

JOINT PUBLIC NOTICE

December 15, 2014

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
Attn: Water Quality Certification
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

(504) 862-2041 FAX (504) 862-2117

robert.m.tewis2@usace.army.mil

Project Manager

Robert Tewis

Permit Application Number

MVN-2008-00030-ETT

(225) 219-3225;

Fax (225) 219-3156

Project Manager

Elizabeth Johnson

WQC Application Number

WQC 141215-01

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

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: Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or 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).

MODIFY AN EXISTING CORPS PERMIT FOR THE EXPANSION OF OIL REFINERY LOCATED IN ST. CHARLES PARISH, LOUISIANA

NAME OF APPLICANT: Valero St. Charles Refinery, c/o ENVIRON International Corp., Attention: Adam Goodine, 1055 St. Charles Avenue, Ste. 501, New Orleans, Louisiana 70130.

LOCATION OF WORK: The project site is adjacent to the existing Valero St. Charles Refinery (VSCR) and abuts the south side of Highway 627 located within Section 07, Township 12 South, Range 08 East, in Norco, St. Charles Parish, Louisiana.

FILE HISTORY: The project is currently in progress. The original CEMVN permit (# MVN-2008-00030-ETT) was issued on July 11, 2008, authorizing direct impacts to ± 67.59 acres of wetlands. An additional ± 0.43 acre of impacts located within a mowed and maintained easement were authorized via a subsequent permit modification. Compensatory mitigation has been provided for direct wetland impacts by the purchase of 218.5 wetland credits from the Sawgrass Bayou Mitigation Bank, a CEMVN approved mitigation bank. To date the project has impacted ± 50.39 acres of the ± 68.02 acres authorized by the existing permit.

CHARACTER OF WORK: Revised project plans include reduction in size of aromatics recovery unit (ARU) designed to convert refinery and third party processing stream (by products) into marketable

products. The modification will also result in the elimination of the proposed continuous catalytic reformer (CCR). A Hydrogen Plant would be constructed instead of the CCR to provide additional hydrogen to the refineries hydrocracking unit (HCU). The HCU converts gas oils to useable fuels. All other required revisions and structural changes to the project such as construction of an Entergy (electric) substation, realignment of storage tanks, pipe racks, roads and parking areas will occur within the authorized footprint as well. The applicant contends that the proposed modifications will allow the VSCR to adapt to and increase its economic viability in the current refined fossil fuel products market. The proposed revisions would take place within the authorized project footprint with no additional wetland impacts; therefore, no additional mitigation is 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.

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 any 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.

All revised work will occur within the previously authorized footprint. The Corps initial finding is that the proposed work would not affect any Endangered Species Act (ESA) listed species; nor would it affect any habitat designated as critical to the survival and recovery of an ESA listed species.

This notice initiates the EFH consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The proposal is not expected to result in any adverse impacts to EFH or any federally managed fisheries of 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 NMFS.

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 permit is issued.

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 receives approval or a waiver of the Coastal Use Permit by the Department of Natural Resources.

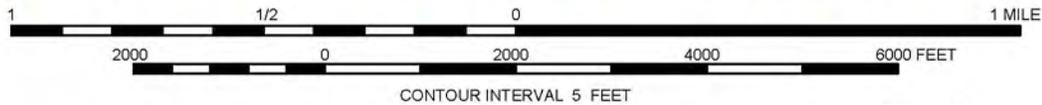
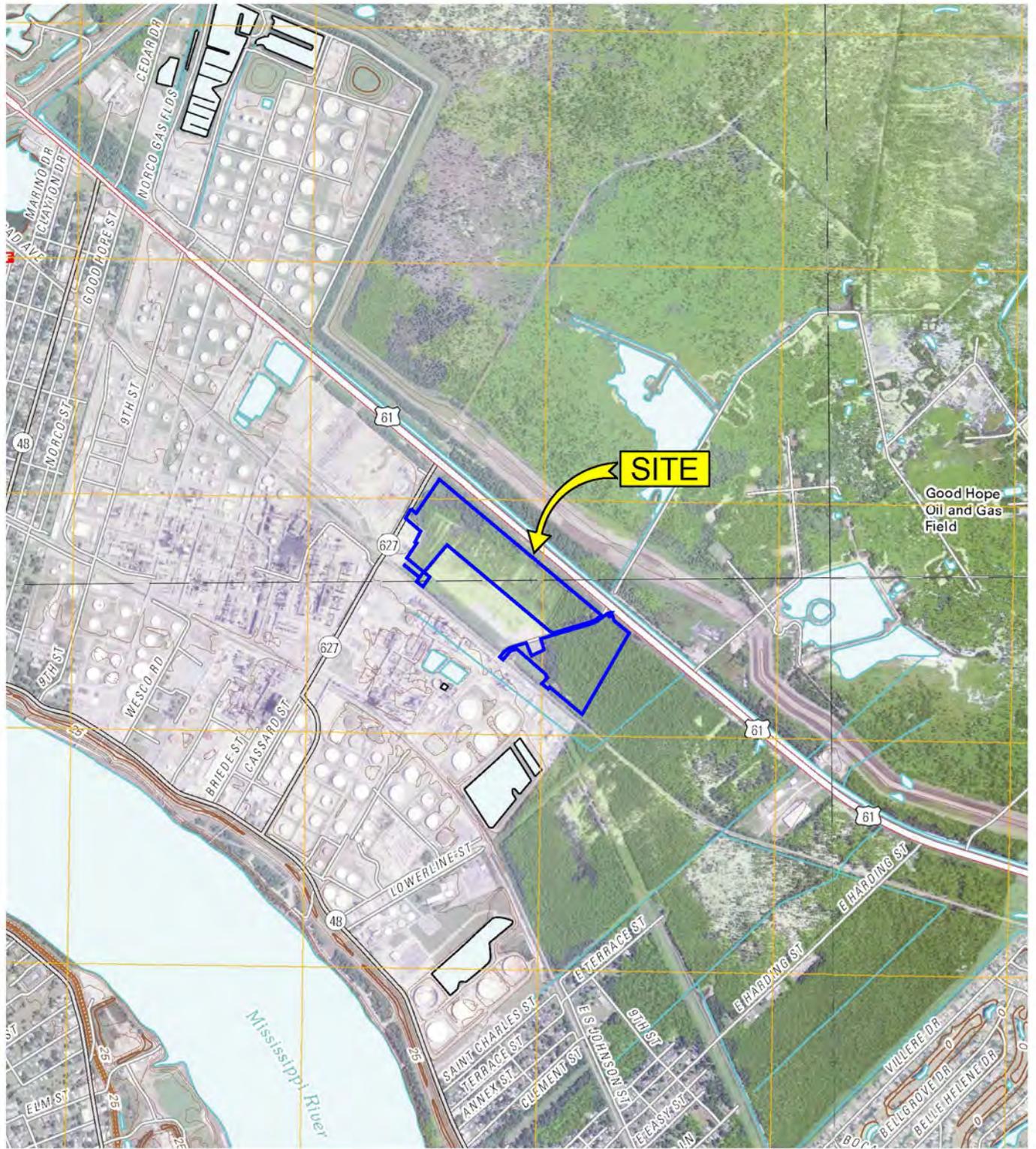
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

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.

Michael V. Farabee
Chief, Eastern Evaluation Section
Regulatory Branch

Attachments

C:\Users\prodiguez.ENVIRONCORP\Desktop\Projects\261VSCR_2013 CUP Mod for BTX_2623333AE17_Site Location Map.dwg



SOURCE: U.S.G.S. 7.5 minute series (topographic)
 Hahnville, Louisiana Quadrangle, 2012.
 LaPlace, Louisiana Quadrangle, 2012.
 Luling, Louisiana Quadrangle, 2012.
 LaBranch, Louisiana Quadrangle, 2012.

