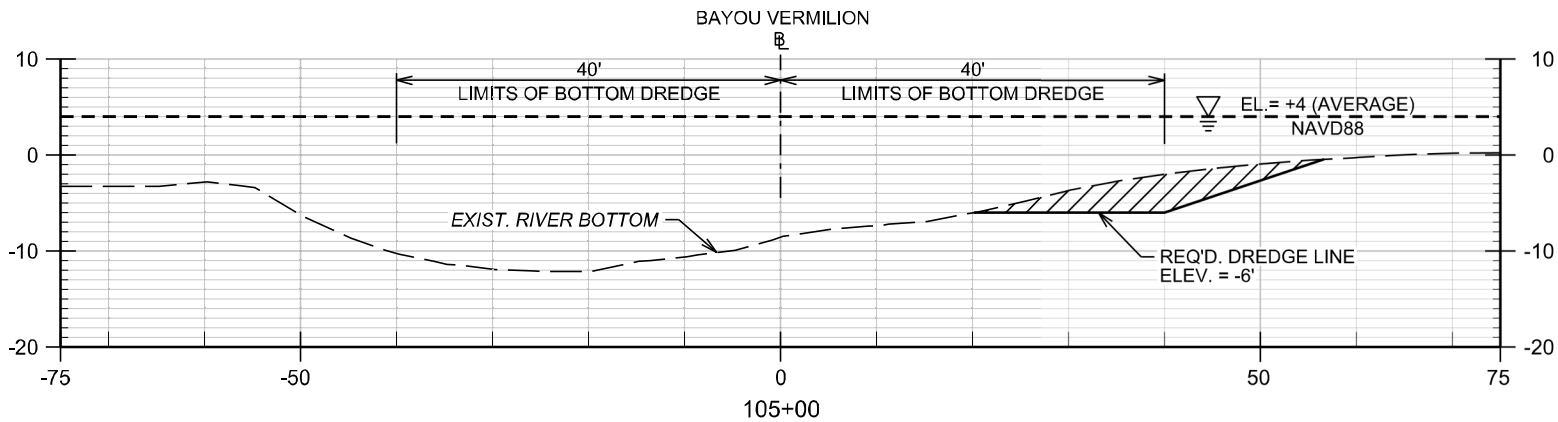
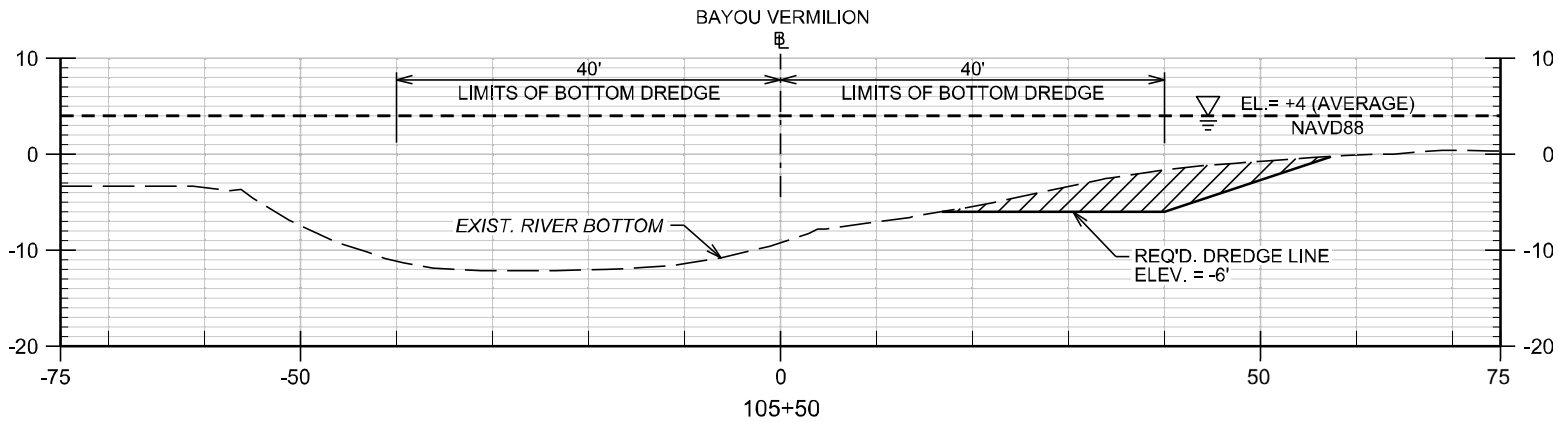
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BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE  
**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



REVISION:

JOB NO. 2213404.00C  
**SHEET 8 OF 32**



**LEGEND**  
 REQ'D. AREA TO BE DREDGED

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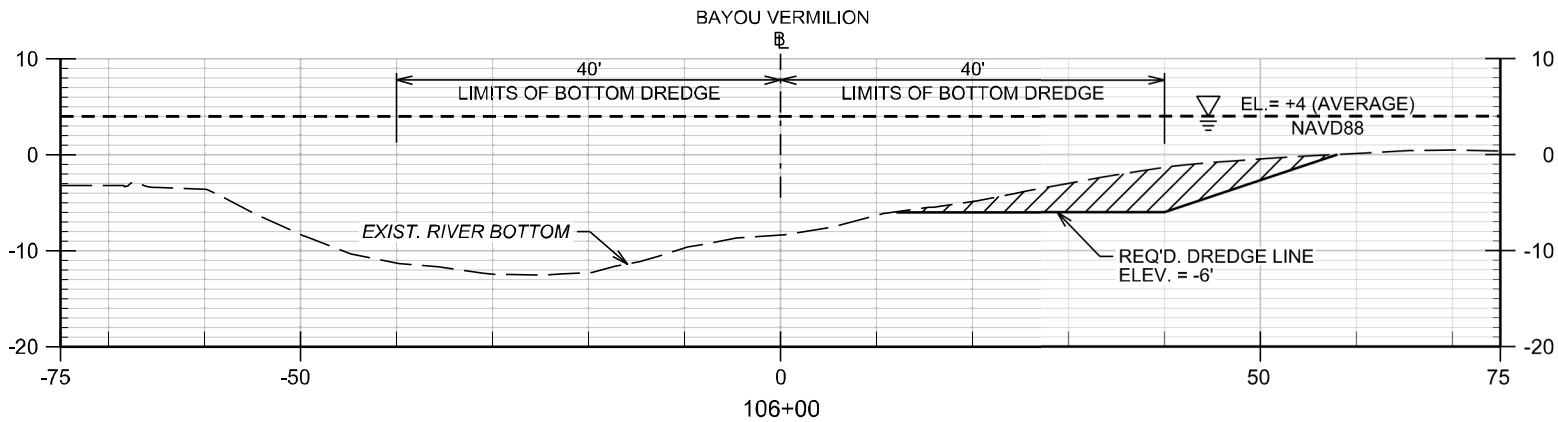
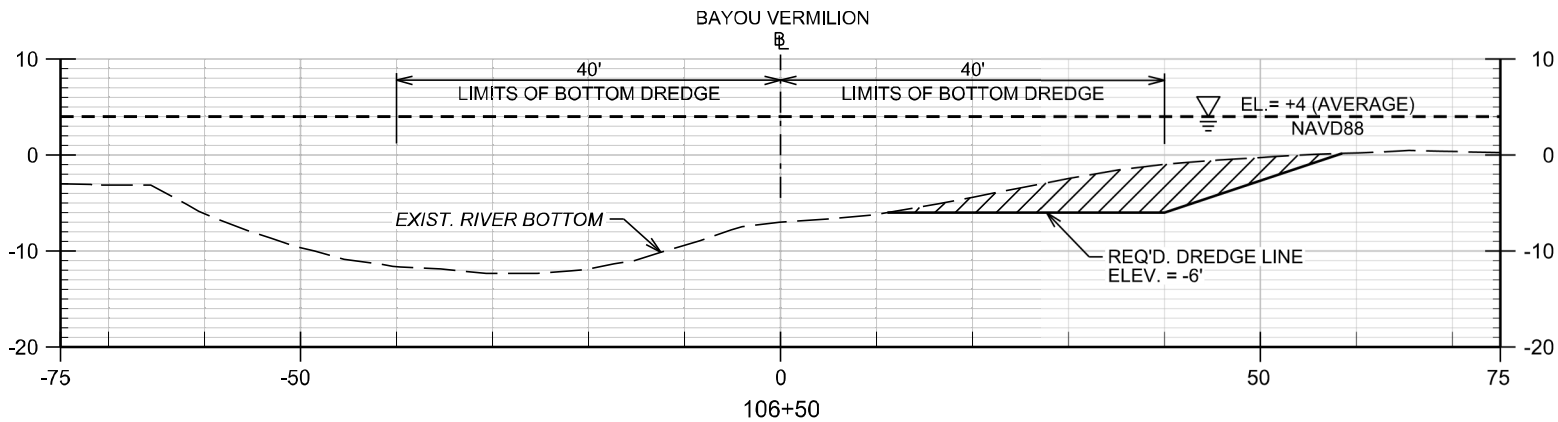
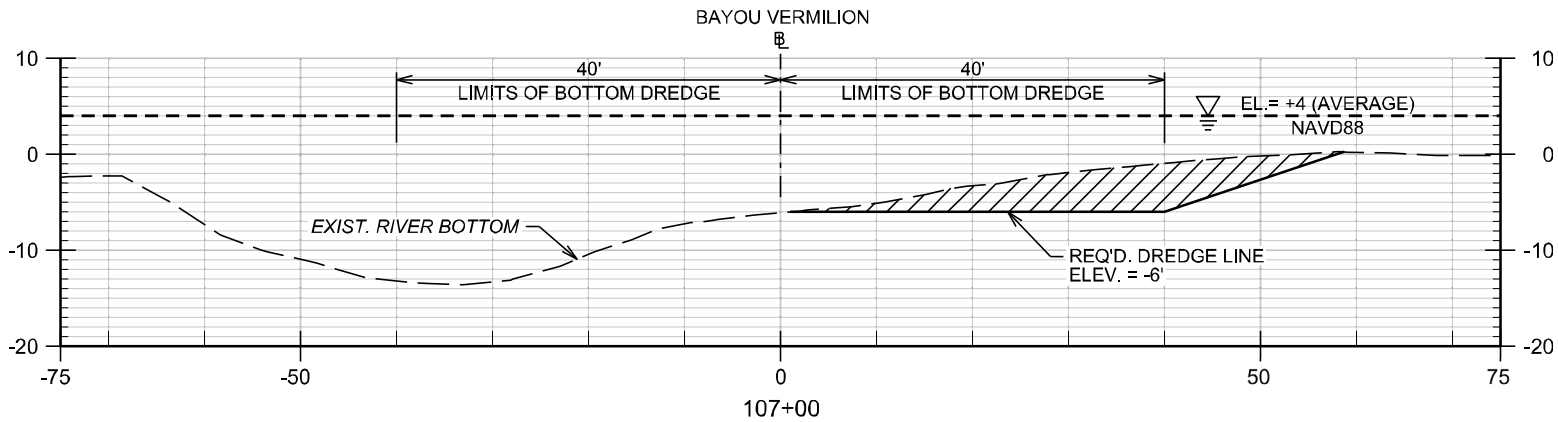
BAYOU VERMILION  
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 COULEE MINE  
**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
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REVISION:

JOB NO. 2213404.00C  
**SHEET 9 OF 32**



**LEGEND**  
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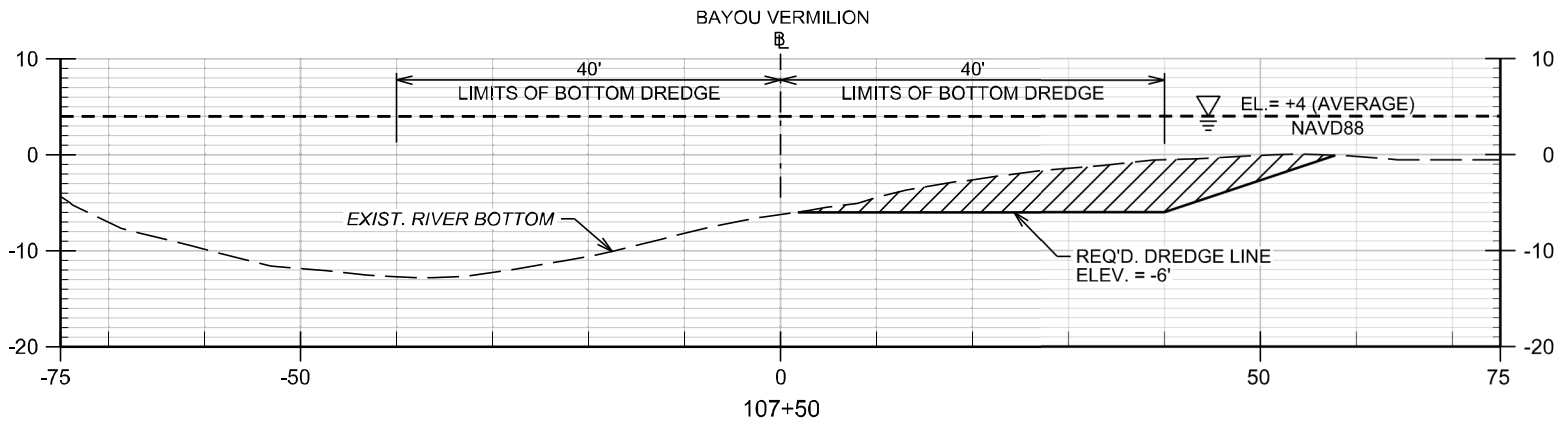
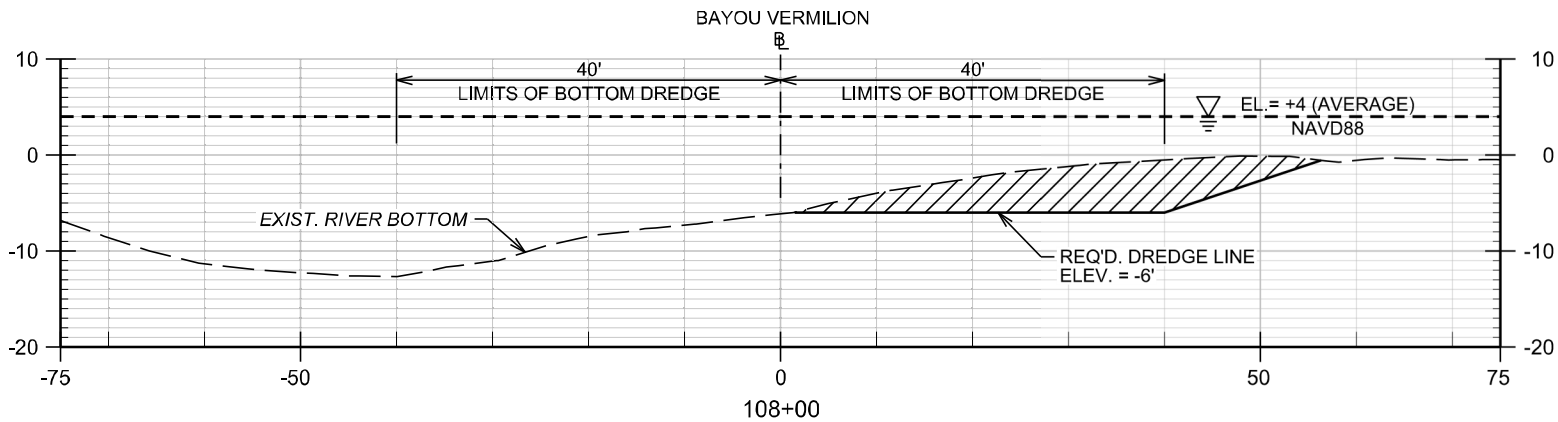
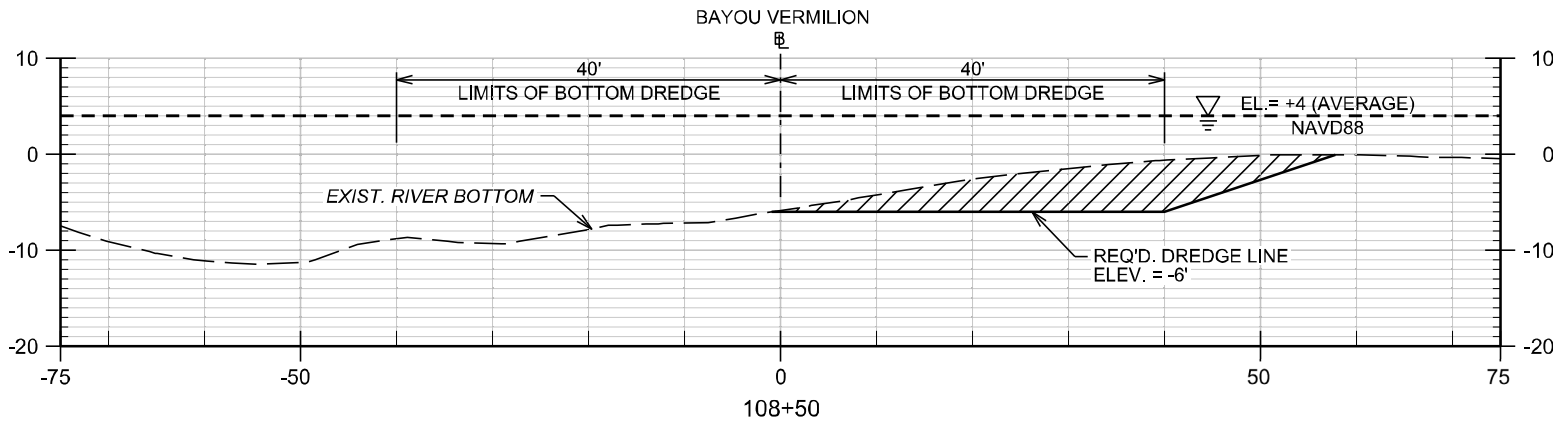
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BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE  
**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



REVISION:

JOB NO. 2213404.00C  
**SHEET 10 OF 32**



**LEGEND**  
 REQ'D. AREA TO BE DREDGED

SCALE:  
 H : 1" = 20'  
 V : 1" = 20'

NOTE: THESE PLANS ARE INTENDED EXCLUSIVELY FOR THE PURPOSE OF OBTAINING ENVIRONMENTAL COMPLIANCE PERMITS AND ARE NOT TO BE USED FOR CONSTRUCTION BIDDING, RECORDATION, COVEYANCE SALES OR ENGINEERING DESIGN

**PRELIMINARY**  
 FOR PERMIT  
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ENGINEER: DAX A. DOUET  
 LICENSE NUMBER: 30170.

