

JOINT PUBLIC NOTICE

February 29, 2016

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

State of Louisiana
Department of Environmental Quality
Water Quality Certification Section
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

(504) 862-2675
Project Manager
Jamie Crowe
Jamie.M.Crowe@usace.army.mil
Permit Application Number
MVN 2015-1839 CO

(225) 219-3225
Project Manager
Elizabeth Hill

WQC Application Number
WQC 160224-03

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, Office of Environmental Services, for a Water Quality Certification (WQC) in accordance with statutory authority contained in LRS30:2047 A(3), and provisions of Section 401 of the Clean Water Act (P.L.95-17).

HEAVY HAUL RAMP IN MISSISSIPPI RIVER IN ASCENSION PARISH

NAME OF APPLICANT: Shell Chemical, LP, c/o Lanier & Associates, 4101 Magazine Street, New Orleans, Louisiana, 70115.

LOCATION OF WORK: Within the Mississippi River Basin, in the Lower Mississippi River – Baton Rouge hydrologic unit (HUC 08070100), in the Mississippi River, left descending bank, near mile 183, near Geismar, Louisiana, in Ascension Parish, as shown on the enclosed drawings.

CHARACTER OF WORK: The applicant has requested authorization to install and maintain fill to construct a heavy haul ramp in the Mississippi River batture. This ramp will allow heavy equipment to be offloaded and brought to Shell's existing facility. The ramp will remain in place for approximately 1 low water season. Then, the site will be restored to pre-project contours and allowed to re-vegetate. Approximately 1.5 acres of

forested batture and approximately 0.2 acre of maintained herbaceous wetlands will be impacted by the proposed activity. As compensation for unavoidable wetland impacts the applicant proposes to purchase wetland credits from a Corps approved mitigation bank located in the watershed.

The comment period for the Department of the Army Permit and the Louisiana Department of Environmental Quality WQC will close **30 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** 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 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 New Orleans District is unaware of properties listed on the National Register of Historic Places near the proposed work. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. Issuance of this public notice solicits input from the State Archeologist and State Historic Preservation Officer regarding potential impacts to cultural resources.

Our initial finding is that the proposed work would not affect any species, nor affect any habitat designated as critical to the survival and recovery of such species, listed as endangered by the U.S. Department of Commerce.

The New Orleans District has determined that the proposed project is located in waters known to be utilized by the pallid sturgeon (*Scaphirhynchus albus*) and determined that the proposed activity is not likely to adversely affect the species based on the Standard Local Operating Procedure for Endangered Species of Louisiana (SLOPES), dated October 22, 2014, between the U.S. Army Corps of Engineers and U.S. Fish and Wildlife Service, Ecological Services Office.

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 **N/A 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.

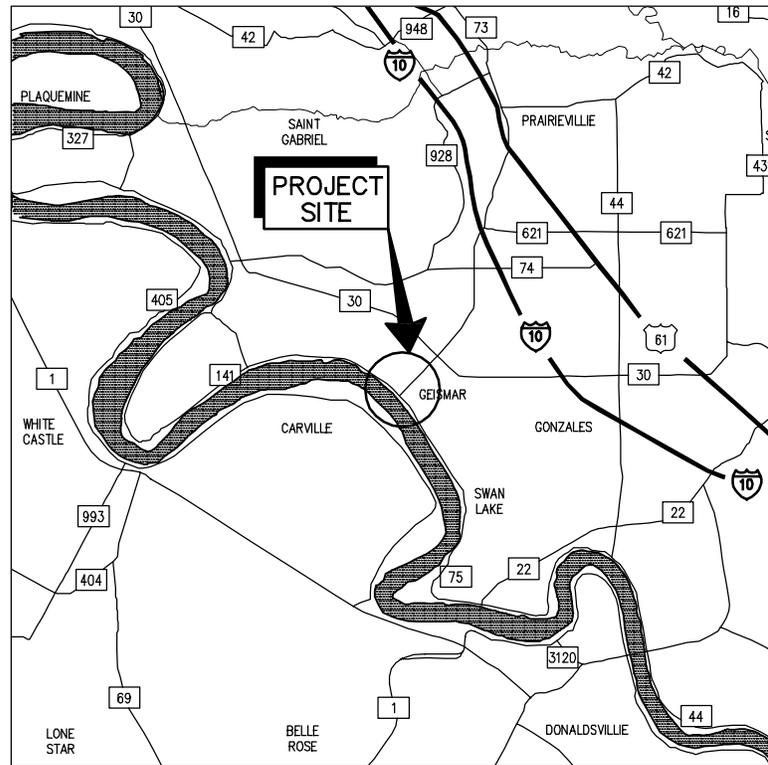
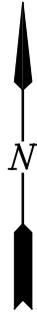
If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not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

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John M. Herman
Chief, Central Evaluation Section
Regulatory Branch

Enclosure



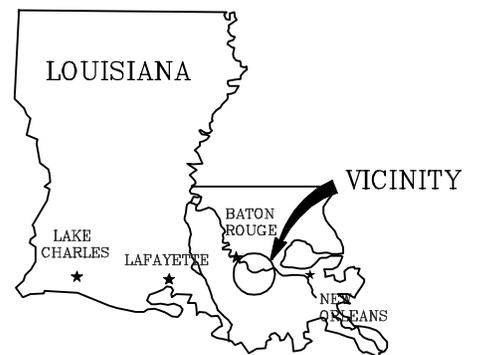
VICINITY MAP

GRAPHIC SCALE IN MILES



GENERAL NOTES

1. AS-BUILT DRAWINGS AND/OR PLANS SHALL HAVE WRITTEN ON THEM THE DATE OF COMPLETION OF SAID ACTIVITIES AND SHALL BE SUBMITTED TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, OFFICE OF COASTAL MANAGEMENT, P. O. BOX 44487, BATON ROUGE, LA 70804-4487 WITHIN 30 DAYS FOLLOWING PROJECT COMPLETION.
2. ALL STRUCTURES, FACILITIES, WELL AND PIPELINES/FLOWLINES OCCURRING IN OPEN WATER AREAS OR IN OILFIELD CANALS OR SLIPS SHALL BE REMOVED WITHIN 120 DAYS OF ABANDONMENT OF THE FACILITIES FOR THE HEREIN PERMITTED USE UNLESS PRIOR WRITTEN APPROVAL TO LEAVE SUCH STRUCTURES IN PLACE IS RECEIVED FROM THE COASTAL MANAGEMENT DIVISION. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED.
3. STRUCTURES MUST ALSO BE MARKED/LIGHTED IN ACCORDANCE WITH U. S. COAST GUARD REGULATIONS.
4. IN ORDER TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITTEE SHALL CONTACT THE LOUISIANA ONE CALL SYSTEM (1-800-272-3020) A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION (DIGGING, DREDGING, JETTING, ETC.) OR DEMOLITION ACTIVITY
5. ALL ELEVATIONS REFER TO NGVD 29 UNLESS NOTED OTHERWISE.
6. ALL EXCAVATED MATERIAL TO REMAIN ON SITE.
7. SITE SHALL BE REGRADED TO PRE-RAMP CONDITION AT COMPLETION OF HEAVY HAUL USE. DOLPHINS WILL REMAIN
8. FILL MATERIAL SHALL REMAIN IN PLACE FOR 1 LOW WATER SEASON.