Legend	
	Proposed Overall Project Boundary



SITE LOCATION MAP
 VALERO EXPANSION PROJECT - NORTH PLANT
 ST. CHARLES PARISH, LOUISIANA

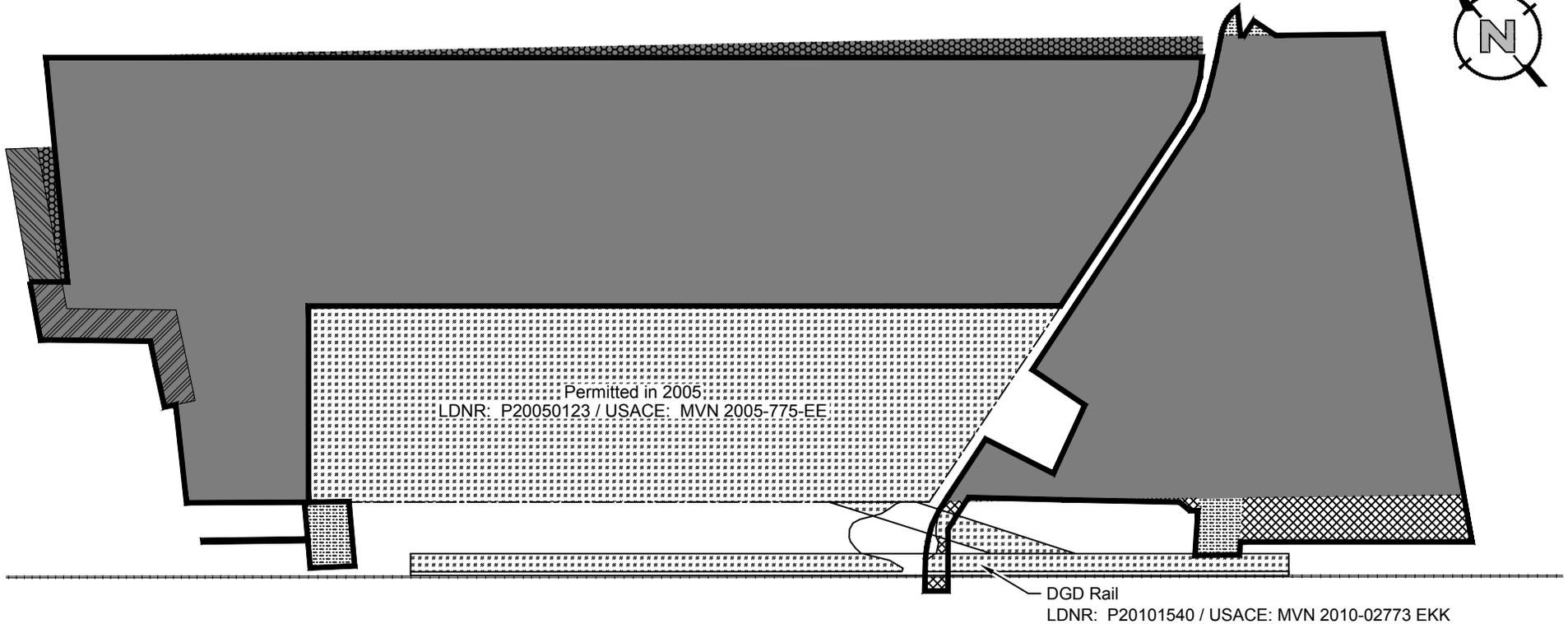
FIGURE
17

DRAFTED BY: APR

DATE: 11/11/14

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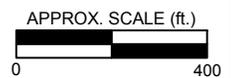
U.S. Highway 61 - Airline Highway



	Proposed Overall Project Boundary		Wetlands Impacts Authorized Under Other Permits
	Original 2008 Permit Boundary Per P20071810		Uplands Area Outside of Project Boundary
	Wetlands Authorized for Impact in 2008 now Excluded from Project Boundary		Uplands Area Included in Project Boundary
	Additional Wetland Impacts Proposed Under this Modification		Wetland Impacts Areas in 2012 Modification

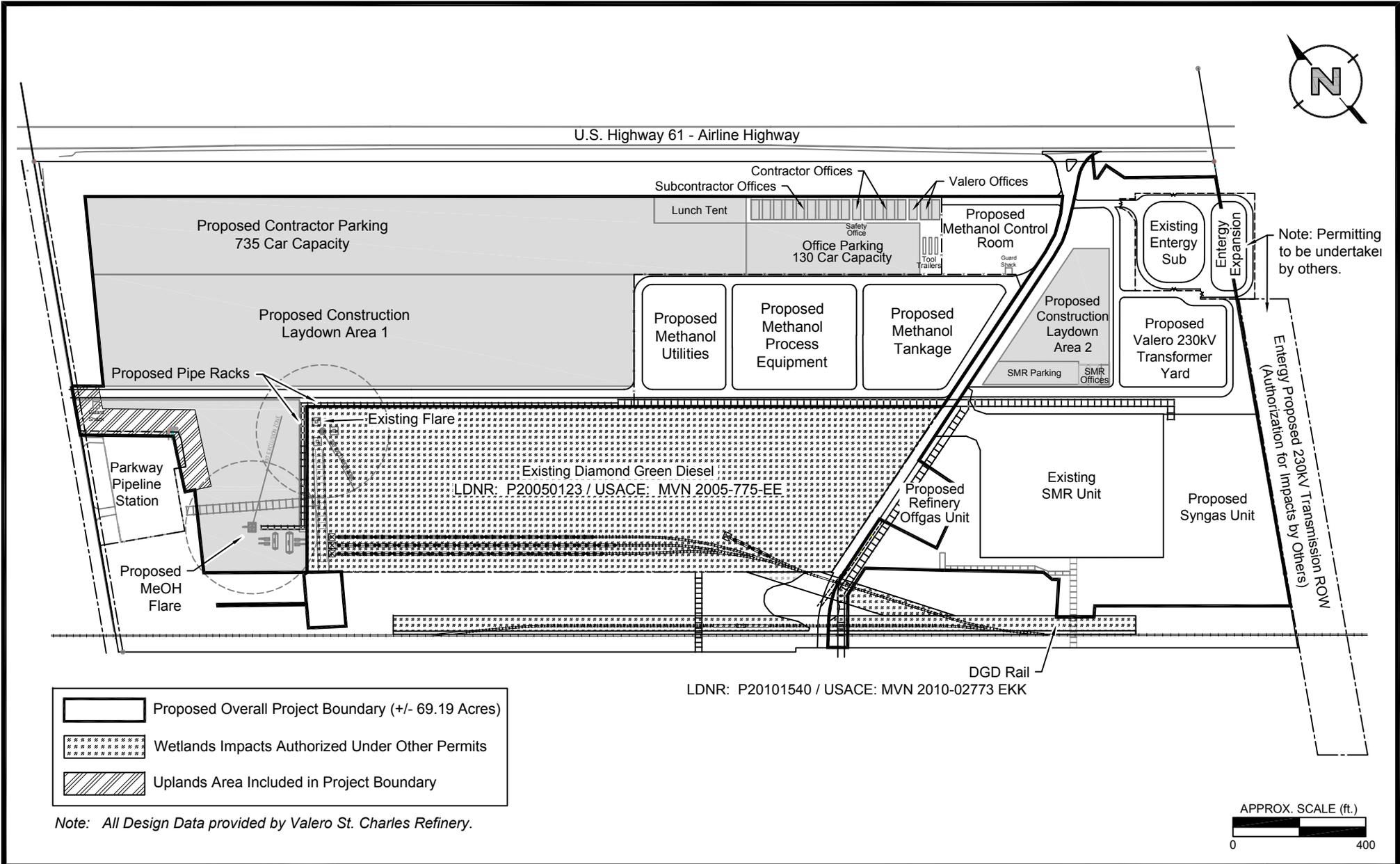
Note: All Design Data provided by Valero St. Charles Refinery.

