

JOINT PUBLIC NOTICE

March 30, 2020

United States Army
Corps of Engineers
New Orleans District
Attn: Regulatory Branch
7400 Leake Ave.
New Orleans, Louisiana 70118-3651

State of Louisiana
Department of Environmental Quality
Attn: Water Quality Certifications
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

Project Manager:
Johnny Duplantis
(504) 862-2548
Johnny.j.duplantis@usace.army.mil
Application #: MVN-2019-00401-WPP

Project Manager:
Elizabeth Hill
(225) 219-3225
WQC Application Number:
WQC 200220-02

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).

The application has also been mailed to the Louisiana Department of Environmental Quality, for a Water Quality Certification (WQC) in accordance with statutory authority contained in Louisiana Revised Statute 30:2074 A(3), and provisions of Section 401 of the Clean Water Act (P.L. 95-17).

FLOOD PROTECTION LEVEE CONSTRUCTION IN TERREBONNE PARISH

NAME OF APPLICANT: Terrebonne Levee and Construction District, c/o: GIS Engineering, L.L.C., 450 Laurel Street, Suite 1500, Baton Rouge, Louisiana 70363.

LOCATION OF WORK: Located in Terrebonne Parish, Section 55, Township 16S and Range 14W, located near Geraldine Road, in the community of Gibson, Louisiana, (lat. 29.662462, long. -90.993778), as shown within the attached drawings. (Hydrologic Unit Code 08090302, Terrebonne Basin Watershed)

CHARACTER OF WORK: An emergency permit authorization was issued by USACE, permit number MVN-2019-00401-WPP, for the construction of Reach 4 of the Bayou Black Levee Alignment. This emergency authorization for the Reach 4 alignment was requested from USACE on April 12th, 2019. Reach 4 ties the existing Reach 3 alignment directly to the Bayou Black Floodgate in Gibson, LA. The Reach 4 levee segment is currently under construction. Approximately 73,000 CY of dirt/material will be hauled in from offsite for the construction of the levee. The total length of the proposed levee is approximately 11,250 ft. The estimated acreage of direct impacts to wetlands is approximately 9.6 acres. If a Department of the Army permit is warranted, the applicant has proposed to mitigate any unavoidable wetlands impacts at an approved and acceptable mitigation bank within the N.O. District.

The comment period for the Department of the Army Permit and the Louisiana Department of Environmental Quality WQC will close **20 days** from the date of this joint 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 and/or this WQC request and must be submitted so as to be received before or by the last day of the comment period. Letters concerning the Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be forwarded to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH**. Individuals or parties may request an extension of time in which to comment on the proposed work by writing or e-mailing the Corps of Engineers Project Manager listed above. Any request 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 Section Chief will review the request and the requestor will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous to the initial comment period and, inclusive of the initial comment period, will not exceed a total of 30 calendar days. Letters concerning the Water Quality Certification must reference the applicant's name and the WQC Application number and be mailed to the Louisiana Department of Environmental Quality at the address above.

The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined during weekdays between 8:00 a.m. and 4:30 p.m. Copies may be obtained upon payment of costs of reproduction.

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.

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 possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. Copies of this public notice are being sent to the State Archeologist and State Historic Preservation Officer 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 South Louisiana **Standard Local Operating Procedure for Endangered Species (SLOPES)**, as signed on October 22, 2014, 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.

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 0.0 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 Department of Environmental Quality, before a Department of the Army permit is issued.