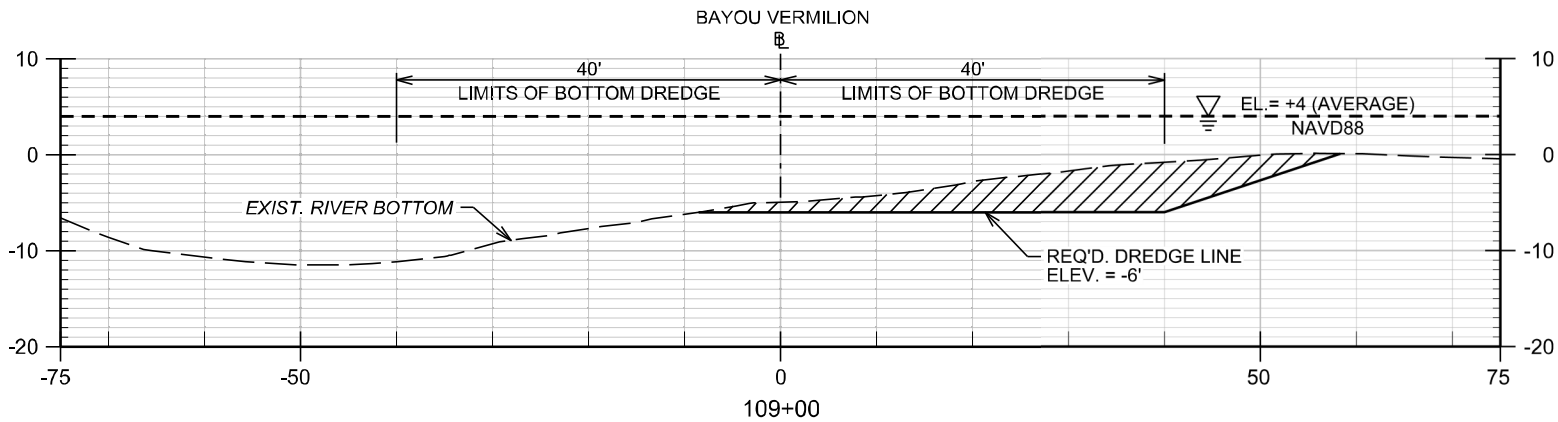
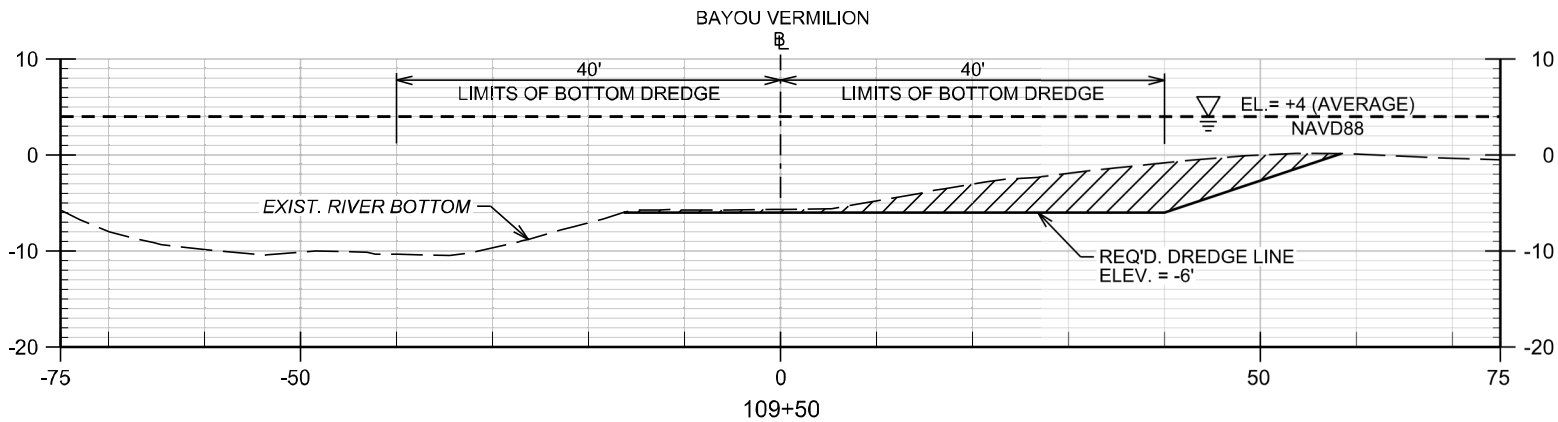
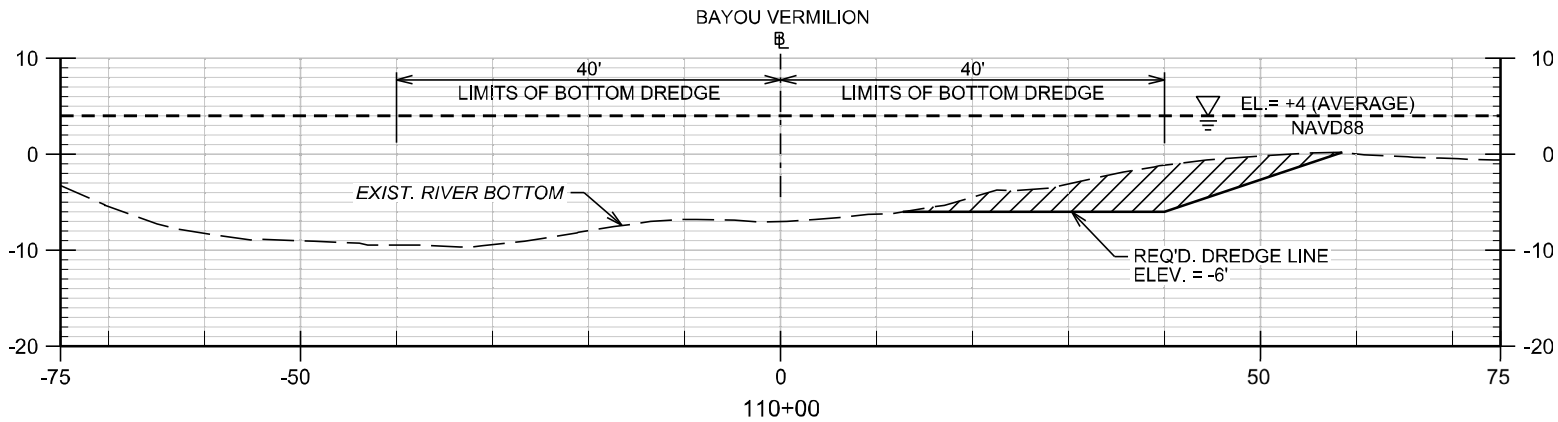
BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE  
**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



C-H FENSTERMAKER & ASSOCIATES, L.L.C.  
 135 REGENCY SQUARE, LAFAYETTE, LA 70508  
 PHONE: (337) 237-2200 FAX: (337) 232-3299

REVISION:

JOB NO. 2213404.00C  
**SHEET 11 OF 32**



**LEGEND**  
 REQ'D. AREA TO BE DREDGED

SCALE:  
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 V : 1" = 20'

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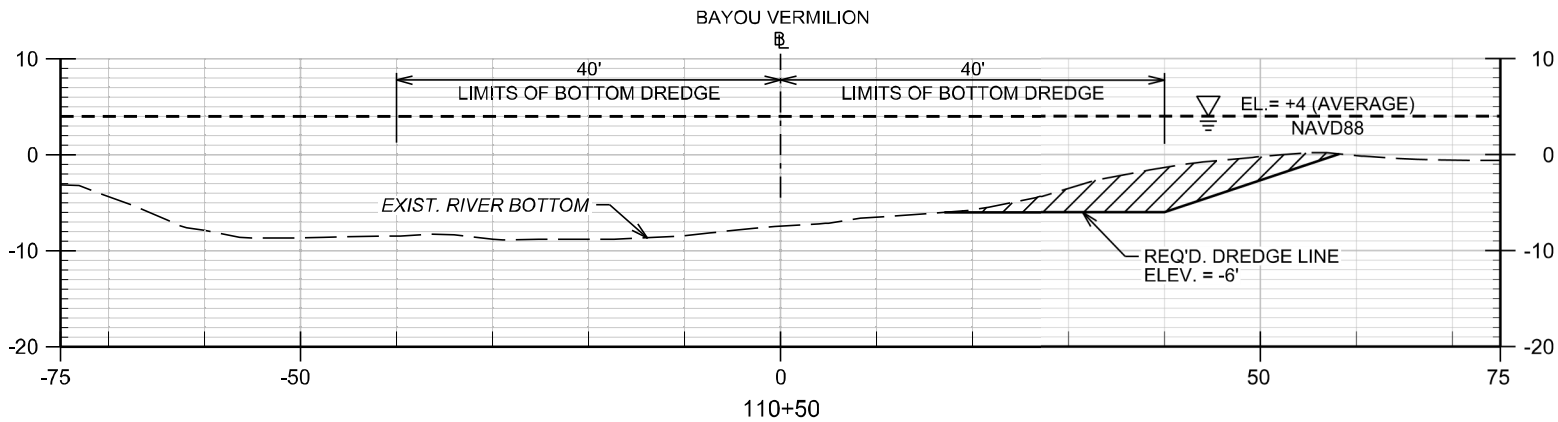
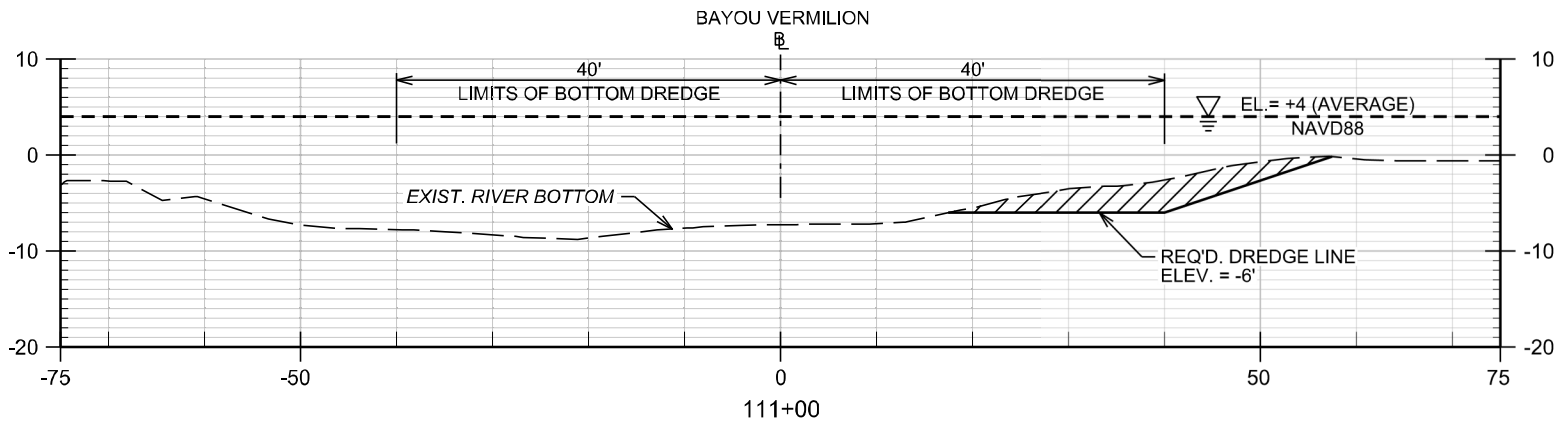
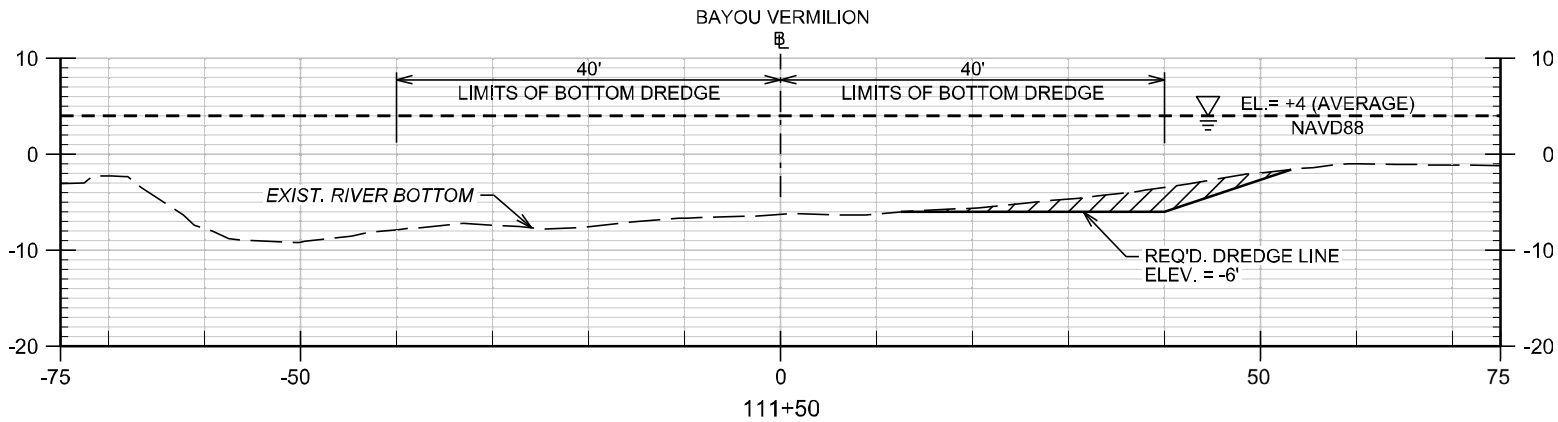
BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE  
**Figure 6**  
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 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



REVISION:

JOB NO. 2213404.00C  
**SHEET 12 OF 32**





**LEGEND**  
 REQ'D. AREA TO BE DREDGED

SCALE:  
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 V : 1" = 20'

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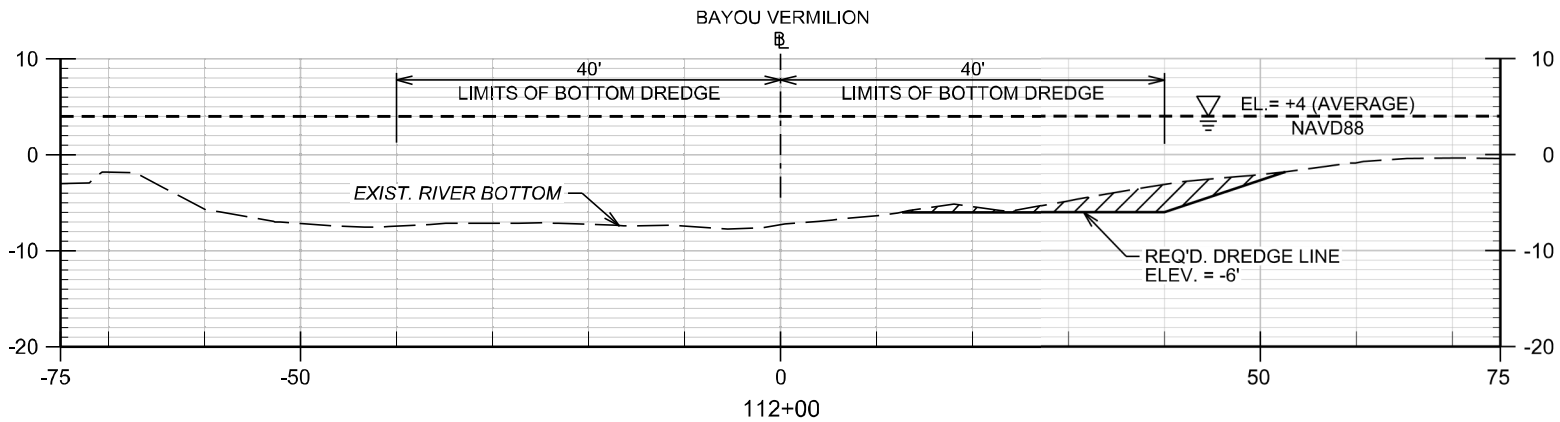
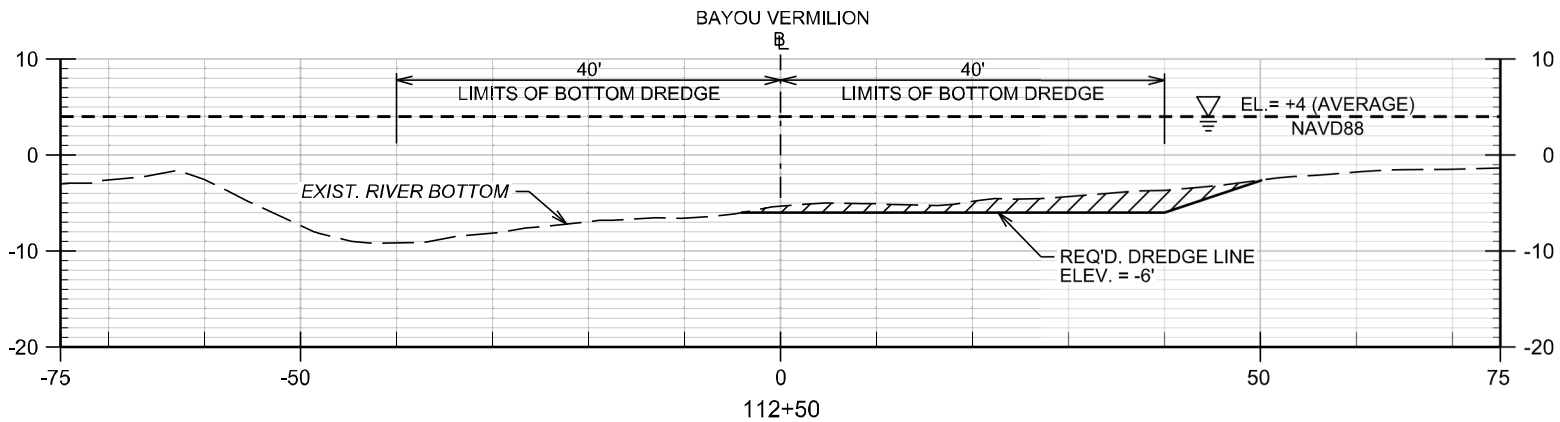
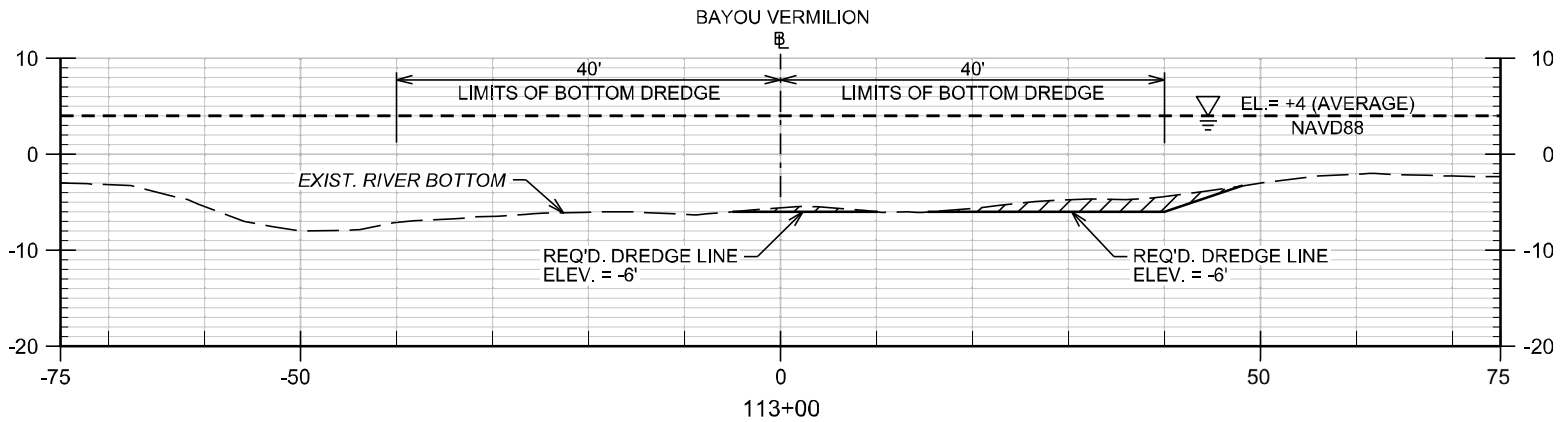
BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE  
**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



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JOB NO. 2213404.00C  
**SHEET 13 OF 32**



**LEGEND**  
 REQ'D. AREA TO BE DREDGED

SCALE:  
 H : 1" = 20'  
 V : 1" = 20'