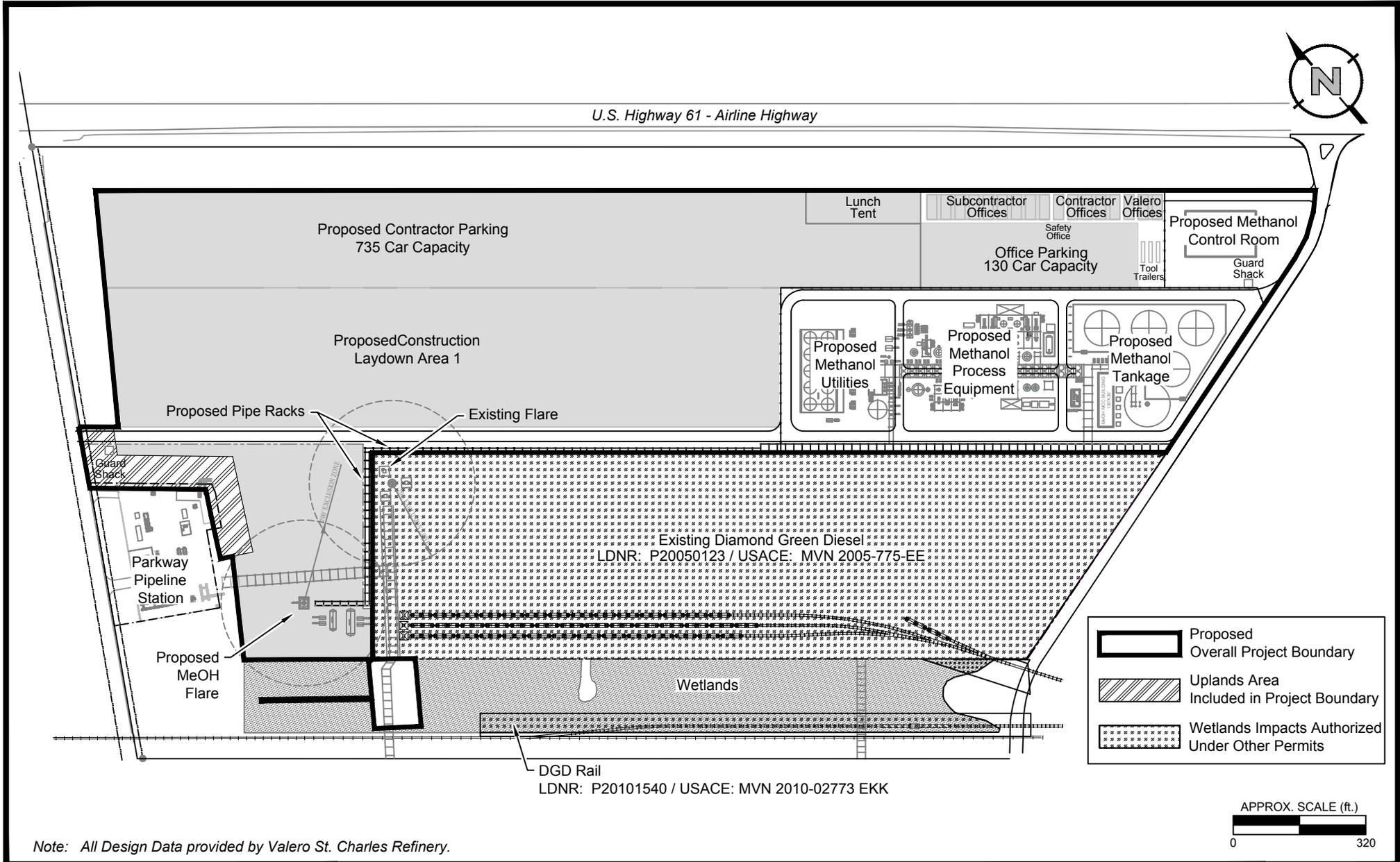
	Wetlands	Uplands	Total
Impacts Under P20071810	67.59	1.75	69.34
P20071810 (Rev) 2011	0.43	0.0	0.43
Total Previous Impacts	68.02	1.75	69.77
Proposed Additions	1.97	0.04	1.75
Offsetting Reductions	(1.97)	(0.62)	(2.58)
Total Project Impacts	0.00	(0.58)	(0.84)
Total Post Project Impacts	68.02	1.17	69.19



WETLANDS BOUNDARY COMPARISON
 VALERO EXPANSION PROJECT - NORTH PLANT
 ST. CHARLES PARISH, LOUISIANA

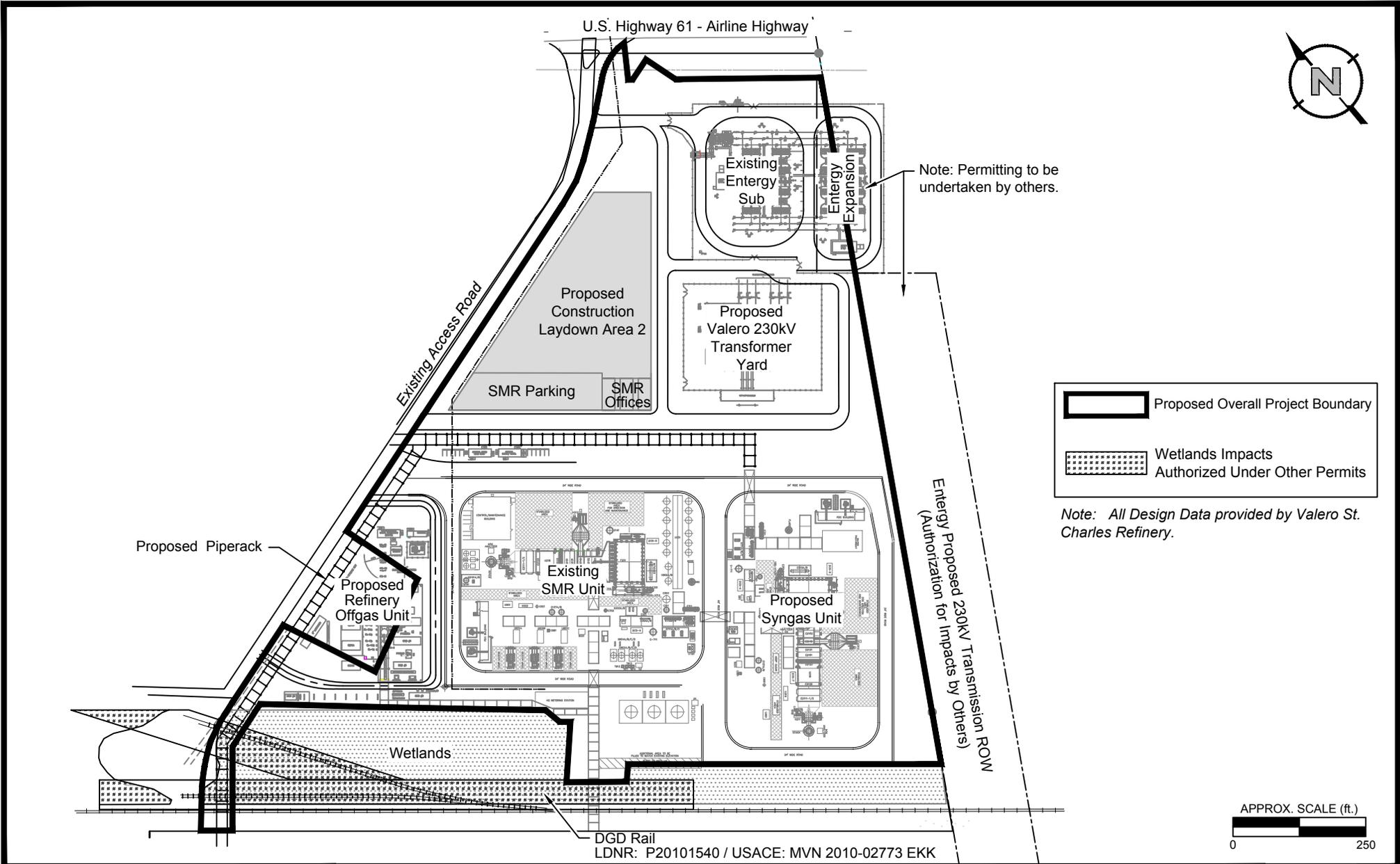
FIGURE
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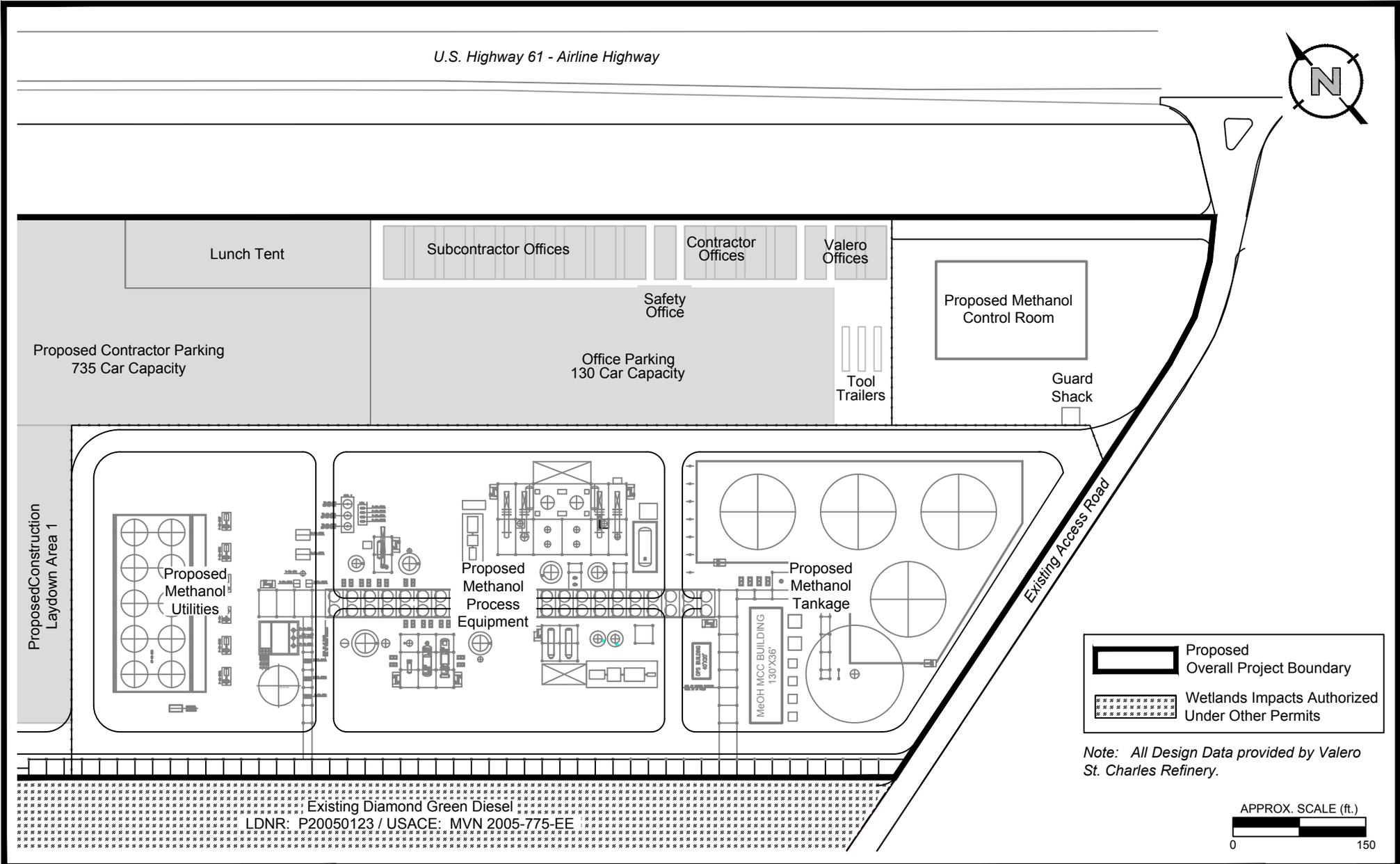
REVISED SITE PLAN - WEST DETAIL
VALERO EXPANSION PROJECT - NORTH PLANT
ST. CHARLES PARISH, LOUISIANA