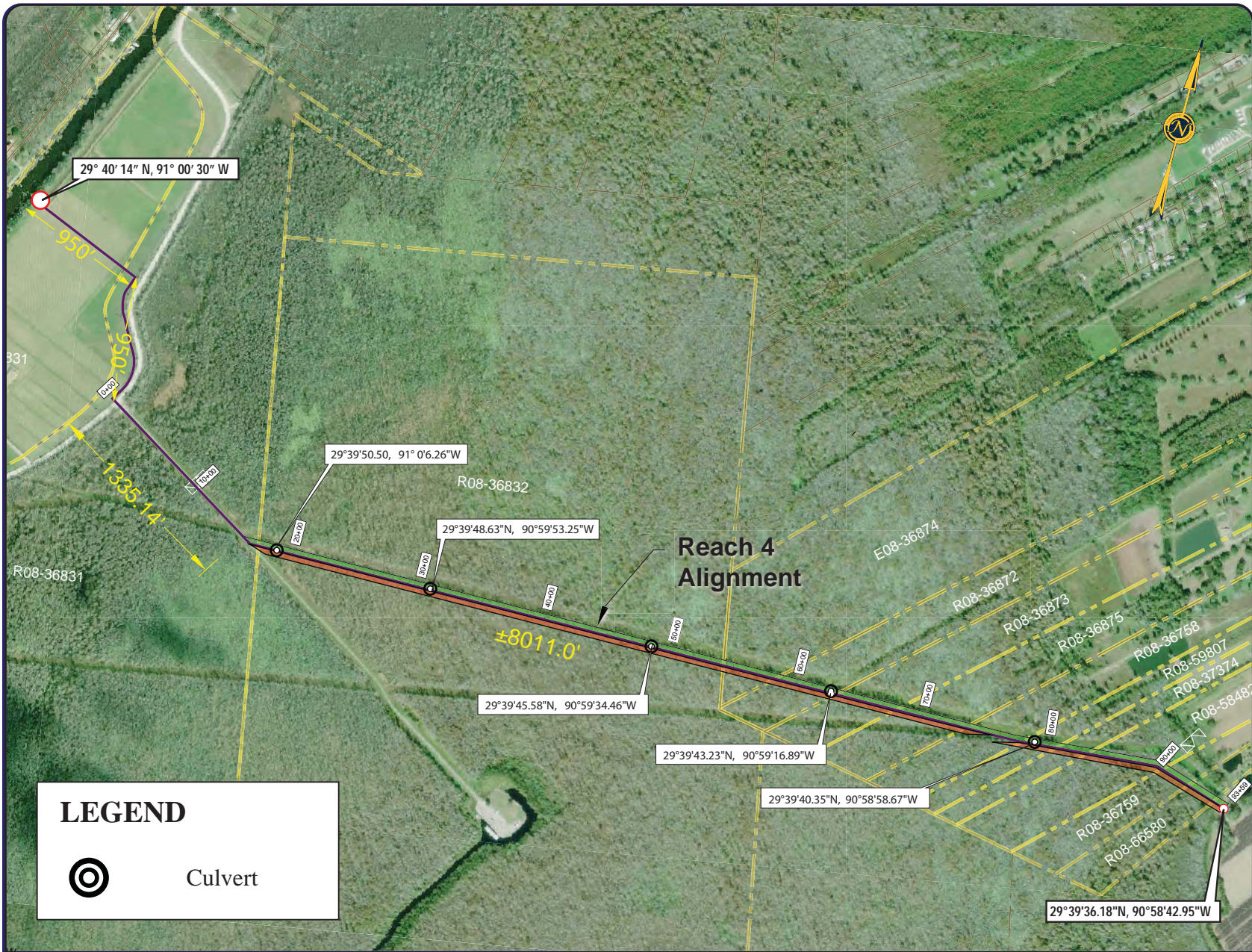
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

The applicant has certified that the proposed activity described in the application complies with and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. The Department of the Army permit will not be issued unless the applicant received approval or a waiver of the Coastal Use Permit by the Department of Natural Resources.

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 Section
Regulatory Branch

Enclosure



NOTE: THE IMAGE ABOVE IS A GENERAL REPRESENTATION OF THE WORK AREA, ACTUAL FIELD CONDITIONS MAY DIFFER.