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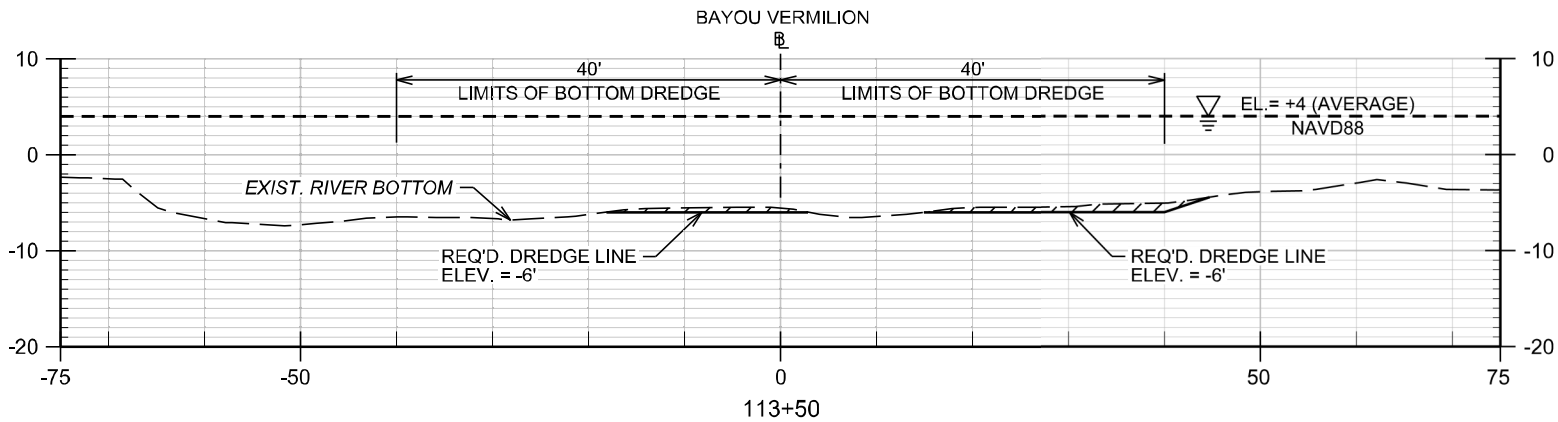
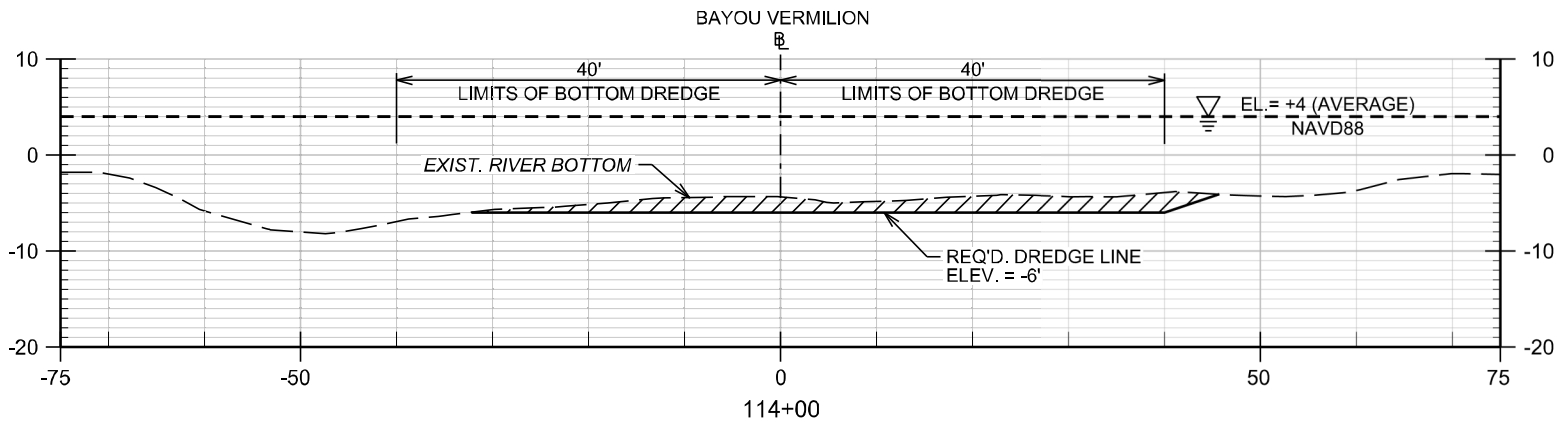
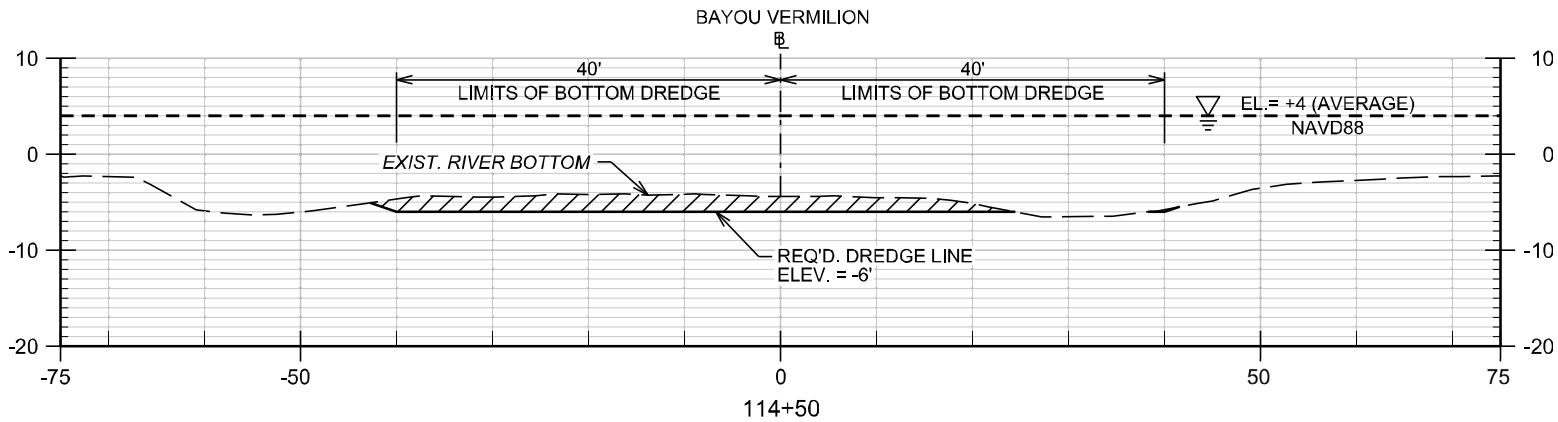
BAYOU VERMILION  
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**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



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**SHEET 14 OF 32**



**LEGEND**  
 REQ'D. AREA TO BE DREDGED

SCALE:  
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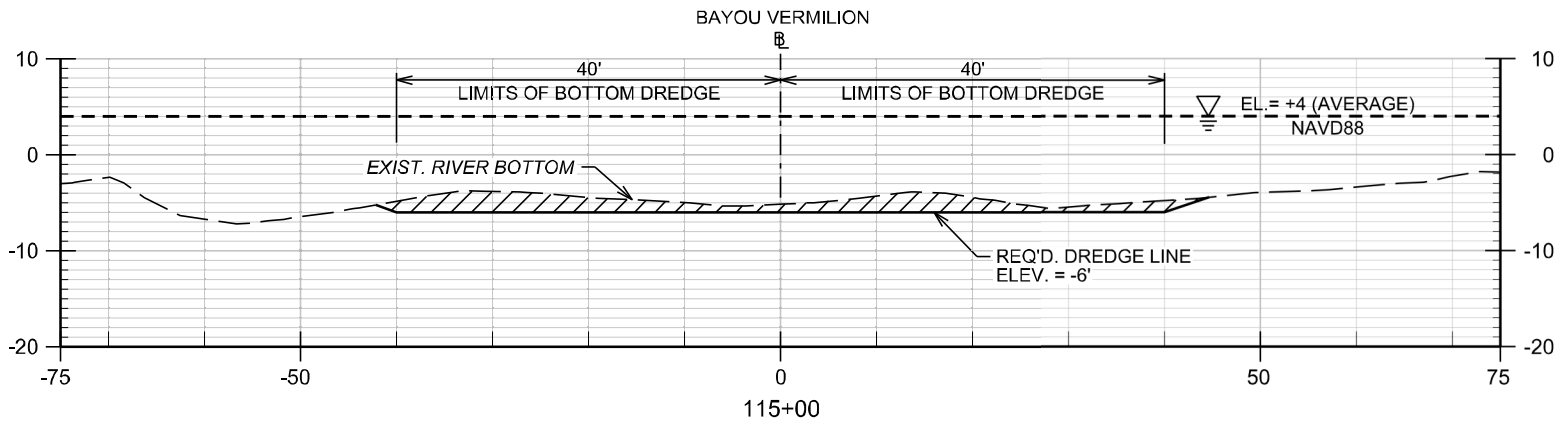
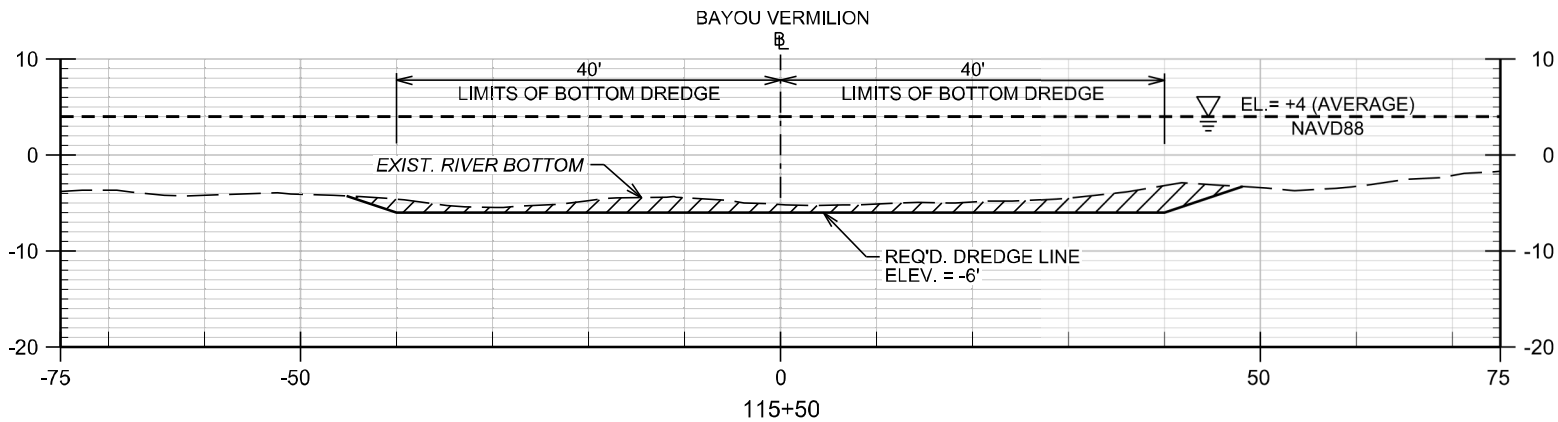
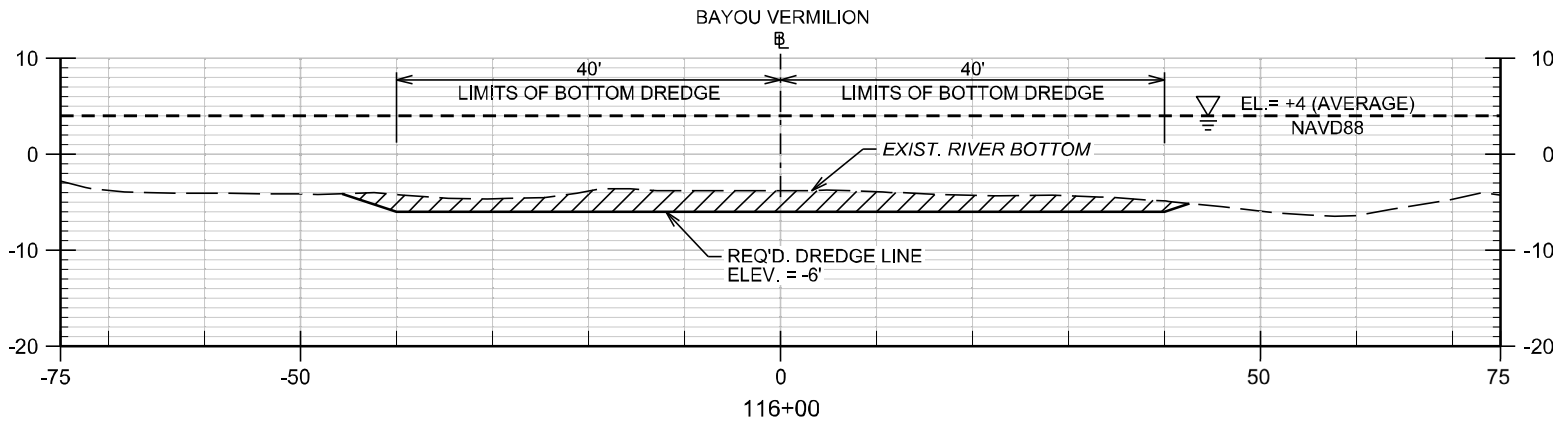
BAYOU VERMILION  
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**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



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REVISION:

JOB NO. 2213404.00C  
**SHEET 15 OF 32**



**LEGEND**  
 REQ'D. AREA TO BE DREDGED

SCALE:  
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 V : 1" = 20'

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 LICENSE NUMBER: 30170

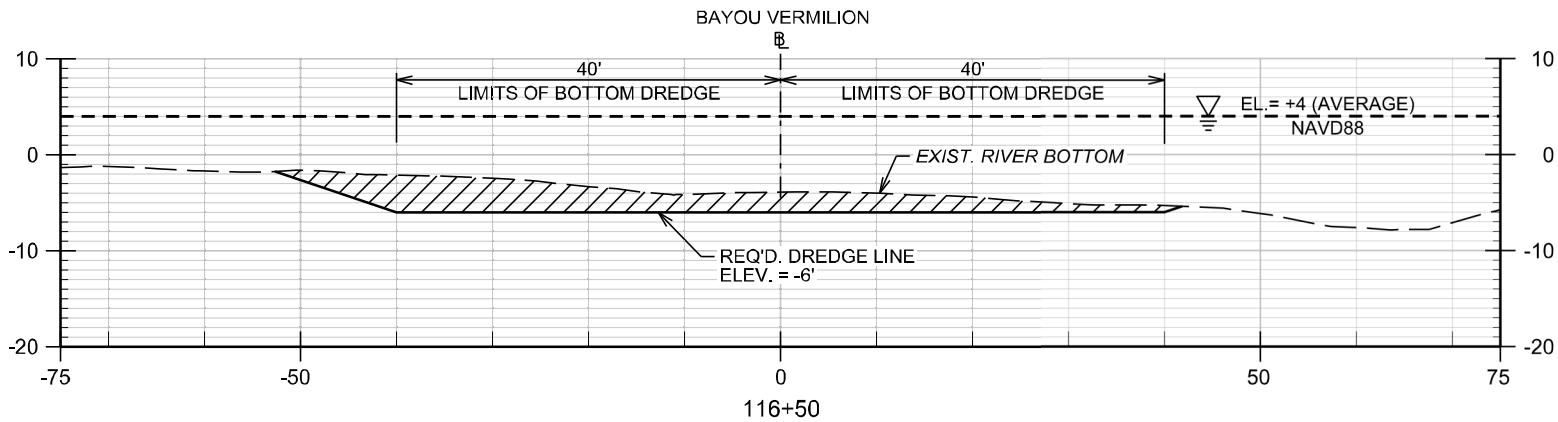
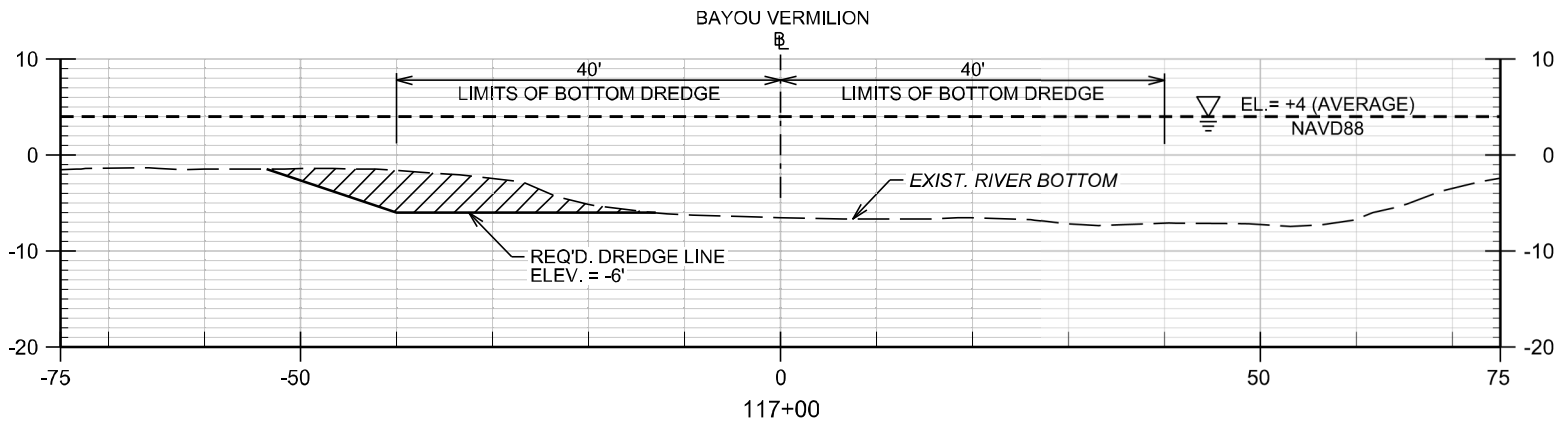
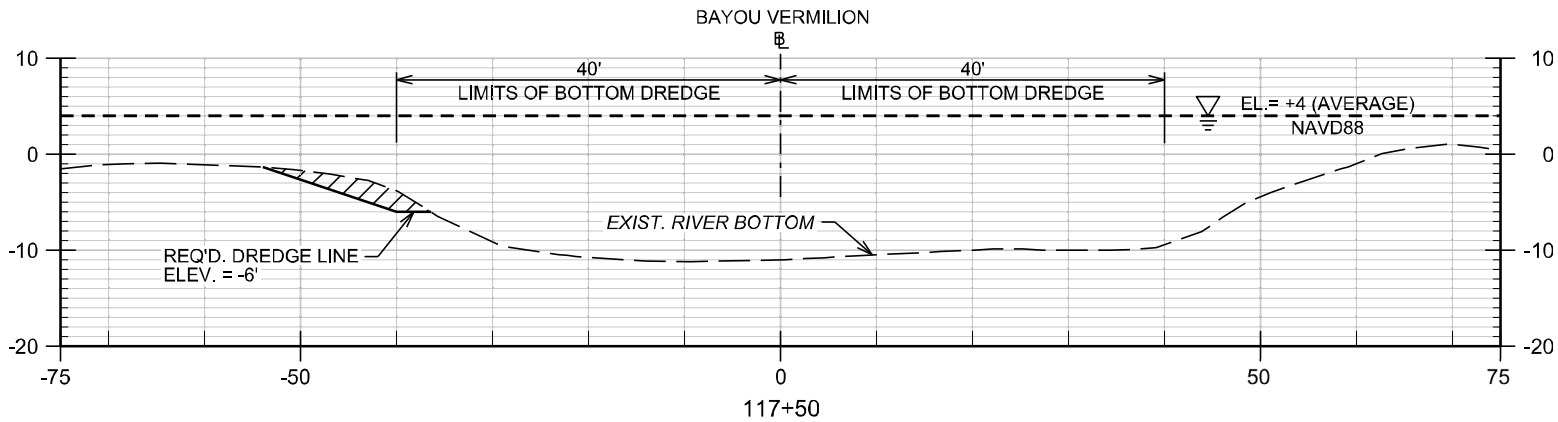
BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE  
**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
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REVISION:

JOB NO. 2213404.00C  
**SHEET 16 OF 32**



**LEGEND**  
 REQ'D. AREA TO BE DREDGED

SCALE:  
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 V : 1" = 20'

