JOINT PUBLIC NOTICE

October 28, 2013

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

Project Manager: James W. Little, Jr. (225)342-3099/FAX: 342-9439

James.little@usace.army.mil

Permit Application Number:

MVN-2013-00951-WII

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

Project Manager: Jamie Phillippe (225)219-3225/FAX: (225) 219-3156 WQC Application Number WQC 130710-01

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, 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 (P.L.95-17).

CONSTRUCT A NEW CRUDE OIL PIPELINE IN ELEVEN PARISHES

NAME OF APPLICANT: SHELL PIPELINE COMPANY, LP, c/o Wood Group Mustang, Inc., Attn: Mr. Gary Allison, 16001 Park Ten Place, Houston, Texas 77084.

LOCATION OF WORK: Within a 204 mile long pipeline corridor beginning at a tie-in point at the Shell St. James facility, proceeding westward, terminating in Port Neches, Texas, in St. James, Assumption, Ascension, Iberville, St. Martin, Lafayette, Vermilion, Acadia, Jefferson Davis, Calcasieu and Cameron Parish, Hydrologic Unit Codes 08070300(Lower Grand), 08080101(Atchafalaya), 08080102(Bayou Teche), 08080103(Vermilion), 08080202(Mermentau), 08080206(Lower Calcasieu), 08090301(East Central Louisiana), 08090302(West Central Louisiana Coast), and 12010005(Lower Sabine), as shown on the attached drawings.

CHARACTER OF WORK: Clear rights-of-way, conduct trenching operations, temporarily stockpile and backfill with approximately 5,122,114 cubic yards of native earthen material, approximately 18,726 cubic yards of gravel and 4,436 cubic yards of concrete; all as necessary to install approximately 204 miles of 36-inch crude oil pipeline, three new pumping stations and 39 mainline valve (MLV) sites. Project implementation would impact approximately 212.22 acres through conversion of habitat on the permanent right of way, 365.16 acres through temporary construction right of way and workspaces, and the permanent impact of 13.47 acres due to fill, for a total of 590.85 acres of jurisdictional wetlands impacted. The pipeline right-of-way will have an overall 75' wide construction right-of-way, of which 50' will be maintained as permanent right-of-way. The applicant proposes to compensate for project related unavoidable wetland impacts by purchasing mitigation at a Corps approved mitigation bank within the New Orleans 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 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. Individuals or parties may request an extension of time in which to comment on the proposed work by writing, faxing, 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. 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.

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 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 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 103.4 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.

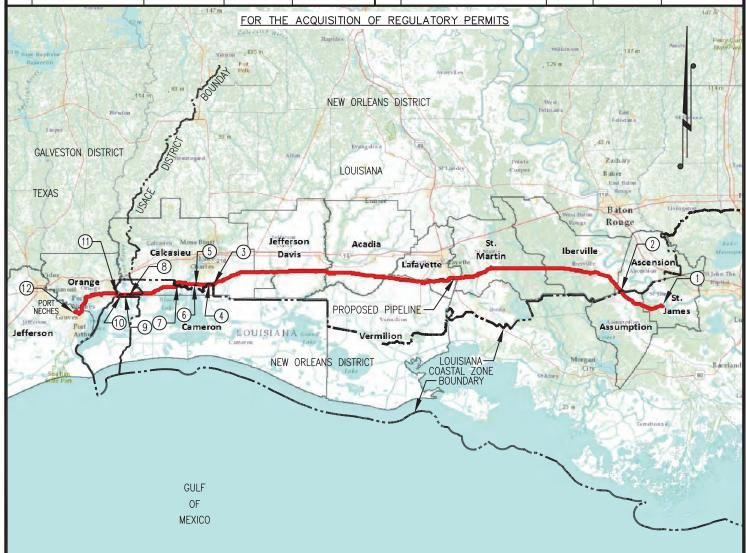
The applicant has certified that the proposed activity described in the application complies with and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. The Department of the Army Permit will not be issued unless the applicant received approval or a waiver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

Darrell S. Barbara Chief, Western Evaluation Section Regulatory Branch

Enclosures

TAG	DESCRIPTION	LINEAR DISTANCE	LAT. (NAD83)	LONG. (NAD 83)	TAG	DESCRIPTION	DET. SH.		LONG. (NAD 83)
1	1 BEGIN 36" PIPELINE LILES 45 46		30°00'20.8" 90°51'46.2"		8	ENTER: SWG EXIT: MVN		30°03'07.8"	93°43'11.0"
	LIVILIN COASTAL ZONL	MILES=15.46'			9	EXIT: SWG ENTER: MVN		30°03'07.8"	93°43'00.8"
2	EXIT COASTAL ZONE	FEET=81,604.76'	30°04'36.6"	91°04'51.0"	10	ENTER: SWG EXIT: MVN		30°03'12.3"	93°43'05.9"
3	ENTER COASTAL ZONE	MILES=2.12'	30°06'08.9"	93°12'48.4"	12	END 36" PIPELINE		29°58'35.5"	93°55'44.2"
4	EXIT COASTAL ZONE	FEET=11,173.26'	30°06'09.6"	93°14'55.5"					
5	ENTER COASTAL ZONE	MILES=0.32'	30°06'13.3"	93°18'23.8"					
6	EXIT COASTAL ZONE	FEET=1,666.68'	30°06'14.2"	93°18'42.8"					
7	ENTER COASTAL ZONE	MILES=20.09'	30°05'56.8"	93°24'07.8"					
11	EXIT COASTAL ZONE	FEET=106,089.17'	30°03'17.7"	93°43'12.1"					
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VICINITY MAP

