

Joint Public Notice

January 12, 2015

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

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

Project Manager: James W. Little, Jr.
(225) 342-3099 / fax: (225) 342-9439
james.little@usace.army.mil
Permit Application Number:
MVN-2014-00115-WII

Project Manager:
Elizabeth Johnson
(225) 219-3225 / fax: (225) 219-3156
WQC Application Number:
WQC 141216-02

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

The application has also been 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 LRS 30:2074 A (3) and provisions of Section 401 of the Clean Water Act (P.L. 95-17).

New Ethane Pipeline in Calcasieu, Jefferson Davis, Acadia, Vermilion, Lafayette, and St. Martin Parishes

Name of Applicant: Enterprise Products Operating LLC, c/o Atkins North America, Inc., Attn: Mr. Michael Dyke, 101 Summit Avenue, Suite 1014, Fort Worth, Texas 76102.

Location of Work: The proposed Aegis Ethane Header, Segment 2 Pipeline Project consists of approximately 111 miles of new 20-inch-diameter ethane pipeline in Calcasieu, Jefferson Davis, Acadia, Vermilion, Lafayette, and St. Martin Parishes, Louisiana. The proposed project begins approximately 1.5 miles east of Carlyss near the intersection of Louisiana Highway 1133 and East Dave Dugas Road. The alignment extends generally west-to-east, terminating approximately 3.9 miles east of Parks near the intersection of Parish Road 28 and Parish Road 152. The proposed project traverses portions of Calcasieu, Jefferson Davis, Acadia, Vermilion, Lafayette, and St. Martin Parishes, Hydrologic Unit Codes 08080206 – Lower Calcasieu, 08080202 – Mermentau, 08080103 – Vermilion, and 08080102 – Bayou Teche Watersheds.

Character of Work: Install the new 20-inch-diameter ethane pipeline using a combination of construction methods, including open cutting, horizontal directional drilling (HDD), boring, and floating methods. Enterprise proposes to install the pipeline parallel to and within existing

rights-of-way. In wetland areas, the construction corridor will be reduced to minimize impacts: a 90-foot-wide construction corridor (30-foot-wide permanent right-of-way easement and 60-foot-wide temporary workspace) will be utilized in non-forested wetland areas, and a 75-foot-wide construction corridor (30-foot-wide permanent right-of-way easement and 45-foot-wide temporary workspace (TWS) will be used in forested wetland areas. During construction activities, additional temporary workspace (ATWS) will be required beyond the width of the 75-, 90-, and 100-foot construction corridor at certain designated locations to provide for safe and efficient installation of the pipeline. Construction would result in unavoidable impacts to forested wetlands resulting in the conversion of 26.04 acres of bottomland hardwood wetlands, 3.69 acres of cypress-tupelo wetlands, and 6.29 acres of pine dominated forested wetlands to emergent and/or scrub-shrub wetlands. Included within the impacts totaled above, 1.41 acres of bottomland hardwood wetlands will be permanently filled due to the construction of the pad site for the Section 28 Meter Station. Upon completion of construction, TWS and ATWS will be returned to pre-construction contours and allowed to revert to its original land use; including 51.96 acres of palustrine emergent wetland, 28.08 acres of palustrine scrub-shrub wetlands, 0.85 acres of palustrine unconsolidated bottom ponds, 6.80 acres of estuarine intertidal emergent wetlands, 0.15 acre of estuarine intertidal scrub-shrub wetlands, and 3.73 acres of estuarine subtidal unconsolidated bottom wetlands. Enterprise will provide compensatory mitigation for unavoidable impacts to forested wetlands as described above utilizing USACE approved mitigation banks on a per-watershed basis with preference shown to mitigation banks with in-kind credits approved for sale in the primary service area.

The comment period for the Department of 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. 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 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. 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 N/A acres of EFH utilized by various life stages of red drum and panaeid 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 Administration 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.

