

JOINT PUBLIC NOTICE

July 29, 2013

United States Army
Corps of Engineers
New Orleans District
Regulatory Branch
Post Office Box 60267
New Orleans, Louisiana 70160-0267

(504) 862-2259
Project Manager
Scott N. Kennedy
scott.n.kennedy@usace.army.mil
Permit Application Number
MVN 2003-2331 EMM

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

(225) 219-3225
Project Manager
Jamie Phillippe
WQC Application Number
WQC JP 030408-01

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).

Application has also been made to the Louisiana Department of Environmental Quality, Water Quality Certifications, for a Water Quality Certification (WQC) in accordance with statutory authority contained in LRS 30:2074 A(3) and provisions of Section 401 of the Clean Water Act.

DREDGE THE OSTRICA CANAL IN PLAQUEMINES PARISH

NAME OF APPLICANT: Louisiana Department of Transportation & Development, 7252 Lakeshore Drive, New Orleans, Louisiana 70124.

LOCATION OF WORK: In the Ostrica Canal, near the Mississippi River, LDB, Mile 25.1, near Buras, Louisiana, in Plaquemines Parish, as shown on the attached drawings.

HUC: 08090203 Eastern Louisiana Coastal

CHARACTER OF WORK: Dredge approximately 175,000 cubic yards of native material and deposit the fill along the canal in beneficial use locations, near Buras, Louisiana. Approximately 12.6 acres of non-vegetated water bottoms would be temporarily impacted. No compensatory mitigation has been proposed.

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 mailed 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 mailed to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH**. Similar 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. 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.

The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined 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.

No properties listed on the National Register of Historic Places are near the proposed work. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. Copies of this notice are being sent to the State Archeologist and the State Historic Preservation Officer.

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.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal would result in the destruction or alteration of up to 12.6 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 water quality standards will be required from the Department of Environmental Quality, Water Quality Certifications, before a 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 requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

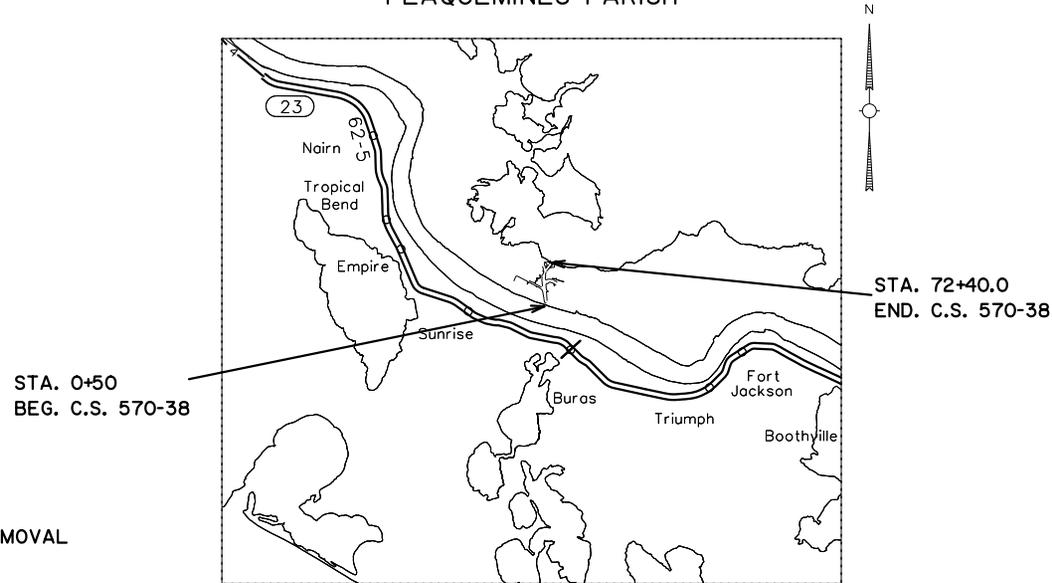
Michael Farabee
Chief, Eastern Evaluation Section

Enclosures

STANDARD PLANS
DESCRIPTION REVISION DATE

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION
PLANS OF PROPOSED
STATE HIGHWAY

STATE PROJECT NO. H.010484
 CONTROL SECTION 570-38
EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL
 PLAQUEMINES PARISH



TYPE OF CONSTRUCTION:
 EMERGENCY DREDGING AND DEBRIS REMOVAL

RECOMMENDED FOR APPROVAL

| NO. | DATE | REVISION DESCRIPTION | DATE | RECOMMENDED | DATE | APPROVED |
|-----|------|----------------------|------|-------------|------|----------|
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SCHEDULE OF REVISIONS

NOTE:
 THE 2006 LOUISIANA DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES,
 AS AMENDED BY THE PROJECT SPECIFICATIONS, SHALL GOVERN ON THIS PROJECT.

 ASSISTANT DISTRICT 02 ADMINISTRATOR-ENGINEERING DATE

 DISTRICT 02 ADMINISTRATOR DATE

 CHIEF ENGINEER DATE

| | | | | | | | |
|--------------------|---|---|------|----------------------|-----------------|-------------|-------------|
| DISTRICT 02 DESIGN |  | EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL | | DESIGNED CHECKED | PARISH | PLAQUEMINES | SHEET NO. 1 |
| | | TITLE SHEET | | DETAILED CHECKED | CONTROL SECTION | 570-38 | |
| | | NO. | DATE | REVISION DESCRIPTION | DATE | BY | |

INDEX TO SHEETS

| SHEET NO. | DESCRIPTION |
|-----------|--------------------------------|
| 1 - 1a | TITLE SHEET & INDEX SHEET |
| 2 - | GENERAL NOTES |
| 3 - | SUMMARY SHEETS |
| 4 - 8 | TYPICAL SECTION SHEETS |
| 9 - 11 | PLAN VIEW SHEETS |
| 12 - 13 | PLAN AND PROFILE SHEETS |
| 14 - 16 | DREDGE LOCATION SHEETS |
| 17 | RIGHT OF WAY MAP |
| 18 - 19 | BENEFICIAL USE SPOIL LOCATIONS |
| 20 - 23 | BENEFICIAL USE TYPICAL SECTION |

LOCATION DESCRIPTION

THE PROJECT BEGINS NEAR THE MISSISSIPPI RIVER AT STA. 0+50 AND PROCEEDS NORTH THROUGH THE OSTRICA LOCKS TO STA 72+40 NEAR QUARANTINE BAY.

SCOPE OF PROJECT

THE SCOPE OF THIS PROJECT WILL BE TO PERFORM EMERGENCY DREDGING TO EL. -12.0 FROM STA 0+50 NEAR THE MISSISSIPPI RIVER THROUGH THE OSTRICA LOCK TO STA 72+40 NEAR QUARANTINE BAY.

TOTAL SHEETS 24

LENGTH OF PROJECT

| DESCRIPTION | GROSS LENGTH | EXCEPTION | BRIDGE LENGTH | | CHANNEL LENGTH | |
|-------------------------|--------------|-----------|---------------|-------|----------------|-------|
| | | | FEET | MILES | FEET | MILES |
| STA. TO STA. | FEET | FEET | FEET | MILES | FEET | MILES |
| 0+50 TO 72+40 | | | | | 7190 | 1.36 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| TOTAL LENGTH OF BRIDGES | | | | | | |
| TOTAL LENGTH OF CHANNEL | | | | | 7190 | 1.36 |
| TOTAL MILES | | | | | 1.36 | |

| | | | | | | | | | | |
|--------------------|---|--|------|----------------------|----|------------------|--|-----------------|-------------|--------------|
| DISTRICT 02 DESIGN |  | EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL | | | | DESIGNED CHECKED | | PARISH | PLAQUEMINES | SHEET NO. 10 |
| | | | | | | DETAILED CHECKED | | CONTROL SECTION | 570-38 | |
| | | | | | | DATE SHEET | | STATE PROJECT | H.010484 | |
| | | | | | | | | | | |
| | INDEX SHEET | NO. | DATE | REVISION DESCRIPTION | BY | | | | | |

GENERAL CONSTRUCTION NOTES

NOTES:

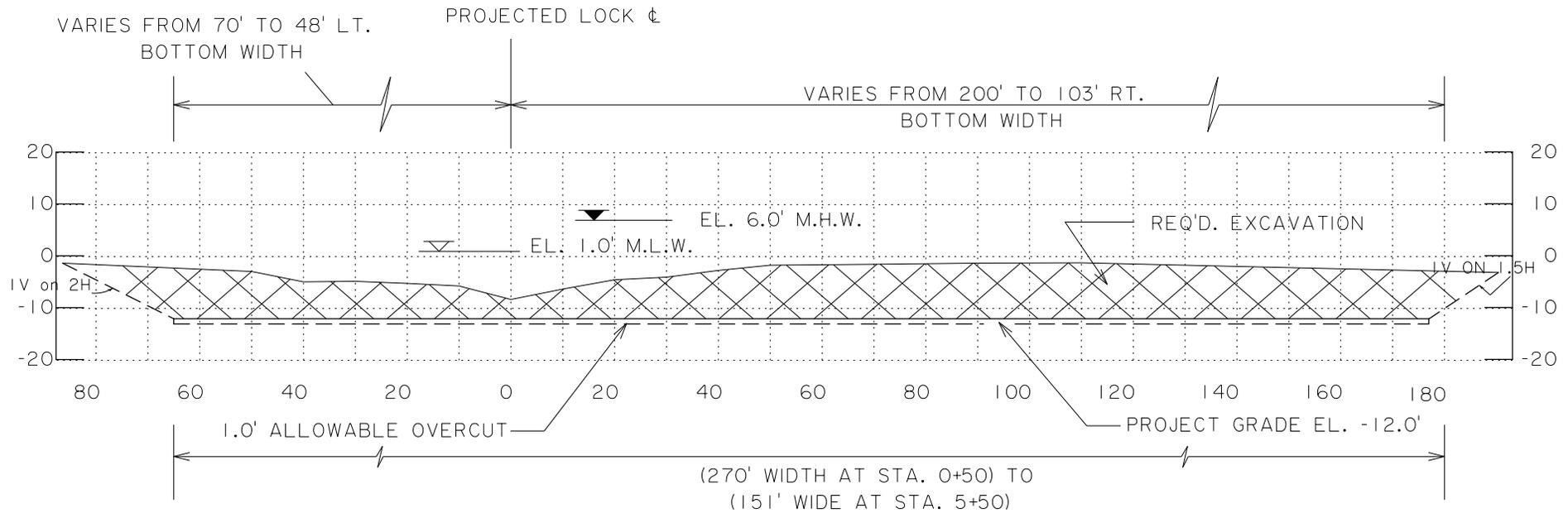
1. ALL MATERIAL EXCAVATED SHALL BE BY HYDRAULIC TYPE DREDGE AND DISPOSED OF IN SPOIL LOCATIONS 1, 2, 3, AND 4, AND ANY OVERBURDEN MATERIAL EXCEEDING BENEFICIAL USE WILL BE DEPOSITED IN THE MISSISSIPPI RIVER BEYOND THE -55 FT. CONTOUR AS PERMITTED.
2. ELEVATIONS OF EXCAVATION MATERIAL ARE TAKEN FROM RANDOM CROSS SECTIONS. EXACT ELEVATIONS SHALL BE DETERMINED BY THE CONTRACTOR'S SURVEYOR WORK (ITEM NS-MNT-90001).
3. ALL EXCAVATION SHALL BE PAID UNDER ITEM NS-MNT-90000.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT, SURVEY WORK, ESTABLISHING ALL LINES AND GRADES, AND STAKING OUT ALL WORK ON THIS PROJECT, INCLUDING ESTABLISHING SUFFICIENT VERTICAL AND HORIZONTAL CONTROL POINTS IN ACCORDANCE WITH THESE SPECIFICATIONS, PLANS AND AS DIRECTED BY THE PROJECT ENGINEER, TO BE PAID FOR UNDER ITEM NS-MNT-90001.
5. THE CONTRACTOR SHALL BE PAID FOR MATERIAL DREDGED WITHIN THE TEMPLATE AND THE 1.0' ALLOWABLE OVERCUT (MATERIAL BETWEEN THE TEMPLATE AND ALLOWABLE OVERCUT HAS BEEN INCLUDED IN THE SUMMARY OF ESTIMATED QUANTITIES). THE CONTRACTOR SHALL NOT BE PAID FOR ANY MATERIAL DREDGED OUTSIDE OF THE TEMPLATE.
6. THE DEPARTMENT SHALL PROVIDE THE CONTACTOR WITH A TEMPORARY BENCH MARK ON THE OSTRICA LOCK STRUCTURE UPON REQUEST PRIOR TO CONSTRUCTION.
7. THE CONTRACTOR IS REQUIRED TO CONTACT AND COORDINATE WORK WITH ALL UTILITIES LOCATED IN PROJECT AREA. CONTRACTOR SHALL PROVIDE NOTICE TO UTILITY COMPANIES PRIOR TO BEGINNING WORK. ANY DAMAGE DONE TO UTILITIES SHALL BE REPAIRED AT NO COST TO THE DEPARTMENT. UTILITY LOCATIONS ARE APPROXIMATE, CONTRACTOR IS REQUIRED TO CONTACT UTILITY COMPANIES FOR EXACT LOCATIONS PROR TO BEGINING WORK. THE CONTRACTOR IS REQUIRED TO CONTACT LOUISIANA ONE CALL TO VERIFY UTILITIES SHOWN ON PLANS.
8. ALL CONSTRUCTION EQUIPMENT, FLOATING PLANT, AND PIPE LINES MUST BE IN COMPLIANCE WITH ALL NAVIGATION RULES AND REGULATIONS. THE CONTRACTOR SHALL DISPLAY SIGNAL LIGHTS, MARKERS, ETC., AND CONDUCT OPERATIONS IN ACCORDANCE WITH THE GENERAL REGULATIONS OF THE DEPARTMENT OF ARMY AND THE COAST GUARD.
9. THE CONTRACTOR IS REQUIRED TO ALLOW MARINE TRAFFIC THROUGH THE CONSTRUCTION SITE DAILY BETWEEN THE FOLLOWING HOURS: 2:00 A.M. - 4:00 A.M., 10:00 A.M. - NOON, AND 6:00 P.M. - 8:00 P.M. ALL CONSTRUCTION EQUIPMENT SHALL BE LOCATED TO ALLOW MARINE TRAFFIC THROUGH OSTRICA CANAL AND OSTRICA LOCKS AND TO ALLOW OPERATION OF THE LOCKS.