AREA MAP

LAT.: 30°10'27.09"N

LONG.: 91°0'16.68"W

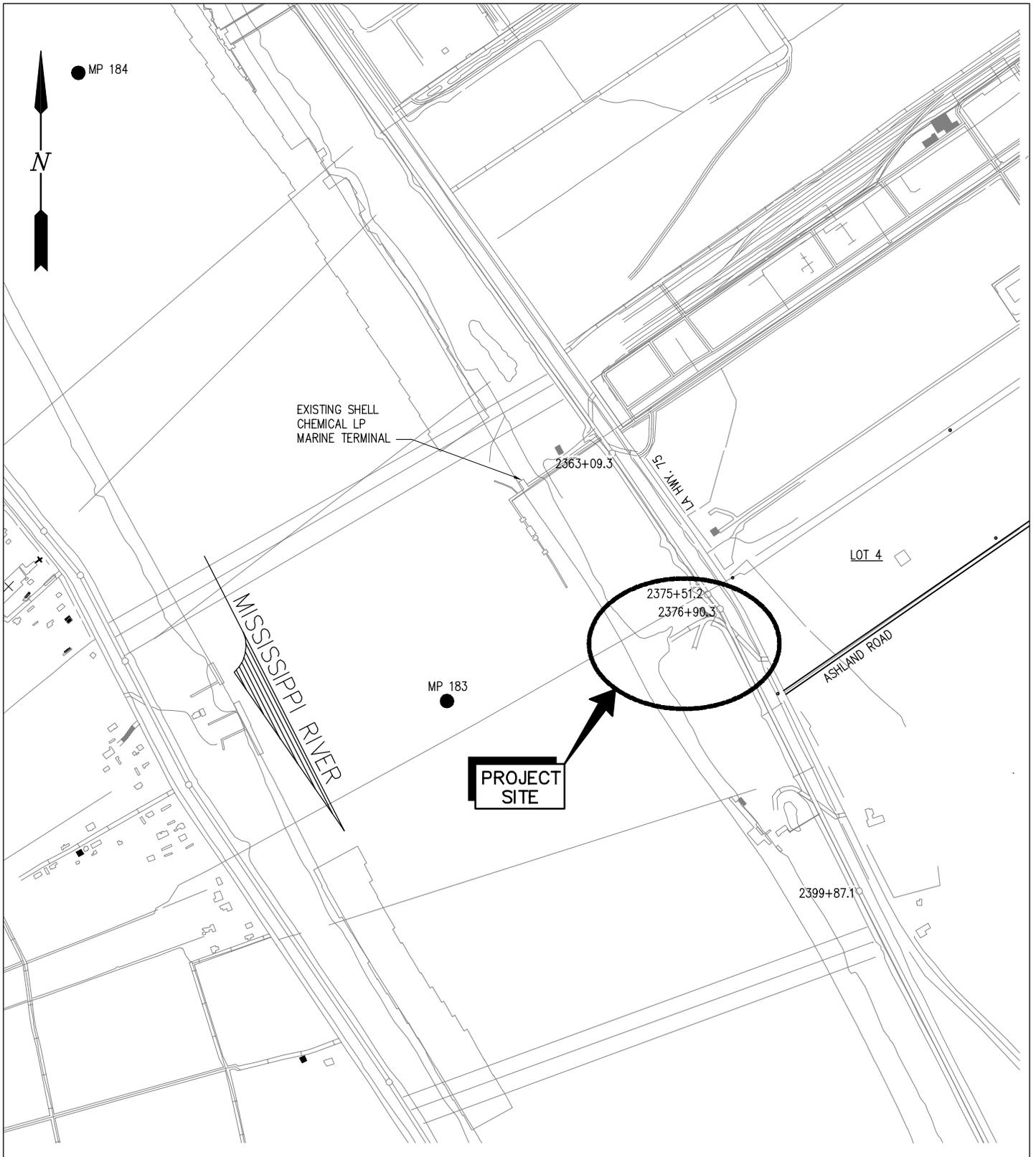
REV H
9815-P1

DATE JUN. '15
DESIGN JPL
DRAWN MEW
CHECK JPL
CONTRACT 9815
SHEET No.
1 OF 11

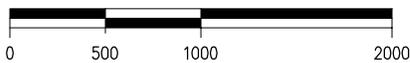
LANIER & ASSOCIATES
CONSULTING ENGINEERS
INCORPORATED
NEW ORLEANS, LA · BEAUMONT, TX