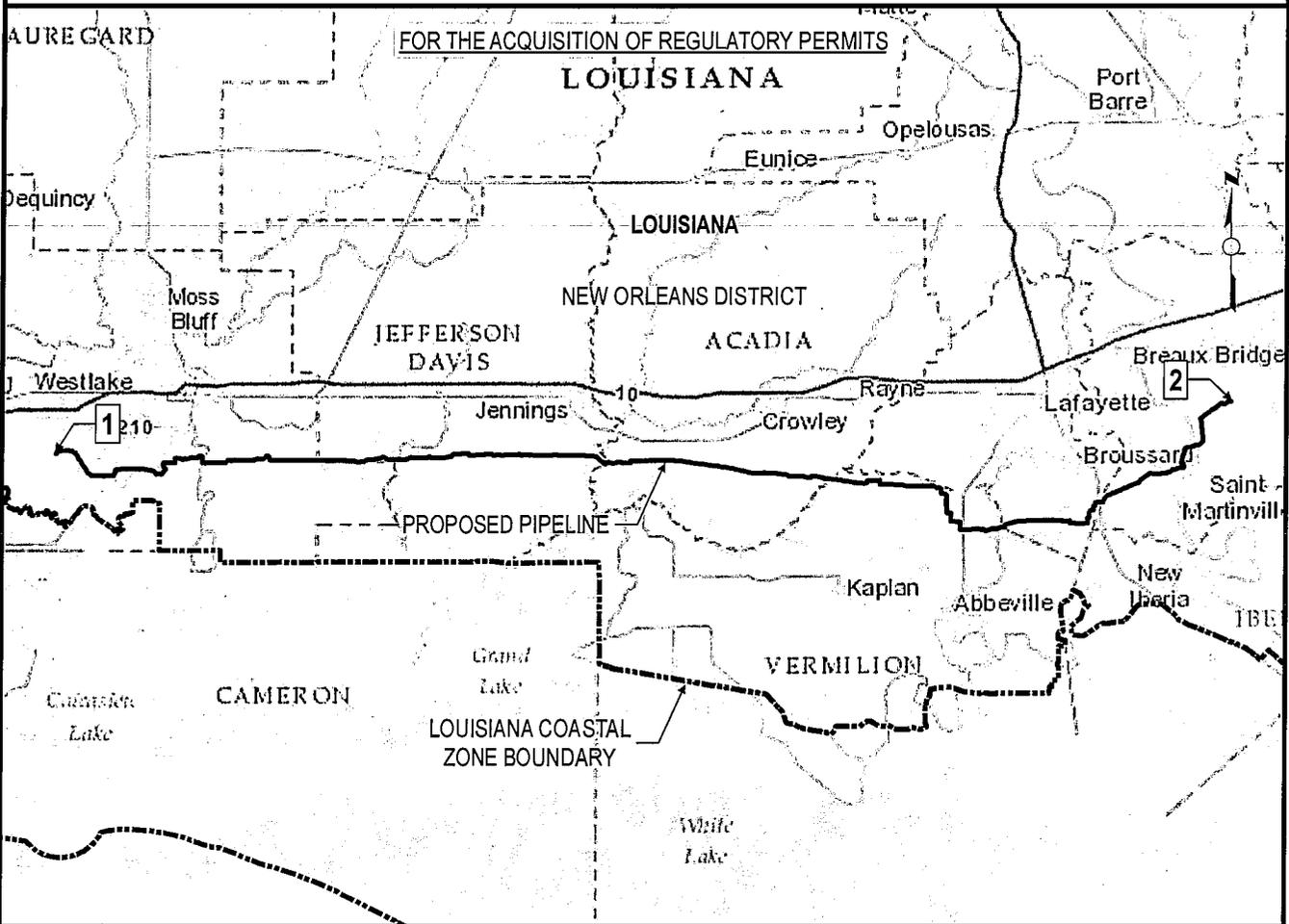
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

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.