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|--------------------------|---|--|------|----------------------|----|------------------|--|-----------------|--------------------|--------------------------|
| DISTRICT 02 DESIGN |  | EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL | | | | DESIGNED CHECKED | | PARISH | PLAQUEMINES | SHEET NO. 2 |
| | | | | | | DETAILED CHECKED | | CONTROL SECTION | 570-38 | |
| | | GENERAL NOTES | | | | DATE SHEET | | STATE PROJECT | H.010484 | |
| | | NO. | DATE | REVISION DESCRIPTION | BY | | | | | |

| SUMMARY OF ESTIMATED QUANTITIES | | | |
|---------------------------------|--------------|----------|------------|
| ITEM NO. | ITEM | UNIT | QUANTITIES |
| 727-01-00100 | MOBILIZATION | LUMP SUM | LUMP |
| NS-MNT-90000 | EXCAVATION | CU YD | 175,000 |
| NS-MNT-90001 | SURVEY WORK | LUMP SUM | LUMP |

- * QUANTITY INCLUDES 1 FOOT OVERCUT
- ** EXCAVATION QUANTITY FOR INFORMATIONAL AND BIDDING PURPOSES ONLY
- *** EXACT EXCAVATION QUANTITY TO BE DETERMINED BY SURVEY WORK (NS-MNT-90001)

| | | | | | | | | | |
|--------------------|---|---|------|----------------------|-----------------|-------------|-------------|---------------|----------|
| DISTRICT 02 DESIGN |  | EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL | | DESIGNED CHECKED | PARISH | PLAQUEMINES | SHEET NO. 3 | | |
| | | SUMMARY SHEET | | DETAILED CHECKED | CONTROL SECTION | 570-38 | | | |
| | | NO. | DATE | REVISION DESCRIPTION | BY | DATE SHEET | | STATE PROJECT | H.010484 |
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NOT TO SCALE

TYPICAL SECTION RIVER FOREBAY

STA. 0+50 (-13' RIVER CONTOUR) TO STA. 5+50 (BEGIN BOAT CHANNEL)
(SECTION ORIENTATION LOOKING NORTH)

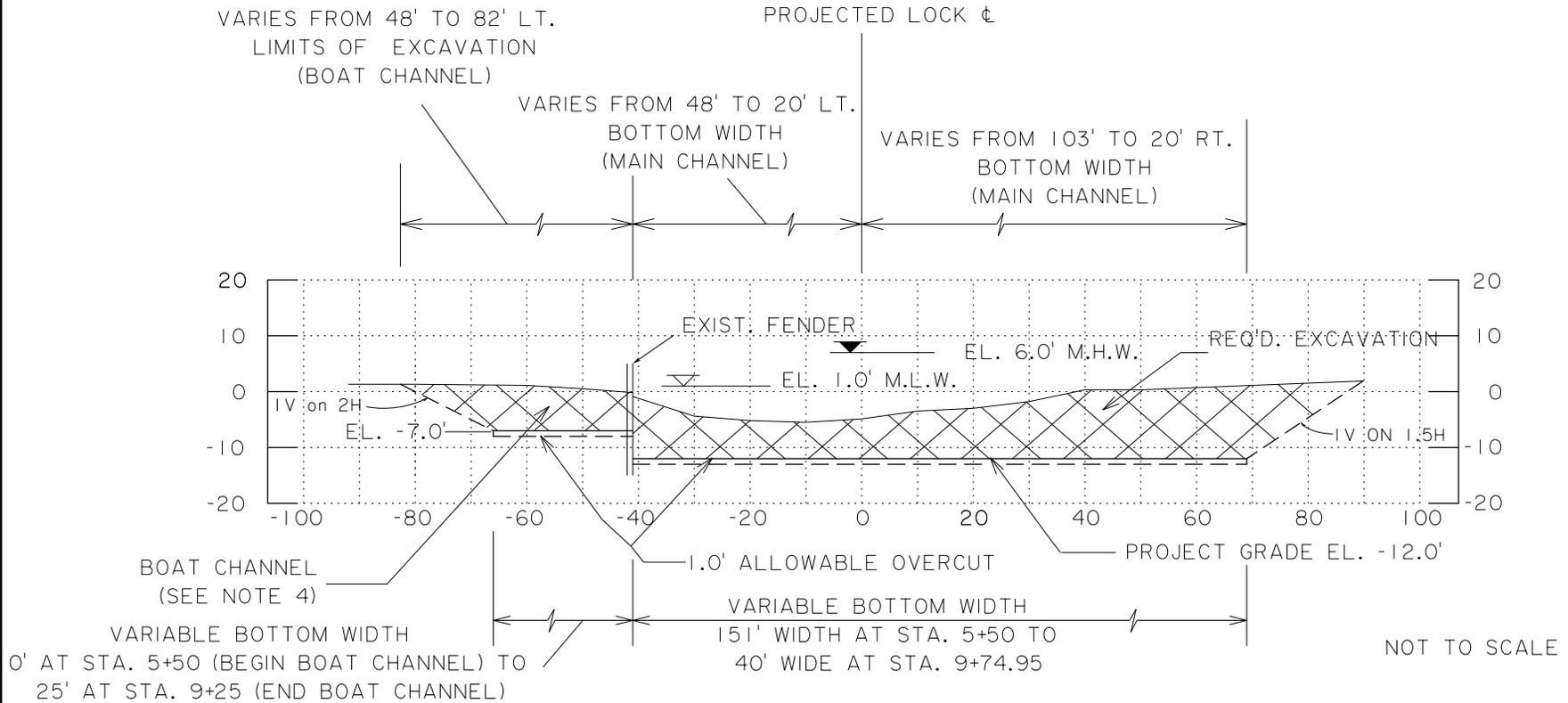


LIMITS OF EXCAVATION

FOR INFORMATIONAL PURPOSES ONLY

REQ'D EXCAVATION, EXACT ELEVATIONS/EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR'S SURVEY WORK (NS-MNT-90001)

| | | | | | | | | | |
|--------------------|--|--|------|----------------------|------------------|-----------------|---------------|-------------|----------|
| DISTRICT 02 DESIGN | | EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL | | | DESIGNED CHECKED | PARISH | PLAQUEMINES | SHEET NO. 4 | |
| | | TYPICAL SECTION | | | DETAILED CHECKED | CONTROL SECTION | 570-38 | | |
| | | NO. | DATE | REVISION DESCRIPTION | BY | DATE SHEET | STATE PROJECT | | H.010484 |
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TYPICAL SECTION RIVER FOREBAY & BOAT CHANNEL

STA. 5+50 (BEGIN BOAT CHANNEL) TO STA. 9+74.95 (BEGIN LOCK)
 (SECTION ORIENTATION LOOKING NORTH)

TYPICAL SECTION TAKEN AT STA. 7+25



LIMITS OF EXCAVATION

NOTES: 1) ALL ELEVATIONS ARE NGVD 29.

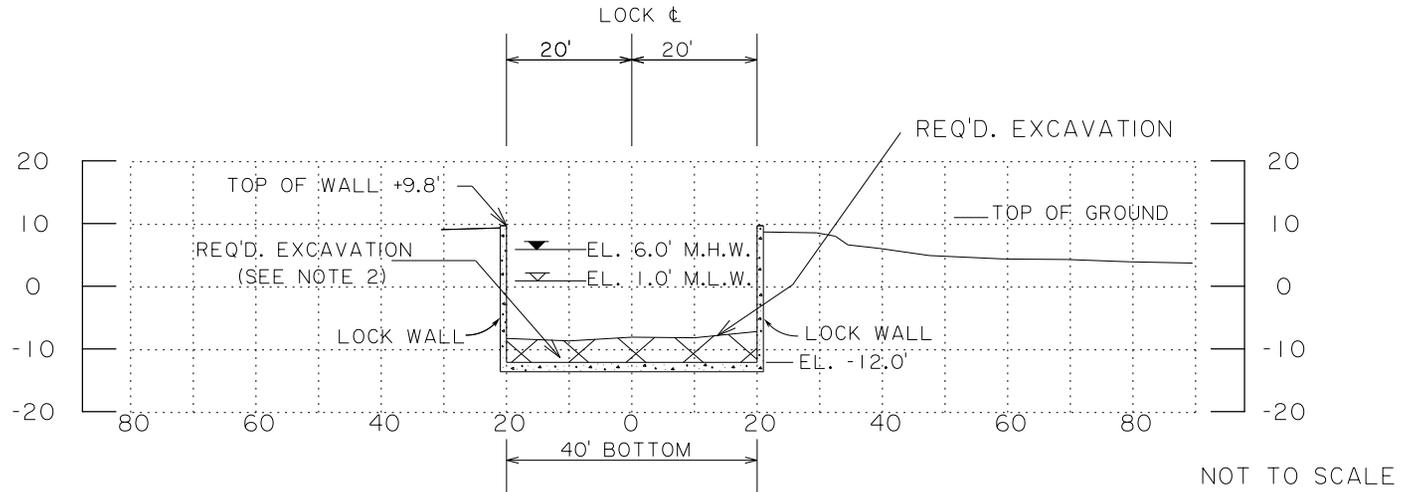
2) THE DREDGED MATERIAL TO BE DEPOSITED IN SPOIL DISPOSAL AREAS 1,2,3, AND 4, OVERBURDEN MATERIAL EXCEEDING BENEFICIAL USE TO BE DEPOSITED BEYOND THE -55 FT CONTOUR IN THE MISSISSIPPI RIVER.

3) REQ'D EXCAVATION, EXACT ELEVATIONS/EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR'S SURVEY WORK (NS-MNT-90001)

4) BOAT CHANNEL EXTEND FROM STA. 5+50 TO STA. 9+25.

FOR INFORMATIONAL PURPOSES ONLY

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|--------------------|---|--|------|----------------------|----|-----------------|---------------|---------|----------|
| DISTRICT 02 DESIGN |  | EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL | | DESIGNED | | PARISH | PLAQUEMINES | SHEET 5 | |
| | | TYPICAL SECTION | | DETAILED | | CONTROL SECTION | 570-38 | | |
| | | NO. | DATE | REVISION DESCRIPTION | BY | DATE SHEET | STATE PROJECT | | H.010484 |
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TYPICAL SECTION OSTRICA LOCK CHAMBER

STA. 9+74.95 (BEGIN LOCK CHAMBER) TO STA. 13+52 (END LOCK CHAMBER)
 (SECTION ORIENTATION LOOKING NORTH)
 TYPICAL SECTION TAKEN AT STA. 11+64