FIGURE
20



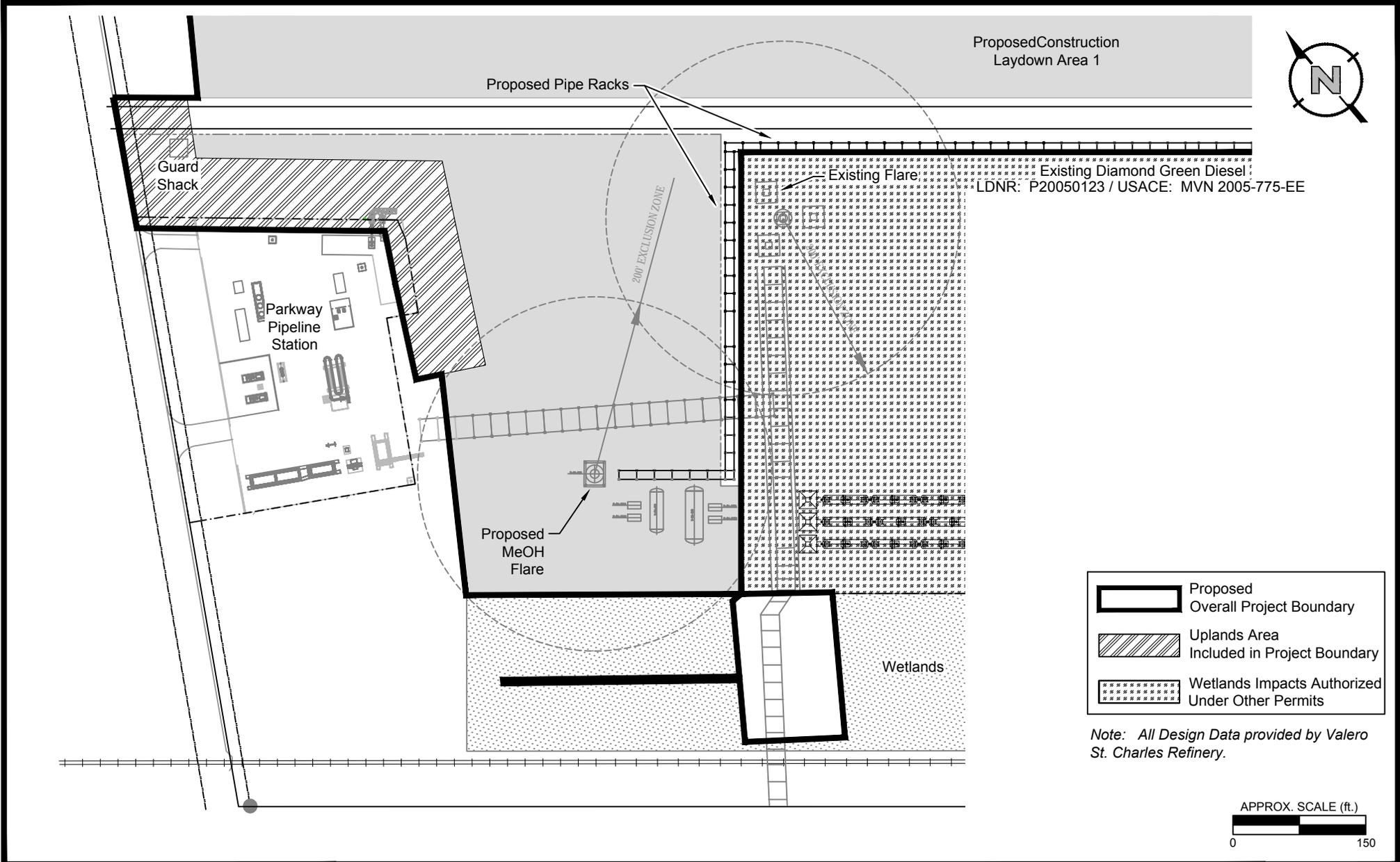
REVISED SITE PLAN - EAST DETAIL
VALERO EXPANSION PROJECT - NORTH PLANT
ST. CHARLES PARISH, LOUISIANA

FIGURE
21



DETAILED VIEW - METHANOL UNIT
VALERO EXPANSION PROJECT - NORTH PLANT
ST. CHARLES PARISH, LOUISIANA

FIGURE
22



-  Proposed Overall Project Boundary
-  Uplands Area Included in Project Boundary
-  Wetlands Impacts Authorized Under Other Permits

Note: All Design Data provided by Valero St. Charles Refinery.