SHELL CHEMICAL LP
GEISMAR LOUISIANA

**TEMPORARY HEAVY HAUL LEVEE CROSSING
VICINITY MAP, AREA MAP AND
GENERAL NOTES**



EXISTING SITE PLAN

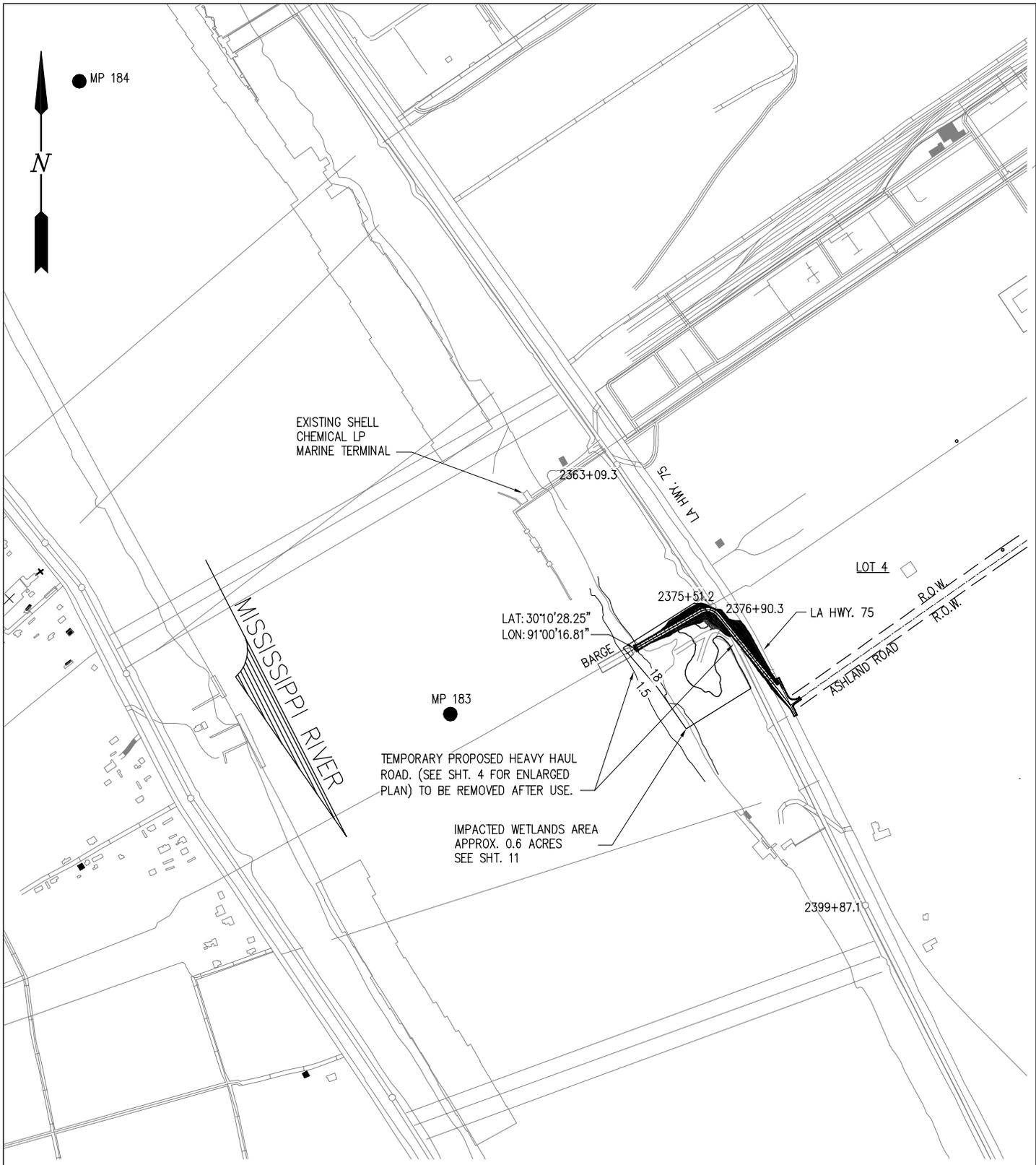


REV H
9815-P2

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GEISMAR **SHELL CHEMICAL LP** LOUISIANA
TEMPORARY HEAVY HAUL LEVEE CROSSING
EXISTING SITE PLAN

DATE JUN. '15
DESIGN JPL
DRAWN MEW
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CONTRACT 9815
SHEET No.
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EXISTING SHELL
CHEMICAL LP
MARINE TERMINAL

2363+09.3

LA HWY. 75

LOT 4

MISSISSIPPI RIVER

LAT: 30°10'28.25"
LON: 91°00'16.81"

2375+51.2

2376+90.3

LA HWY. 75

BARGE

R.O.W.
ASHLAND ROAD
R.O.W.

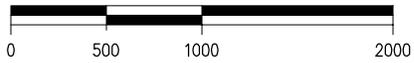
MP 183

TEMPORARY PROPOSED HEAVY HAUL
ROAD. (SEE SHT. 4 FOR ENLARGED
PLAN) TO BE REMOVED AFTER USE.

IMPACTED WETLANDS AREA
APPROX. 0.6 ACRES
SEE SHT. 11

2399+87.1

PROPOSED SITE PLAN

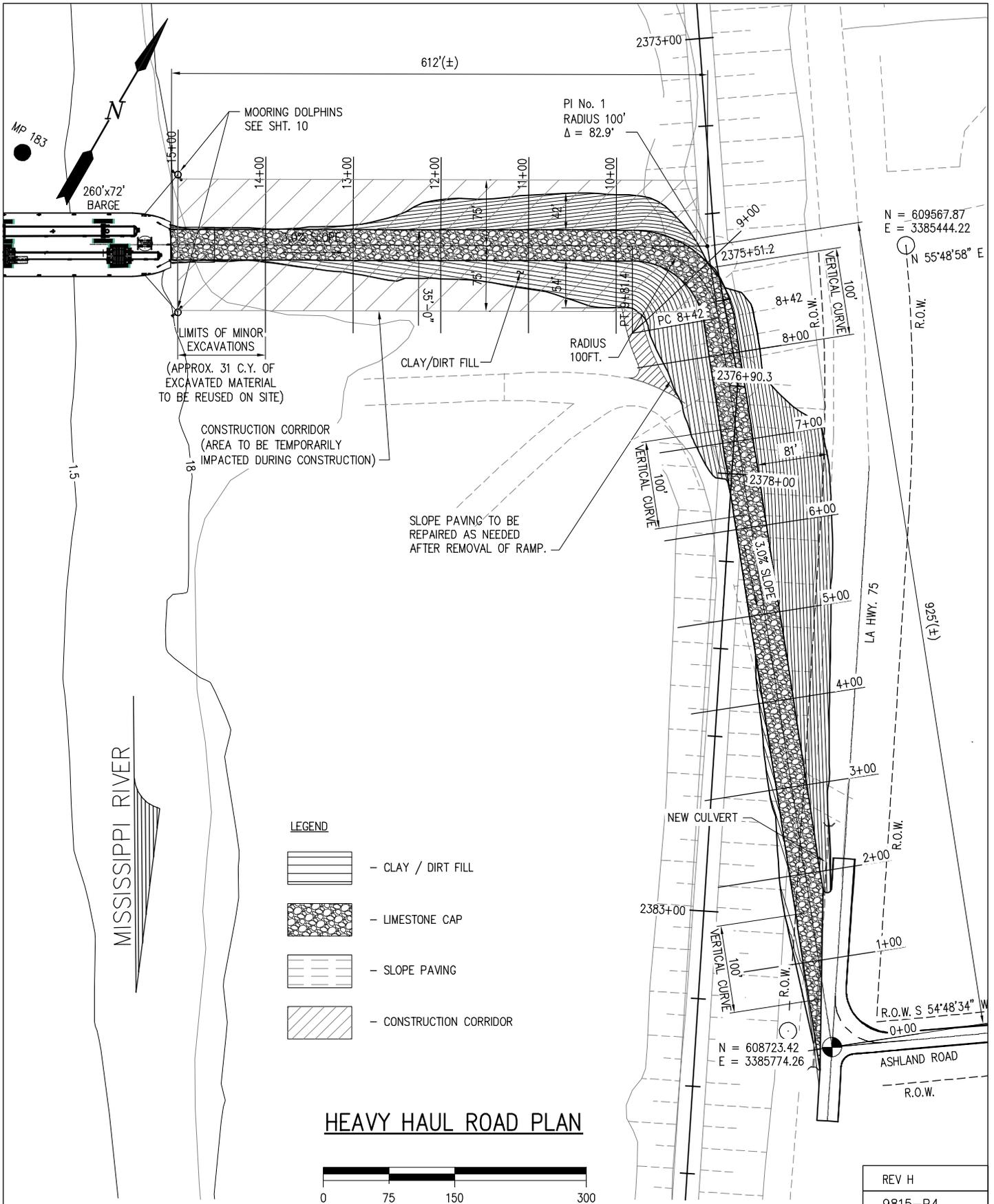


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9815-P3

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GEISMAR **SHELL CHEMICAL LP** LOUISIANA
**TEMPORARY HEAVY HAUL LEVEE CROSSING
PROPOSED SITE PLAN**