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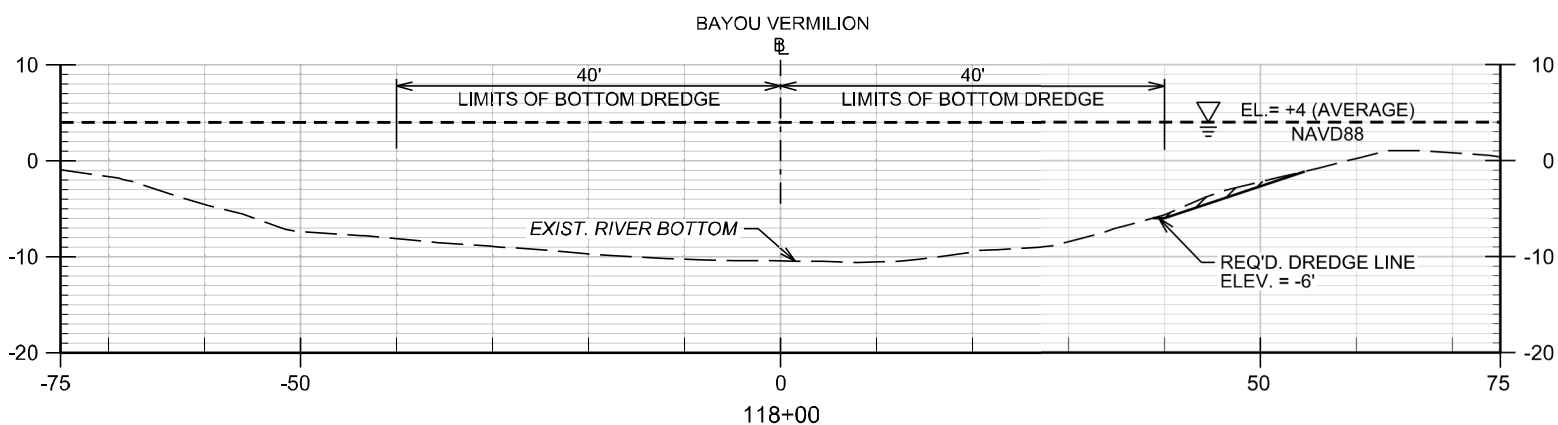
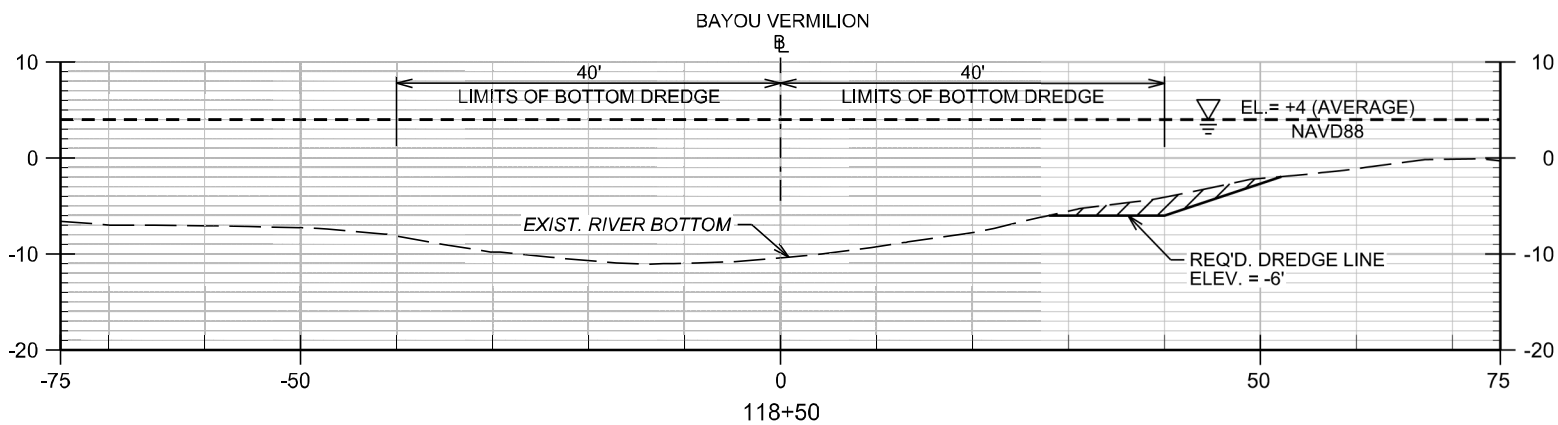
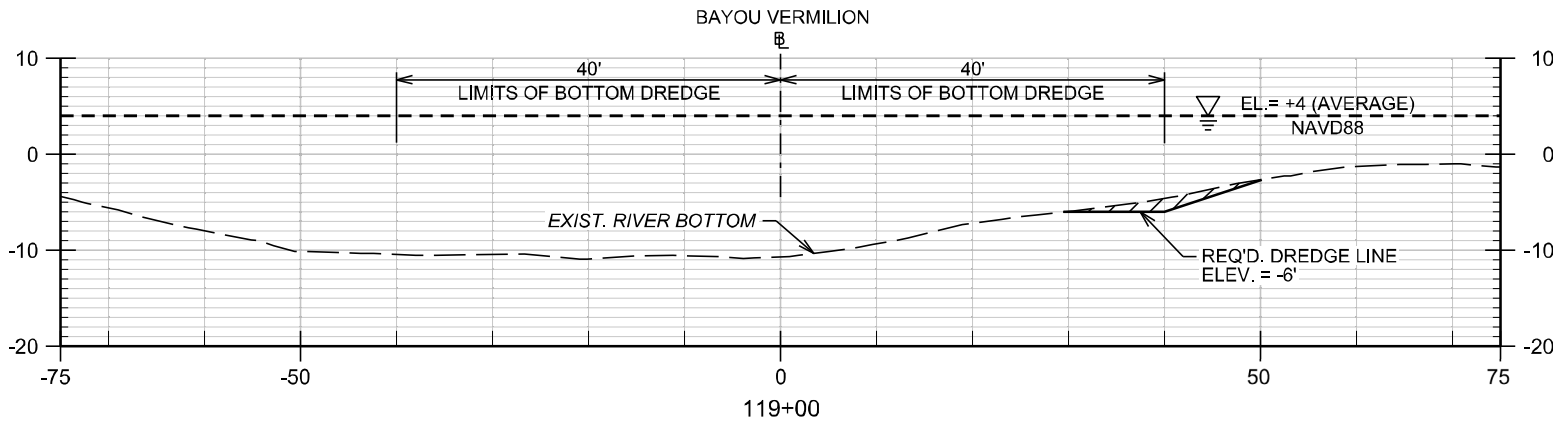
ENGINEER: DAX A. DOUJET  
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BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE  
**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



REVISION:

JOB NO. 2213404.00C  
**SHEET 17 OF 32**



**LEGEND**  
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SCALE:  
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 V : 1" = 20'

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BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE

**Figure 6**  
**Cross Sections**

SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022

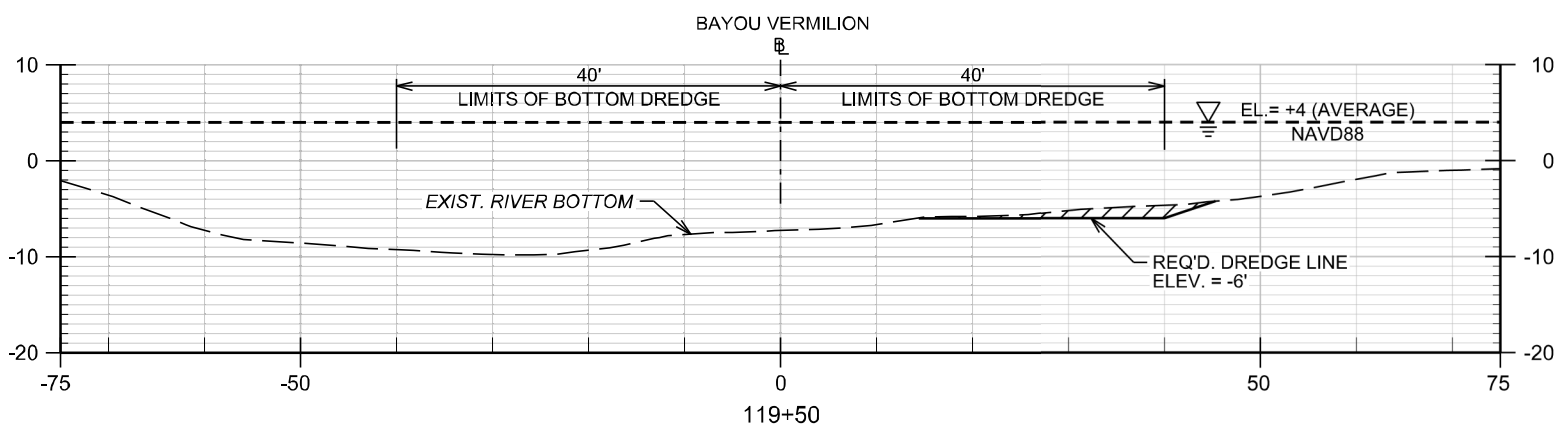
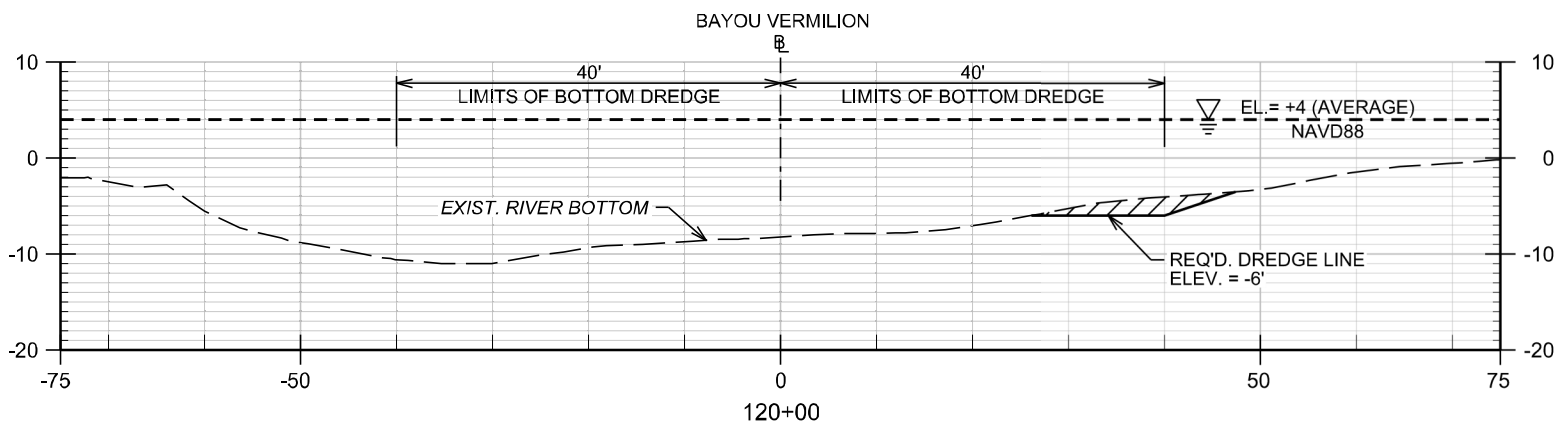
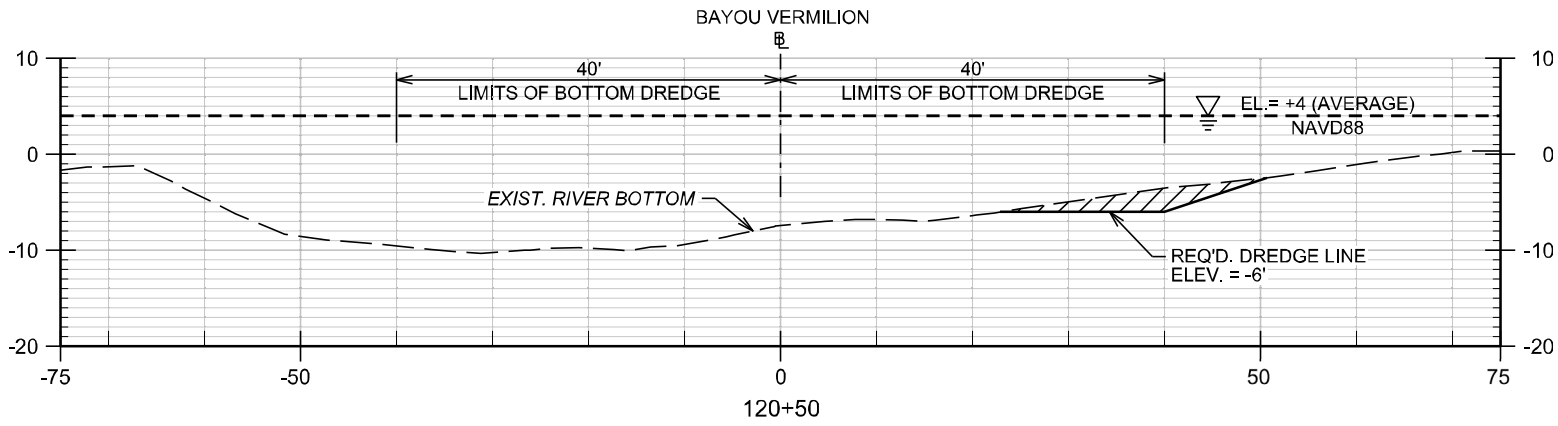


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JOB NO. 2213404.00C  
**SHEET 18 OF 32**

REVISION:



**LEGEND**  
 REQ'D. AREA TO BE DREDGED

SCALE:  
 H : 1" = 20'  
 V : 1" = 20'

BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE  
**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



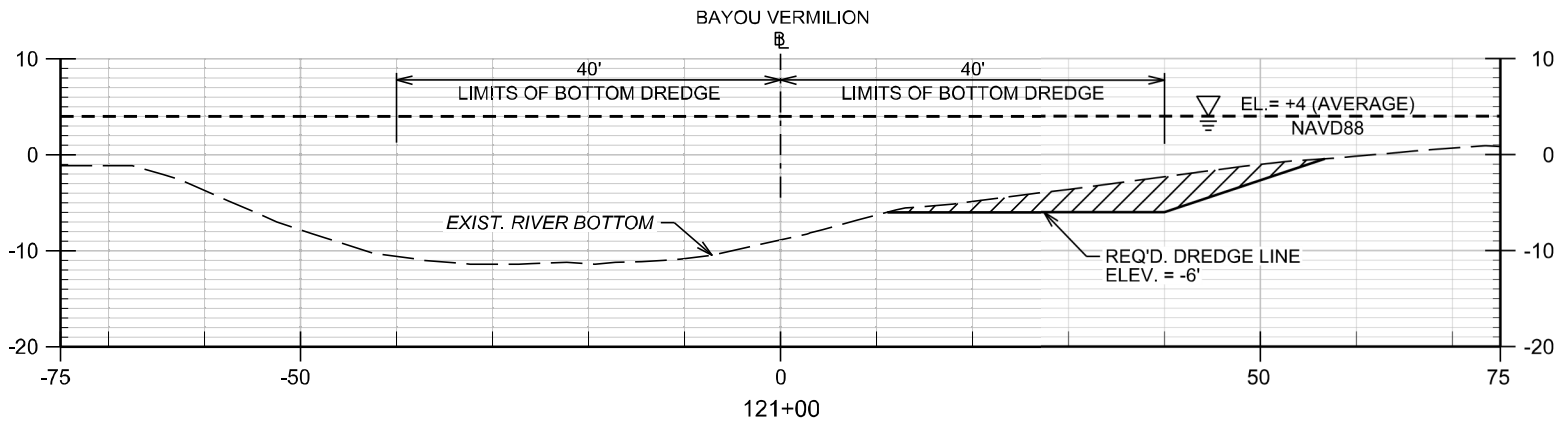
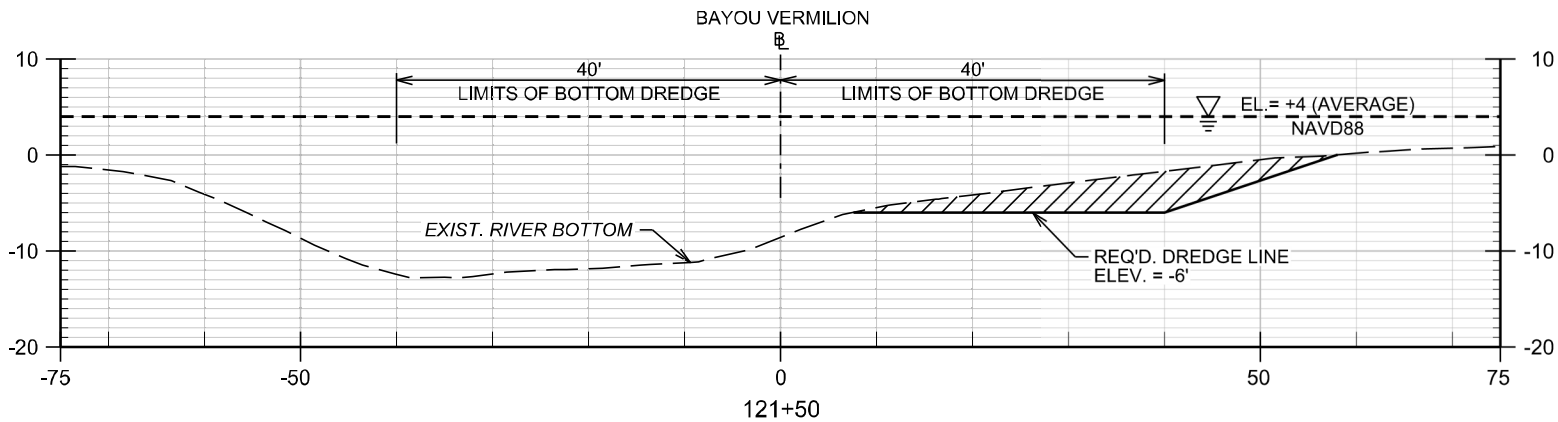
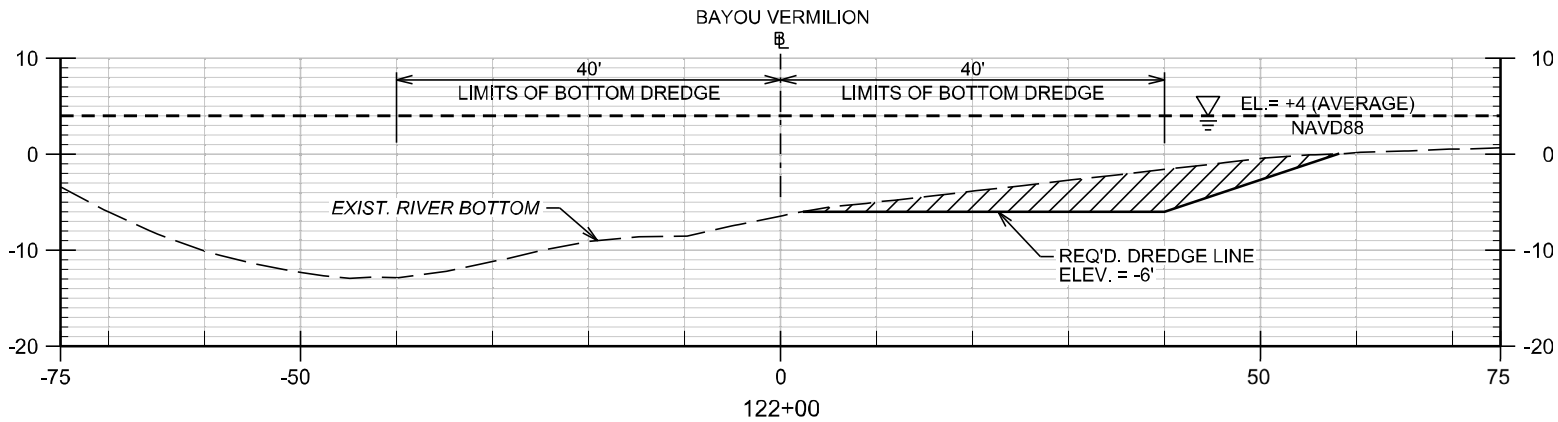
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JOB NO. 2213404.00C  
**SHEET 19 OF 32**

REVISION:



**LEGEND**  
 REQ'D. AREA TO BE DREDGED

SCALE:  
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 V : 1" = 20'