1"=1,075'



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Coastal Design & Infrastructure
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Houma, LA 70363
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**TERREBONNE LEVEE
CONSERVATION DISTRICT
BAYOU BLACK REACH 4
EMERGENCY LEVEE ALIGNMENT**

**PROJECT LOCATION
PLAN VIEW**

| | |
|----------------|----------------|
| Project number | 39130-1087 |
| Date | APRIL 2016 |
| Designed by | DMM |
| Drawn by | JPT |
| Checked by | XXX |
| Checked by | XXX |
| Plot Date | April 16, 2019 |

02



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TERREBONNE LEVEE
CONSERVATION DISTRICT
BAYOU BLACK REACH 4
EMERGENCY LEVEE ALIGNMENT

REACH 4 PLAN VIEW

| | |
|----------------|----------------|
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03

AOI #1

AOI #2

Reach 4
Alignment

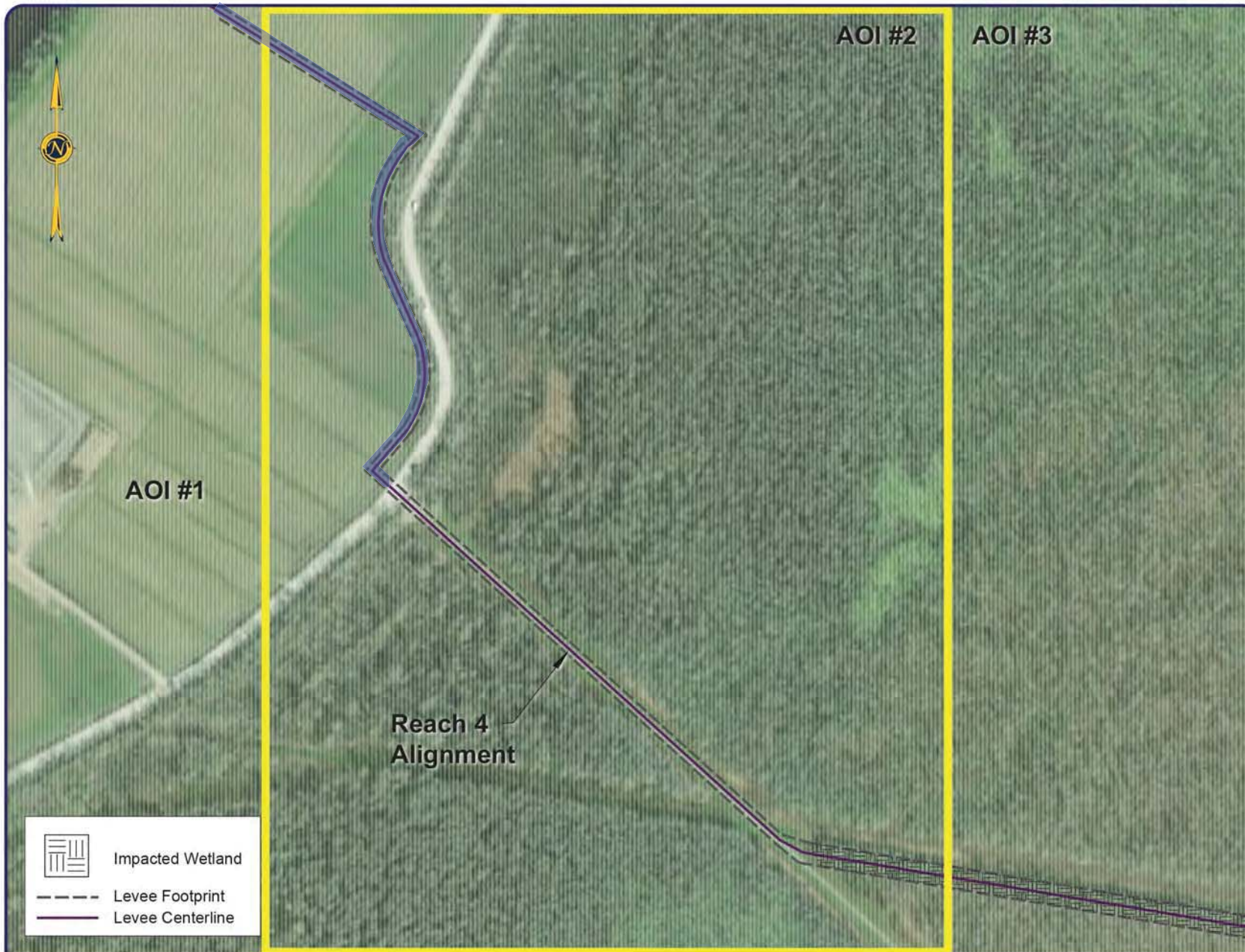
NOTES:
THE LAYOUT OF THIS SECTION OF THE LEVEE ALIGNMENT
(HIGHLIGHTED IN BLUE) HAS BEEN MODIFIED FOR USE AS AN ACCESS
ROAD FOR THE BAYOU BLACK PUMP STATION AND IS BEING
PERMITTED UNDER A SEPERATE PERMIT APPLICATION
LDNR PERMIT NUMBER P20190763
USACE PERMIT NUMBER MVN-2019-00839-CF