DATE JUN. '15
DESIGN JPL
DRAWN MEW
CHECK JPL
CONTRACT 9815
SHEET No.
3 OF 11

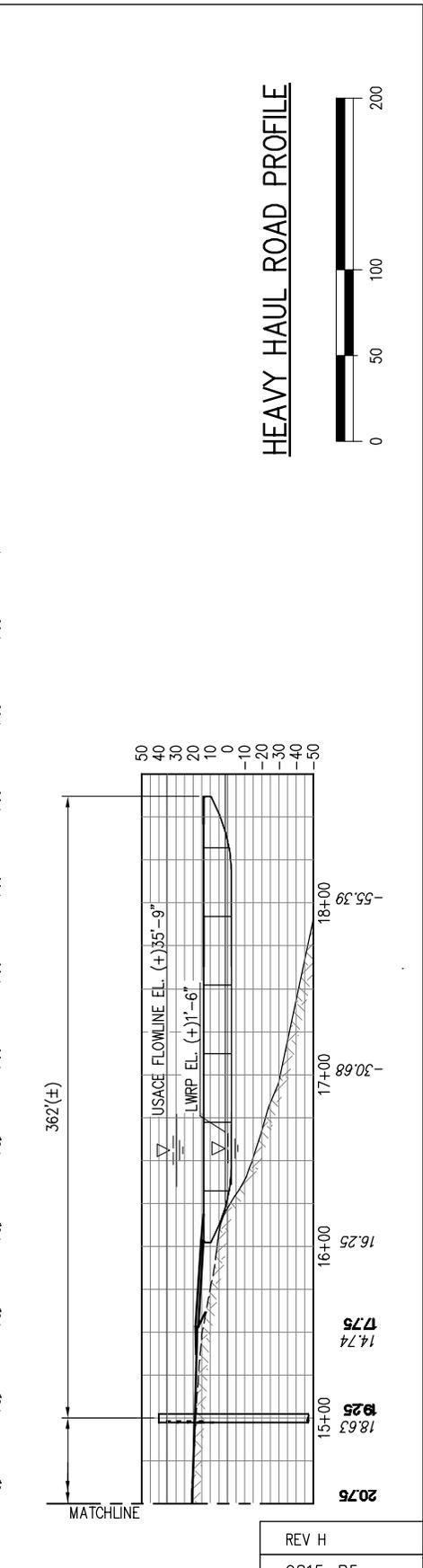
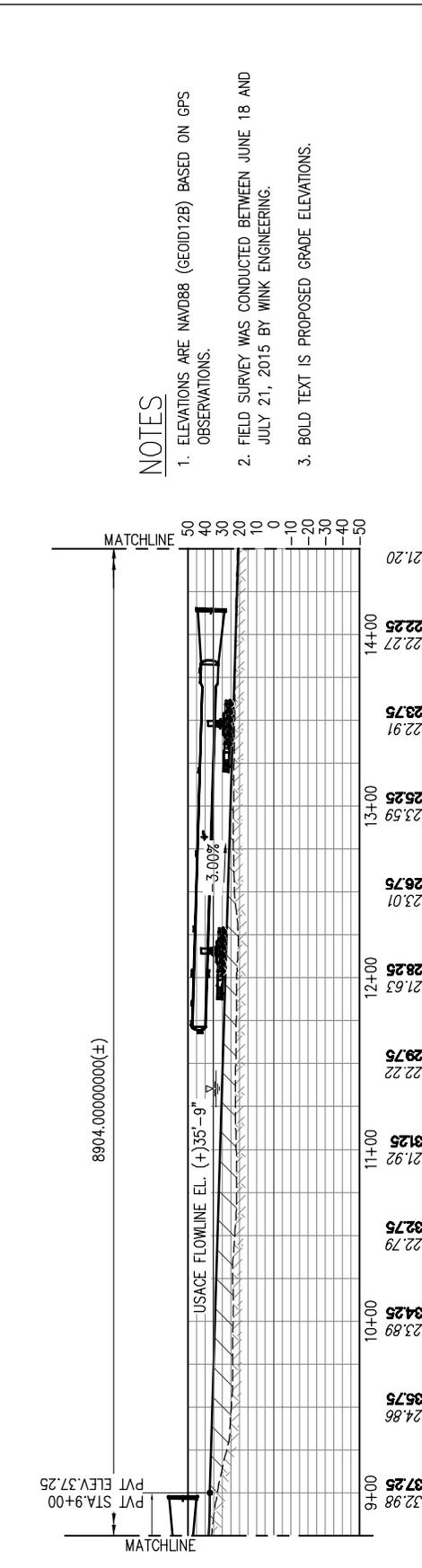
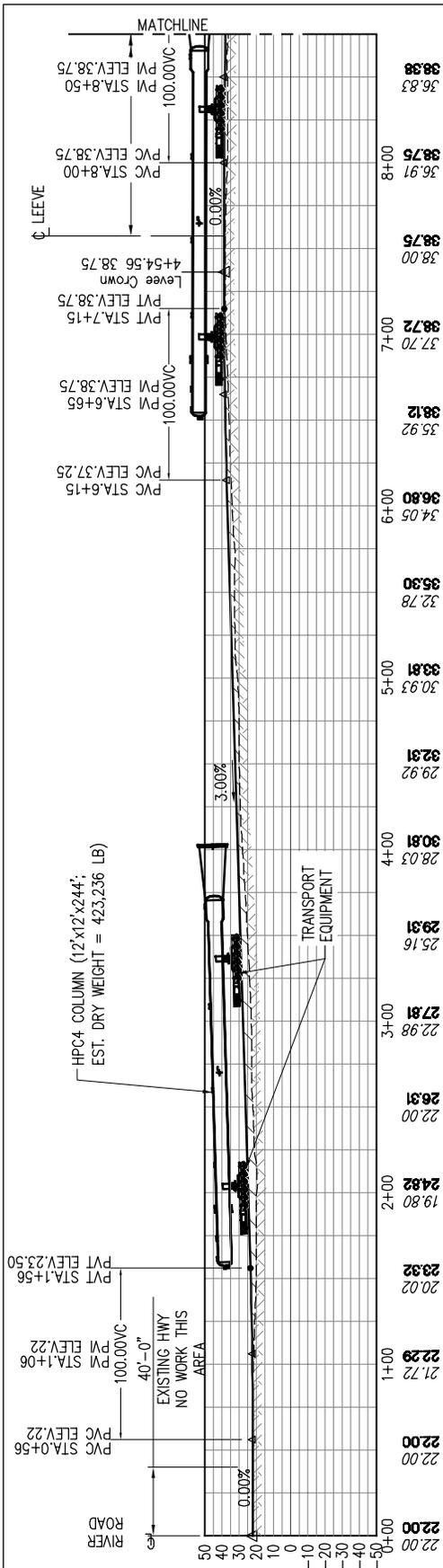