 LIMITS OF EXCAVATION

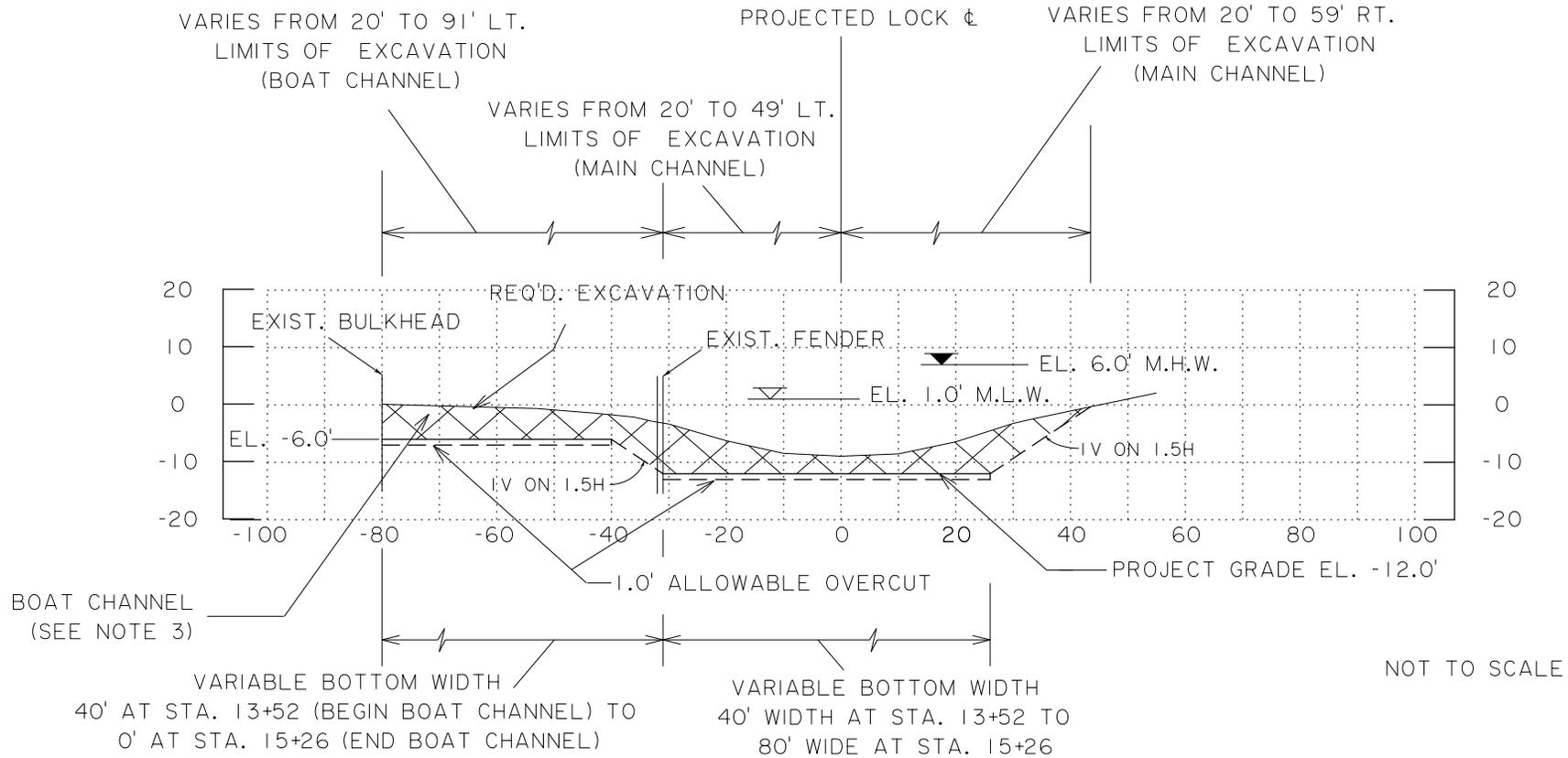
NOTES: 1) ALL ELEVATIONS ARE NGVD 29.

FOR INFORMATIONAL PURPOSES ONLY

2) THE DREDGED MATERIAL TO BE DEPOSITED IN SPOIL DISPOSAL AREAS 1,2,3, AND 4, OVERBURDEN MATERIAL EXCEEDING BENEFICIAL USE TO BE DEPOSITED BEYOND THE -55 FT CONTOUR IN THE MISSISSIPPI RIVER.

3) REQ'D EXCAVATION, EXACT ELEVATIONS/EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR'S SURVEY WORK (NS-MNT-90001)

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|---|--|------|----------------------|------------------|-----------------|-------------|----------------|
|  | EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL | | | DESIGNED CHECKED | PARISH | PLAQUEMINES | SHEET NO. 6 |
| | TYPICAL SECTION | | | DETAILED CHECKED | CONTROL SECTION | 570-38 | |
| | NO. | DATE | REVISION DESCRIPTION | DATE SHEET | STATE PROJECT | H.010484 | |
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TYPICAL SECTION BAY END & BOAT CHANNEL

STA. 13+52 (END LOCK CHAMBER & BEGIN BOAT CHANNEL) TO STA. 15+26 (END BOAT CHANNEL)

(SECTION ORIENTATION LOOKING NORTH)

TYPICAL SECTION TAKEN AT STA. 14+00



LIMITS OF EXCAVATION

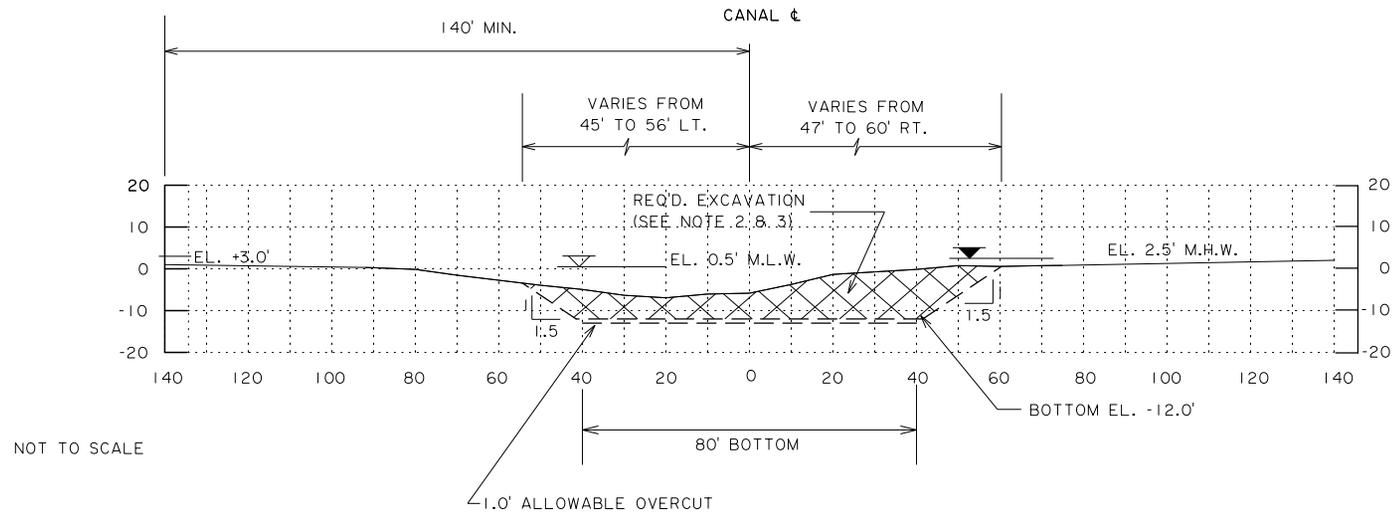
NOTES: 1) ALL ELEVATIONS ARE NGVD 29.

FOR INFORMATIONAL PURPOSES ONLY

2) THE DREDGED MATERIAL TO BE DEPOSITED IN SPOIL DISPOSAL AREAS 1,2,3, AND 4, OVERBURDEN MATERIAL EXCEEDING BENEFICIAL USE TO BE DEPOSITED BEYOND THE -55 FT CONTOUR IN THE MISSISSIPPI RIVER.

3) REQ'D EXCAVATION, EXACT ELEVATIONS/EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR'S SURVEY WORK (NS-MNT-90001)

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| DISTRICT 02 DESIGN | | EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL | | | DESIGNED CHECKED | PARISH | PLAQUEMINES | SHEET NO. 7 | |
| | | TYPICAL SECTION | | | DETAILED CHECKED | CONTROL SECTION | 570-38 | | |
| | | NO. | DATE | REVISION DESCRIPTION | BY | DATE SHEET | STATE PROJECT | | H.010484 |
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TYPICAL SECTION OSTRICA CANAL

STA. 15+26 (END BOAT CHANNEL) TO STA. 72+40 (END OF WORK)
 (SECTION ORIENTATION LOOKING NORTH)

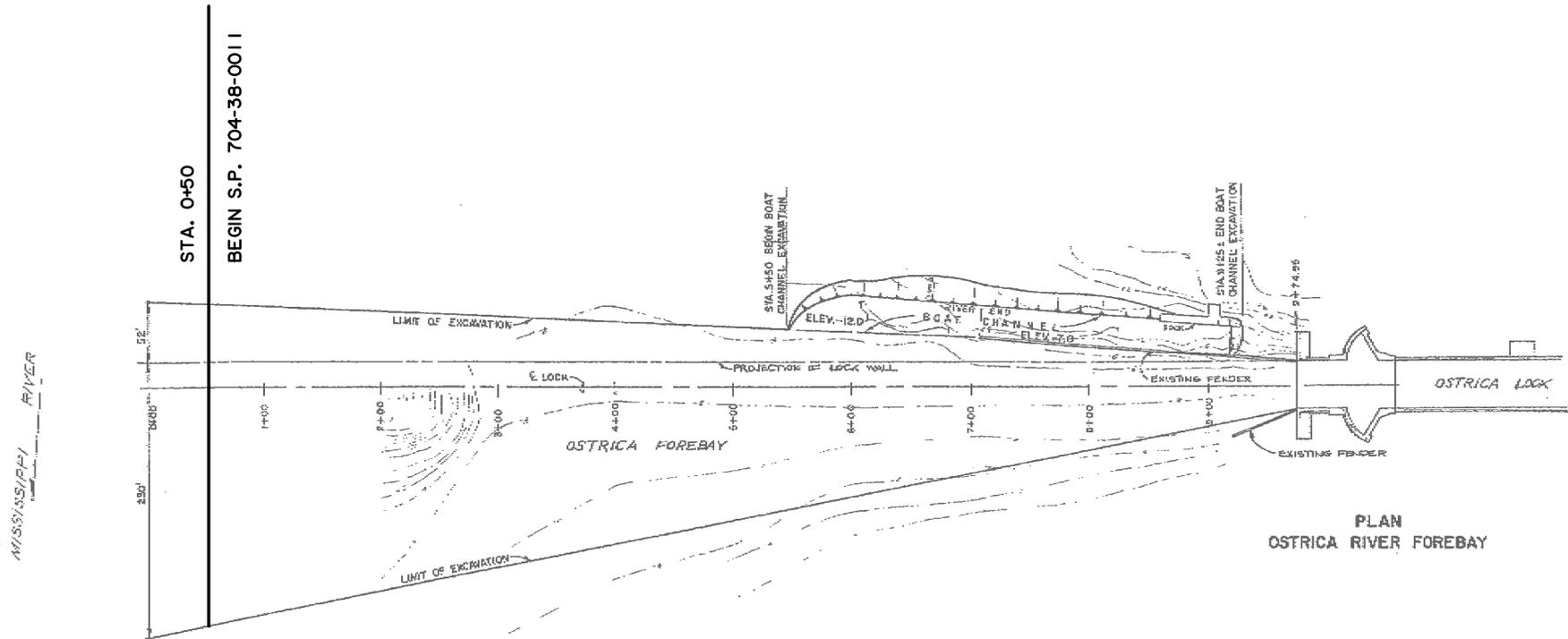
 LIMITS OF EXCAVATION

NOTES: 1) ALL ELEVATIONS ARE NGVD 29.

FOR INFORMATIONAL PURPOSES ONLY

- 2) THE DREDGED MATERIAL TO BE DEPOSITED IN SPOIL DISPOSAL AREAS 1,2,3, AND 4, OVERBURDEN MATERIAL EXCEEDING BENEFICIAL USE TO BE DEPOSITED BEYOND THE -55 FT CONTOUR IN THE MISSISSIPPI RIVER.
- 3) REQ'D EXCAVATION, EXACT ELEVATIONS/EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR'S SURVEY WORK (NS-MNT-90001)
- 4) THE PLACEMENT OF DREDGED MATERIAL IS PROHIBITED WITHIN 1,500 FEET OF ANY OYSTER LEASE.

| | | | | | | | | | | |
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| DISTRICT 02 DESIGN |  | EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL | | | | DESIGNED | | PARISH | PLAQUEMINES | SHEET 8 |
| | | TYPICAL SECTION | | | | CHECKED | | CONTROL SECTION | 570-38 | |
| | | | | | | DATE | | STATE PROJECT | H.010484 | |
| | | | | | | NO. | DATE | REVISION DESCRIPTION | BY | |



PLAN
OSTRICA RIVER FOREBAY

NOTE: SEE PAGE 17 FOR RIGHT OF WAY MAP.
RIGHT OF WAY CONSISTS OF THE ENTIRE
SECTION 53 OF TOWNSHIP 19 SOUTH
RANGE 17 EAST. IT IS APPROXIMATELY
1000 FEET WIDE.