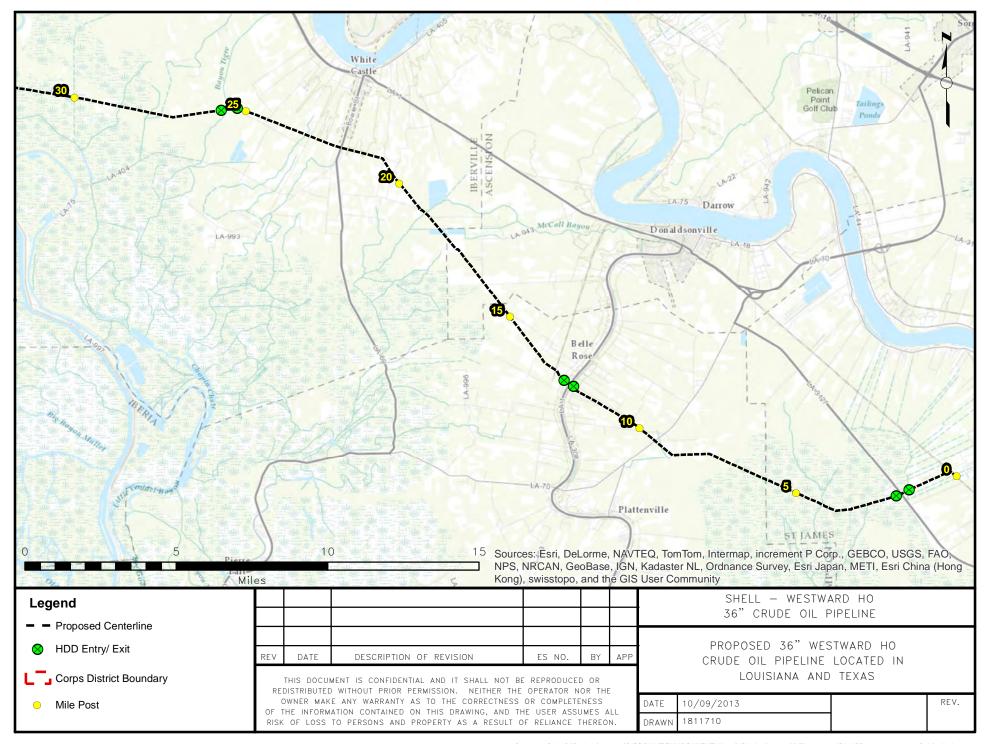
NOT TO SCALE

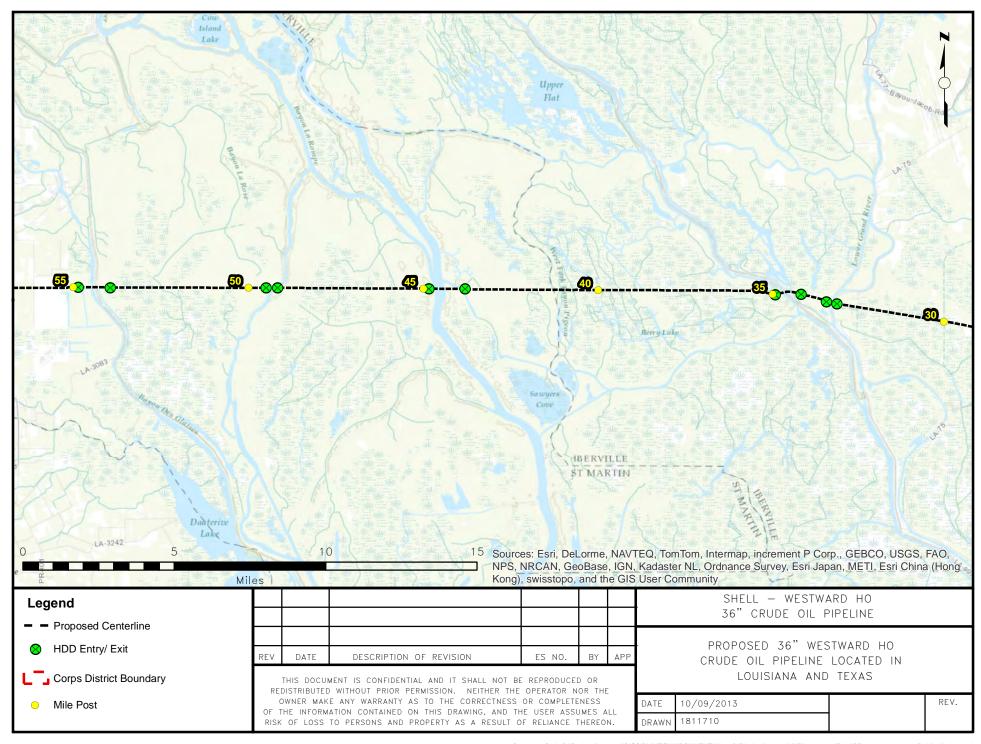
	PACTS WITHIN COASTAL ZONE					
WETLANDS	169.15 ACRES					
WATERS	9.29 ACRES					
UPLANDS	380.27 ACRES					