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SHELL CHEMICAL LP
GEISMAR LOUISIANA

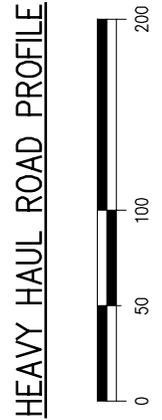
**TEMPORARY HEAVY HAUL LEVEE CROSSING
HEAVY HAUL ROAD PLAN**

DATE JUN. '15
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CONTRACT 9815
SHEET No.
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NOTES

1. ELEVATIONS ARE NAVD88 (GEOID12B) BASED ON GPS OBSERVATIONS.
2. FIELD SURVEY WAS CONDUCTED BETWEEN JUNE 18 AND JULY 21, 2015 BY WINK ENGINEERING.
3. BOLD TEXT IS PROPOSED GRADE ELEVATIONS.



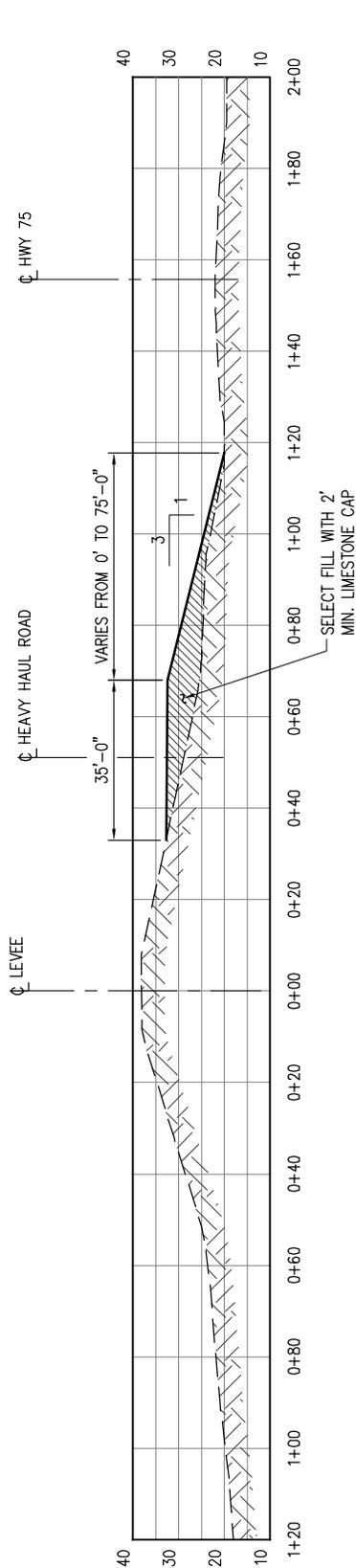
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9815-P5
DATE JUN. 15
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SHELL CHEMICAL LP
 GEISMAR LOUISIANA
TEMPORARY HEAVY HAUL LEVEE CROSSING
HEAVY HAUL ROAD PROFILE