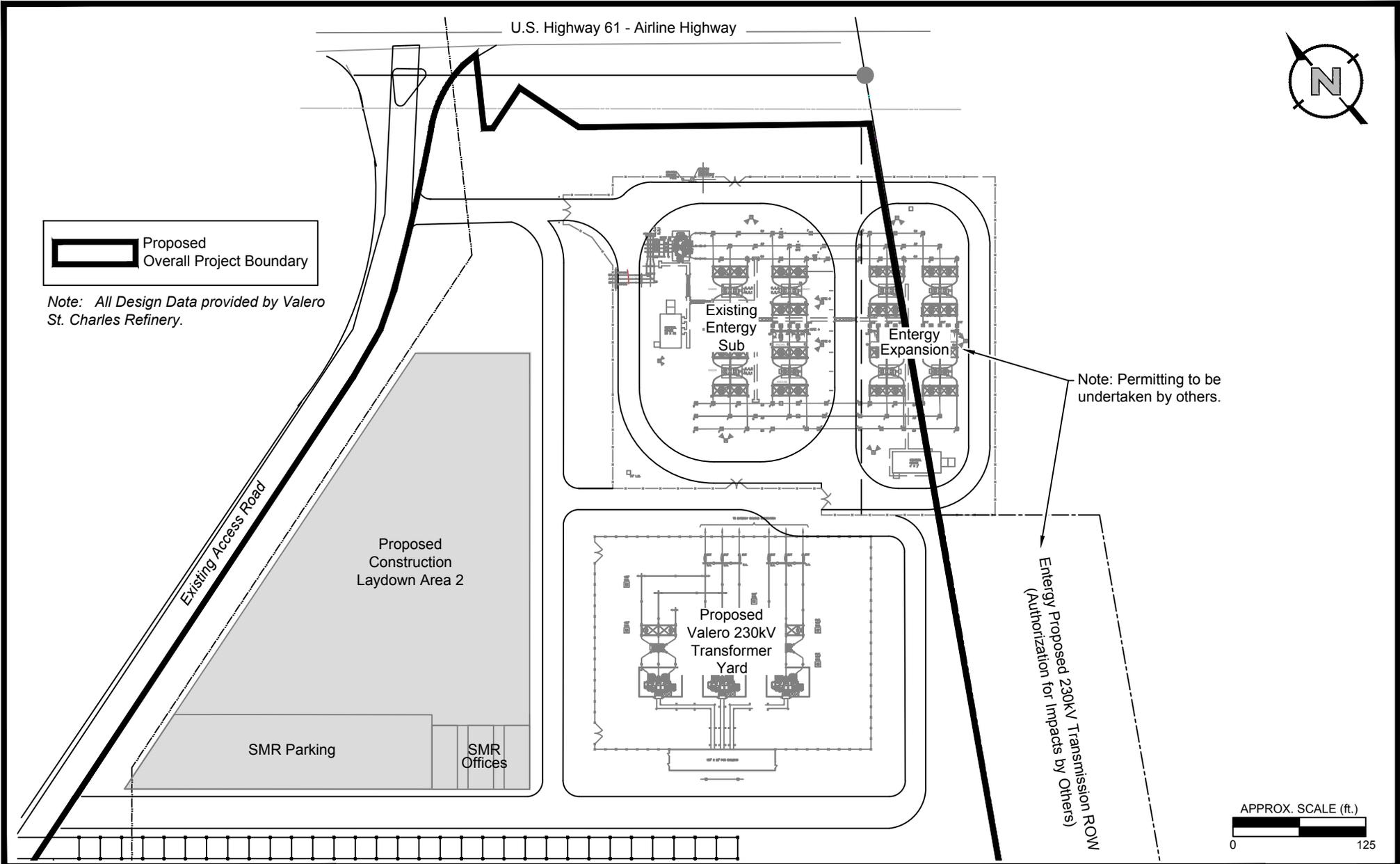

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DETAILED VIEW - METHANOL FLARE
VALERO EXPANSION PROJECT - NORTH PLANT
ST. CHARLES PARISH, LOUISIANA

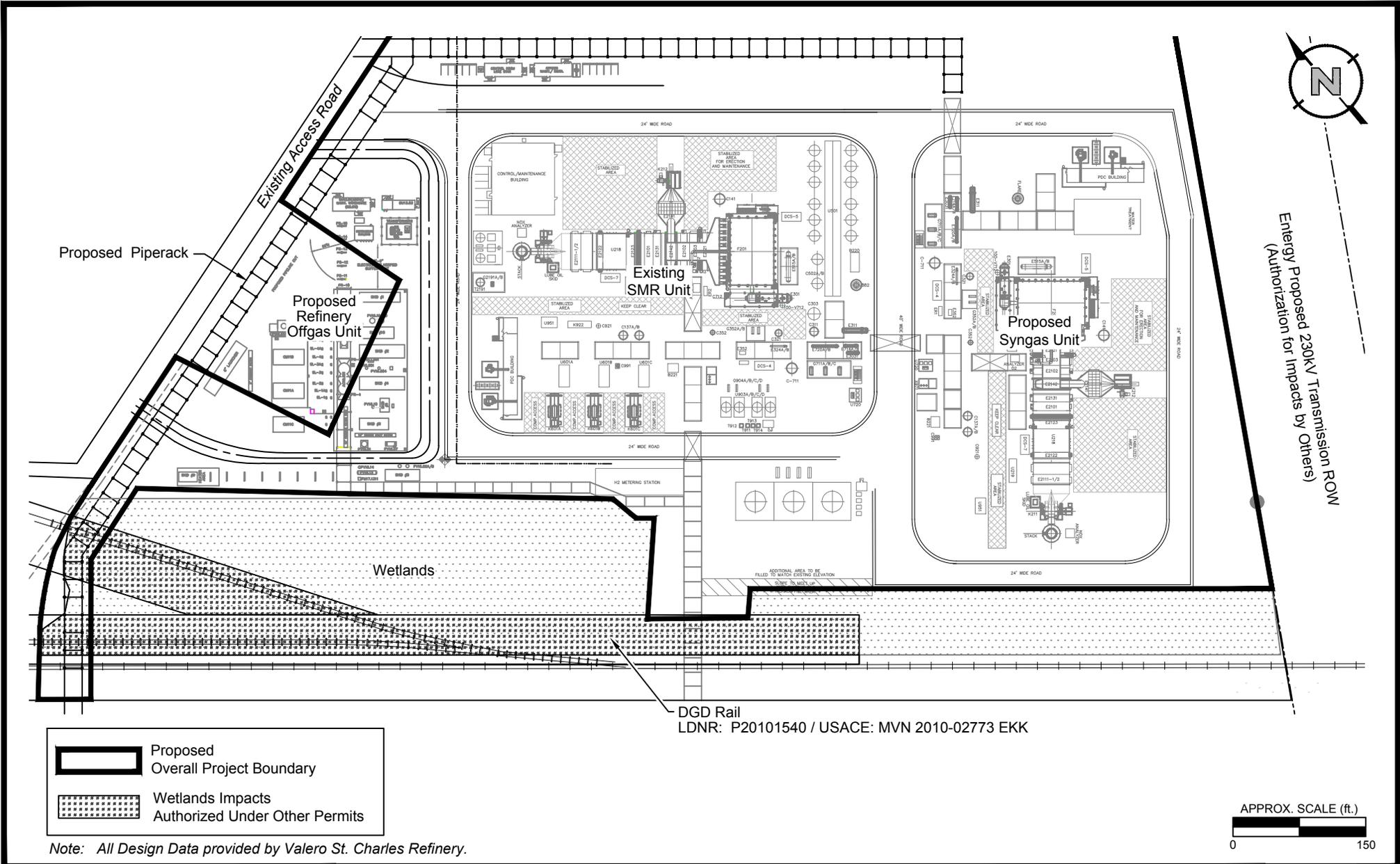
FIGURE
23

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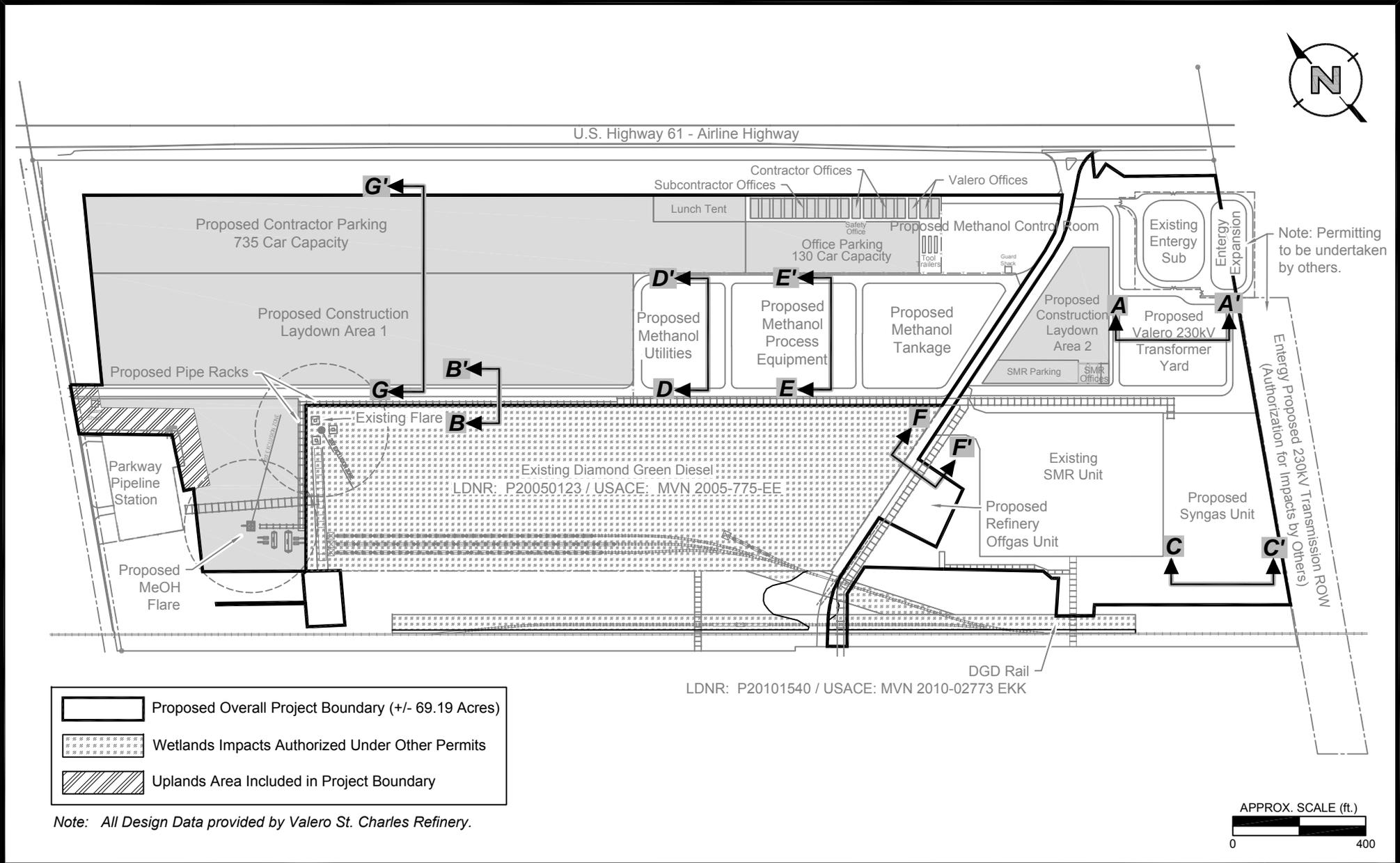
DETAILED VIEW - ENTERGY & VALERO TRANSFORMER YARD
VALERO EXPANSION PROJECT - NORTH PLANT
ST. CHARLES PARISH, LOUISIANA