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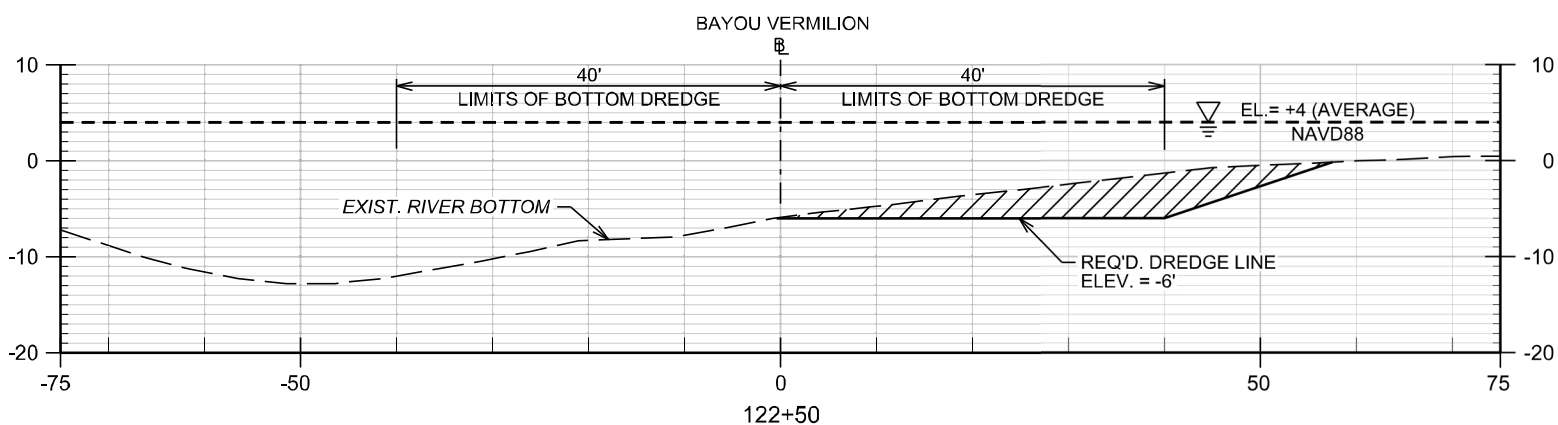
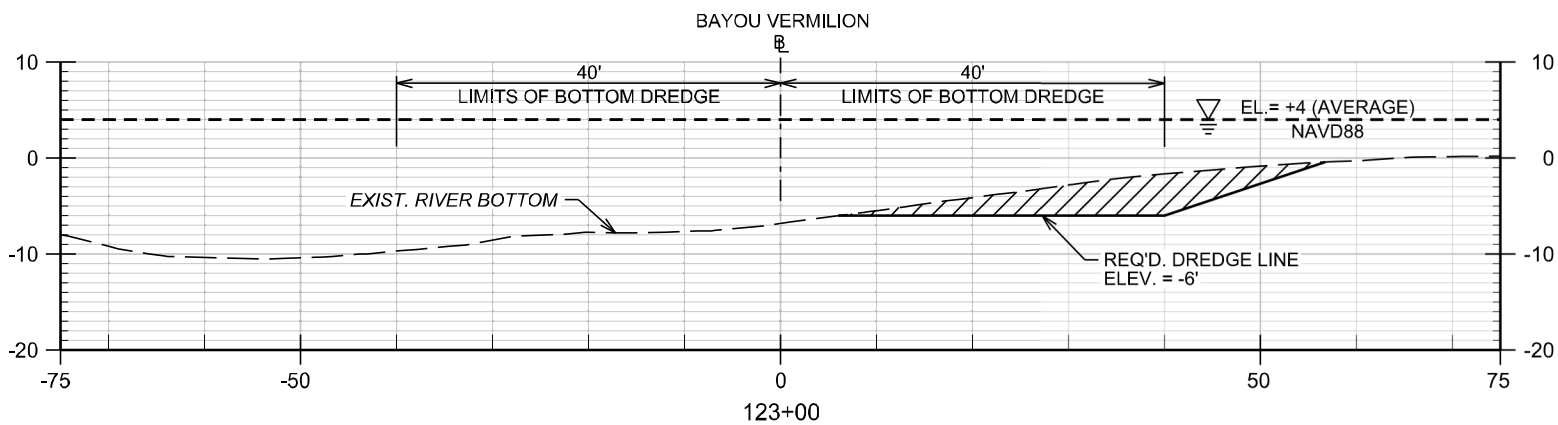
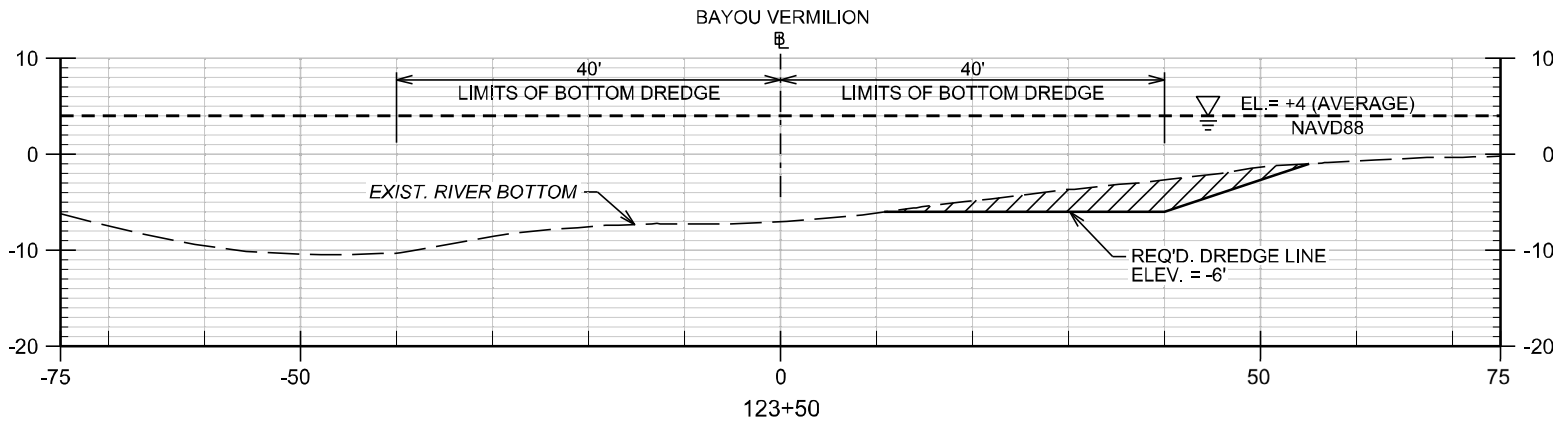
BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE  
**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



REVISION:

JOB NO. 2213404.00C  
**SHEET 20 OF 32**





**LEGEND**  
 REQ'D. AREA TO BE DREDGED

SCALE:  
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 V : 1" = 20'

BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE  
**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



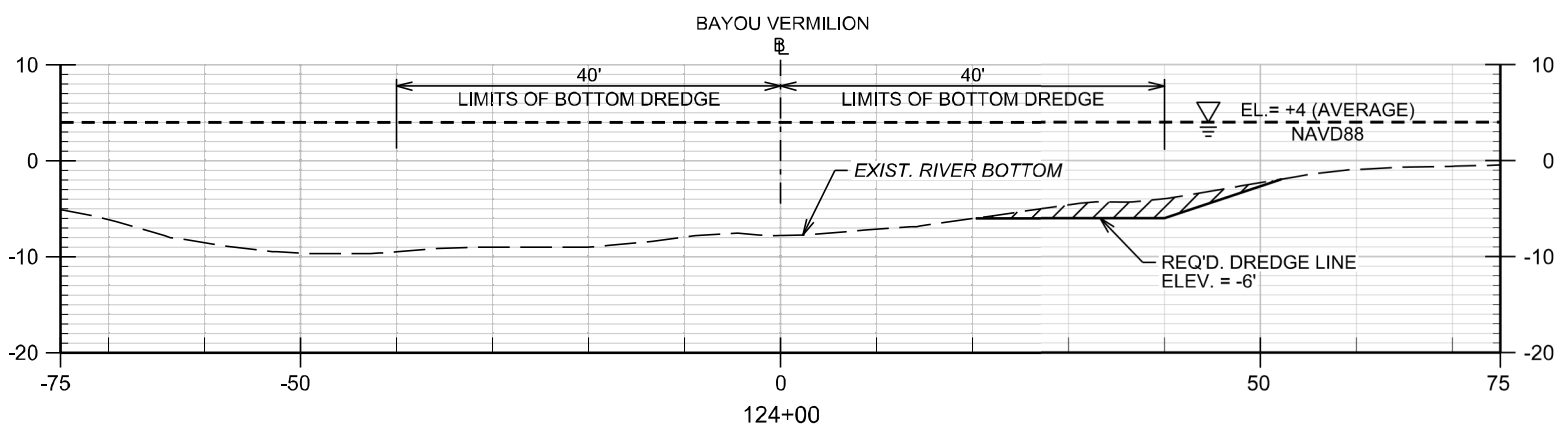
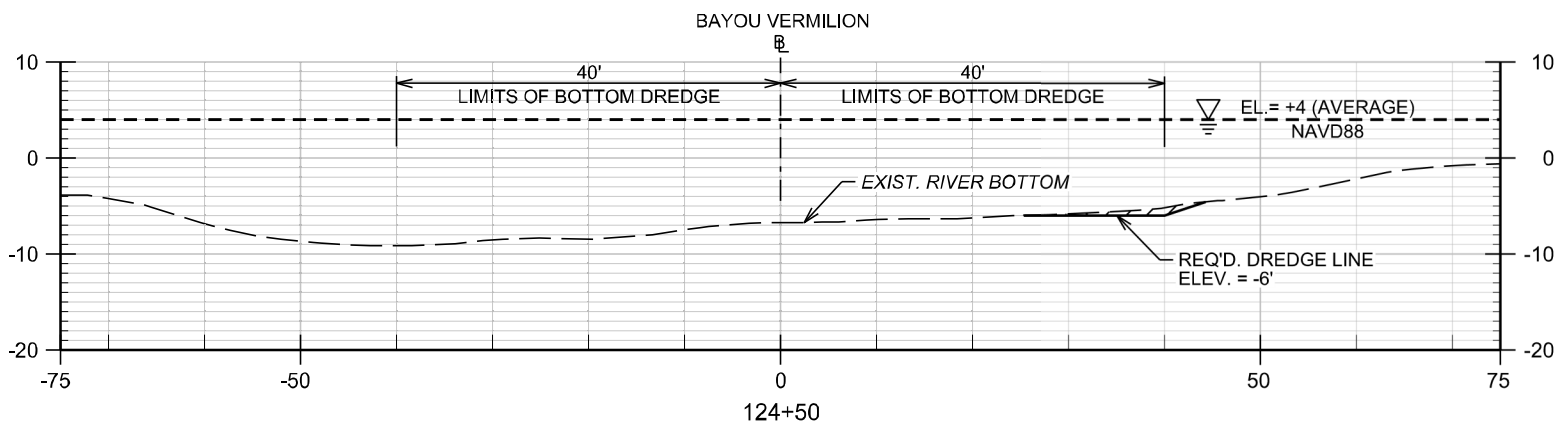
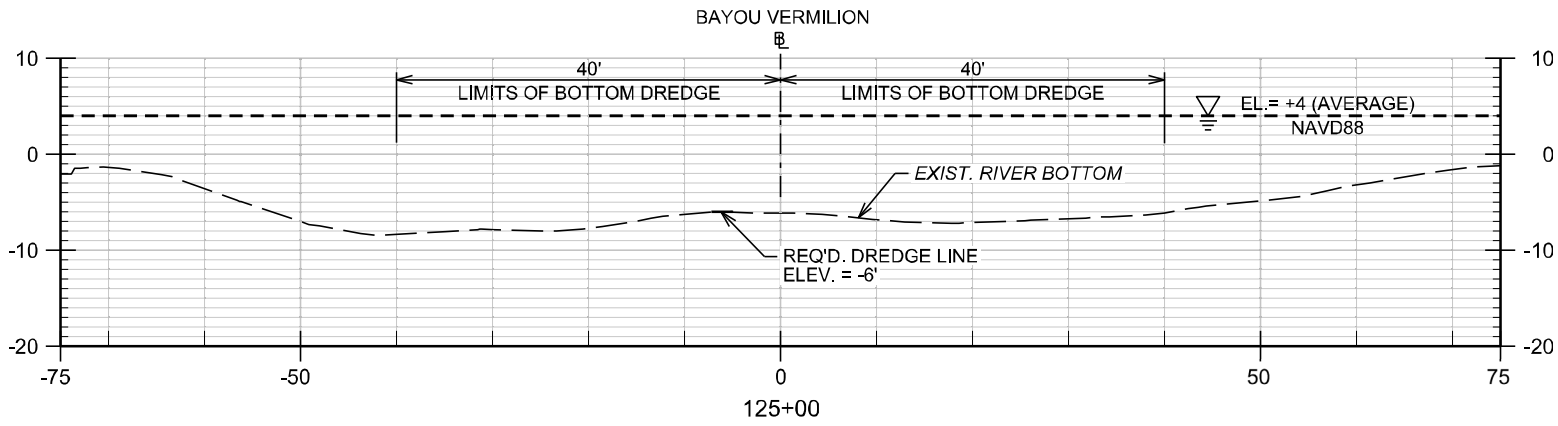
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REVISION:

JOB NO. 2213404.00C  
**SHEET 21 OF 32**



**LEGEND**  
 REQ'D. AREA TO BE DREDGED

SCALE:  
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 V : 1" = 20'

BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE  
**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



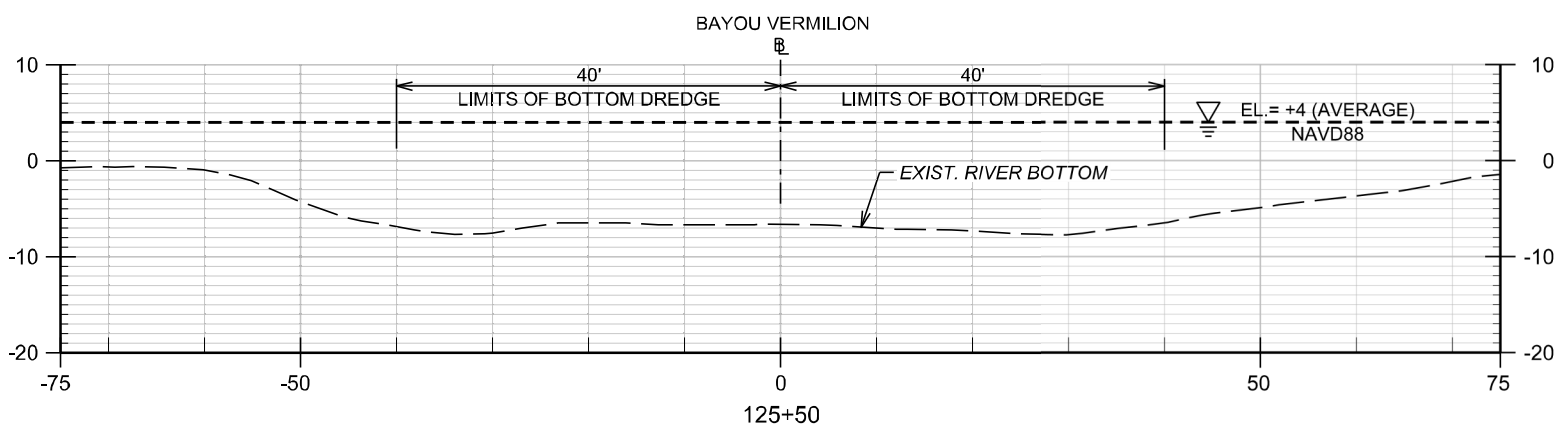
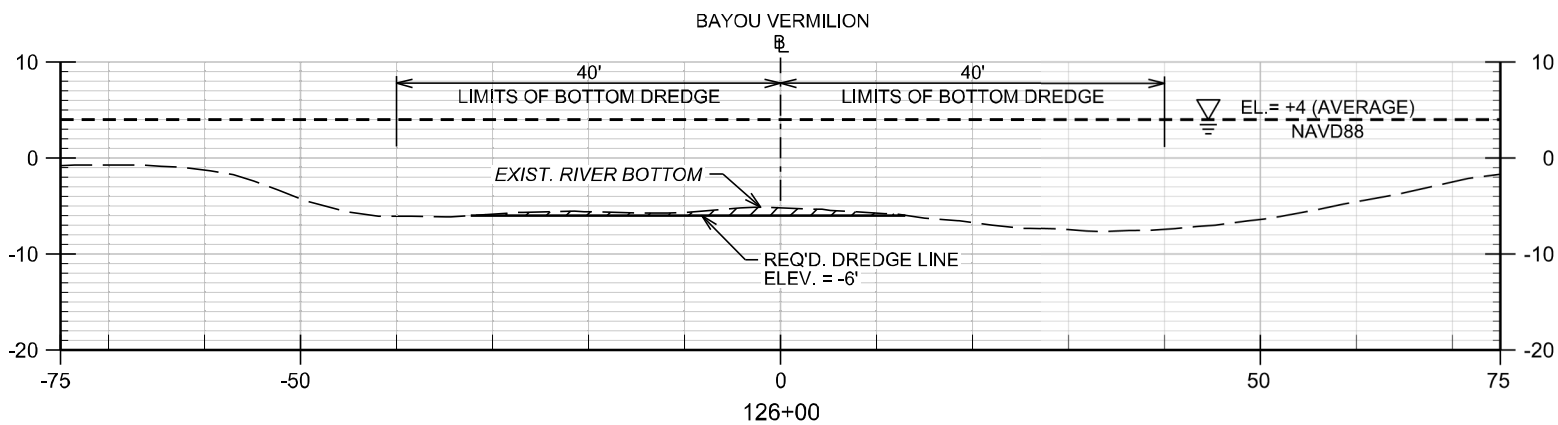
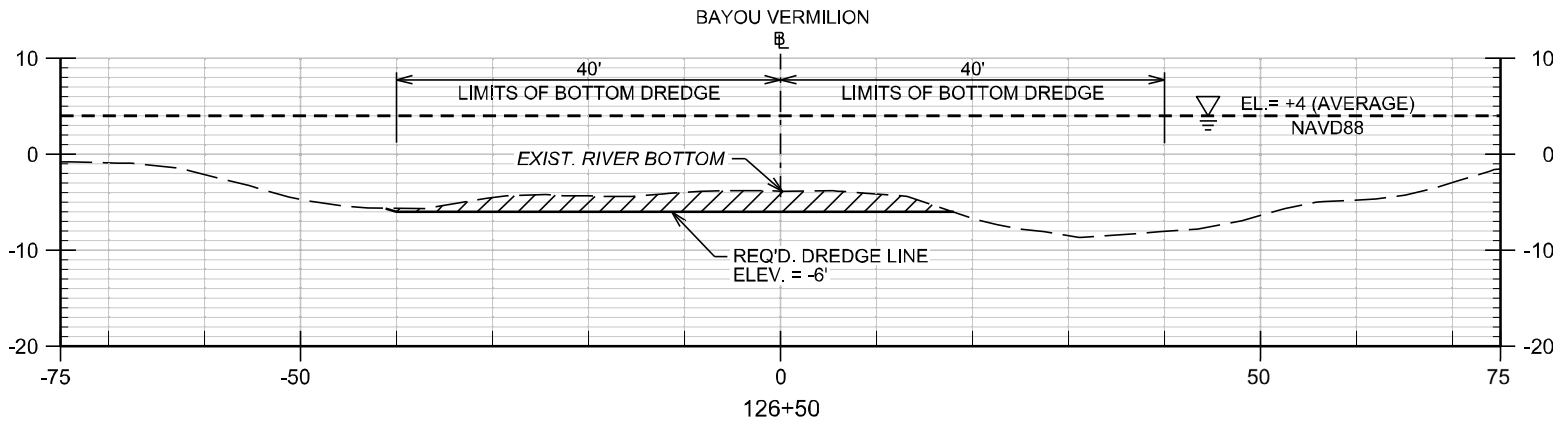
REVISION:

JOB NO. 2213404.00C  
**SHEET 22 OF 32**

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**LEGEND**  
 REQ'D. AREA TO BE DREDGED