NOTE: THE IMAGE ABOVE IS A GENERAL REPRESENTATION OF THE WORK AREA. ACTUAL FIELD CONDITIONS MAY DIFFER.

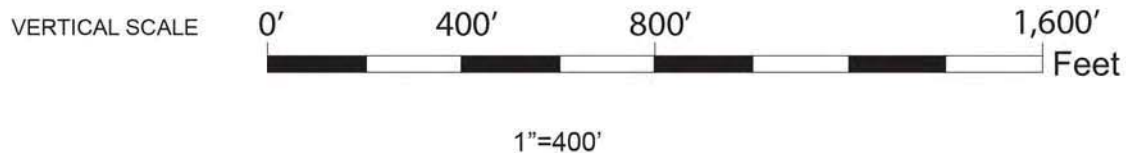
VERTICAL SCALE



1"=400'



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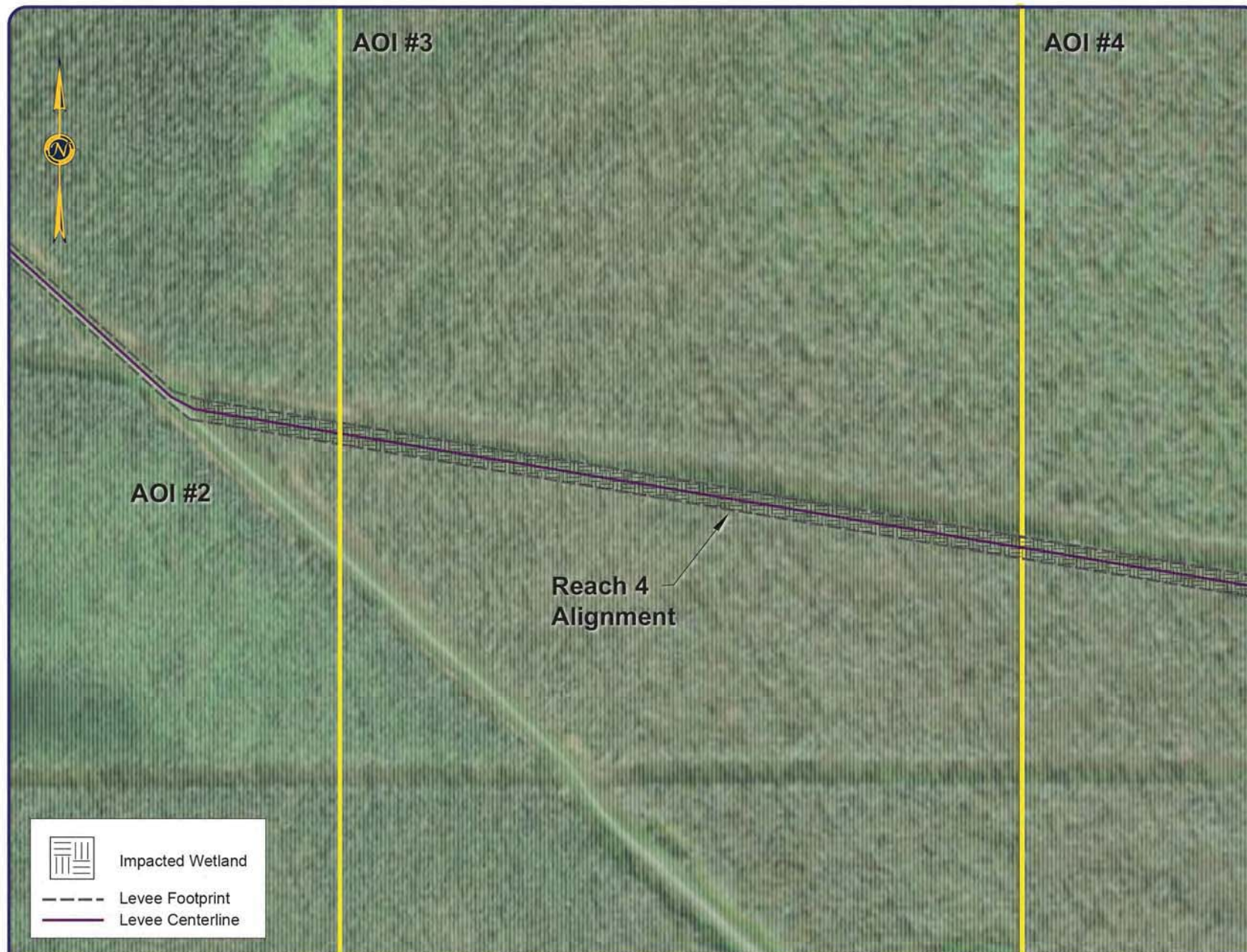