NOT TO SCALE
FOR INFORMATIONAL PURPOSES ONLY



**EMERGENCY DREDGING OF OSTRICA
LOCKS & CANAL**

PLAN VIEW

| NO. | DATE | REVISION DESCRIPTION | BY |
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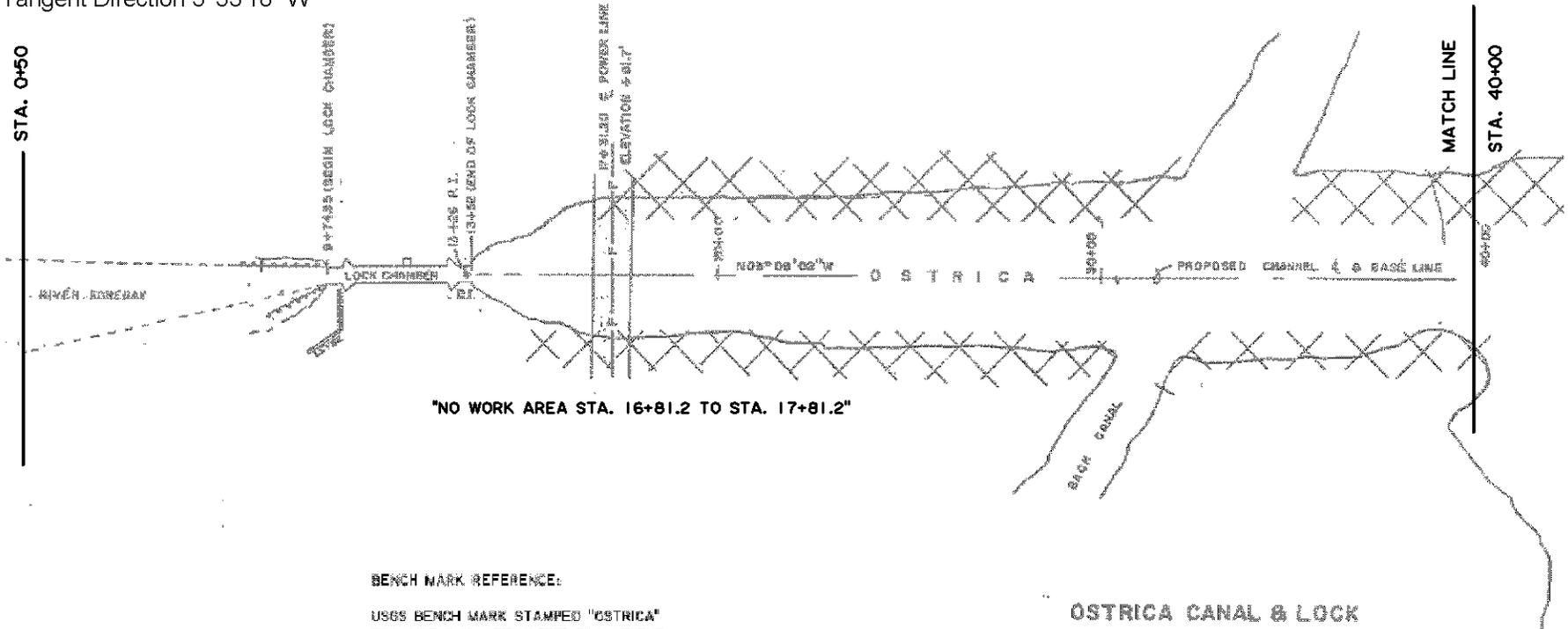
| | | |
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| DESIGNED CHECKED | PARISH | PLAQUEMINES |
| DETAILED CHECKED | CONTROL SECTION | 570-38 |
| DATE SHEET | STATE PROJECT | H.010484 |

SHEET
NO. **9**

POB STA. 0+00.00 Northing 318999.69 Easting 3855458.40

PC STA. 47+69.47 Northing 323744.00 Easting 3854969.11

Tangent Direction 5°53'18" W



BENCH MARK REFERENCE:
 USGS BENCH MARK STAMPED "OSTRICA"
 BRONZE DISK SET IN THE TOP OF THE
 CONCRETE WALL OF THE LOCK CHAMBER
 LOCATED AT OSTRICA, LA ON THE UPRIVER
 BAY SIDE OF THE LOCK, 3.54' WEST OF THE
 WEST EDGE OF THE LOCK WALL AT STA. 13+16.87
 ELEVATION +9.82'
 NORTHING 326310.01 EASTING 3855307.3

**OSTRICA CANAL & LOCK
 PLAN**

NOT TO SCALE

NOTE: SEE PAGE 17 FOR RIGHT OF WAY MAP. RIGHT OF WAY CONSISTS OF THE ENTIRE SECTION 53 OF TOWNSHIP 19 SOUTH RANGE 17 EAST. IT IS APPROXIMATELY 1000 FEET WIDE.

FOR INFORMATIONAL PURPOSES ONLY



**EMERGENCY DREDGING OF OSTRICA
 LOCKS & CANAL**

PLAN VIEW

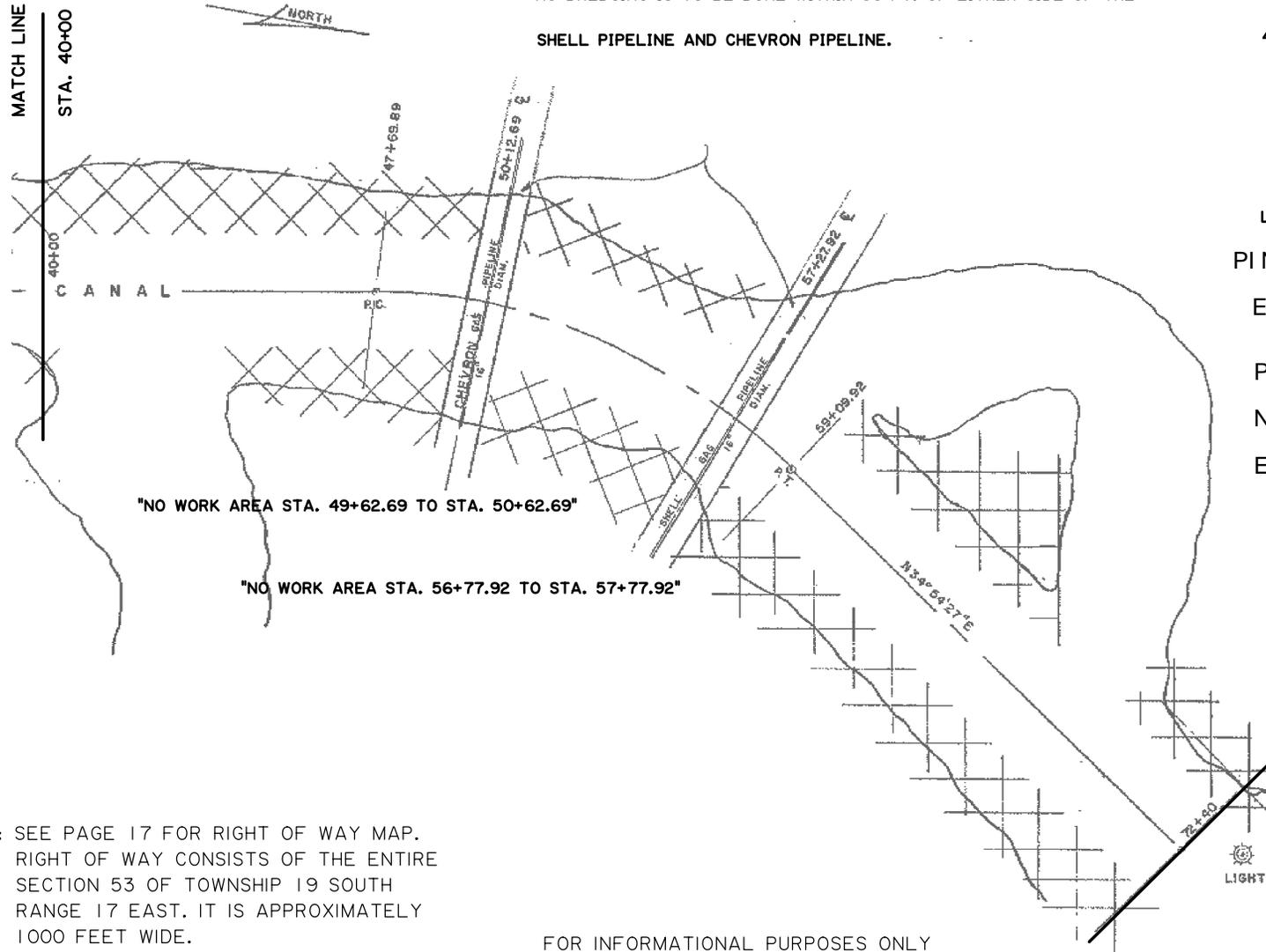
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| DESIGNED CHECKED | PARISH | PLAQUEMINES |
| DETAILED CHECKED | CONTROL SECTION | 570-38 |
| DATE SHEET | STATE PROJECT | H.010484 |

SHEET NO. 10

NOTE: NO SPOIL TO BE PLACED WITHIN 50 FT. ON EITHER SIDE OF GAS PIPELINES.
 NO DREDGING IS TO BE DONE WITHIN 50 FT. OF EITHER SIDE OF THE
 SHELL PIPELINE AND CHEVRON PIPELINE.

CURVE DATA
 PI = 53+69.35
 $\Delta = 44^\circ 03'28.4''$
 D = 351'52.62"
 T = 599.87 FT.
 R = 1482.57 FT.
 LC = 1112.15 FT.
 PI Northing 324340.70
 Easting 3854907.57
 POE STA. 73+09.63
 Northing 325913.06
 Easting 3856143.56



NOTE: SEE PAGE 17 FOR RIGHT OF WAY MAP.
 RIGHT OF WAY CONSISTS OF THE ENTIRE
 SECTION 53 OF TOWNSHIP 19 SOUTH
 RANGE 17 EAST. IT IS APPROXIMATELY
 1000 FEET WIDE.

FOR INFORMATIONAL PURPOSES ONLY

NOT TO SCALE

DISTRICT 02



**EMERGENCY DREDGING OF OSTRICA
 LOCKS & CANAL**

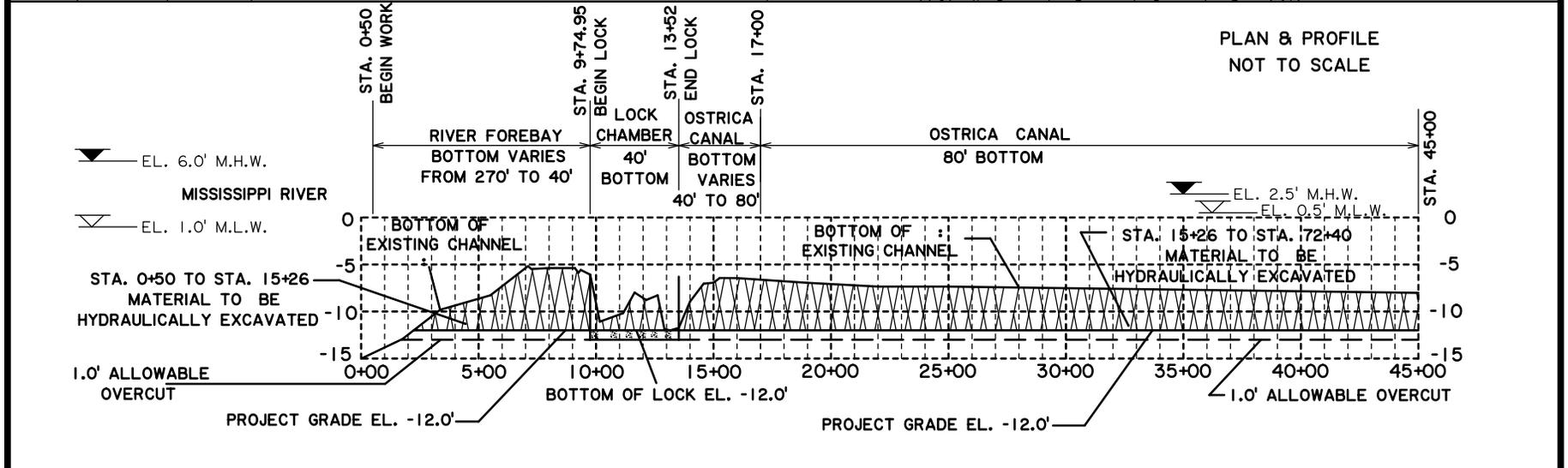
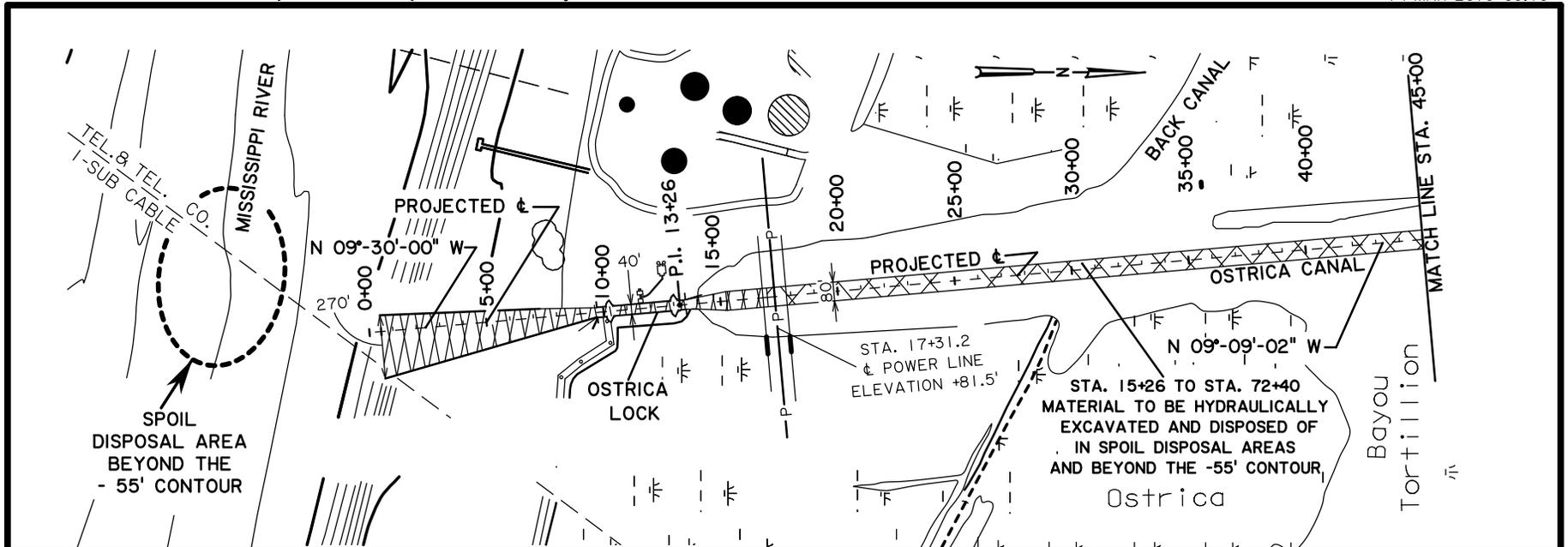
PLAN VIEW

| NO. | DATE | REVISION DESCRIPTION | BY |
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| DESIGNED CHECKED | |
| DETAILED CHECKED | |
| DATE SHEET | |