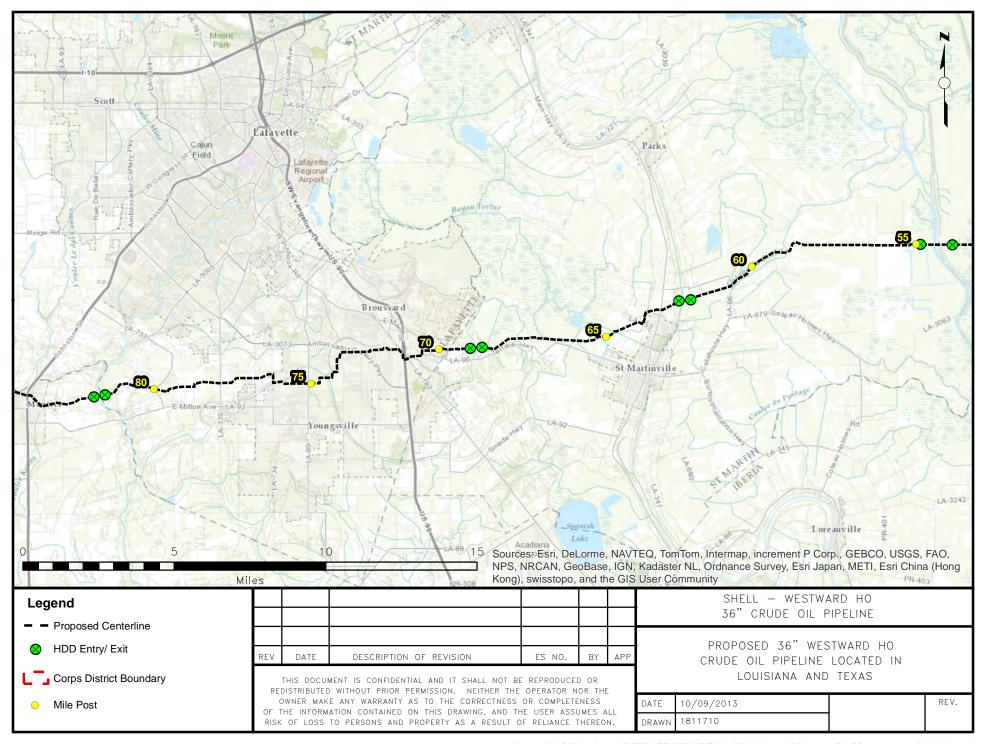
ABBREVIATIONS SWG GALVESTON DISTRICT CORP OF ENGINEERS MVN NEW ORLEANS DISTRICT CORP OF ENGINEERS