TERREBONNE LEVEE
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BAYOU BLACK REACH 4
EMERGENCY LEVEE ALIGNMENT

REACH 4 PLAN VIEW

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04



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TERREBONNE LEVEE
CONSERVATION DISTRICT
BAYOU BLACK REACH 4
EMERGENCY LEVEE ALIGNMENT

REACH 4 PLAN VIEW

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05



AOI #4

AOI #3

AOI #5

Reach 4
Alignment



Impacted Wetland



Levee Footprint



Levee Centerline

NOTE: THE IMAGE ABOVE IS A GENERAL REPRESENTATION OF THE WORK AREA. ACTUAL FIELD CONDITIONS MAY DIFFER.

VERTICAL SCALE

0'

400'

800'

1,600'

Feet

1"=400'



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TERREBONNE LEVEE
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REACH 4
PLAN VIEW

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06



AOI #5

AOI #4

AOI #6

Reach 4
Alignment



Impacted Wetland



Levee Footprint



Levee Centerline

NOTE: THE IMAGE ABOVE IS A GENERAL REPRESENTATION OF THE WORK AREA. ACTUAL FIELD CONDITIONS MAY DIFFER.

VERTICAL SCALE

0'

400'

800'

1,600'

Feet

1"=400'



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TERREBONNE LEVEE
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REACH 4
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07



AOI #5

AOI #6

Reach 4
Alignment



Impacted Wetland



Levee Footprint



Levee Centerline

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VERTICAL SCALE

0' 400' 800' 1,600' Feet

1"=400'



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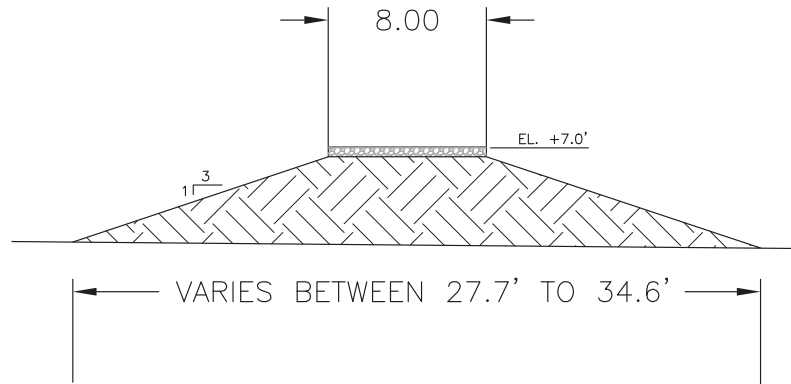
TERREBONNE LEVEE
CONSERVATION DISTRICT
BAYOU BLACK REACH 4
EMERGENCY LEVEE ALIGNMENT