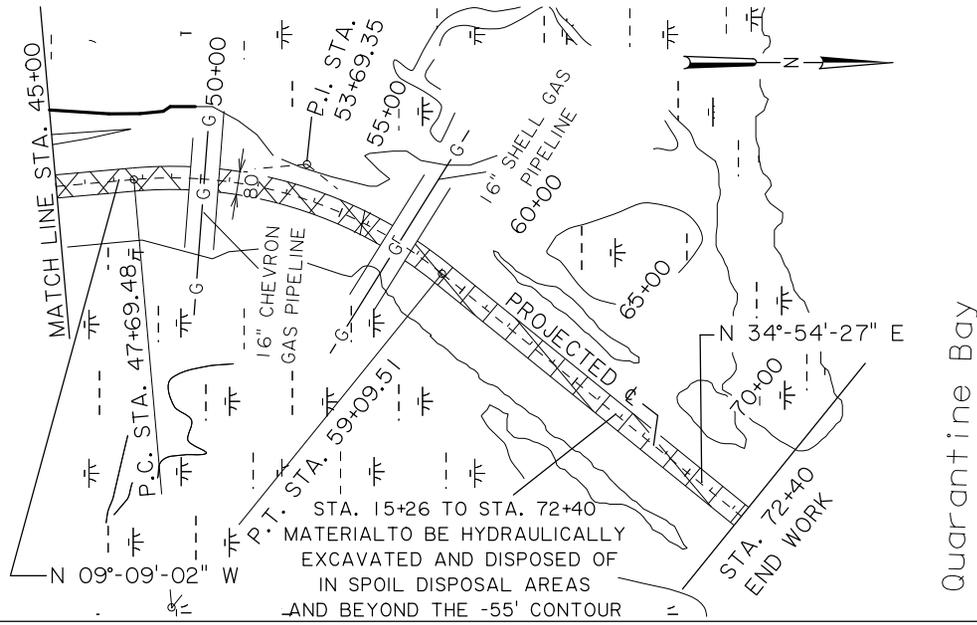
| | |
|-----------------|-------------|
| PARISH | PLAQUEMINES |
| CONTROL SECTION | 570-38 |
| STATE PROJECT | H.O10484 |

SHEET NO. 11



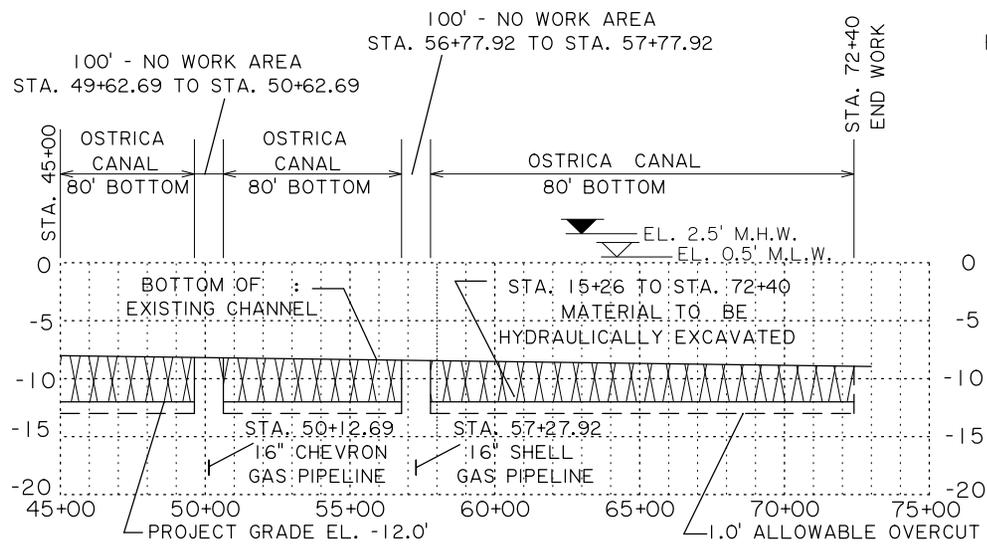
*ELEVATIONS AND PROFILE ARE TAKEN FROM RANDOM CROSS SECTIONS. EXACT ELEVATIONS SHALL BE DETERMINED BY THE CONTRACTOR'S SURVEY WORK (ITEM NS-MNT-90001).

| | | | | | | |
|--|--|--|------------|-----------------|-------------|--------------|
| | EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL | | DESIGNED | PARISH | PLAQUEMINES | SHEET NO. 12 |
| | PLAN AND PROFILE | | CHECKED | CONTROL SECTION | 570-38 | |
| | NO. DATE | | CHECKED | STATE PROJECT | H.010484 | |
| | REVISION DESCRIPTION | | DATE SHEET | BY | | |



PROJECTED & ADOPTED ALIGNMENT
 P.I. STA. 53+69.35
 DELTA = 44°-03'28.4" RT.
 D = 3°-51'52.6"
 T = 599.87'
 L = 1,140.03'
 R = 1,482.57'
 Lc = 1,112.15' N 12°-52'-42.5" E
 P.C. STA. 47+69.48
 P.T. STA. 59+09.51
 BACK TANGENT N 09°-09'-02" W
 FORWARD TANGENT N 34°-54'-27" E

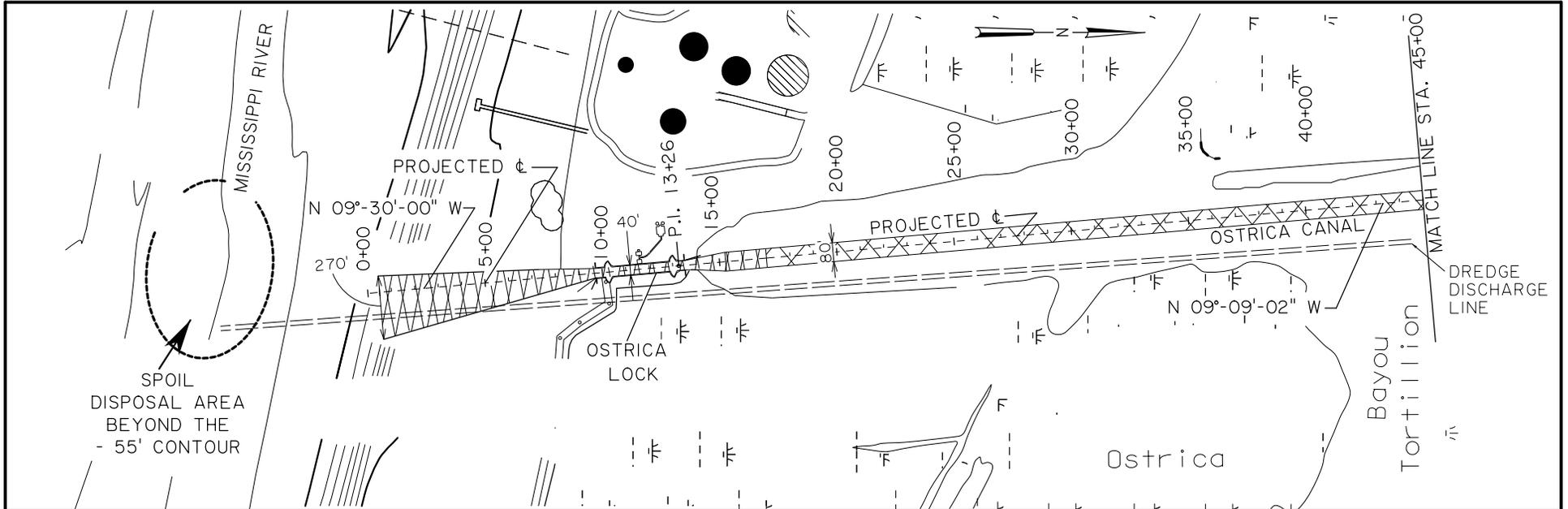
STA. 15+26 TO STA. 72+40
 MATERIAL TO BE HYDRAULICALLY
 EXCAVATED AND DISPOSED OF
 IN SPOIL DISPOSAL AREAS
 AND BEYOND THE -55' CONTOUR



PLAN & PROFILE
 NOT TO SCALE

*ELEVATIONS AND PROFILE ARE TAKEN FROM RANDOM CROSS SECTIONS. EXACT ELEVATIONS SHALL BE DETERMINED BY THE CONTRACTOR'S SURVEY WORK (ITEM NS-MNT-90001).

| | | | | | | | |
|--|--|------|----------------------|------------------|-----------------|-------------|-----------------|
| | EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL | | | DESIGNED CHECKED | PARISH | PLAQUEMINES | SHEET NO. 13 |
| | PLAN AND PROFILE | | | DETAILED CHECKED | CONTROL SECTION | 570-38 | |
| | NO. | DATE | REVISION DESCRIPTION | DATE SHEET | STATE PROJECT | H.010484 | |
| | | | | | | | |



DREDGE DISCHARGE LINE LOCATION

NOTES:

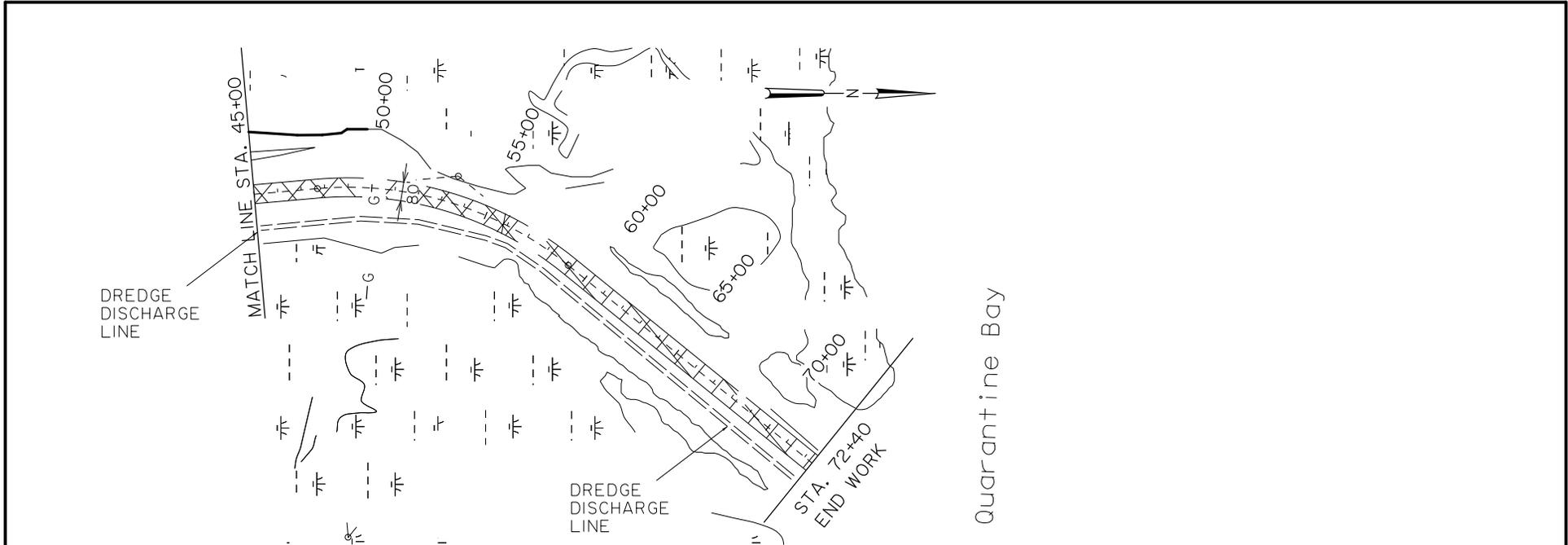
1. CONTRACTOR SHALL HAVE THE OPTION OF FLOATING OR SINKING DISCHARGE LINE IN OSTRICA CANAL. DISCHARGE LINE SHOWN FOR INFORMATION PURPOSES ONLY.
2. ALL CONSTRUCTION EQUIPMENT, FLOATING PLANT, AND PIPE LINES MUST BE IN COMPLIANCE WITH ALL NAVIGATION RULES AND REGULATIONS. THE CONTRACTOR SHALL DISPLAY SIGNAL LIGHTS, MARKERS, ETC., AND CONDUCT OPERATIONS IN ACCORDANCE WITH THE GENERAL REGULATIONS OF THE DEPARTMENT OF ARMY AND THE COAST GUARD.
3. THE CONTRACTOR IS REQUIRED TO ALLOW MARINE TRAFFIC THROUGH THE CONSTRUCTION SITE DAILY BETWEEN THE FOLLOWING HOURS: 2:00 A.M. - 4:00 A.M., 10:00 A.M. - NOON, AND 6:00 P.M. - 8:00 P.M. ALL CONSTRUCTION EQUIPMENT SHALL BE LOCATED TO ALLOW MARINE TRAFFIC THROUGH DOULLUT CANAL AND EMPIRE LOCKS AND TO ALLOW OPERATION OF THE LOCKS.