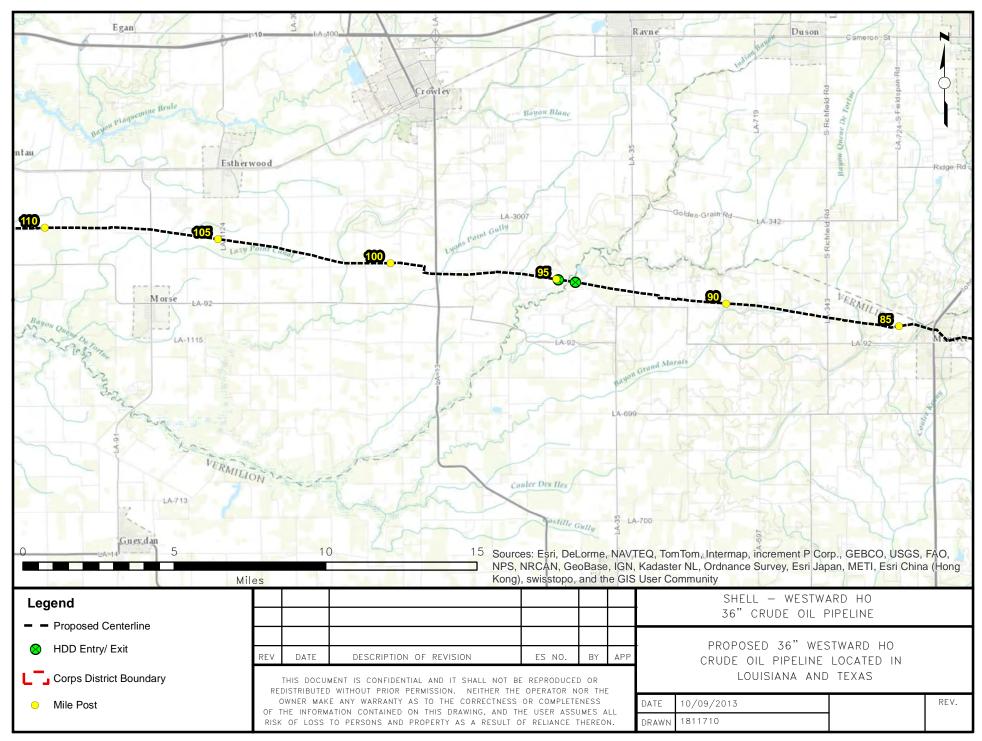
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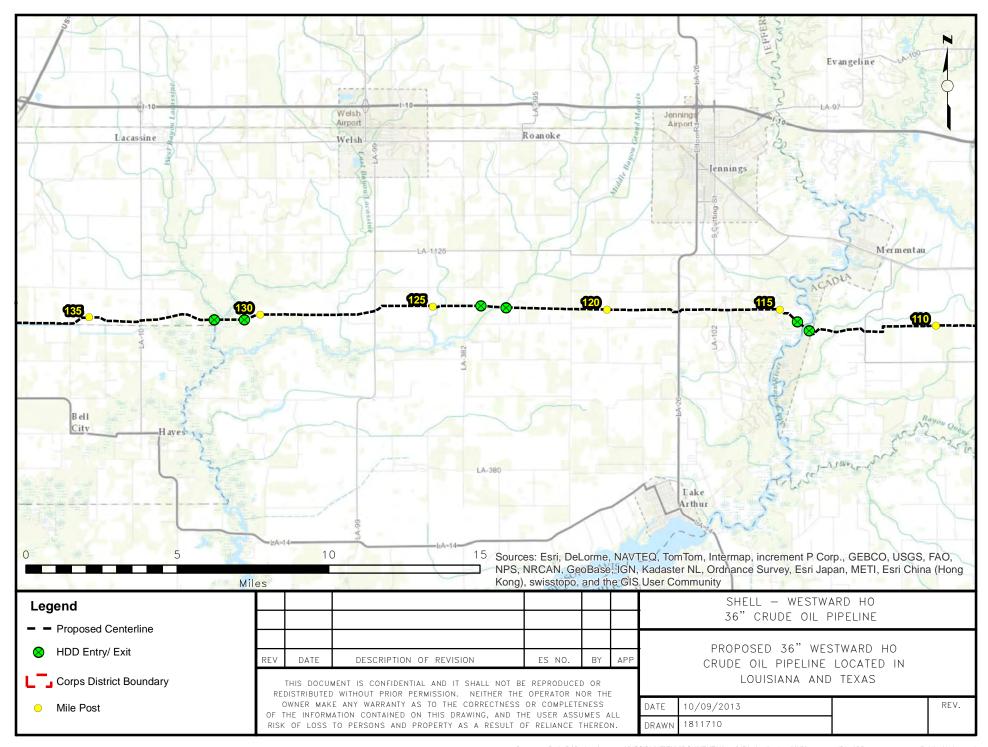
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1	5/29/13	ISSUED FOR PERMIT					26" 01	RUDE OIL PIPELINE		
0	2/22/13	ISSUED FOR PERMIT					30 Cr	RODE OIL PIPELINE		
RE∨	DATE	DESCRIPTION OF REVISION ES NO. BY APP				PROPOSED 36" WESTWARD HO				
	THIS DOCUMENT IS CONFIDENTIAL AND IT SHALL NOT BE REPRODUCED OR							DIL PIPELINE LOCATED IN		
RED	REDISTRIBUTED WITHOUT PRIOR PERMISSION. NEITHER THE OPERATOR NOR THE OWNER						11	EXAS & LOUSIANA		
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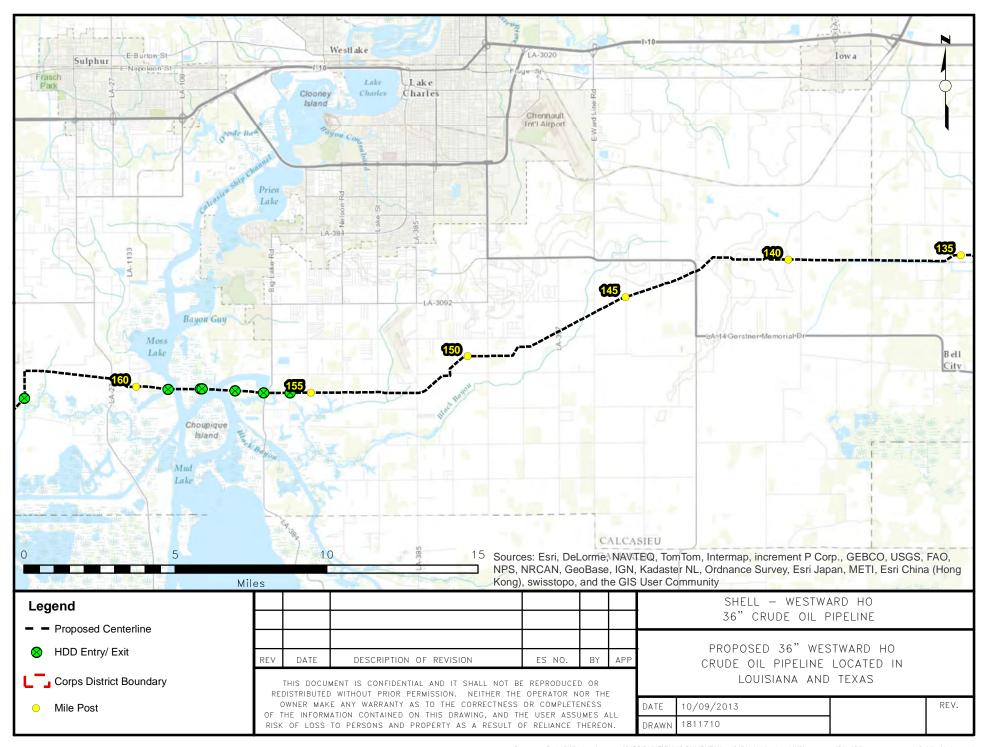