SCALE:  
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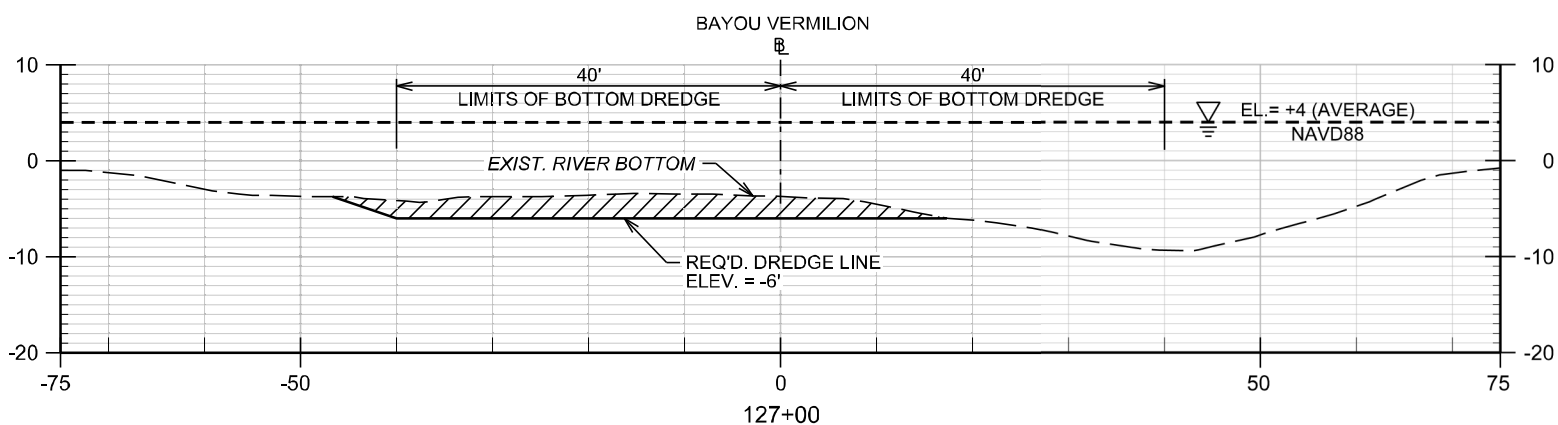
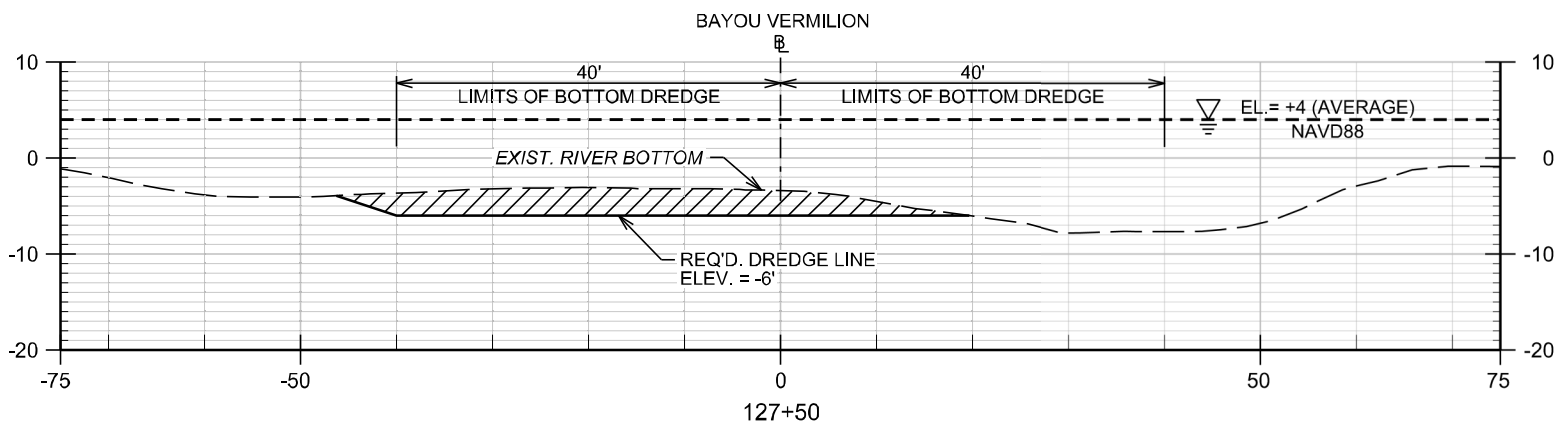
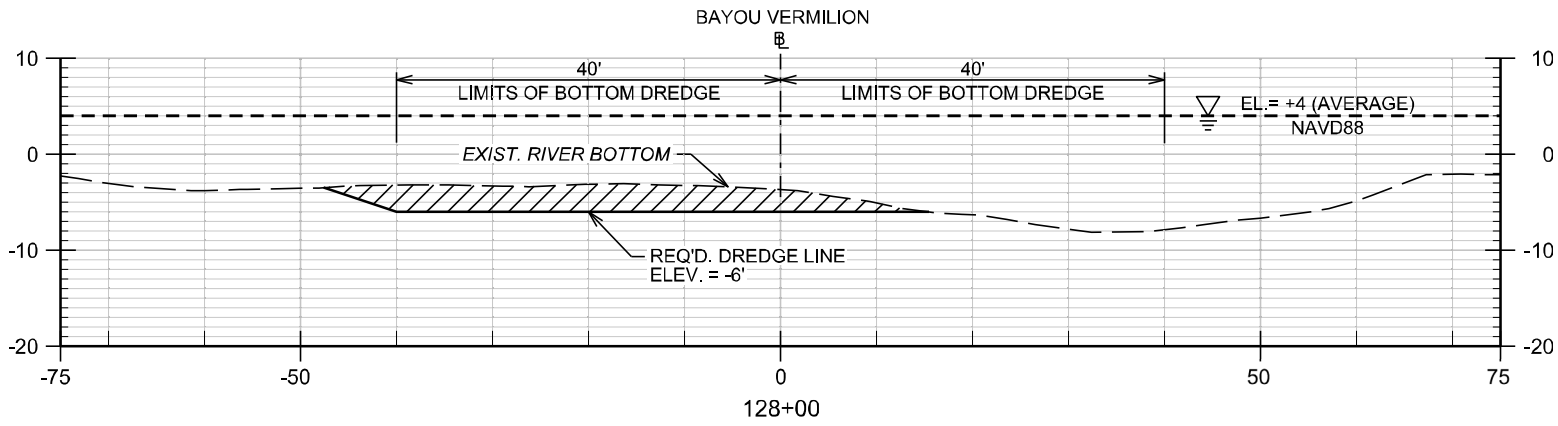
ENGINEER: DAX A. DOUET  
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BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE  
**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



REVISION:

JOB NO. 2213404.00C  
**SHEET 23 OF 32**



**LEGEND**

REQ'D. AREA TO BE DREDGED

SCALE:  
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BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE

**Figure 6**  
**Cross Sections**

SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022

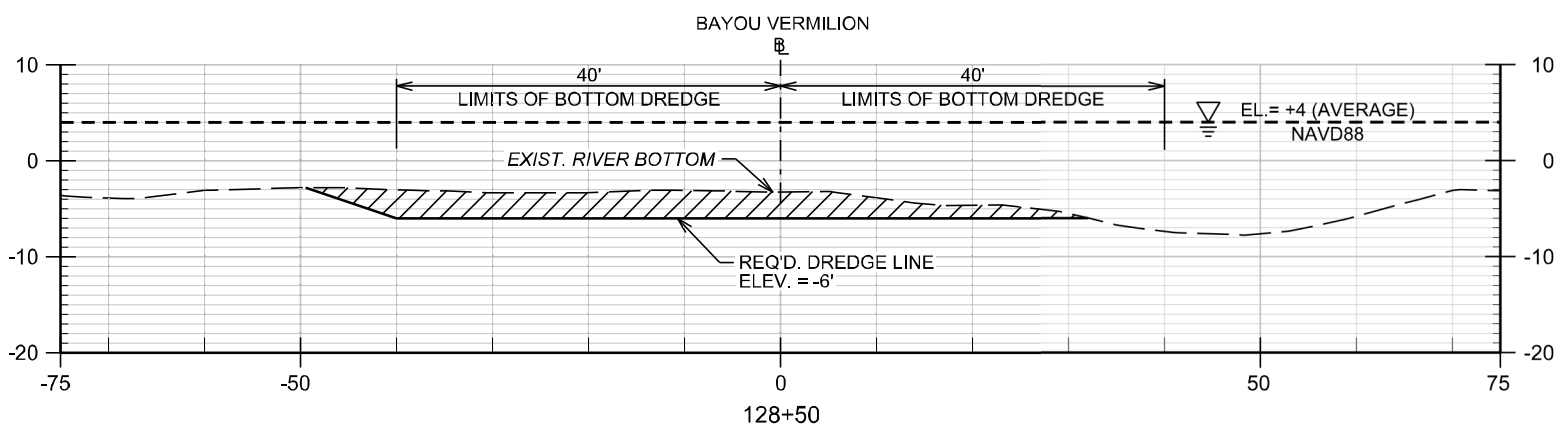
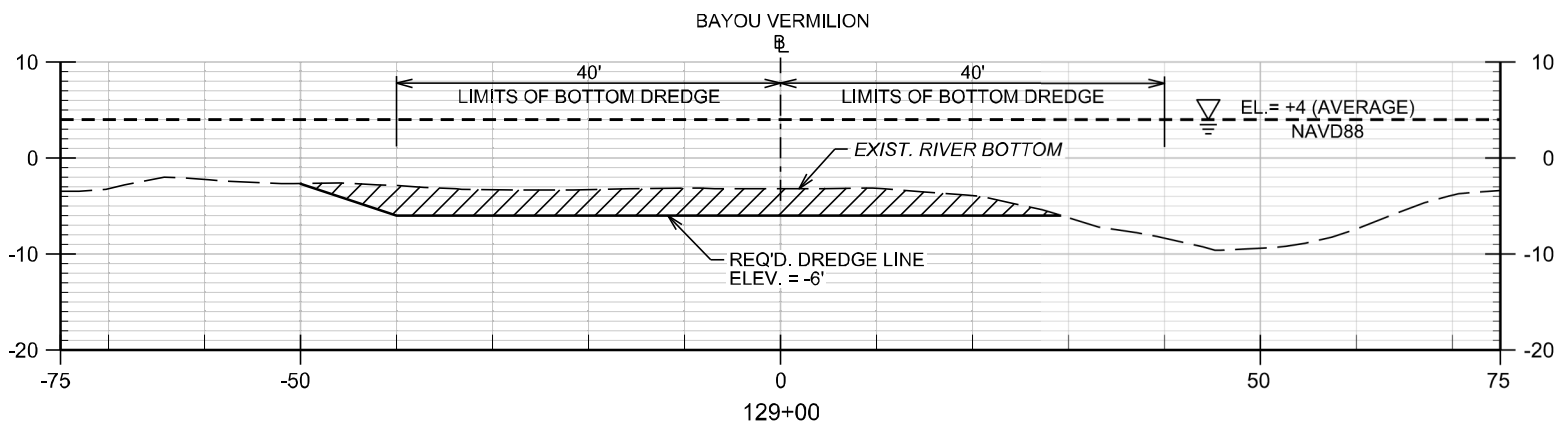
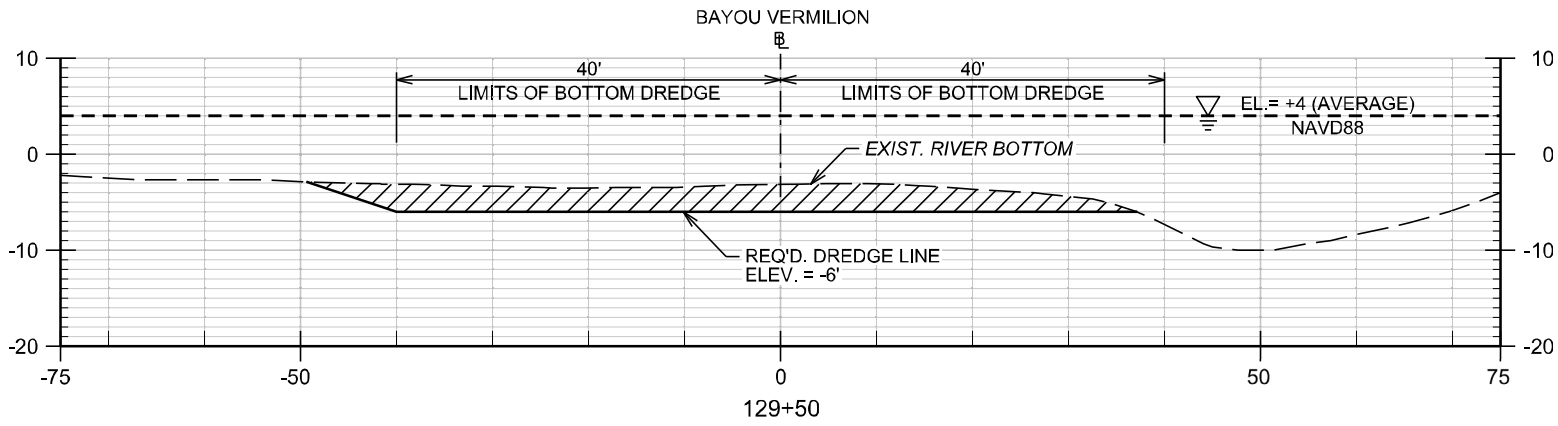
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Lafayette CONSOLIDATED GOVERNMENT

FENSTERMAKER

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JOB NO. 2213404.00C  
**SHEET 24 OF 32**



**LEGEND**  
 REQ'D. AREA TO BE DREDGED

SCALE:  
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 V : 1" = 20'

BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE  
**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



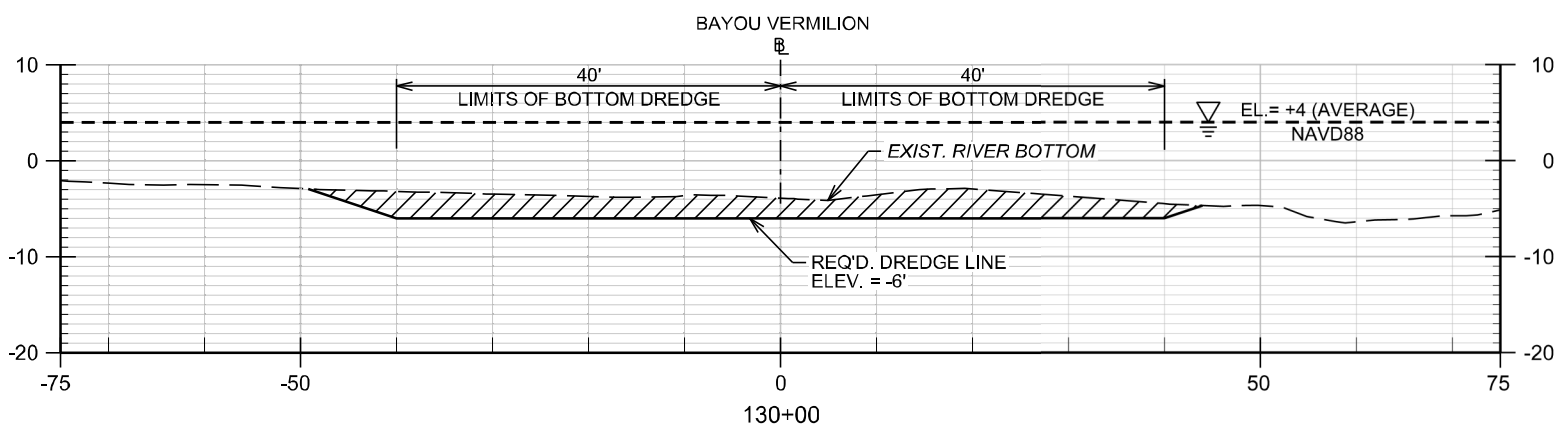
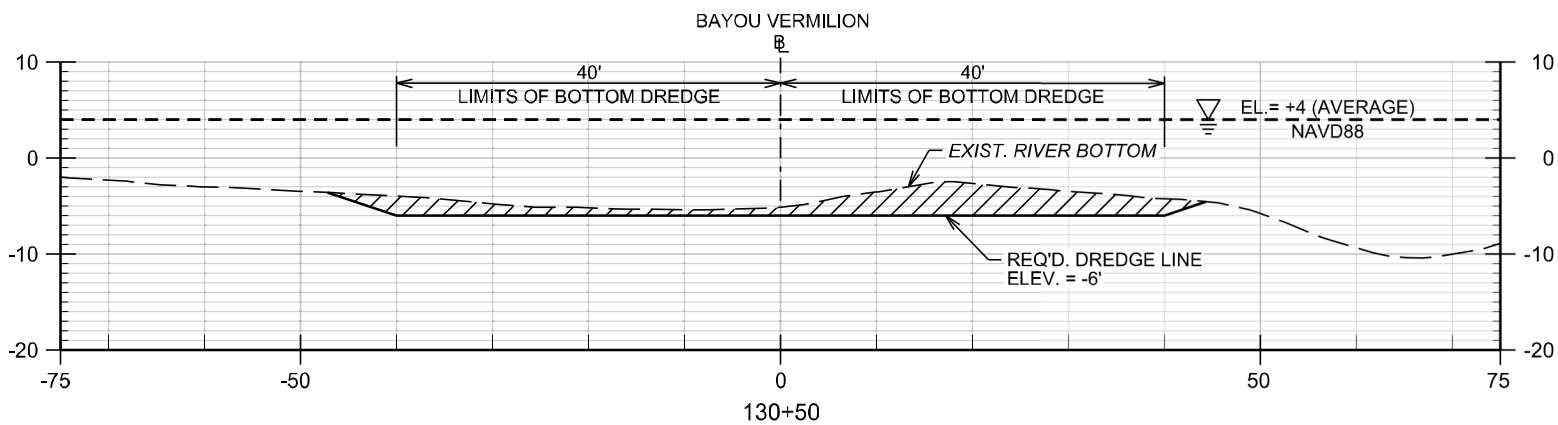
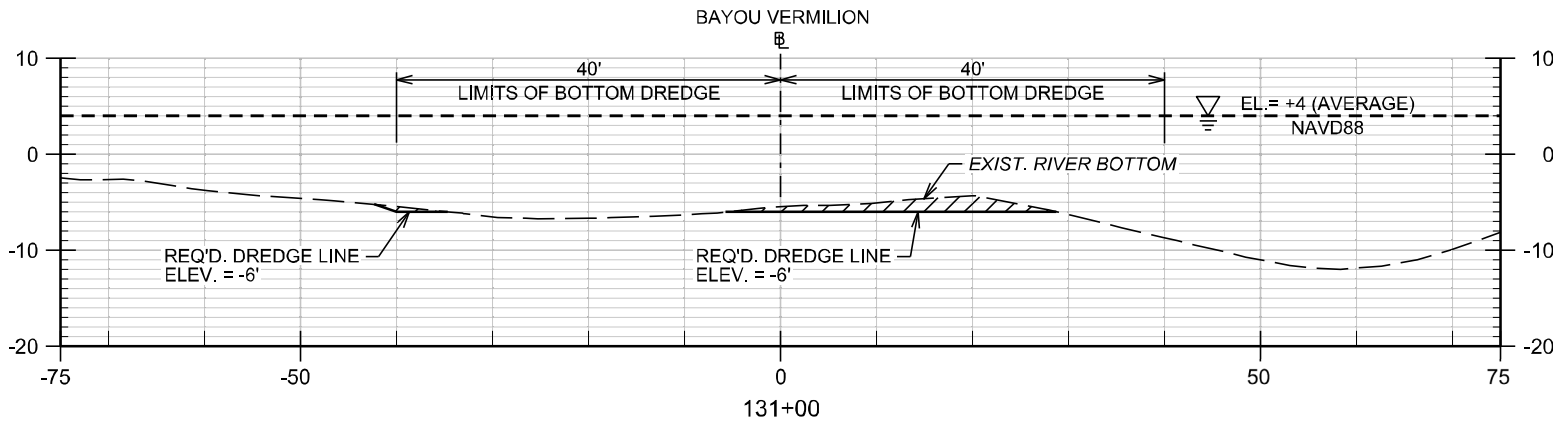
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 LICENSE NUMBER: 30170

JOB NO. 2213404.00C  
**SHEET 25 OF 32**

REVISION:



**LEGEND**  
 REQ'D. AREA TO BE DREDGED

SCALE:  
 H : 1" = 20'  
 V : 1" = 20'

BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE  
**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