== == == == DREDGE DISCHARGE LINE

REQ'D. EXCAVATION

FOR INFORMATIONAL PURPOSES ONLY

| | | | | | | | | | | |
|--------------------------|--|--|--|--|--|------------------|------|----------------------|--------------------|-----------------|
| DISTRICT DESIGN 02 | | EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL | | | | DESIGNED CHECKED | | PARISH | PLAQUEMINES | SHEET NO. 14 |
| | | | | | | DETAILED CHECKED | | CONTROL SECTION | 570-38 | |
| | | | | | | DATE SHEET | | STATE PROJECT | H.010484 | |
| | | | | | | NO. | DATE | REVISION DESCRIPTION | BY | |



DREDGE DISCHARGE LINE LOCATION

NOTES:

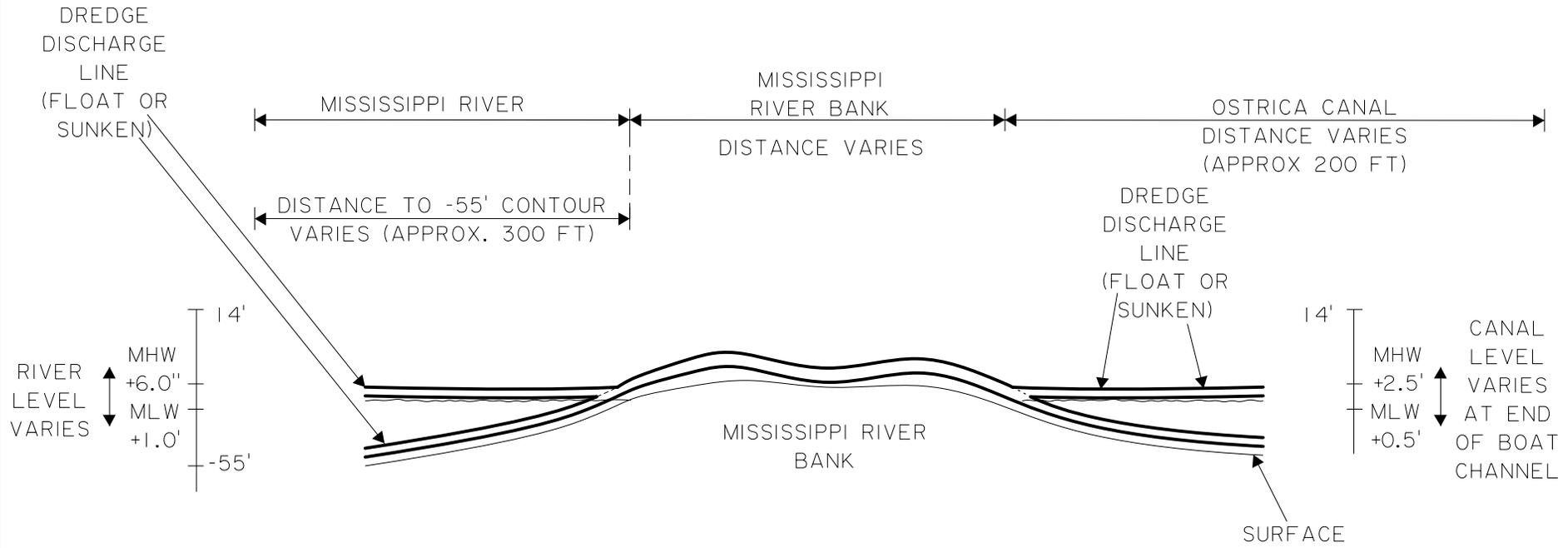
1. CONTRACTOR SHALL HAVE THE OPTION OF FLOATING OR SINKING DISCHARGE LINE IN OSTRICA CANAL. DISCHARGE LINE SHOWN FOR INFORMATION PURPOSES ONLY.
2. ALL CONSTRUCTION EQUIPMENT, FLOATING PLANT, AND PIPE LINES MUST BE IN COMPLIANCE WITH ALL NAVIGATION RULES AND REGULATIONS. THE CONTRACTOR SHALL DISPLAY SIGNAL LIGHTS, MARKERS, ETC., AND CONDUCT OPERATIONS IN ACCORDANCE WITH THE GENERAL REGULATIONS OF THE DEPARTMENT OF ARMY AND THE COAST GUARD.
3. THE CONTRACTOR IS REQUIRED TO ALLOW MARINE TRAFFIC THROUGH THE CONSTRUCTION SITE DAILY BETWEEN THE FOLLOWING HOURS: 2:00 A.M. - 4:00 A.M., 10:00 A.M. - NOON, AND 6:00 P.M. - 8:00 P.M. ALL CONSTRUCTION EQUIPMENT SHALL BE LOCATED TO ALLOW MARINE TRAFFIC THROUGH DOULLUT CANAL AND EMPIRE LOCKS AND TO ALLOW OPERATION OF THE LOCKS.

==== DREDGE DISCHARGE LINE

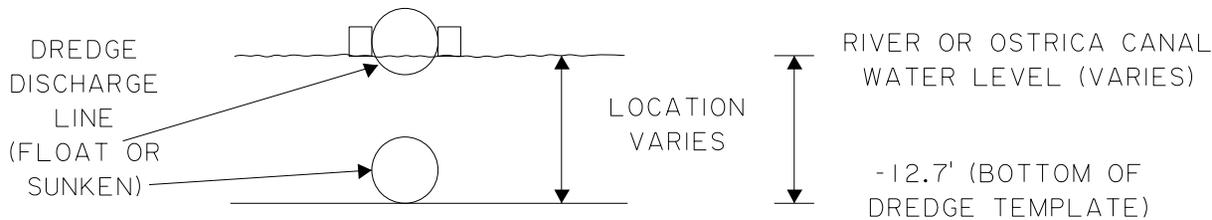
REQ'D. EXCAVATION

FOR INFORMATIONAL PURPOSES ONLY

| | | | | | | | | | | |
|----------------|--|--|------|----------------------|----|------------------|--|-----------------|--------------------|-----------------|
| DISTRICT 02 | | EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL | | | | DESIGNED CHECKED | | PARISH | PLAQUEMINES | SHEET NO. 15 |
| | | PLAN AND PROFILE | | | | DETAILED CHECKED | | CONTROL SECTION | 570-38 | |
| | | NO. | DATE | REVISION DESCRIPTION | BY | DATE SHEET | | STATE PROJECT | H.010484 | |



PROFILE OF DREDGE LINE

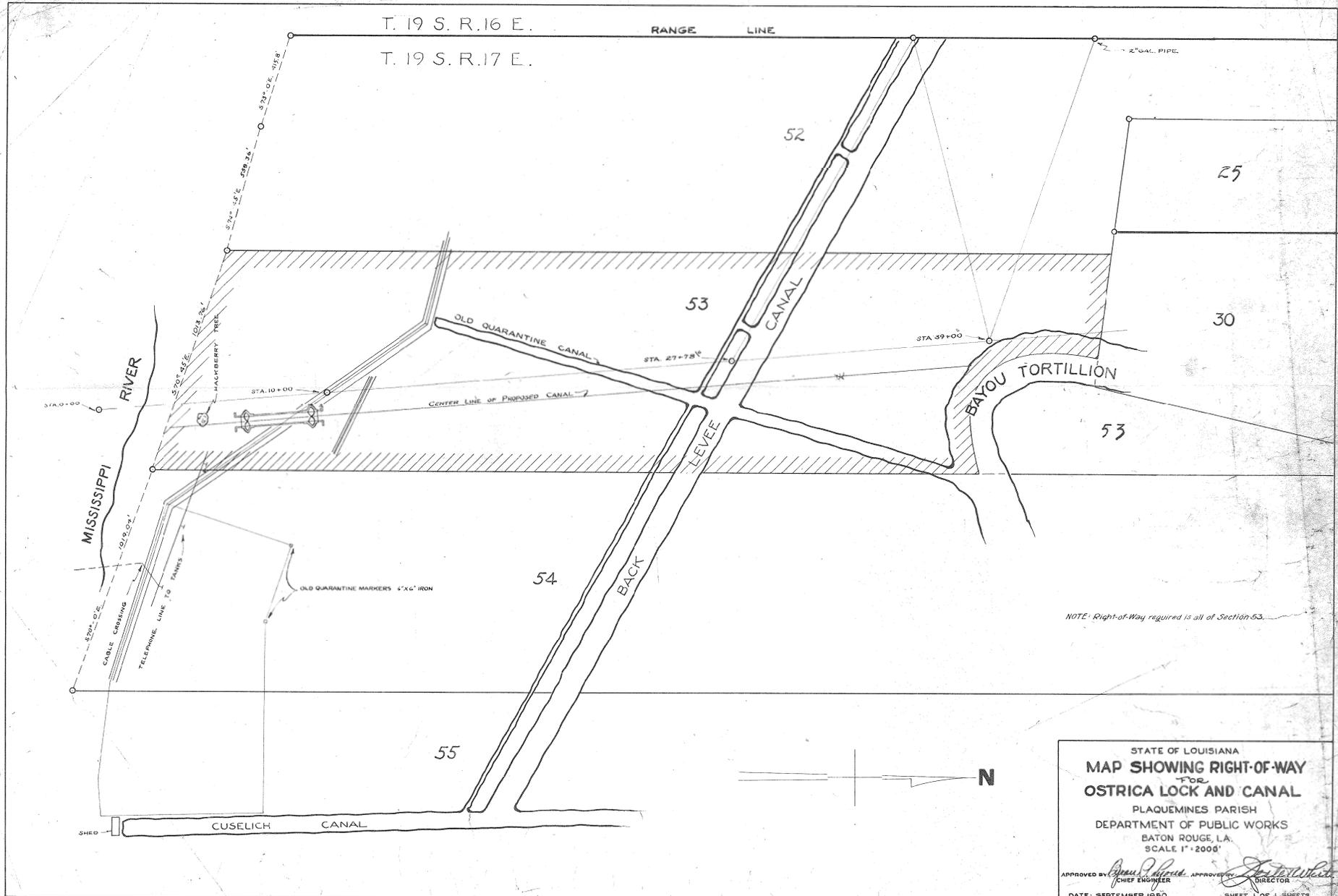


TYPICAL SECTION

NTS

FOR INFORMATIONAL PURPOSES ONLY

| | | | | | | | |
|--|--|------|----------------------|------------------|-----------------|-------------|-----------------|
| | EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL | | | DESIGNED CHECKED | PARISH | PLAQUEMINES | SHEET NO. 19 |
| | PROFILE OF DREDGE LINE | | | DETAILED CHECKED | CONTROL SECTION | 570-38 | |
| | NO. | DATE | REVISION DESCRIPTION | DATE SHEET | STATE PROJECT | H.010484 | |
| | | | | | | | |

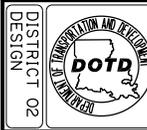


NOTE: Right-of-Way required is all of Section 53.