FIGURE
24



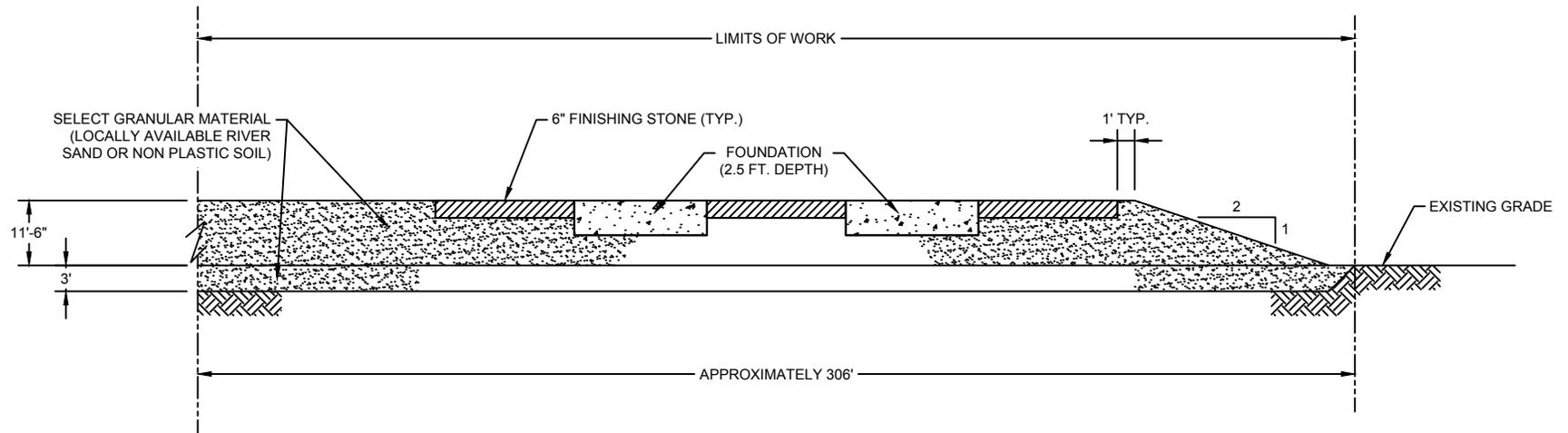
DETAILED VIEW - REFINERY OFFGAS UNIT AND SYNGAS OFFGAS UNIT
 VALERO EXPANSION PROJECT - NORTH PLANT
 ST. CHARLES PARISH, LOUISIANA

FIGURE
25



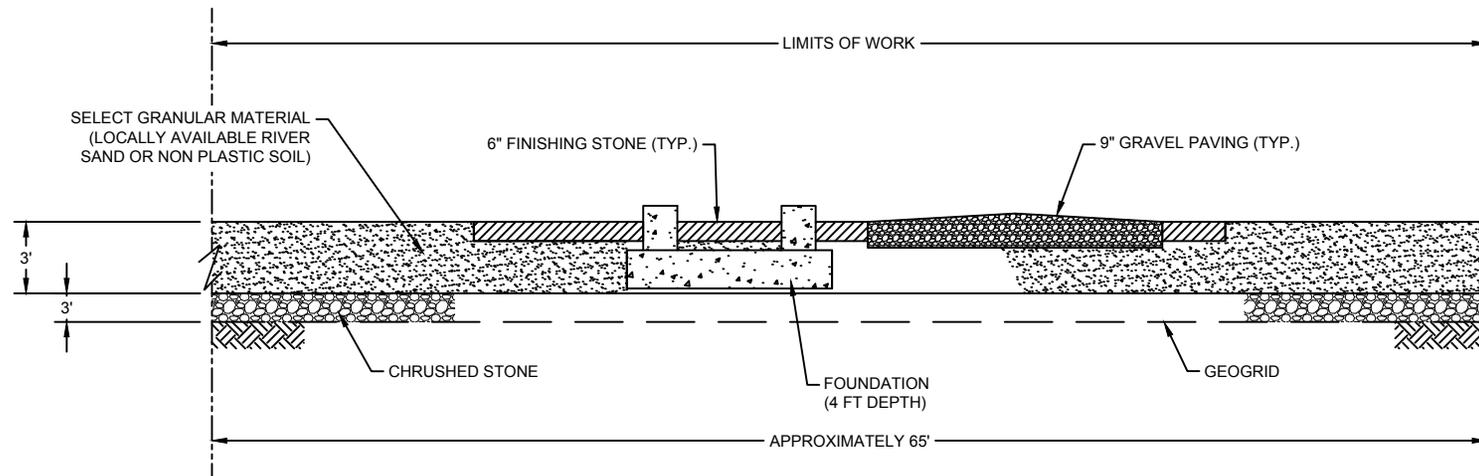
CROSS-SECTION LOCATION MAP
VALERO EXPANSION PROJECT - NORTH PLANT
ST. CHARLES PARISH, LOUISIANA

FIGURE
26



TYPICAL CROSS-SECTION A-A' - POWER SWITCHYARD

NOT TO SCALE



TYPICAL CROSS-SECTION B-B' - FLARE RACK

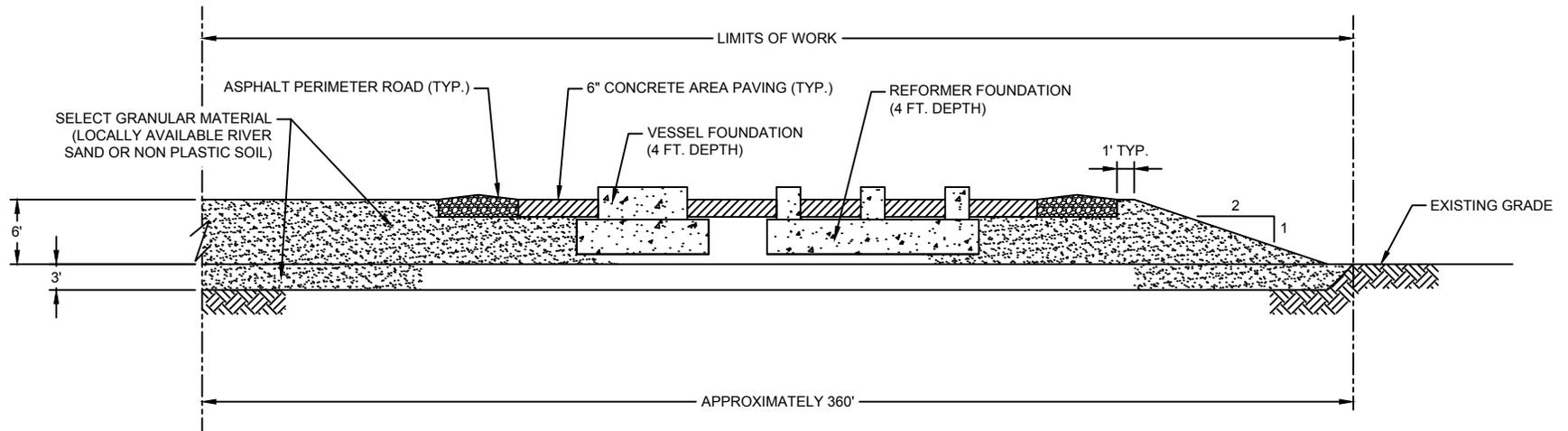
NOT TO SCALE

Note: All Design Data provided by Valero St. Charles Refinery.