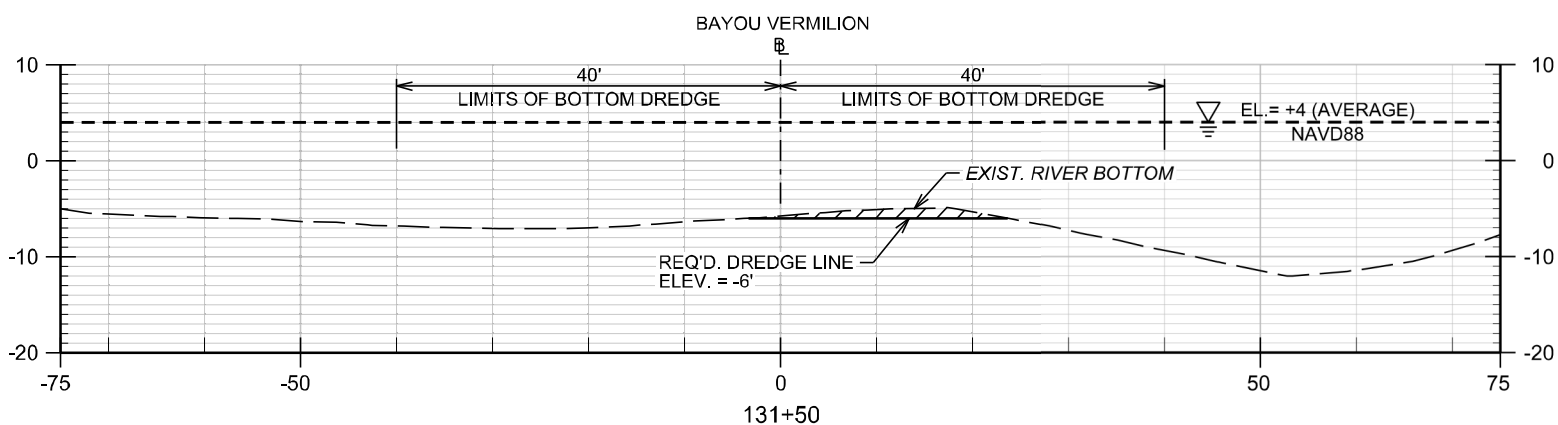
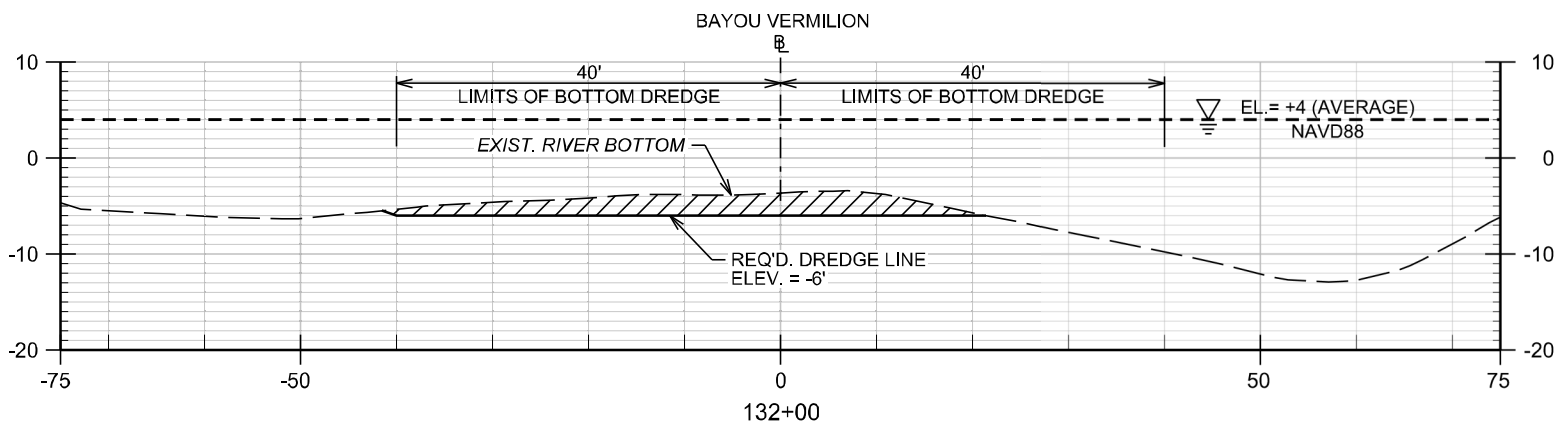
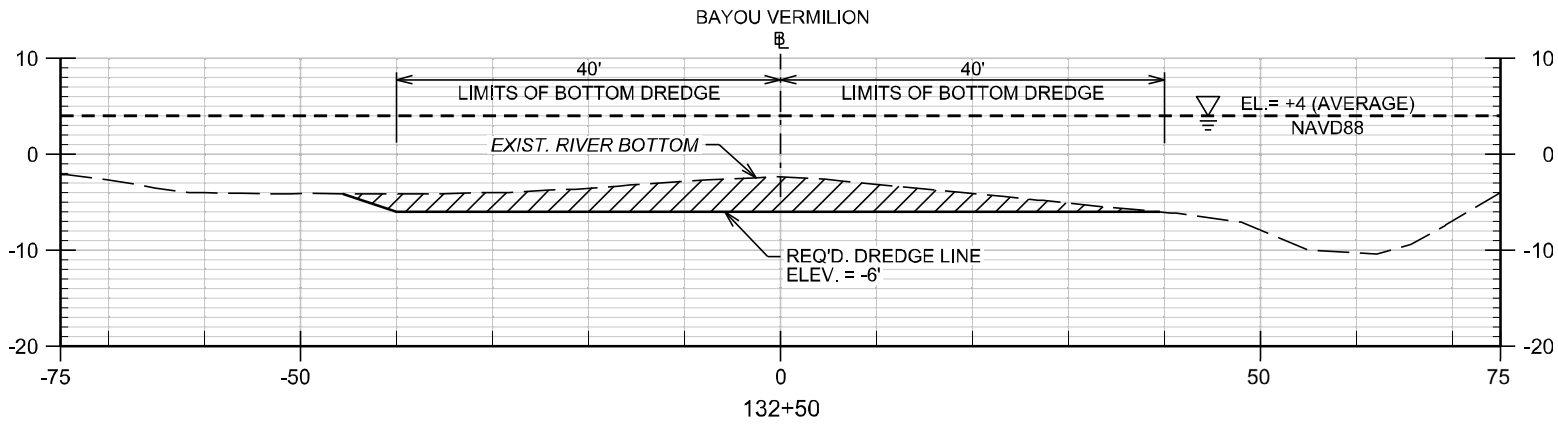
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**SHEET 26 OF 32**

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**LEGEND**  
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SCALE:  
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 V : 1" = 20'

BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE  
**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
**AUGUST 4, 2022**



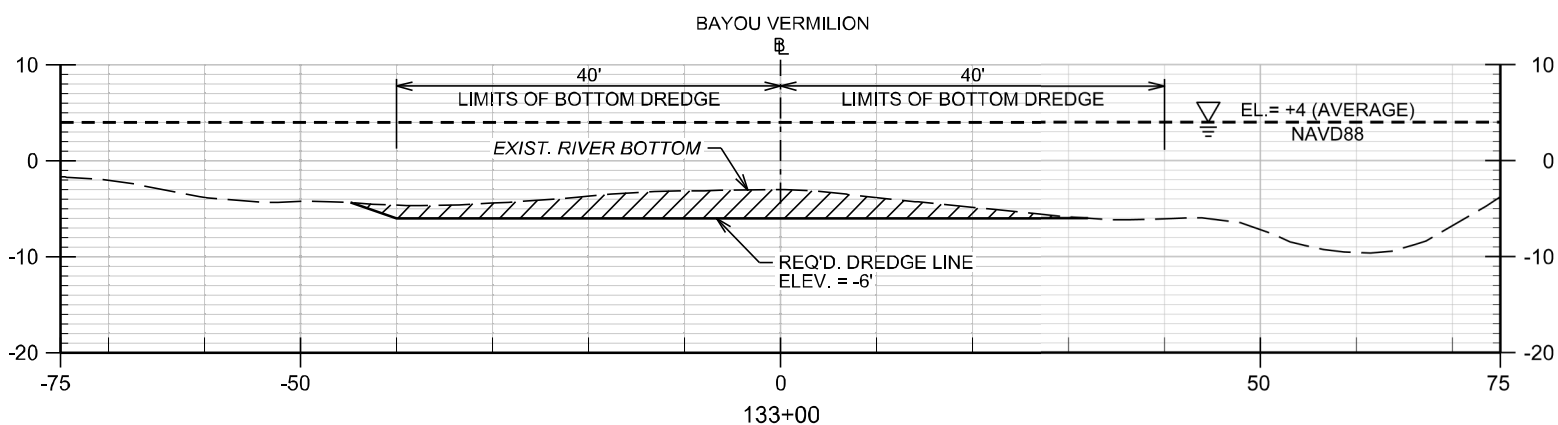
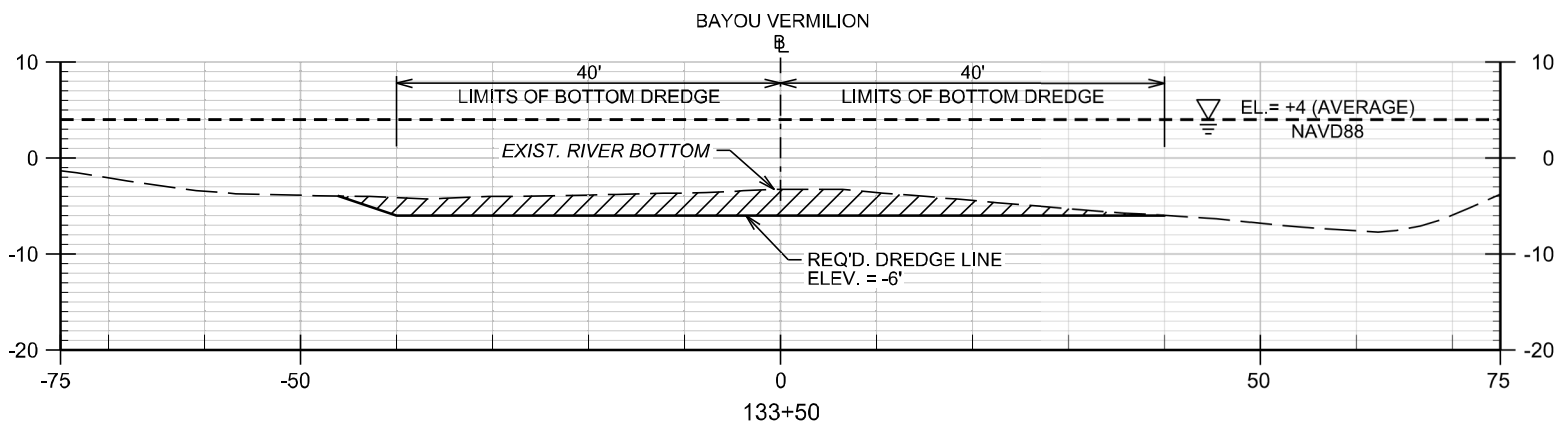
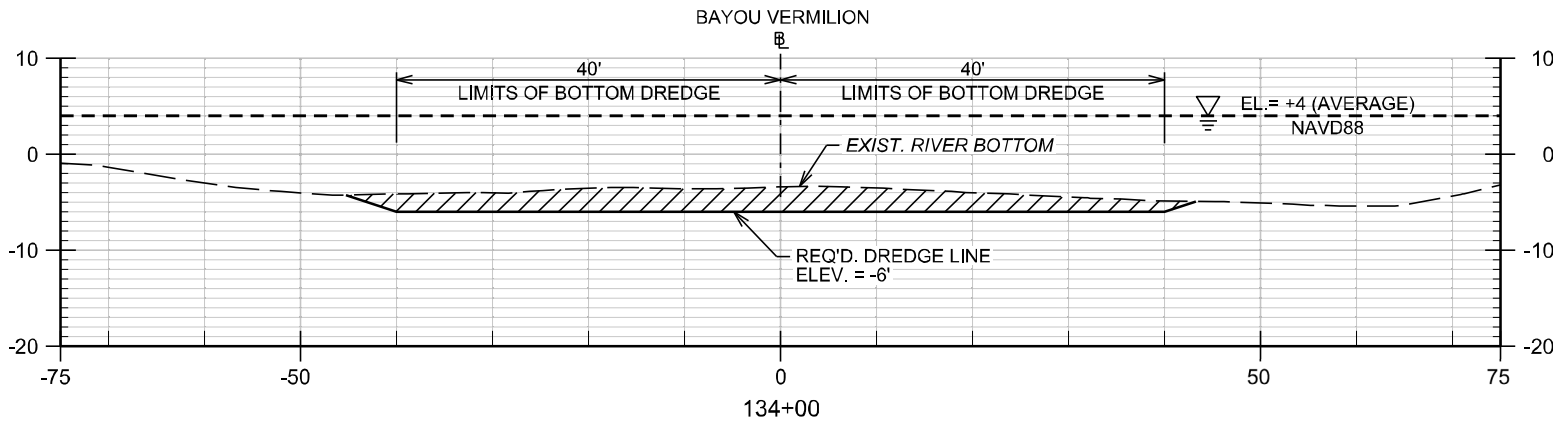
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**SHEET 27 OF 32**



**LEGEND**  
 REQ'D. AREA TO BE DREDGED

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BAYOU VERMILION  
 SPOT DREDGING AT  
 COULEE MINE  
**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



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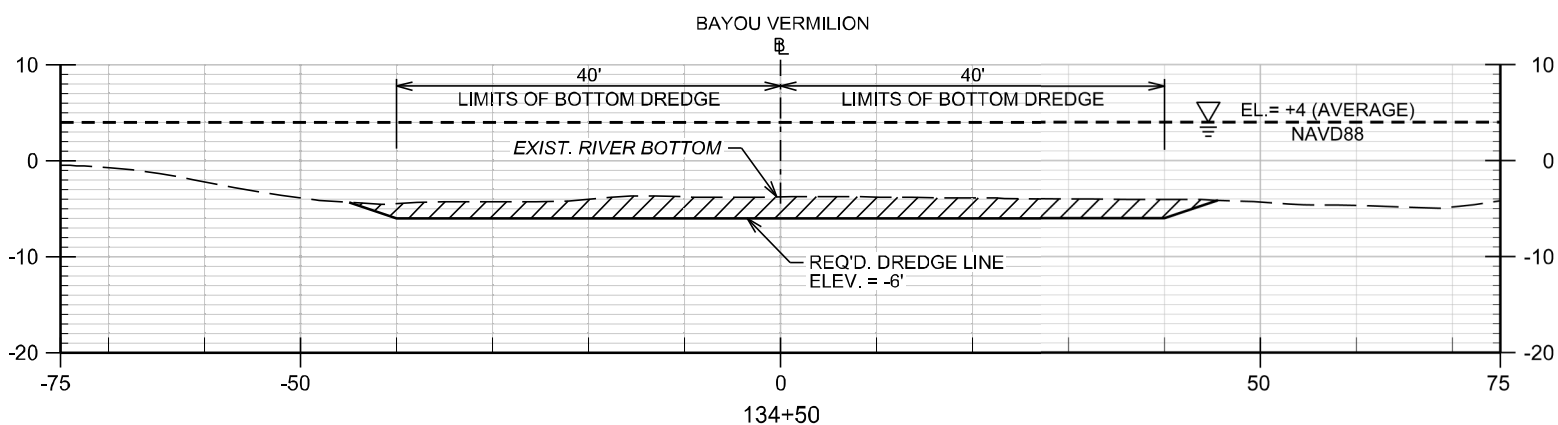
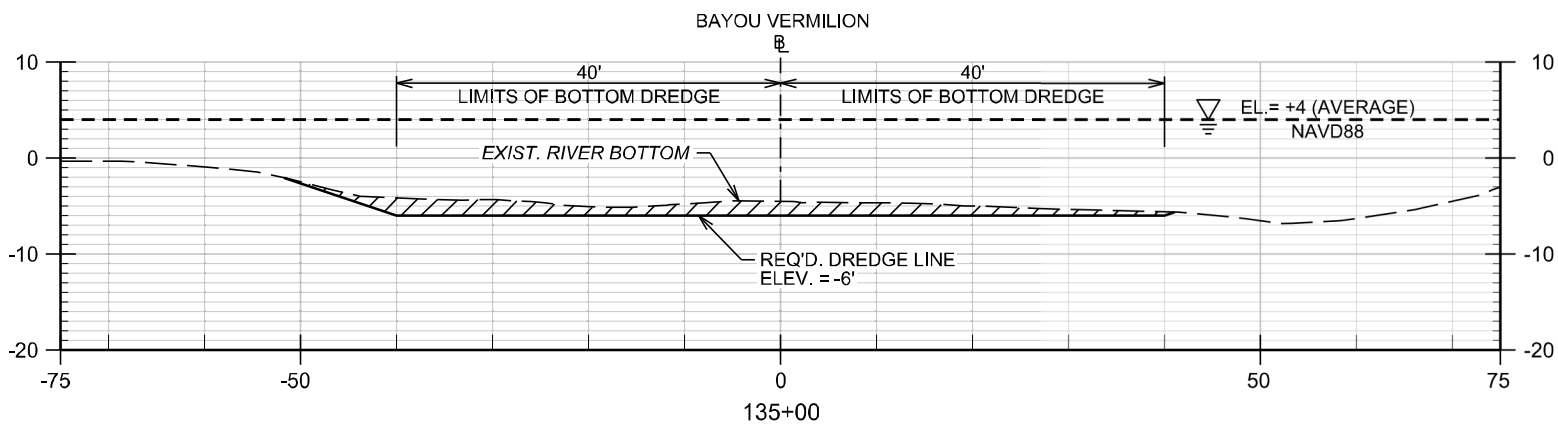
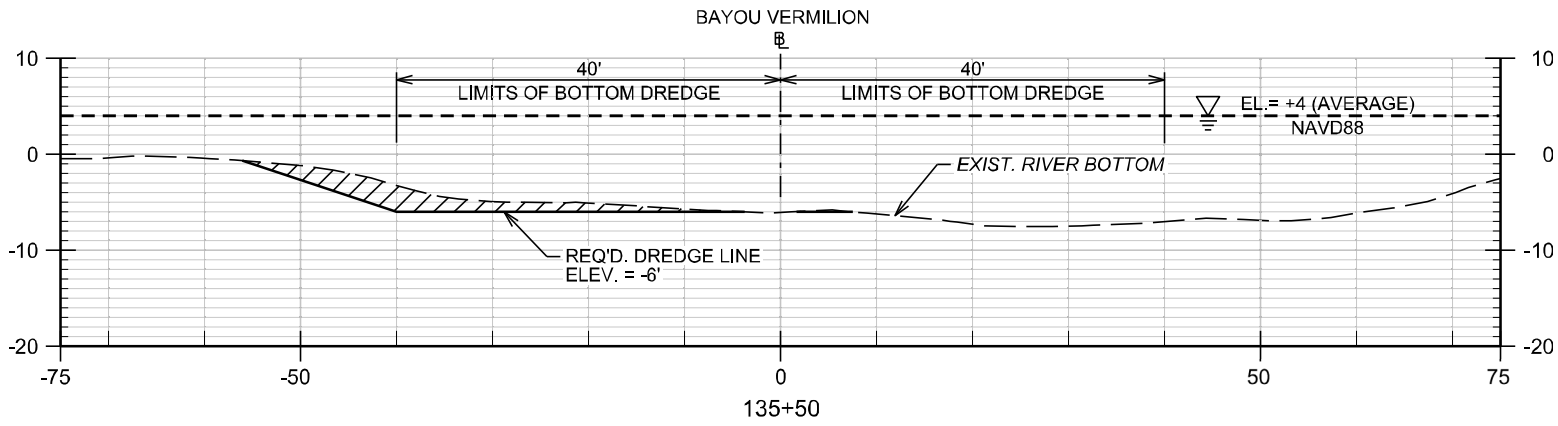
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**SHEET 28 OF 32**

REVISION:





**LEGEND**  
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**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