STATE OF LOUISIANA
MAP SHOWING RIGHT-OF-WAY
 FOR
OSTRICA LOCK AND CANAL
 PLAQUEMINES PARISH
 DEPARTMENT OF PUBLIC WORKS
 BATON ROUGE, LA.
 SCALE 1" = 2000'

APPROVED BY: *[Signature]* CHIEF ENGINEER APPROVED BY: *[Signature]* DIRECTOR

DATE: SEPTEMBER 1950 SHEET 1 OF 1 SHEETS
 FILE NO. **M-671-2**



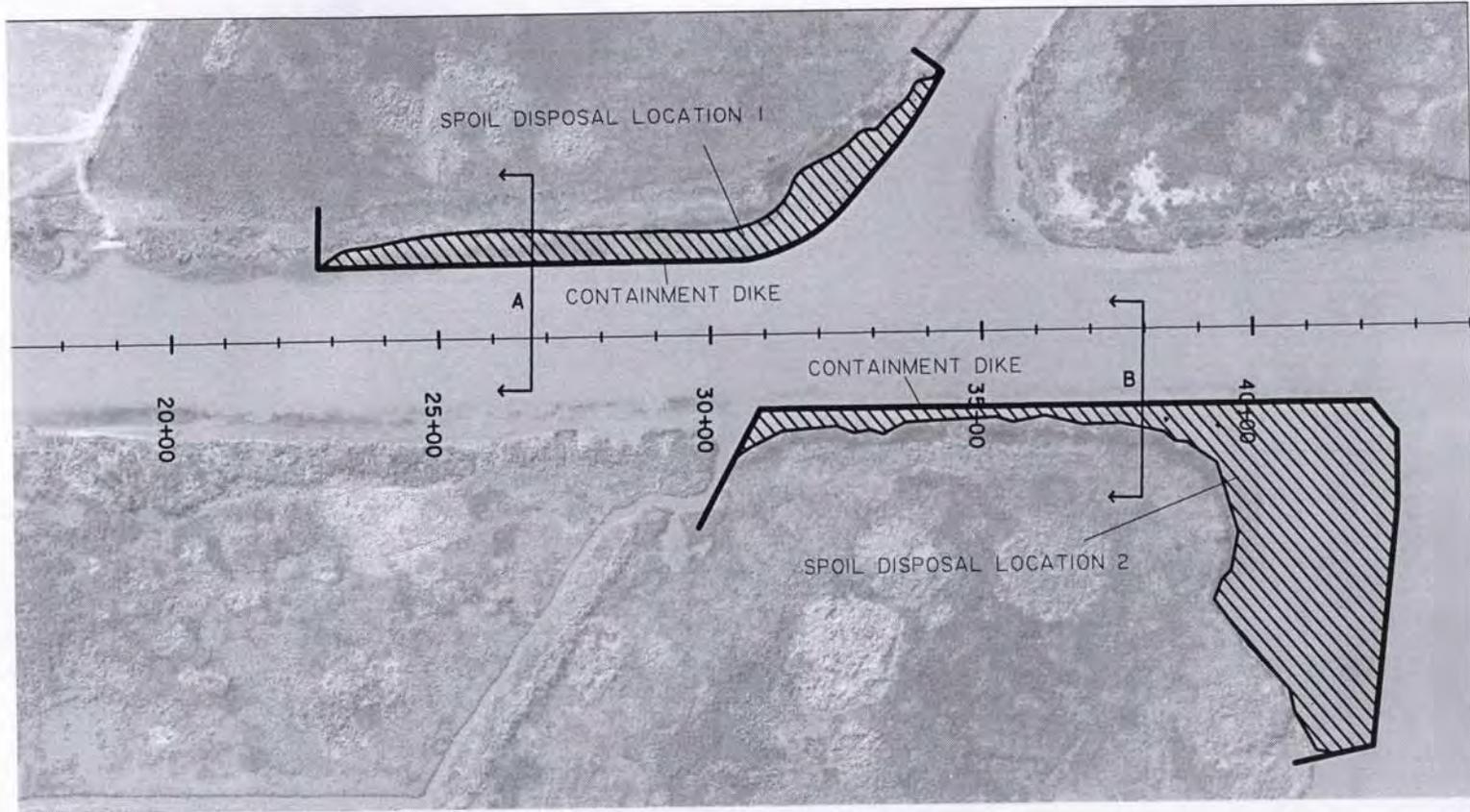
EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL

RIGHT OF WAY MAP

| NO. | DATE | REVISION DESCRIPTION | BY |
|-----|------|----------------------|----|
| | | | |
| | | | |
| | | | |

| | | |
|------------------|-----------------|-------------|
| DESIGNED CHECKED | PARISH | PLAQUEMINES |
| DETAILED CHECKED | CONTROL SECTION | 570-38 |
| DATE SHEET | STATE PROJECT | H.010484 |

SHEET NO. 17



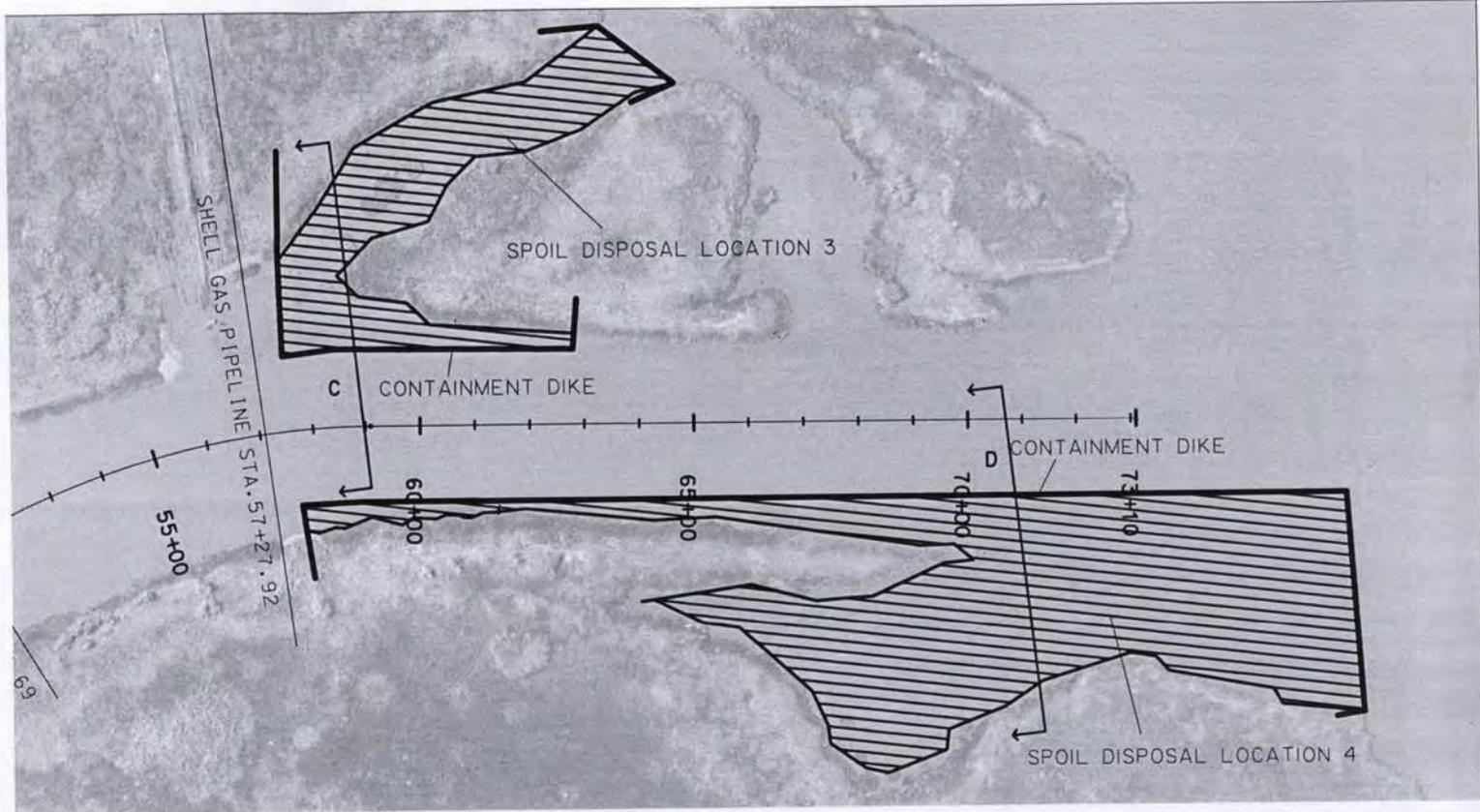
NTS

BENEFICIAL USE SPOIL DISPOSAL LOCATIONS

| | Area 1 | Area 2 |
|-----------|-----------|-----------|
| Area SQFT | 71830.2 | 205808 |
| CU FT | 195349.41 | 506650.87 |
| CUYD | 7235.16 | 18764.85 |

FOR INFORMATIONAL PURPOSES ONLY

| | | | | | | | | | |
|--|---|-----|------|----------------------|----------|-------|-----------------|-------------|-----------------|
|  DISTRICT 02 DESIGN | EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL | | | | DESIGNED | | PARISH | PLAQUEMINES | SHEET NO. 18 |
| | BENEFICIAL USE SPOIL DISPOSAL AREAS | NO. | DATE | REVISION DESCRIPTION | BY | DATE | CONTROL SECTION | 570-38 | |
| | | | | | | SHEET | STATE PROJECT | H.010484 | |
| | | | | | | | | | |



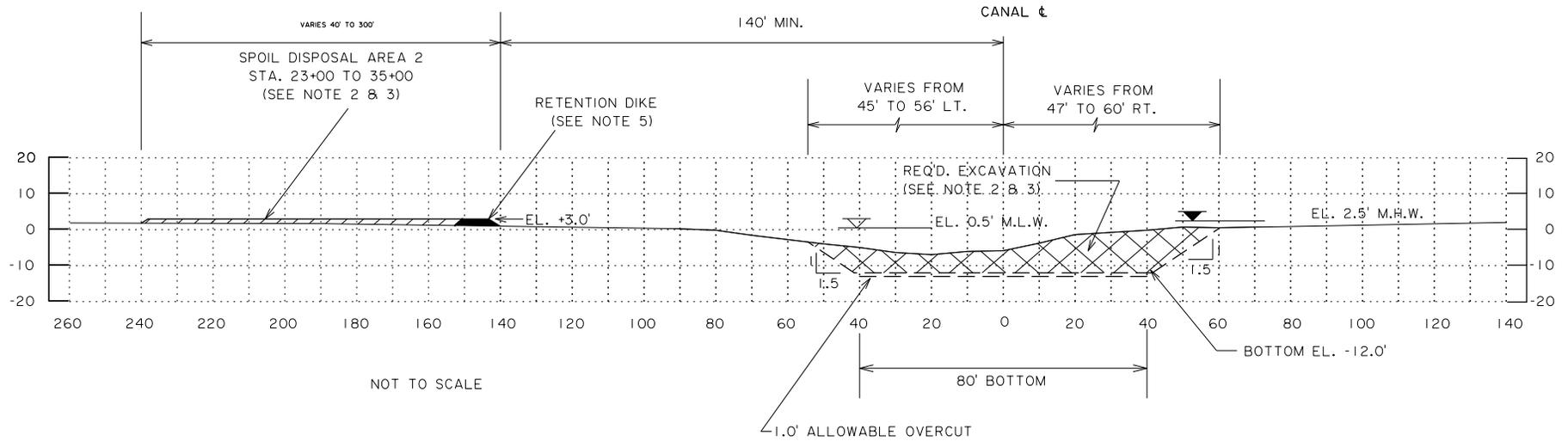
NTS

BENEFICIAL USE SPOIL DISPOSAL LOCATIONS

| | Area 4 | Area 3 |
|-----------|----------|----------|
| Area SQFT | 141920 | 426785 |
| CU FT | 357638.4 | 1066963 |
| CUYD | 13245.87 | 39517.13 |

FOR INFORMATIONAL PURPOSES ONLY

| | | | | | | | | | | |
|--------------------------|--|--|-----|------|----------------------|---------------------|---------------|--------------------|-------------|--------------------|
| DISTRICT DESIGN 02 | | EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL | | | | DESIGNED CHECKED | | PARISH | PLAQUEMINES | SHEET NO. 19 |
| | | BENEFICIAL USE SPOIL DISPOSAL AREAS | NO. | DATE | REVISION DESCRIPTION | BY | DATE SHEET | CONTROL SECTION | 570-38 | |



TYPICAL SECTION A OSTRICA CANAL

STA. 23+00 TO STA. 35+00
(SECTION ORIENTATION LOOKING NORTH)

NOTES: 1) ALL ELEVATIONS ARE NGVD 29.

2) EXCAVATED MATERIAL TO BE DEPOSITED IN DESIGNATED BENEFICIAL USE SPOIL DISPOSAL AREAS 1, 2, 3 AND 4 AND CONFINED BY RETENTION DIKE. SPOIL DISPOSAL AREA BEYOND THE -55' CONTOUR SHALL BE UTILIZED FOR OVERBURDEN MATERIAL EXCEEDING BENEFICIAL USE.

3) ELEVATIONS OF EXCAVATION MATERIAL ARE TAKEN FROM RANDOM CROSS SECTIONS. EXACT ELEVATIONS SHALL BE DETERMINED BY THE CONTRACTOR'S SURVEY WORK (ITEM NS-MNT-90001).

4) EXISTING WATER DEPTH VARIES.

5) SPOIL DISPOSAL AREAS 3 AND RETENTION DIKES SHALL NOT EXCEED EL. +3.0' N.G.V.D. IN HEIGHT, WITH MINOR MATERIAL OVERFLOW INTO MARSH.

6) THE PLACEMENT OF DREDGED MATERIAL IS PROHIBITED WITHIN 1,500 FEET OF ANY OYSTER LEASE.