REACH 4
PLAN VIEW

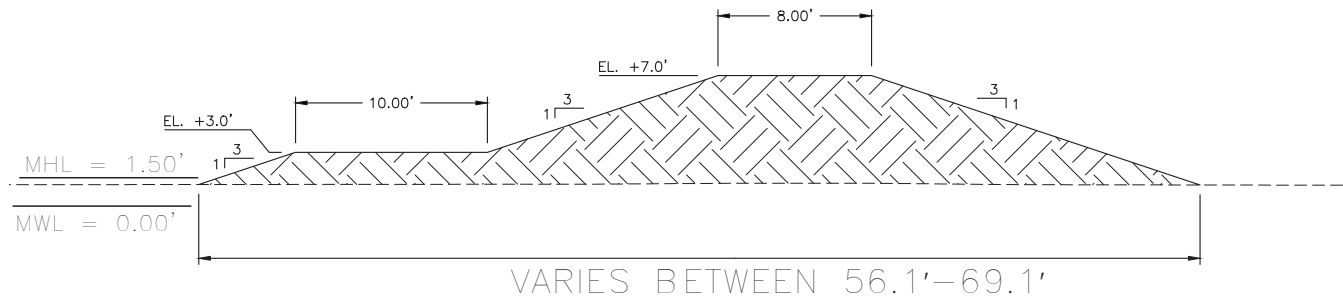
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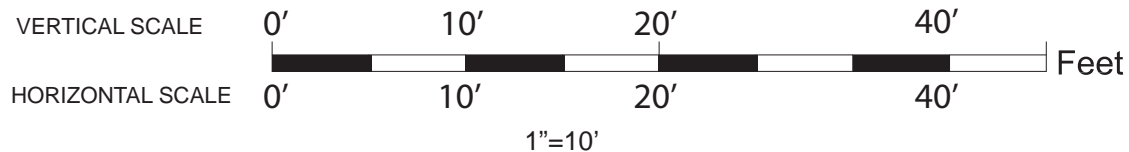
TYPICAL ROAD SECTION



TYPICAL LEVEE SECTION



OTE: THE IMAGE ABOVE IS A GENERAL REPRESENTATION OF THE WORK AREA, ACTUAL FIELD CONDITIONS MAY DIFFER.



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**TERREBONNE LEVEE
CONSERVATION DISTRICT
BAYOU BLACK REACH 4
EMERGENCY LEVEE ALIGNMENT**

TYPICAL LEVEE CROSS SECTION

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|----------------|----------------|
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| Checked by | XXX |
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09



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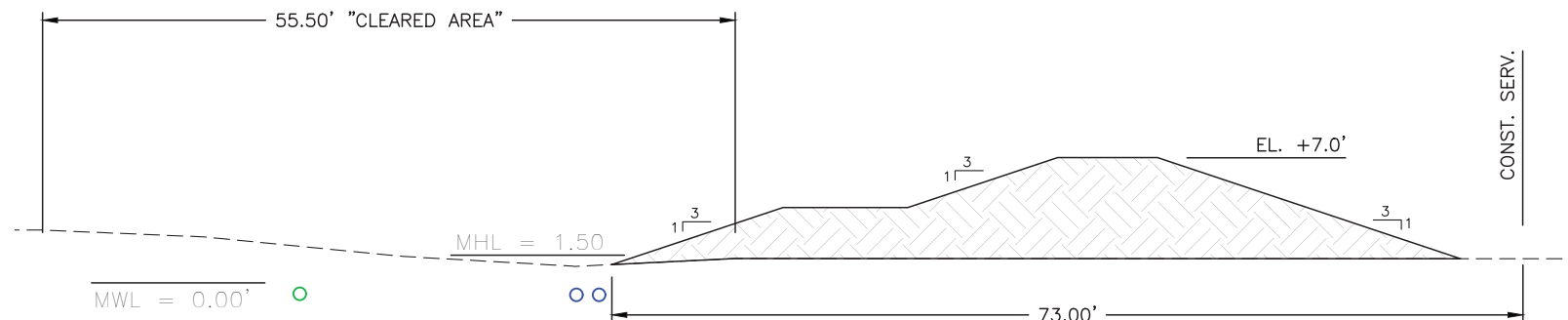
TERREBONNE LEVEE
CONSERVATION DISTRICT
BAYOU BLACK REACH 4
EMERGENCY LEVEE ALIGNMENT