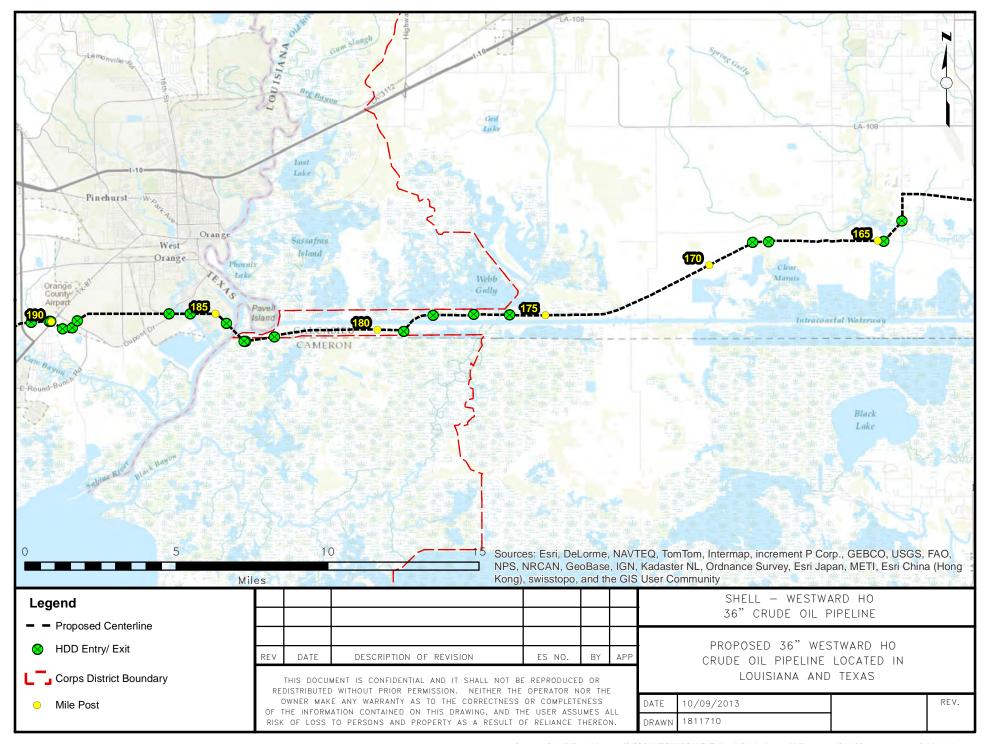


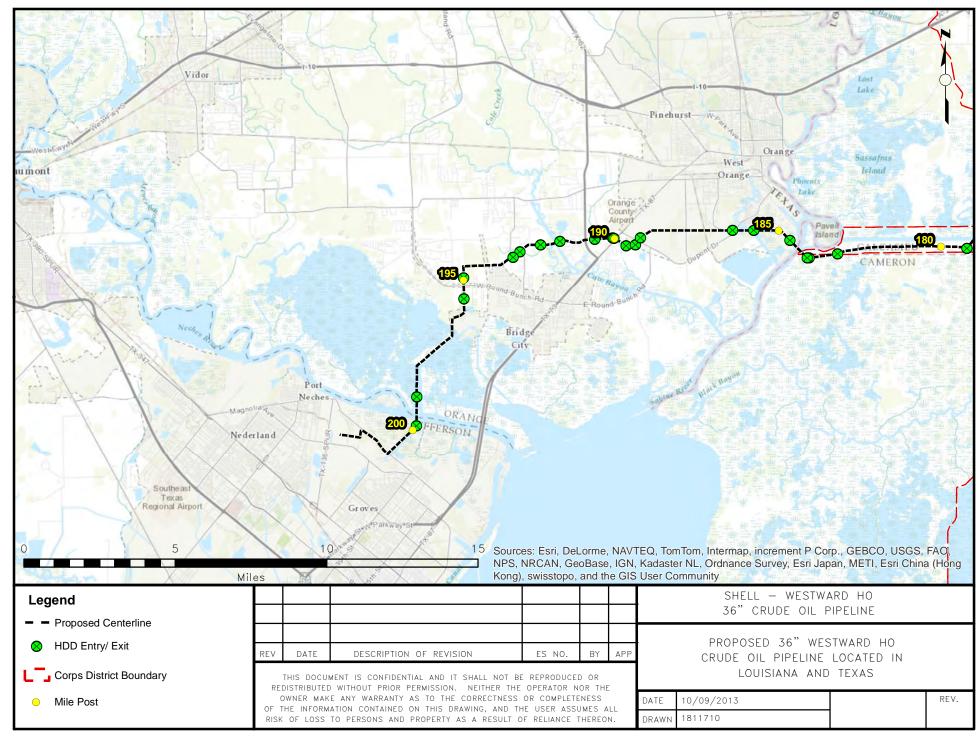


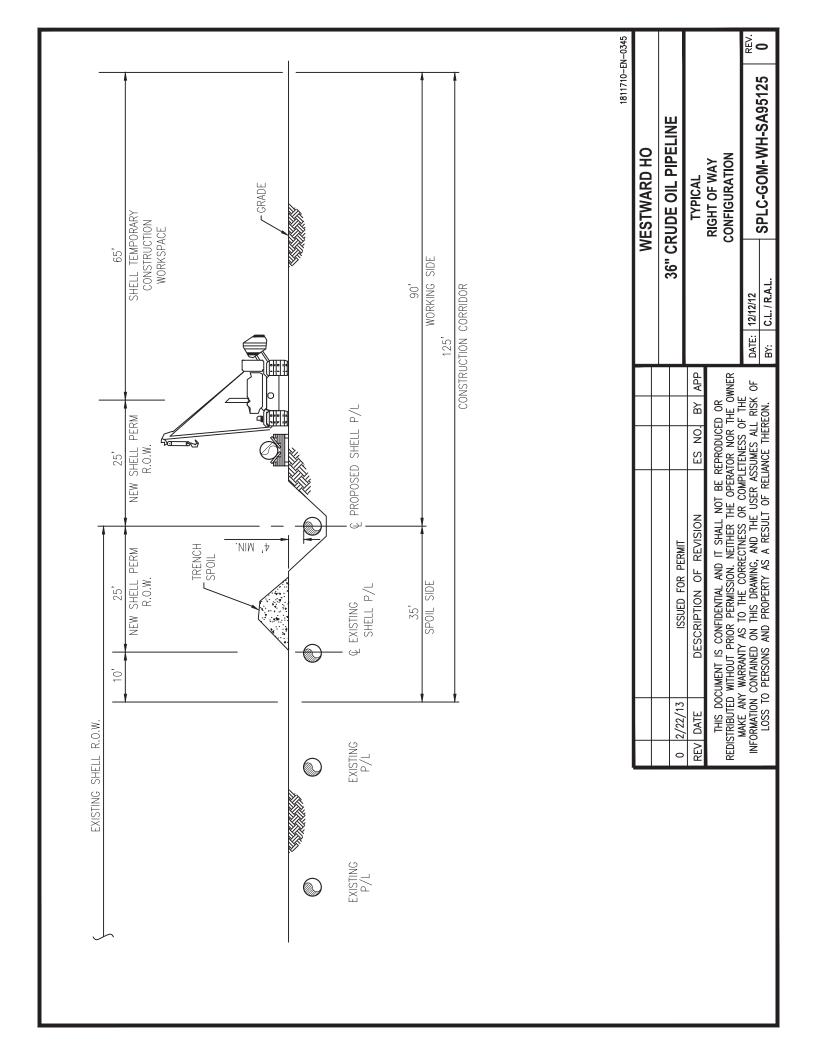












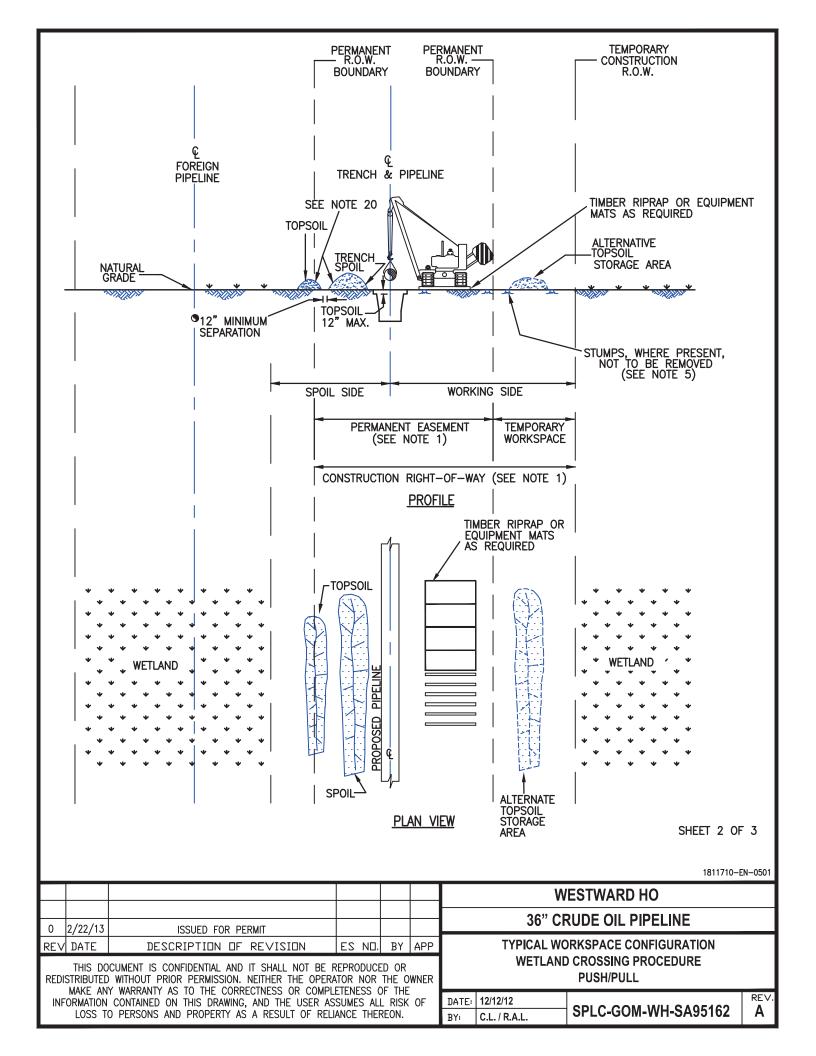
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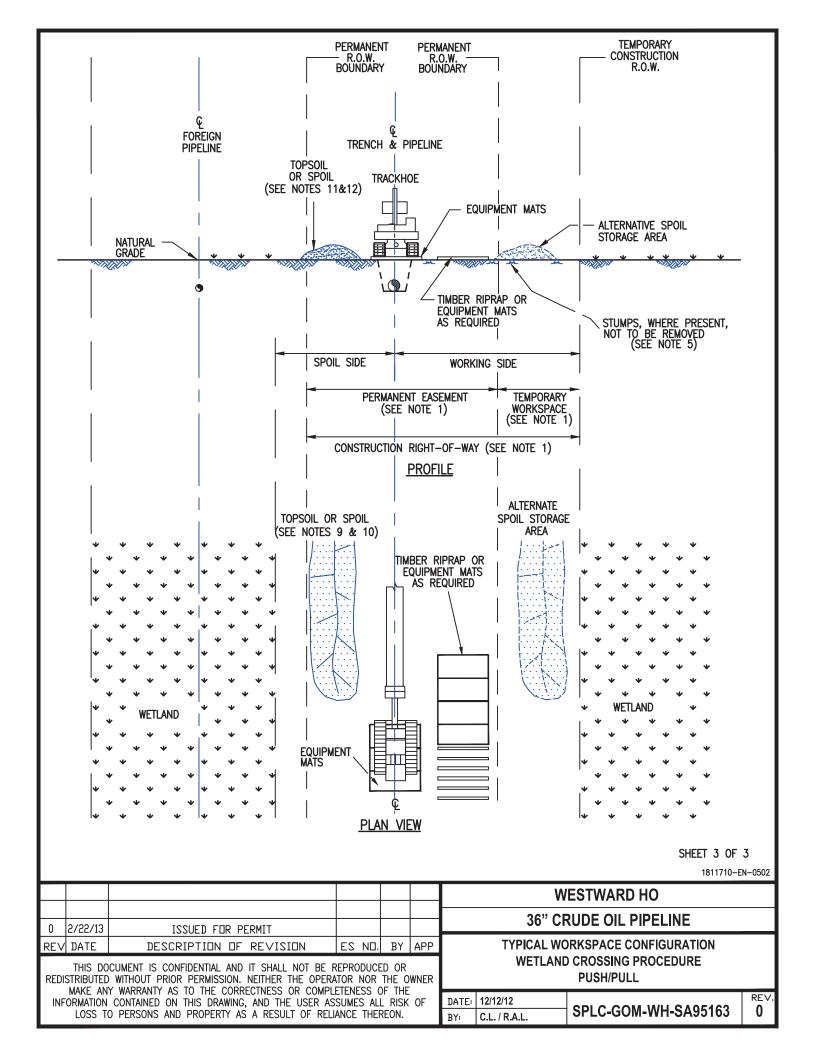
- 1. CONSTRUCTION RIGHT-OF-WAY WILL TYPICALLY BE 75 FEET WIDE CONSISTING OF 50 FEET OF PERMANENT EASEMENT AND UP TO 25 FEET OF TEMPORARY WORKSPACE. IN MOST LOCATIONS, 10 FEET OF TEMPORARY WORKSPACE WILL BE LOCATED WITHIN THE PERMANENT R.O.W. OF THE FOREIGN PIPELINE.
- 2. THE SAME LAYOUT APPLIES WHETHER CONSTRUCTION R.O.W. DOES OR DOES NOT ABUT A FOREIGN R.O.W.
- 3. IF OFFSET FROM A FOREIGN PIPELINE, THE OFFSET WILL BE 25' FOR MOST WETLANDS, BUT MAY BE INCREASED OR DECREASED DEPENDING ON THE SITE SPECIFIC CONSTRUCTION REQUIREMENTS.
- 4. CLEARING OF VEGETATION AND TREES IS PROHIBITED BETWEEN EXTRA TEMPORARY WORK SPACE AND THE EDGE OF THE WETLAND.