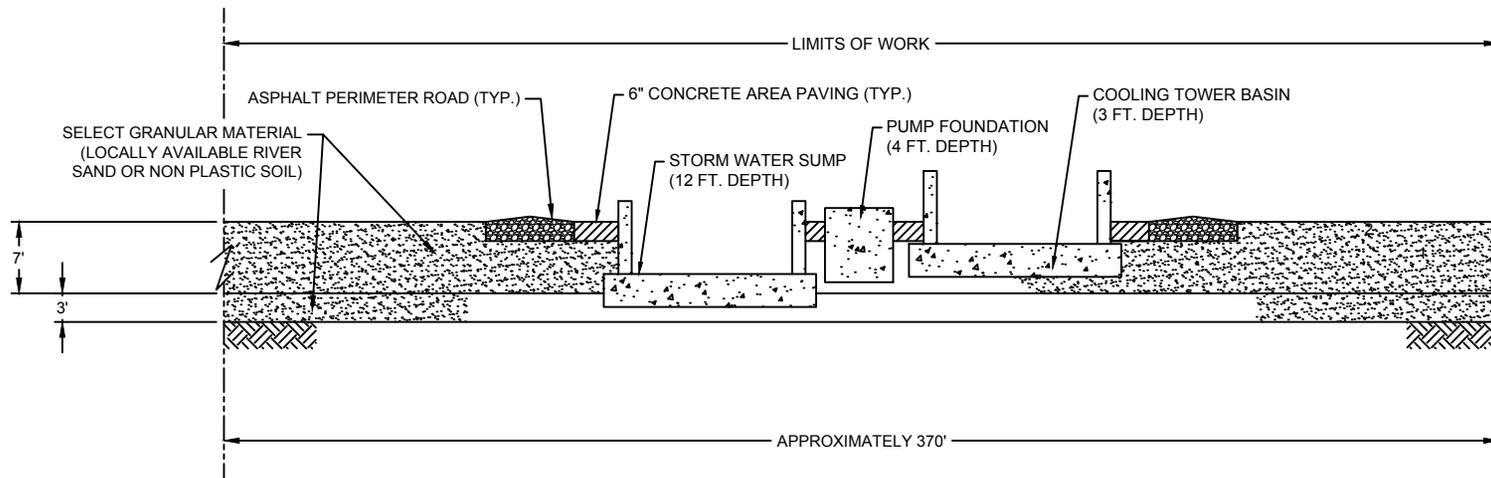
CROSS-SECTIONS A-A' AND B-B'
 VALERO EXPANSION PROJECT - NORTH PLANT
 ST. CHARLES PARISH, LOUISIANA

FIGURE
27



TYPICAL CROSS-SECTION C-C' - SYNGAS SMR

NOT TO SCALE



TYPICAL CROSS-SECTION D-D' - MeOH UTILITIES AREA

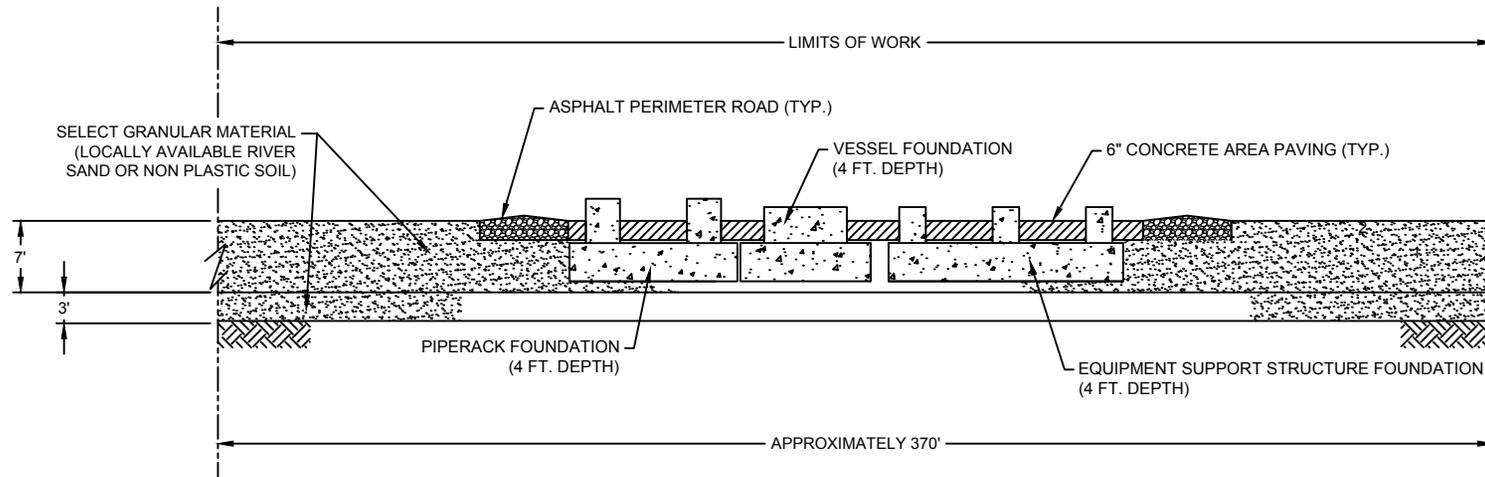
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Note: All Design Data provided by Valero St. Charles Refinery.



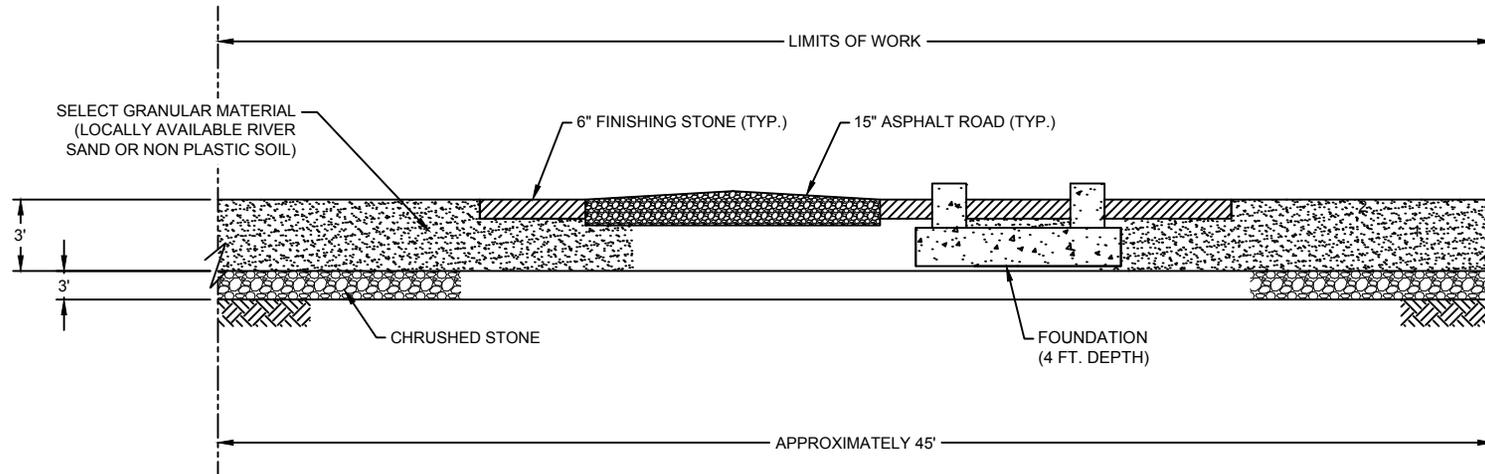
CROSS-SECTIONS C-C' AND D-D'
VALERO EXPANSION PROJECT - NORTH PLANT
ST. CHARLES PARISH, LOUISIANA

FIGURE
28



TYPICAL CROSS-SECTION E-E' - METHANOL ISBL

NOT TO SCALE



TYPICAL CROSS-SECTION F-F' - NORTH PLANT ROAD

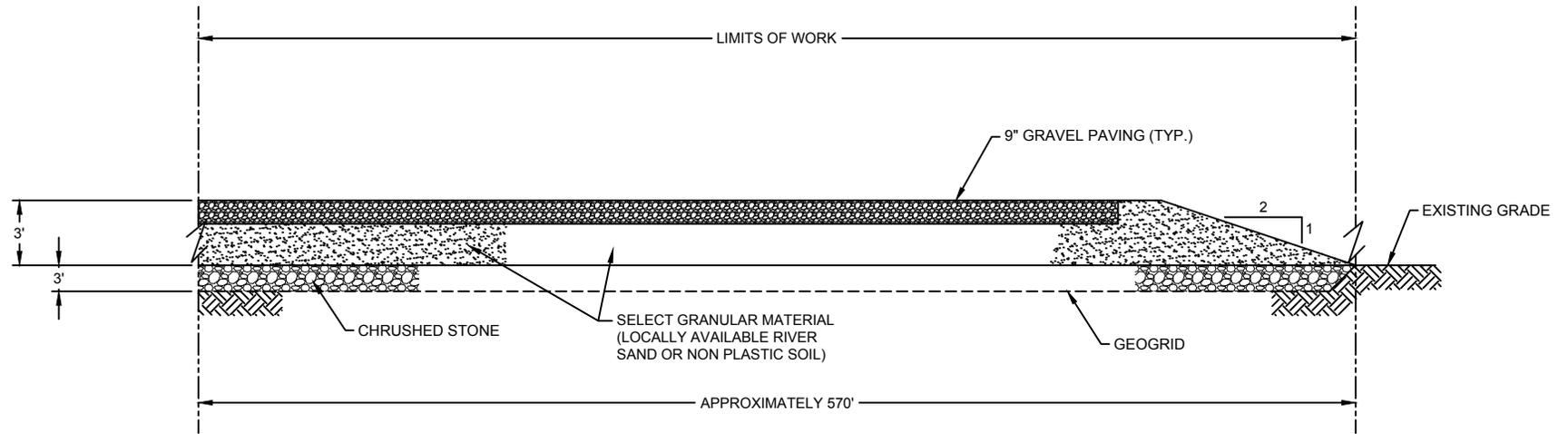
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Note: All Design Data provided by Valero St. Charles Refinery.