LEVEE CROSS SECTIONS

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|----------------|----------------|
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10

30+49.64

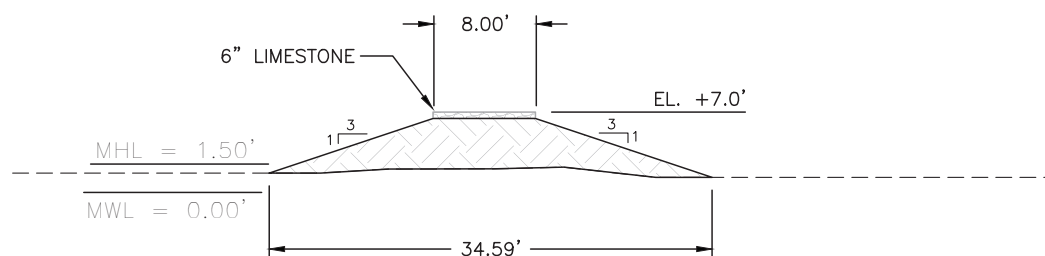


- MAGELLAN PIPELINE
- COLUMBIA GULF PIPELINE

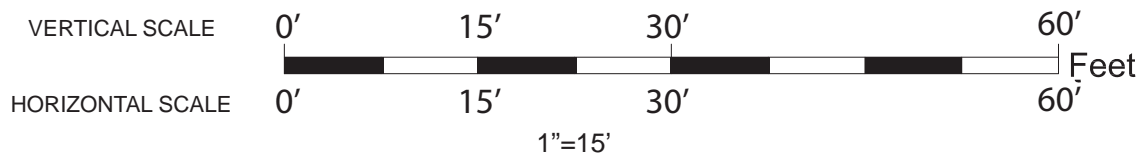


EARTHEN FILL

12+35.07



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**TERREBONNE LEVEE
CONSERVATION DISTRICT
BAYOU BLACK REACH 4
EMERGENCY LEVEE ALIGNMENT**

LEVEE CROSS SECTIONS

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|----------------|----------------|
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| Checked by | XXX |
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11

80+86.53

99.61' "CLEARED AREA"

EL. +7.0'

MHL = 1.50'

MWL = 0.00'

○ MAGELLAN PIPELINE
○ COLUMBIA GULF PIPELINE

MWL = 0.00'

MWL = 1.50'



EARTHEN FILL

63+33.78

58.34' "CLEARED AREA"

2 - 48" CULVERTS

EL. +7.0'

MHL = 1.50'

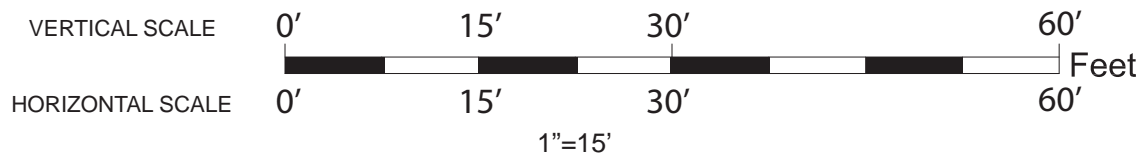
MWL = 0.00'

○ MAGELLAN PIPELINE
○ COLUMBIA GULF PIPELINE

69.30'

CONST. SERV.

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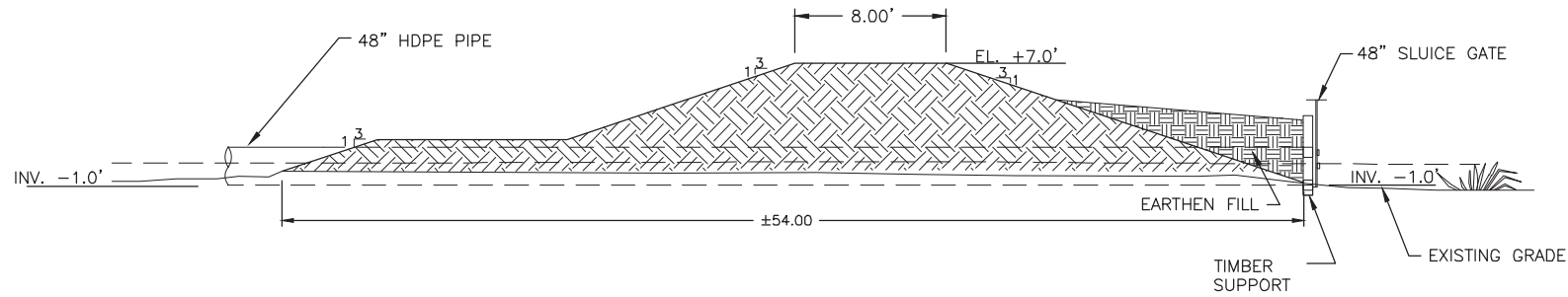