- 5. CUT VEGETATION AND TREES OFF AT GROUND LEVEL, LEAVING EXISTING ROOT SYSTEMS IN PLACE WHEREVER PRACTICABLE, AND REMOVE CUTTINGS FROM THE WETLANDS FOR DISPOSAL.
- 6. LIMIT CONSTRUCTION EQUIPMENT TO ONE PASS THROUGH WETLANDS TO THE EXTENT PRACTICABLE.
- 7. NO REFUELING OF EQUIPMENT OR CONCRETE COATING ACTIVITIES WITHIN 100 FEET OF WETLAND.
- 8. IF SATURATED AT TIME OF CONSTRUCTION, REDUCE SOIL COMPACTION BY UTILIZING WIDE—TRACK OR BALLOON TIRE CONSTRUCTION EQUIPMENT OR NORMAL EQUIPMENT OPERATED ON TIMBER RIPRAP OR EQUIPMENT MATS.
- 9. SEGREGATE THE TOP 1 FOOT OF TOPSOIL FROM THE AREA DISTURBED BY TRENCHING, EXCEPT IN AREAS WHERE STANDING WATER OR SATURATED SOILS ARE PRESENT. MAINTAIN 12" SEPARATION BETWEEN TOPSOIL AND TRENCH SPOIL.
- 10. LEAVE GAPS IN TOPSOIL AND SPOIL PILES AT OBVIOUS DRAINAGES. DO NOT PUSH UPLAND SOILS INTO CREEKS OR WETLANDS. DO NOT USE TOPSOIL FOR PADDING. AVOID SCALPING VEGETATED GROUND SURFACE WHEN BACKFILLING SPOIL PILE.