FLOOD SIDE

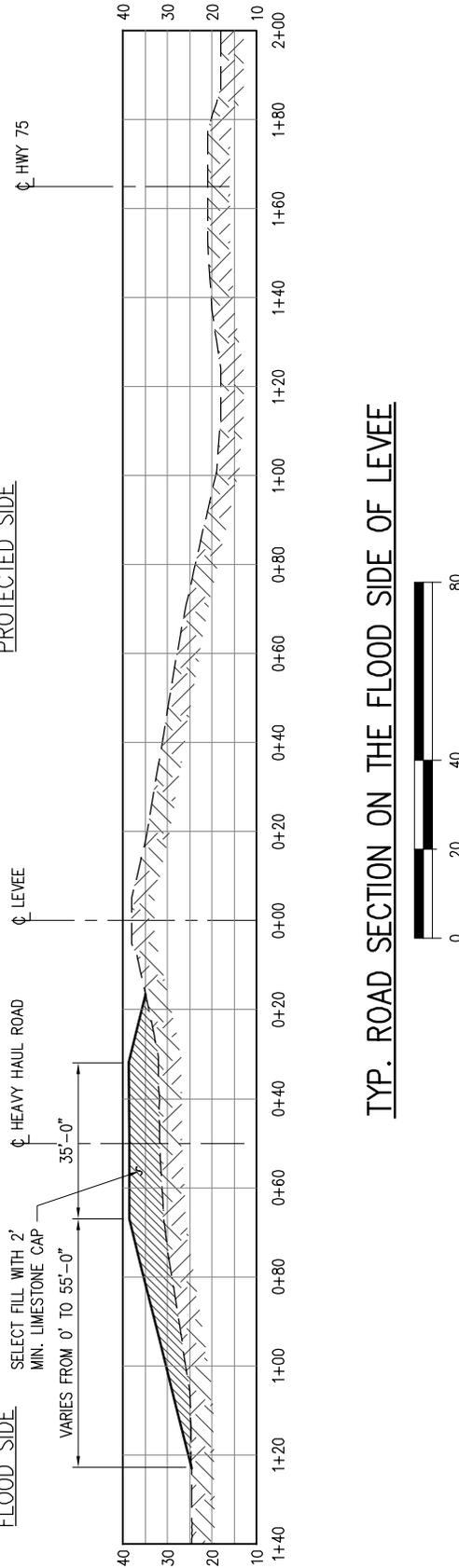
PROTECTED SIDE



TYP. ROAD SECTION ON THE PROTECTED SIDE OF LEVEE

FLOOD SIDE

PROTECTED SIDE



TYP. ROAD SECTION ON THE FLOOD SIDE OF LEVEE



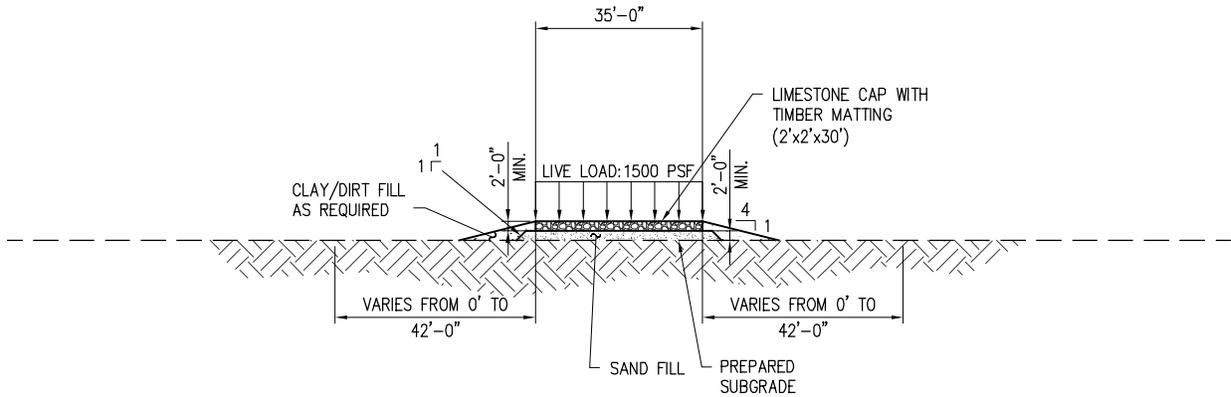
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SHELL CHEMICAL LP
 GEISMAR LOUISIANA

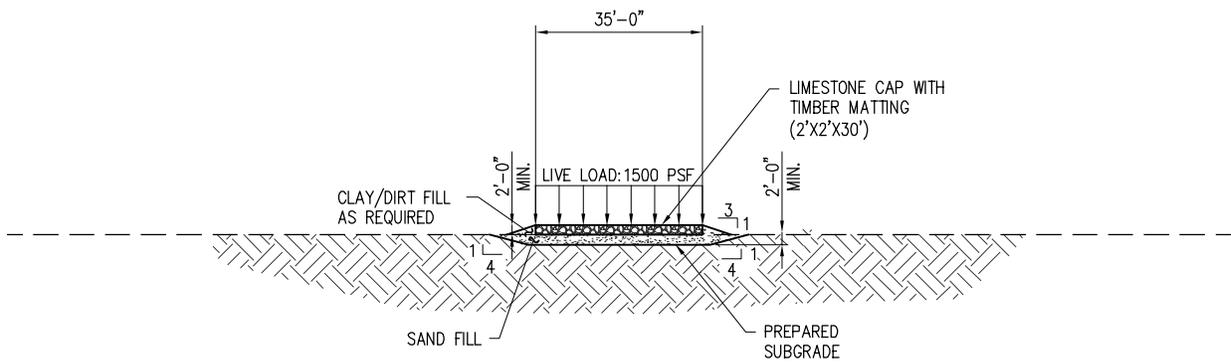
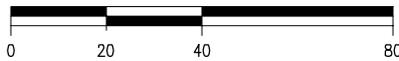
**TEMPORARY HEAVY HAUL LEVEE CROSSING
 TYPICAL HEAVY HAUL ROAD SECTION
 THROUGH RIVER ROAD AND THE LEVEE**

DATE JUN. '15
DESIGN JPL
DRAWN MEW
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CONTRACT 9815
SHEET No.
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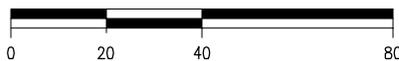
REV H
9815-P6



TYP. ROAD SECTION ON THE BATURE (WHERE FILL REQUIRED)



TYP. ROAD SECTION ON THE BATURE (WHERE EXCAVATION REQUIRED)



REV H
9815-P7

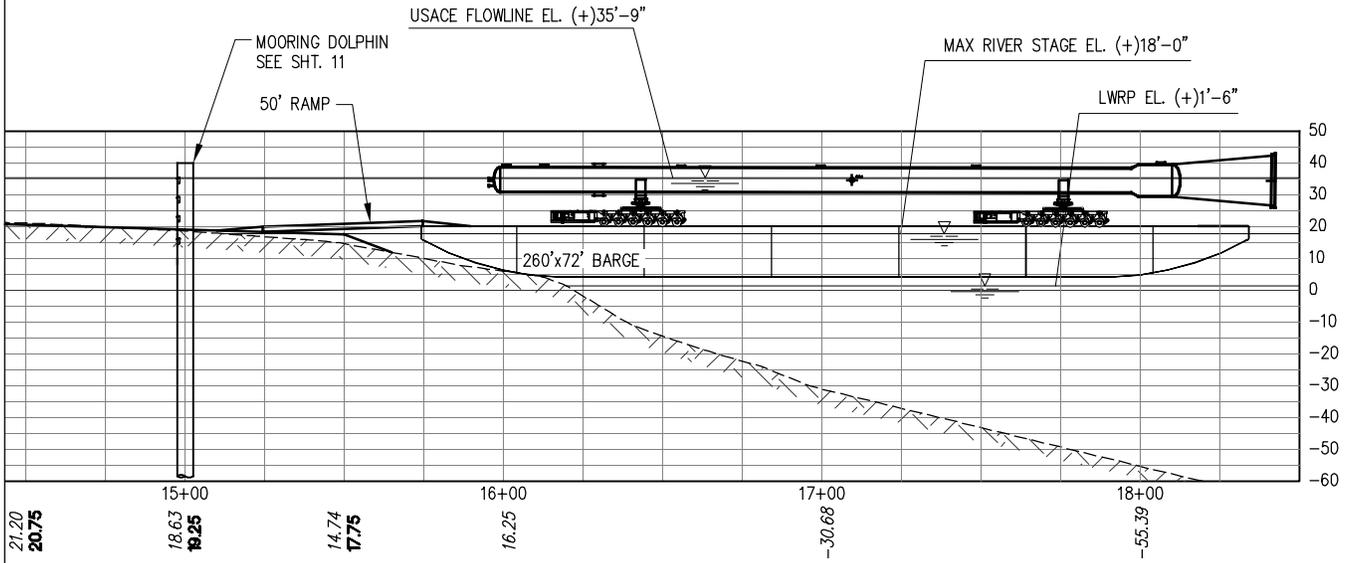
DATE JUN. '15
DESIGN JPL
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CONTRACT 9815
SHEET No.
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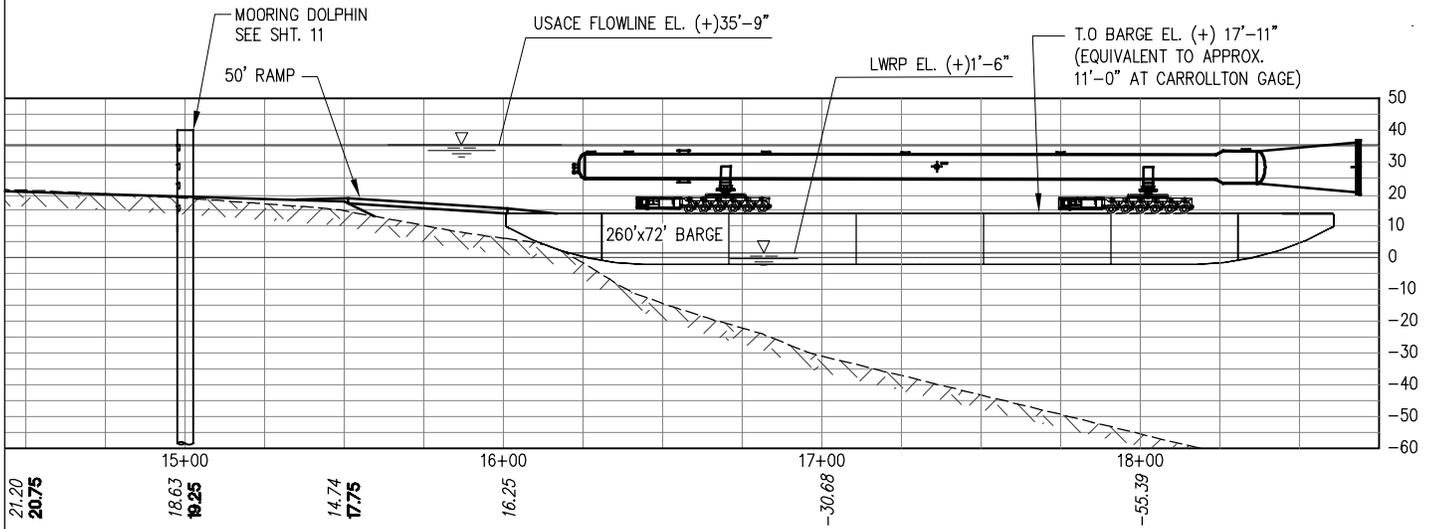
SHELL CHEMICAL LP
GEISMAR LOUISIANA
TEMPORARY HEAVY HAUL LEVEE CROSSING
TYPICAL HEAVY HAUL ROAD SECTION
ON THE BATURE