LIMITS OF EXCAVATION

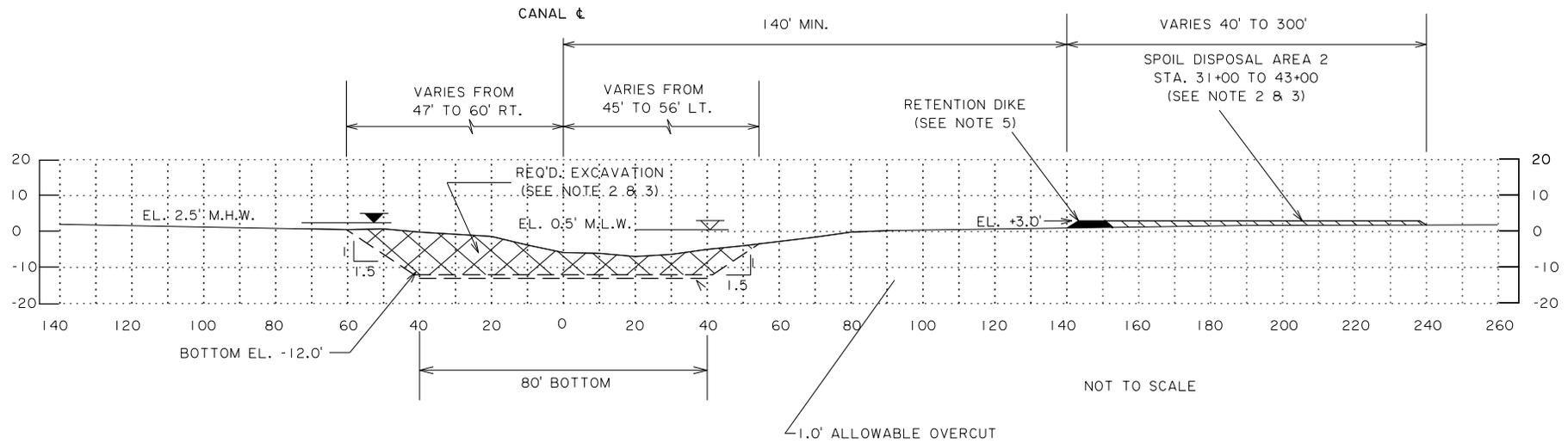


LIMITS OF FILL

NTS

FOR INFORMATIONAL PURPOSES ONLY

| | | | | | | | | | |
|--------------------|---|--|------|----------------------|----|-----------------|---------------|--------------|----------|
| DISTRICT 02 DESIGN |  | EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL | | DESIGNED | | PARISH | PLAQUEMINES | SHEET NO. 20 | |
| | | TYPICAL SECTION | | DETAILED | | CONTROL SECTION | 570-38 | | |
| | | NO. | DATE | REVISION DESCRIPTION | BY | DATE SHEET | STATE PROJECT | | H.010484 |
| | | | | | | | | | |



TYPICAL SECTION B OSTRICA CANAL

STA. 31+00 TO STA. 43+00

(SECTION ORIENTATION LOOKING NORTH)

NOTES: 1) ALL ELEVATIONS ARE NGVD 29.

2) EXCAVATED MATERIAL TO BE DEPOSITED IN DESIGNATED BENEFICIAL USE SPOIL DISPOSAL AREAS 1, 2, 3 AND 4 AND CONFINED BY RETENTION DIKE. SPOIL DISPOSAL AREA BEYOND THE -55' CONTOUR SHALL BE UTILIZED FOR OVERBURDEN MATERIAL EXCEEDING BENEFICIAL USE.

3) ELEVATIONS OF EXCAVATION MATERIAL ARE TAKEN FROM RANDOM CROSS SECTIONS. EXACT ELEVATIONS SHALL BE DETERMINED BY THE CONTRACTOR'S SURVEY WORK (ITEM NS-MNT-90001).

4) EXISTING WATER DEPTH VARIES.

5) SPOIL DISPOSAL AREAS 3 AND RETENTION DIKES SHALL NOT EXCEED EL. +3.0' N.G.V.D. IN HEIGHT, WITH MINOR MATERIAL OVERFLOW INTO MARSH.

6) THE PLACEMENT OF DREDGED MATERIAL IS PROHIBITED WITHIN 1,500 FEET OF ANY OYSTER LEASE.



LIMITS OF EXCAVATION

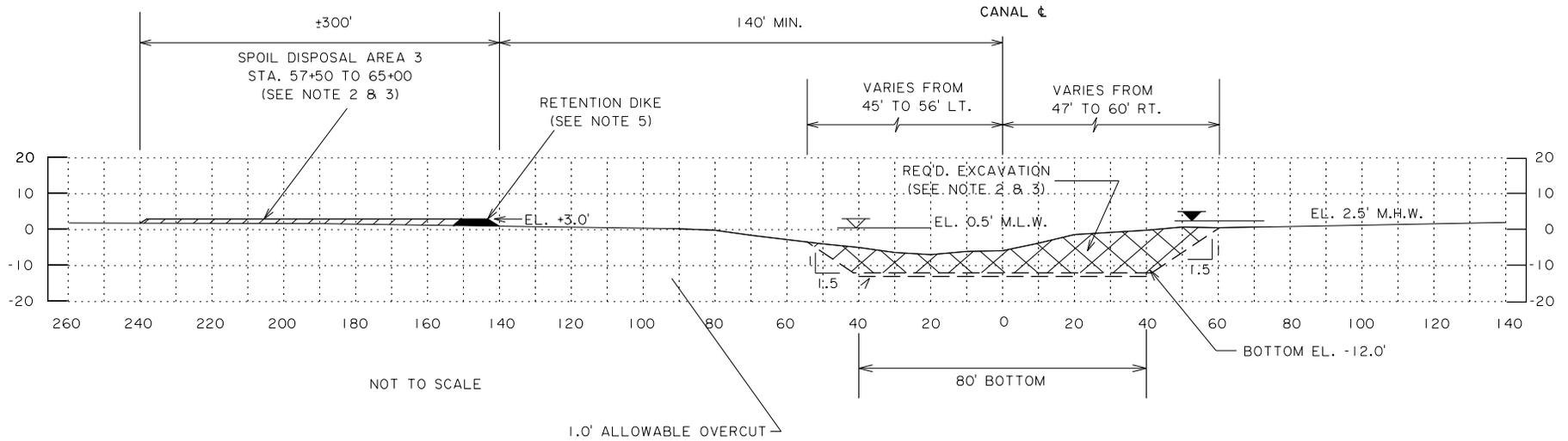


LIMITS OF FILL

NTS

FOR INFORMATIONAL PURPOSES ONLY

| | | | | | | | | |
|--|--|--|--|----------|------|----------------------|-------------|-----------------|
|  DISTRICT 02 DESIGN | EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL | | | DESIGNED | | PARISH | PLAQUEMINES | SHEET NO. 21 |
| | TYPICAL SECTION A | | | DETAILED | | CONTROL SECTION | 570-38 | |
| | | | | DATE | | STATE PROJECT | H.010484 | |
| | | | | NO. | DATE | REVISION DESCRIPTION | BY | |



TYPICAL SECTION C OSTRICA CANAL

STA. 57+50 TO STA. 65+00
(SECTION ORIENTATION LOOKING NORTH)

NOTES: 1) ALL ELEVATIONS ARE NGVD 29.

2) EXCAVATED MATERIAL TO BE DEPOSITED IN DESIGNATED BENEFICIAL USE SPOIL DISPOSAL AREAS 1, 2, 3 AND 4 AND CONFINED BY RETENTION DIKE. SPOIL DISPOSAL AREA BEYOND THE -55' CONTOUR SHALL BE UTILIZED FOR OVERBURDEN MATERIAL EXCEEDING BENEFICIAL USE.

3) ELEVATIONS OF EXCAVATION MATERIAL ARE TAKEN FROM RANDOM CROSS SECTIONS. EXACT ELEVATIONS SHALL BE DETERMINED BY THE CONTRACTOR'S SURVEY WORK (ITEM NS-MNT-90001).

4) EXISTING WATER DEPTH VARIES.

5) SPOIL DISPOSAL AREAS 3 AND RETENTION DIKES SHALL NOT EXCEED EL. +3.0' N.G.V.D. IN HEIGHT, WITH MINOR MATERIAL OVERFLOW INTO MARSH.

6) THE PLACEMENT OF DREDGED MATERIAL IS PROHIBITED WITHIN 1,500 FEET OF ANY OYSTER LEASE.



LIMITS OF EXCAVATION

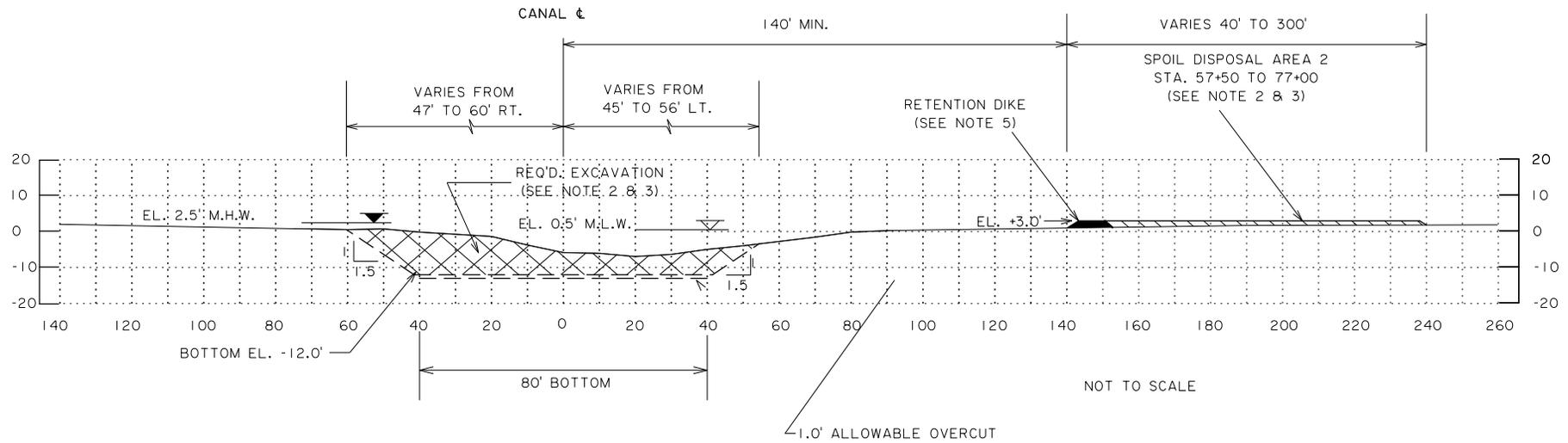


LIMITS OF FILL

NTS

FOR INFORMATIONAL PURPOSES ONLY

| | | | | | | | | | |
|--------------------|---|-----|------|----------------------|----|------------------|-----------------|-------------|--------------|
| DISTRICT 02 DESIGN |  EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL | NO. | DATE | REVISION DESCRIPTION | BY | DESIGNED CHECKED | PARISH | PLAQUEMINES | SHEET NO. 22 |
| | | | | | | DETAILED CHECKED | CONTROL SECTION | 570-38 | |
| | | | | | | DATE SHEET | STATE PROJECT | H.010484 | |
| | | | | | | | | | |



TYPICAL SECTION D OSTRICA CANAL

STA. 57+50 TO STA. 77+00

(SECTION ORIENTATION LOOKING NORTH)

NOTES: 1) ALL ELEVATIONS ARE NGVD 29.

2) EXCAVATED MATERIAL TO BE DEPOSITED IN DESIGNATED BENEFICIAL USE SPOIL DISPOSAL AREAS 1, 2, 3 AND 4 AND CONFINED BY RETENTION DIKE. SPOIL DISPOSAL AREA BEYOND THE -55' CONTOUR SHALL BE UTILIZED FOR OVERBURDEN MATERIAL EXCEEDING BENEFICIAL USE.

3) ELEVATIONS OF EXCAVATION MATERIAL ARE TAKEN FROM RANDOM CROSS SECTIONS. EXACT ELEVATIONS SHALL BE DETERMINED BY THE CONTRACTOR'S SURVEY WORK (ITEM NS-MNT-90001).

4) EXISTING WATER DEPTH VARIES.

5) SPOIL DISPOSAL AREAS 3 AND RETENTION DIKES SHALL NOT EXCEED EL. +3.0' N.G.V.D. IN HEIGHT, WITH MINOR MATERIAL OVERFLOW INTO MARSH.

6) THE PLACEMENT OF DREDGED MATERIAL IS PROHIBITED WITHIN 1,500 FEET OF ANY OYSTER LEASE.



LIMITS OF EXCAVATION



LIMITS OF FILL

NTS

FOR INFORMATIONAL PURPOSES ONLY

| | | | | | | | | | |
|--------------------|--|--|------|----------------------|------------|--|-----------------|-------------|--------------|
| DISTRICT 02 DESIGN | | EMERGENCY DREDGING OF OSTRICA LOCKS & CANAL | | | DESIGNED | | PARISH | PLAQUEMINES | SHEET NO. 23 |
| | | TYPICAL SECTION C | | | DETAILED | | CONTROL SECTION | 570-38 | |
| | | | | | DATE SHEET | | STATE PROJECT | H.010484 | |
| | | NO. | DATE | REVISION DESCRIPTION | BY | | | | |