- 11. IN UNSATURATED CONDITIONS, SPOIL MAY BE USED TO STABILIZE THE WORKING SIDE.
- 12. IF SATURATED AT TIME OF CONSTRUCTION, LEAVE HARD PLUGS AT THE EDGE OF WETLAND UNTIL JUST PRIOR TO LOWERING IN.
- 13. RESEAL BOTTOM OF WETLANDS BY BACKFILLING WITH SPOIL MATERIAL EXCAVATED FROM WETLAND AND USE STANDARD PIPELINE CONSTRUCTION EQUIPMENT (E.G. BACKHOE AND BULLDOZER) TO COMPACT THIS BACKFILL.
- 14. LOWER-IN PIPE, INSTALL MINI-TRENCH BREAKERS AT THE EDGES OF EACH WETLAND INTERSECTED BY TRENCHING, BACKFILL TRENCH.
- 15. REMOVE ANY TIMBER RIPRAP OR EQUIPMENT MATS FROM WETLANDS UPON COMPLETION OF CONSTRUCTION.
- 16. RESTORE GRADE TO NEAR PRE—CONSTRUCTION TOPOGRAPHY AND REPLACE TOPSOIL, WHERE SALVAGED, WITHOUT A CROWN OVER THE TRENCH.
- 17. WHERE STANDING WATER IS NOT PRESENT, SEED DURING FINAL CLEAN UP.
- 18. TOPSOIL AND TRENCH SPOIL RELATIVE POSITIONS CAN, AS DIRECTED BY THE SHELL ENVIRONMENTAL INSPECTOR, BE ADJUSTED TO FIT SITE CONDITIONS.