NOTE: EQUIPMENT TO BE TRANSPORTED WITHOUT STOPPAGE.

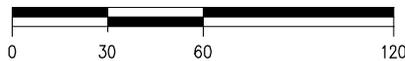
NOTE: BARGE TO BE BALLASTED TO REDUCE RAMP ANGLE



ELEVATION: MAXIMUM ALLOWABLE RIVER STAGE FOR TRANSPORT = 18'-0"
(APPROXIMATE RIVER STAGE AT CARROLLTON GAGE = 11'-0")



ELEVATION: MINIMUM ALLOWABLE RIVER STAGE FOR TRANSPORT = 1'-6" (LWRP)



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9815-P8

DATE JUN. '15
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CONTRACT 9815
SHEET No.

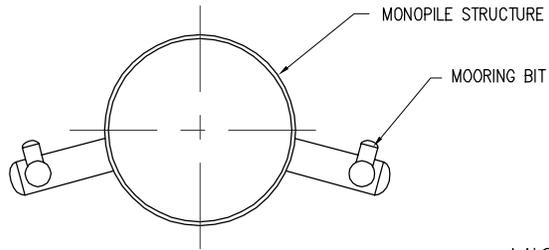
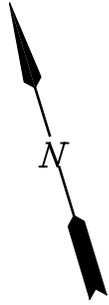
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GEISMAR **SHELL CHEMICAL LP** LOUISIANA

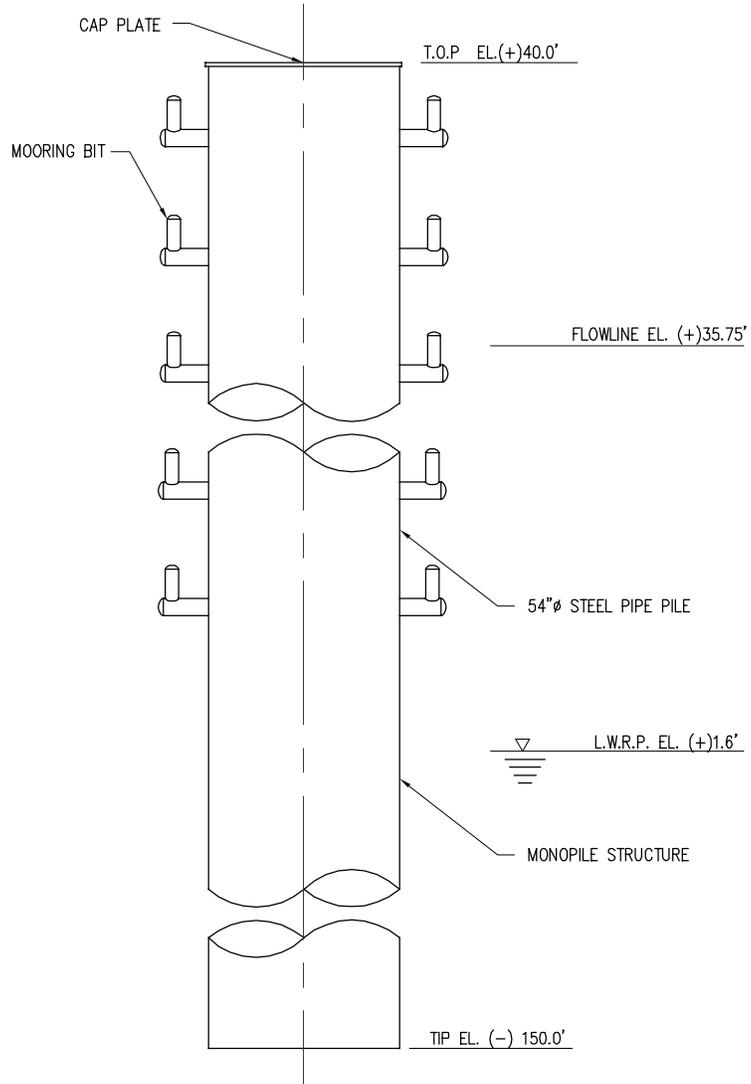
**TEMPORARY HEAVY HAUL LEVEE CROSSING
 HEAVY HAUL ROAD PROFILE**



MISSISSIPPI RIVER

MOORING DOLPHIN PLAN

SCALE: 1/8"=1'-0"