**TERREBONNE LEVEE
CONSERVATION DISTRICT
BAYOU BLACK REACH 4
EMERGENCY LEVEE ALIGNMENT**

TYPICAL CULVERT SECTION

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|----------------|------------|
| Project number | 39130-1087 |
| Date | APR, 2019 |
| Designed by | SDP |
| Drawn by | SDP |
| Checked by | SDP |
| Checked by | MM |
| Plot Date | APR 2019 |

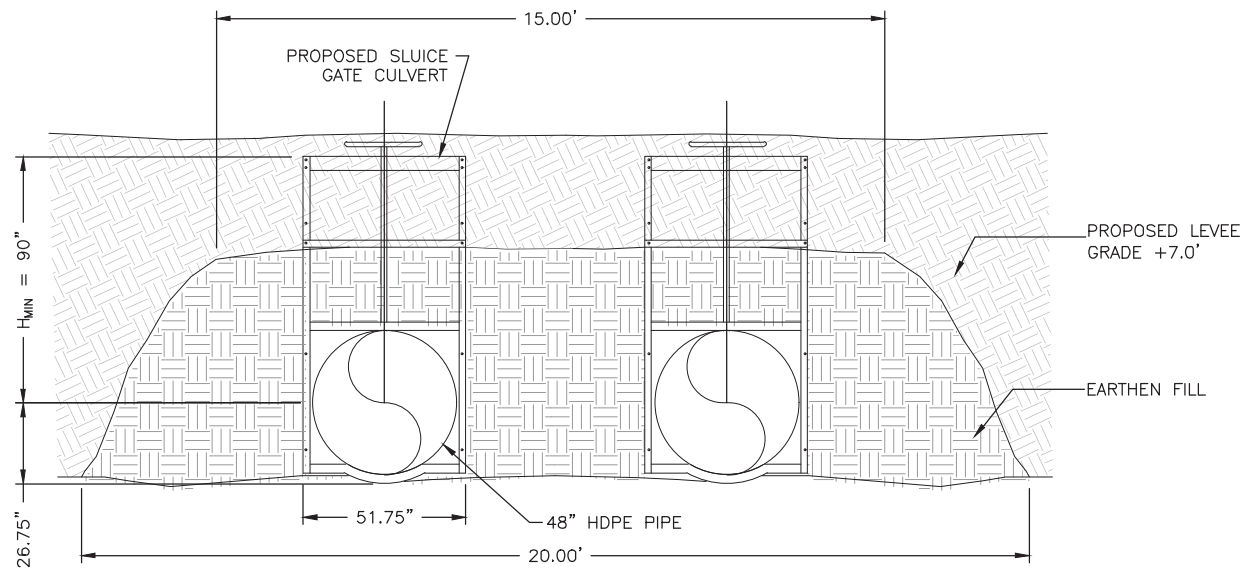
12



TYPICAL SLUICE GATE CULVERT PROFILE



NOTE: SLUICE GATE TO REMAIN OPEN DURING NORMAL TIDAL CONDITIONS TO ALLOW TIDAL EXCHANGE WITH THE ADJACENT WETLANDS. THE GATE WILL BE CLOSED DURING POTENTIAL FLOOD EVENTS.



**TYPICAL SLUICE GATE CULVERT DETAIL
NOT TO SCALE**

H_{MIN} WILL VARY AS REQUIRED.