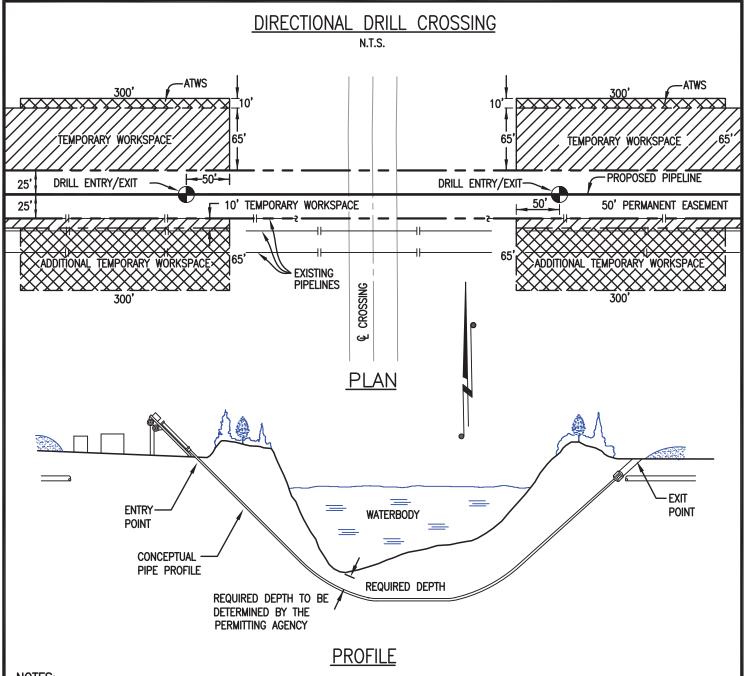
SHEET 1 OF 3

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0	2/22/13 ISSUED FOR PERMIT						36" CRUDE OIL PIPELINE		
REV DATE DESCRIPTION OF REVISION ES NO. BY APP						TYPICAL WORKSPACE CONFIGURATION			
THIS DOCUMENT IS CONFIDENTIAL AND IT SHALL NOT BE REPRODUCED OR REDISTRIBUTED WITHOUT PRIOR PERMISSION. NEITHER THE OPERATOR NOR THE OWNER MAKE ANY WARRANTY AS TO THE CORRECTNESS OR COMPLETENESS OF THE							WETLAND	CROSSING PROCEDURE PUSH/PULL	
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NOTES:

- SET UP DRILLING EQUIPMENT A MINIMUM OF 100 FEET FROM THE EDGE OF THE WATERCOURSE. DO NOT CLEAR OR GRADE WITHIN THE 100 FOOT ZONE.
- 2. ENSURE THAT ONLY BENTONITE BASED DRILLING MUD IS USED. DO NOT ALLOW THE USE OF ANY ADDITIVES TO THE DRILLING MUD WITHOUT THE APPROVAL OF APPROPRIATE REGULATORY AUTHORITIES AND CLIENT'S REPRESENTATIVE.
- 3. INSTALL SUITABLE DRILLING MUD TANKS OR SUMPS TO PREVENT CONTAMINATION OF WATERCOURSE.
- 4. INSTALL BERMS DOWNSLOPE FROM THE DRILL ENTRY AND ANTICIPATED EXIT POINTS TO CONTAIN ANY RELEASE OF DRILLING MUD.
- 5. DISPOSE OF DRILLING MUD IN ACCORDANCE WITH THE APPROPRIATE REGULATORY AUTHORITY REQUIREMENTS.
- 6. ATWS FOR WATER UPTAKE TO BE LOCATED ON A SITE-BY-SITE BASIS PER CONDITIONS. 1811710-EN-0497

							W	ESTWARD HO	
_						36" CRUDE OIL PIPELINE			
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INF	MAKE ANY WARRANTY AS TO THE CORRECTNESS OR COMPLETENESS OF THE INFORMATION CONTAINED ON THIS DRAWING, AND THE USER ASSUMES ALL RISK OF LOSS TO PERSONS AND PROPERTY AS A RESULT OF RELIANCE THEREON.						12/12/12 C.L. / R.A.L.	SPLC-GOM-WH-SA95158	REV.