MOORING DOLPHIN ELEVATION

SCALE: 1/8"=1'-0"

REV H
9815-P9



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INCORPORATED
NEW ORLEANS, LA · BEAUMONT, TX

GEISMAR

SHELL CHEMICAL LP

LOUISIANA

**TEMPORARY HEAVY HAUL LEVEE CROSSING
MOORING DOLPHIN
PLAN AND ELEVATION**

DATE JUN. '15
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2/29/2016

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LEGEND

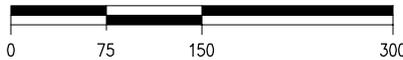
-  WETLANDS 7.95 ACRES
-  IMPACTED HERBACEOUS WETLANDS 0.21 ACRES
-  TOTAL IMPACTED WETLANDS 1.71 ACRES
-  IMPACTED FORESTED WETLANDS 1.5 ACRES



NOTE:

1. A WETLAND DELINEATION WAS CONDUCTED BY CK ASSOCIATES (CK) ON A 14-ACRE SITE (PROJECT AREA) WITHIN THE MISSISSIPPI RIVER BATTURE NEAR GEISMAR, LOUISIANA IN ASCENSION PARISH. MORE SPECIFICALLY, THE PROJECT AREA IS LOCATED AT LATITUDE 30°10'27.76"N AND LONGITUDE 91°00'10.63"W WITHIN SECTION 15, TOWNSHIP 10 SOUTH, AND RANGE 2 EAST. THE WETLAND DELINEATION WAS CONDUCTED IN ACCORDANCE WITH THE ARMY CORPS OF ENGINEERS (USACE) 1987 WETLAND DELINEATION MANUAL AND 2010 ATLANTIC AND GULF COASTAL PLAIN REGIONAL SUPPLEMENT. CK VISITED THE PROJECT AREA ON JUNE 30, 2015 TO DETERMINE THE EXTENT OF POTENTIAL WETLANDS AND OTHER WATERS OF THE US.
2. REF. MVN-2015-01623-5

IMPACTED WETLANDS PLAN



REV H
9815-P10



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INCORPORATED
NEW ORLEANS, LA · BEAUMONT, TX

GEISMAR

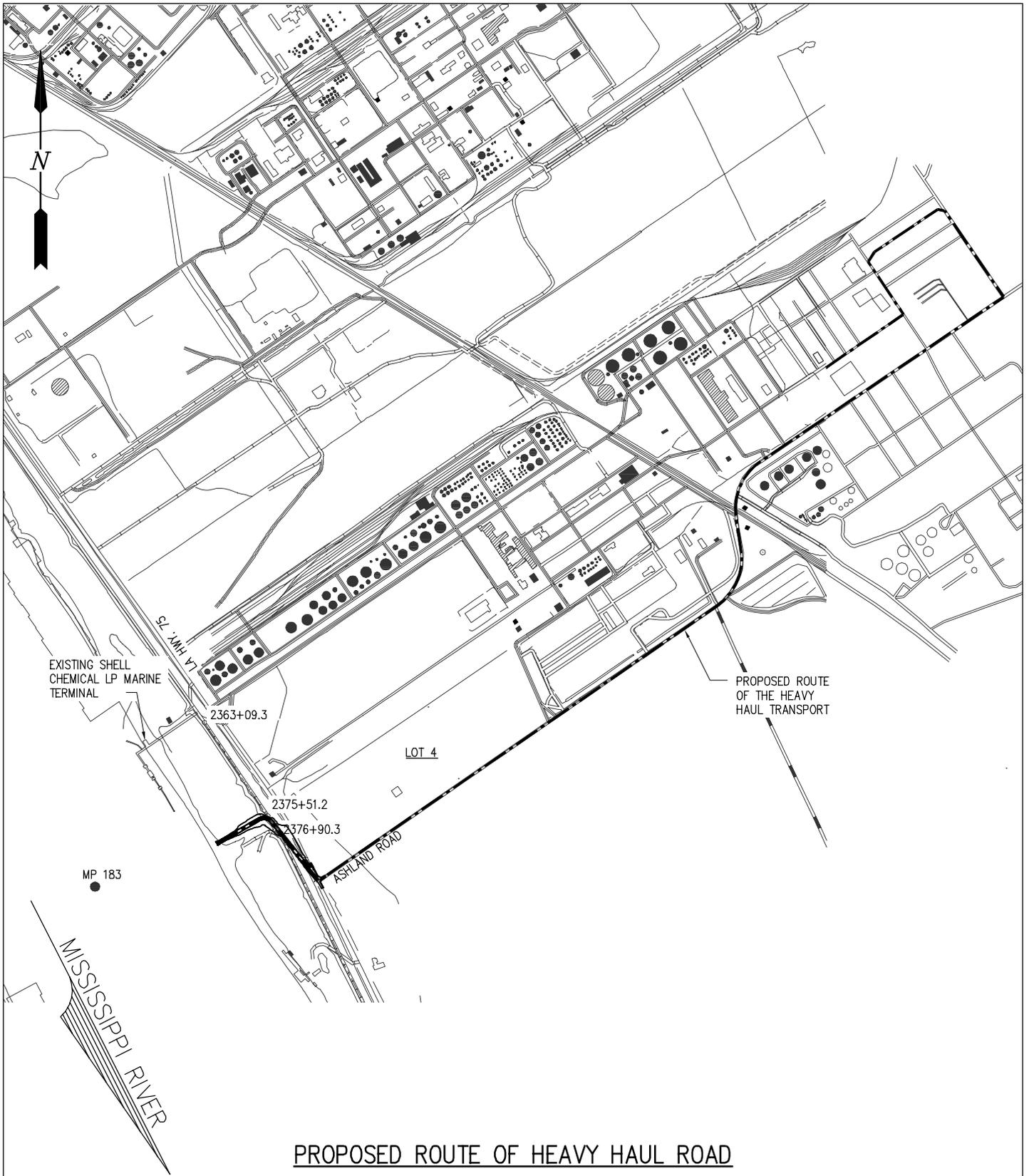
SHELL CHEMICAL LP

LOUISIANA

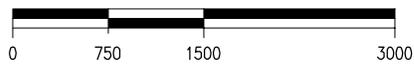
**TEMPORARY HEAVY HAUL LEVEE CROSSING
IMPACTED WETLANDS PLAN**

DATE JUN. '15
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PROPOSED ROUTE OF HEAVY HAUL ROAD



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9815-P11
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 NEW ORLEANS, LA · BEAUMONT, TX

GEISMAR **SHELL CHEMICAL LP** LOUISIANA

TEMPORARY HEAVY HAUL LEVEE CROSSING
PROPOSED ROUTE OF HEAVY HAUL ROAD