CROSS-SECTIONS E-E' AND F-F'
VALERO EXPANSION PROJECT - NORTH PLANT
ST. CHARLES PARISH, LOUISIANA

FIGURE
29



TYPICAL CROSS-SECTION G-G' - LAYDOWN/PARKING

NOT TO SCALE

Note: All Design Data provided by Valero St. Charles Refinery.



CROSS-SECTION G-G'
VALERO EXPANSION PROJECT - NORTH PLANT
ST. CHARLES PARISH, LOUISIANA

FIGURE
30

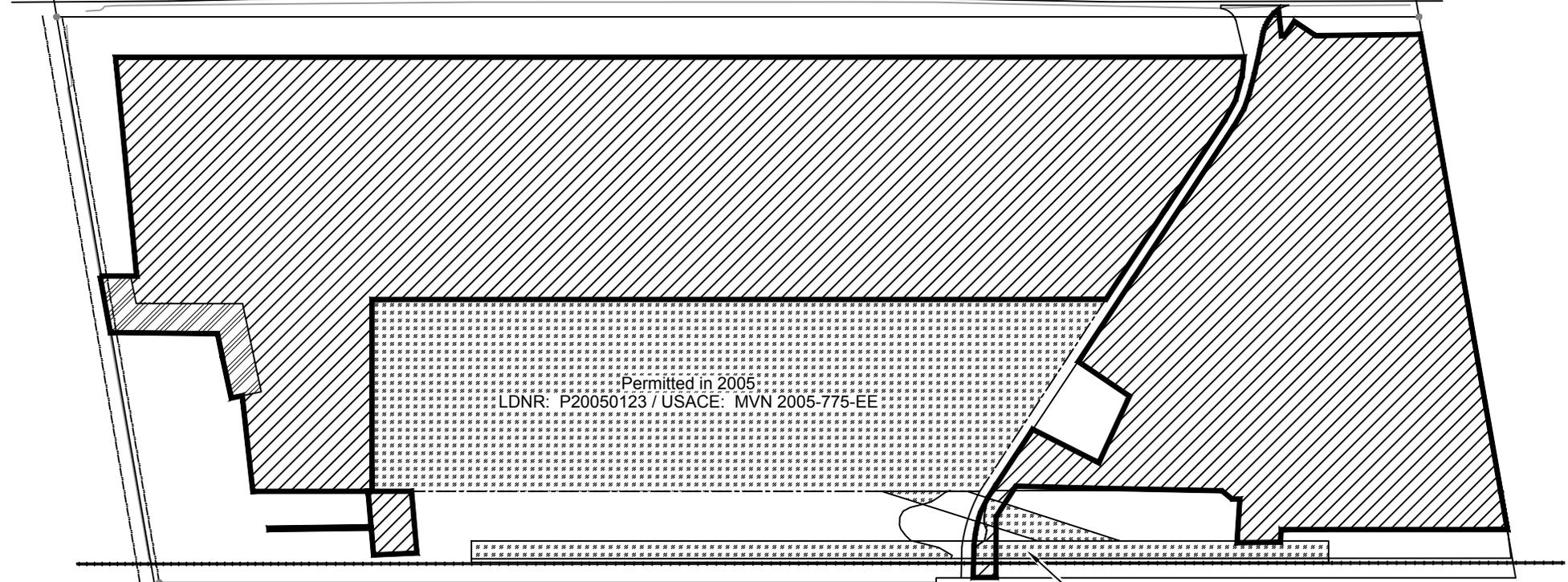
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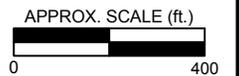
U.S. Highway 61 - Airline Highway



DGD Rail
LDNR: P20101540 / USACE: MVN 2010-02773 EKK

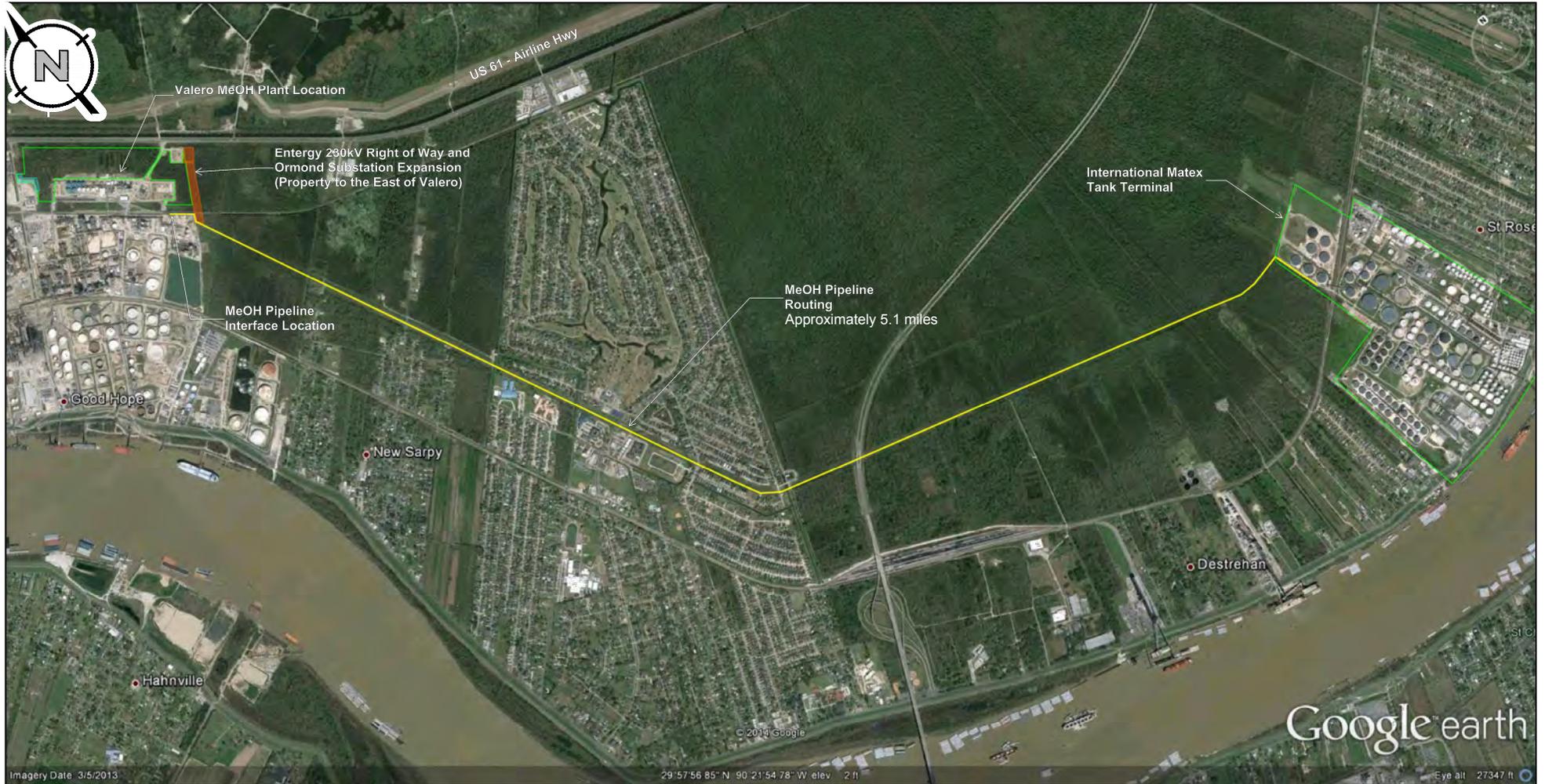
	Proposed Overall Project Boundary		Uplands Area Included in Project Boundary
	Wetlands Impacts Authorized Under Other Permits		Project Wetlands Impacts (+/-68.02 acres)

Note: All Design Data provided by Valero St. Charles Refinery.



WETLANDS IMPACTS MAP
VALERO EXPANSION PROJECT - NORTH PLANT
ST. CHARLES PARISH, LOUISIANA

FIGURE
31



NOT TO SCALE



REGIONAL DEVELOPMENT MAP - PLANNED PIPELINE ROUTE
VALERO EXPANSION PROJECT - NORTH PLANT
ST. CHARLES PARISH, LOUISIANA

FIGURE
32

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