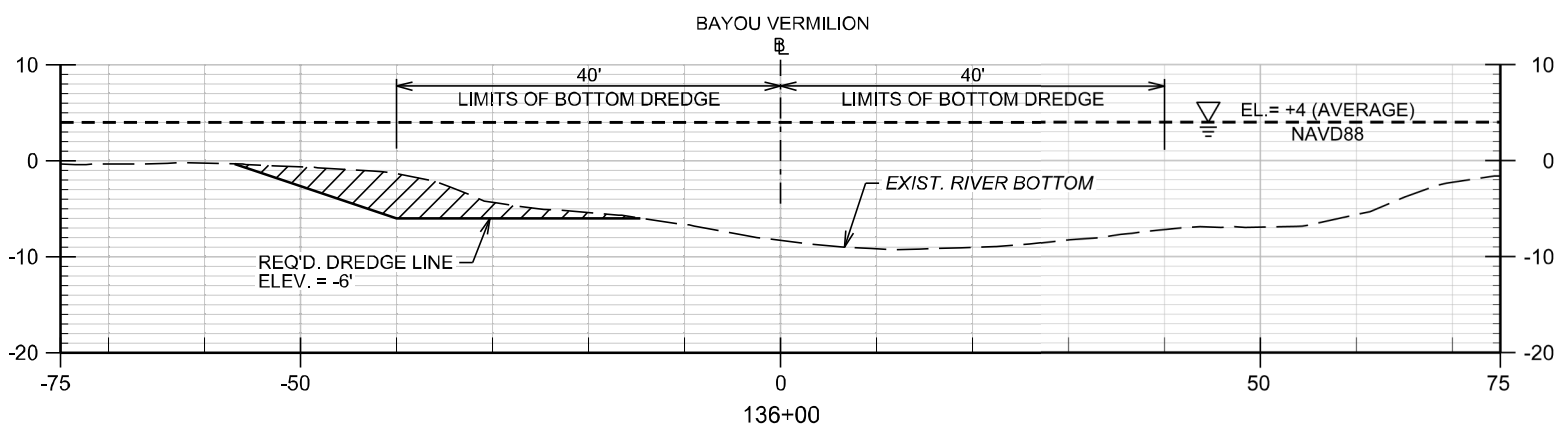
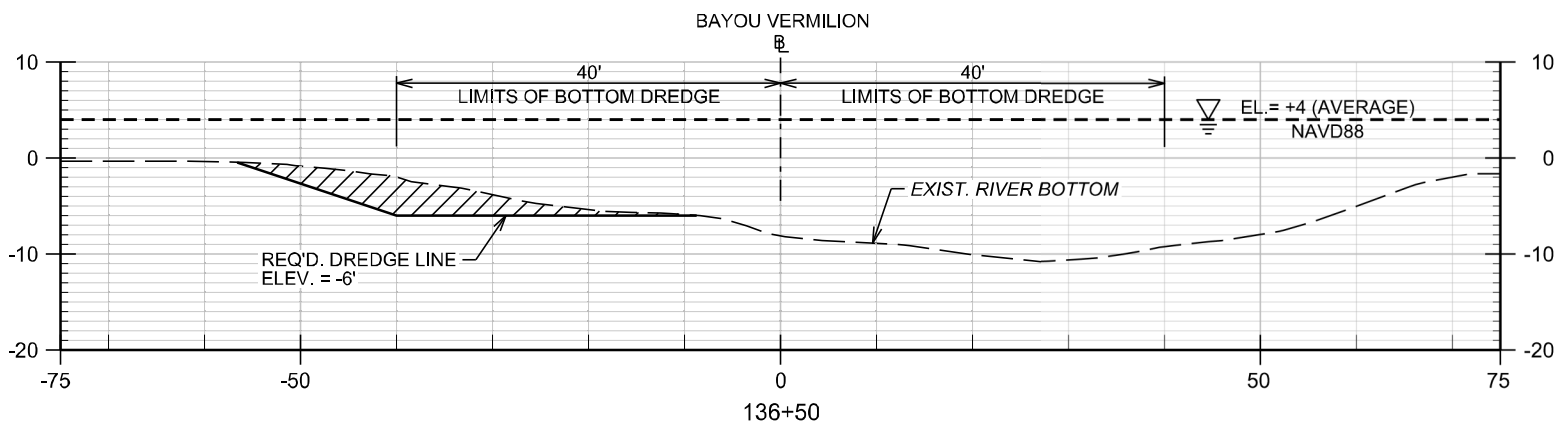
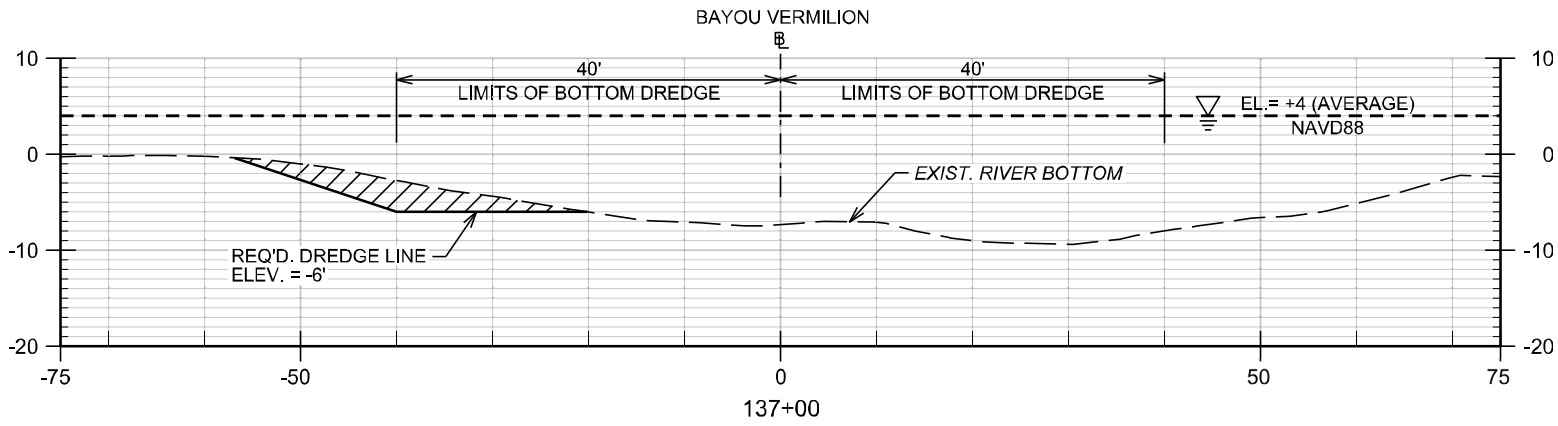
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**SHEET 29 OF 32**

REVISION:



**LEGEND**  
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BAYOU VERMILION  
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**Figure 6**  
**Cross Sections**  
 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



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 135 REGENCY SQUARE, LAFAYETTE, LA 70508  
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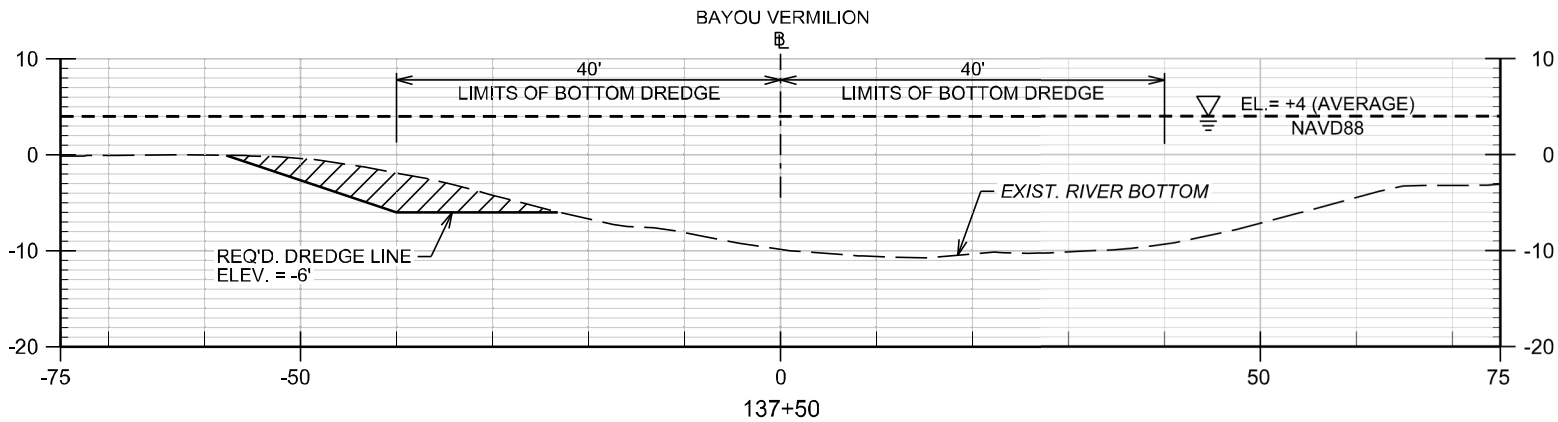
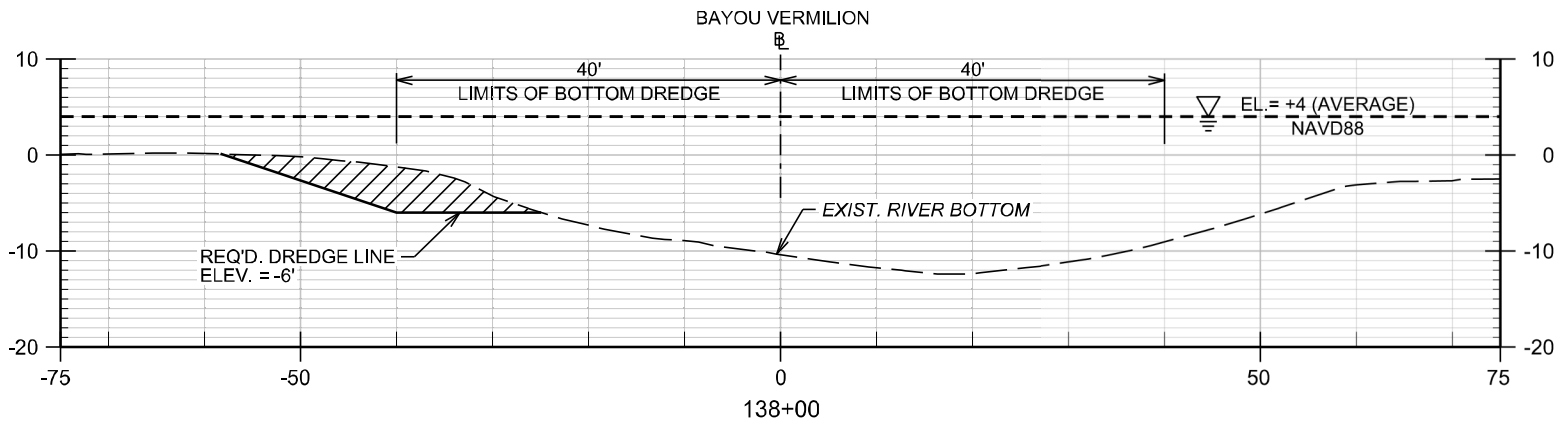
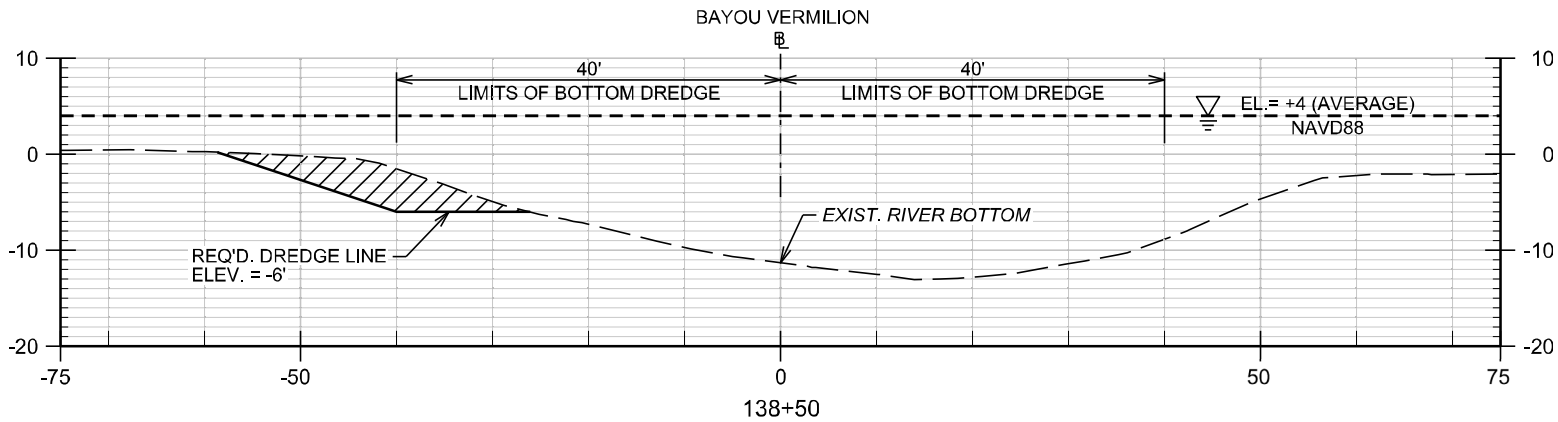
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**LEGEND**  
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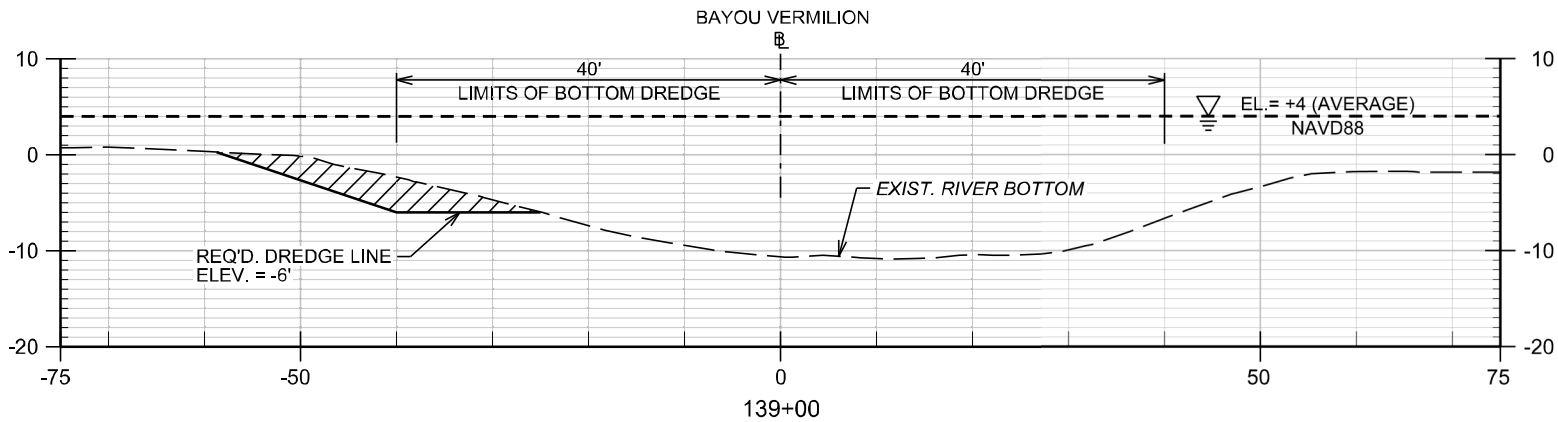
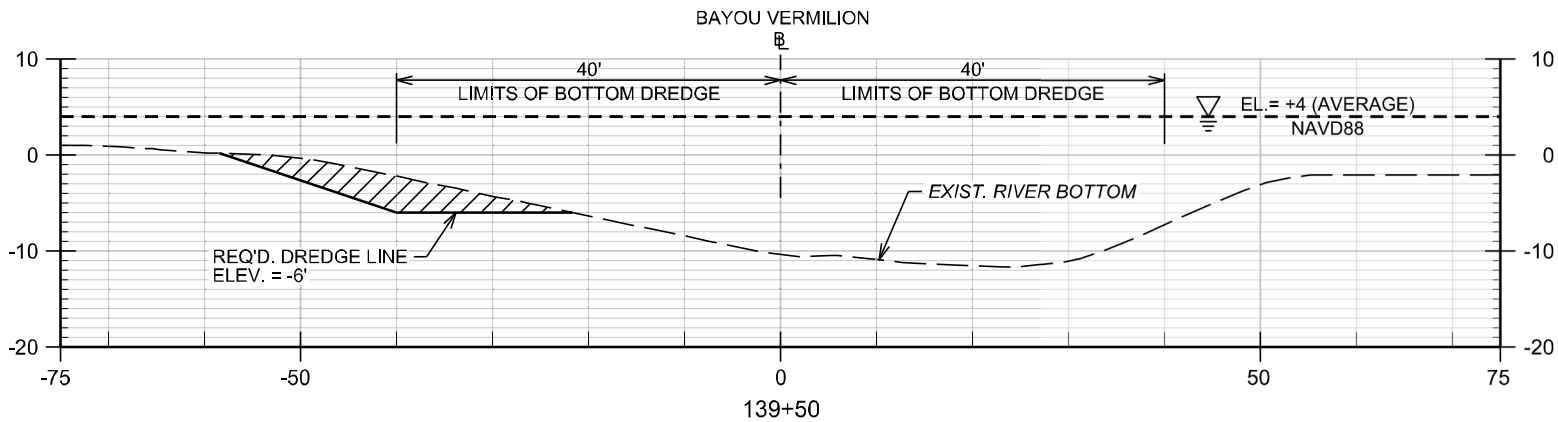
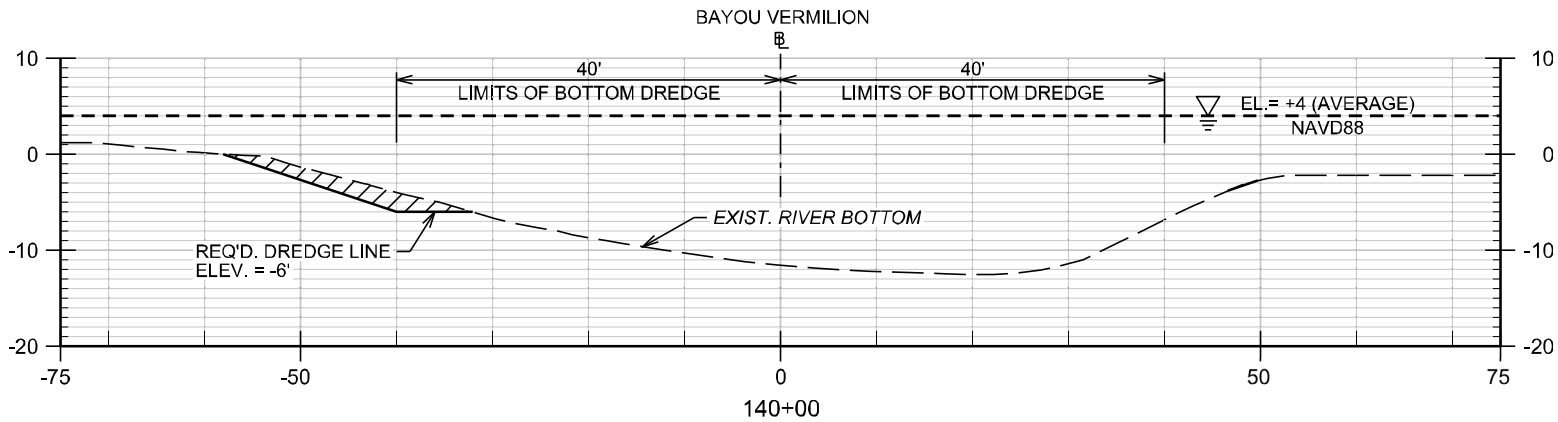
BAYOU VERMILION  
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 SECTION 51, T10S - R4E  
 LAFAYETTE PARISH, LOUISIANA  
 AUGUST 4, 2022



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**SHEET 31 OF 32**



**LEGEND**  
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