Darrell S. Barbara
Chief, Western Evaluation Section
Regulatory Branch

Enclosures

TAG	DESCRIPTION	LINEAR DISTANCE	LAT. (NAD83)	LONG. (NAD83)
1	BEGIN 20" PIPELINE	TAG 1 TO TAG 2 MILES=111.71 FEET=58,9814.28	30° 09' 53.559"	93° 21' 06.656"
2	END 20" PIPELINE		30° 13' 14.033"	91° 45' 59.971"



VICINITY MAP

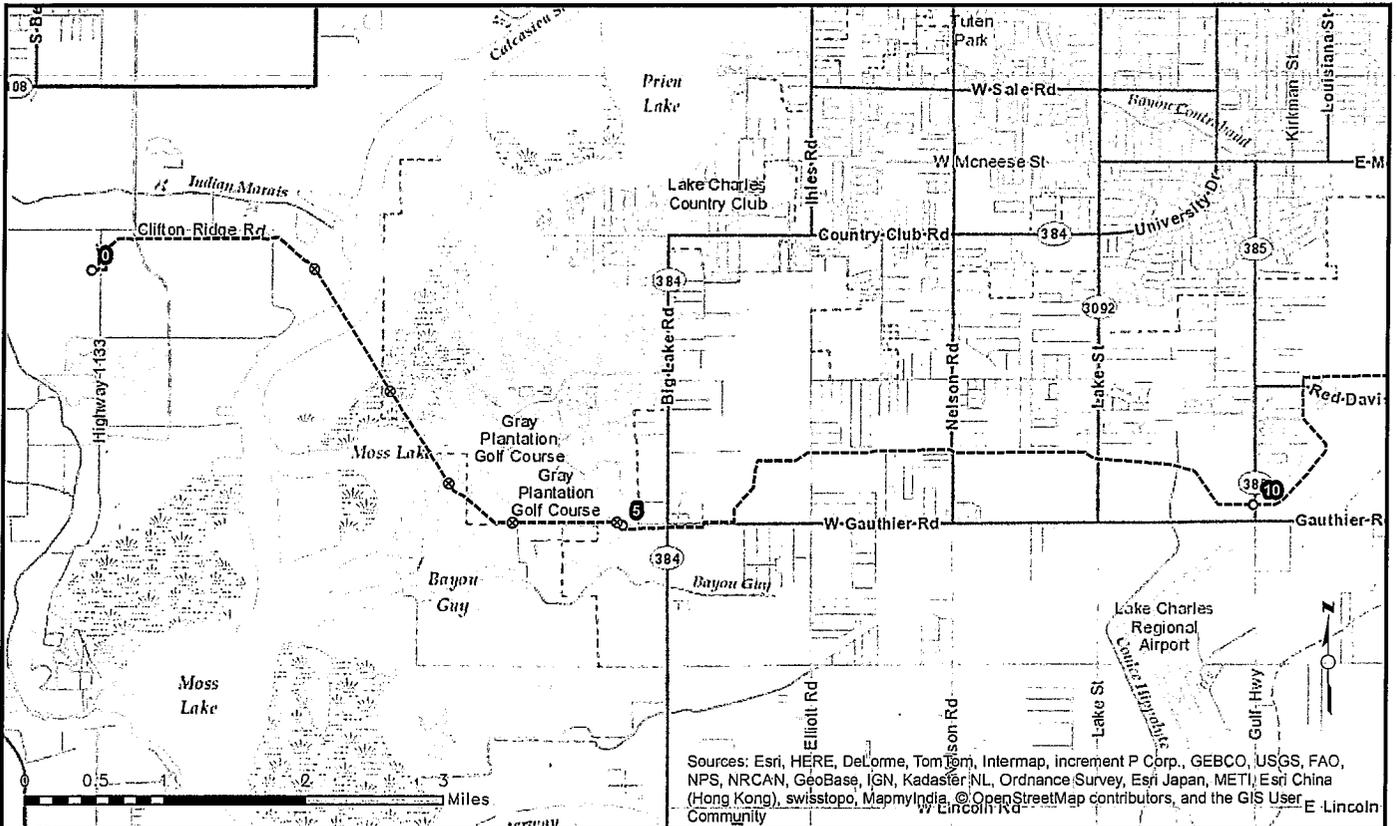
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ENTERPRISE TE PRODUCTS PIPELINE COMPANY LLC
AEGIS ETHANE HEADER, SEGMENT 2 PIPELINE PROJECT

PROPOSED 20" AEGIS ETHANE
HEADER, SEGMENT 2 PIPELINE
LOCATED IN LOUISIANA

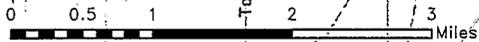
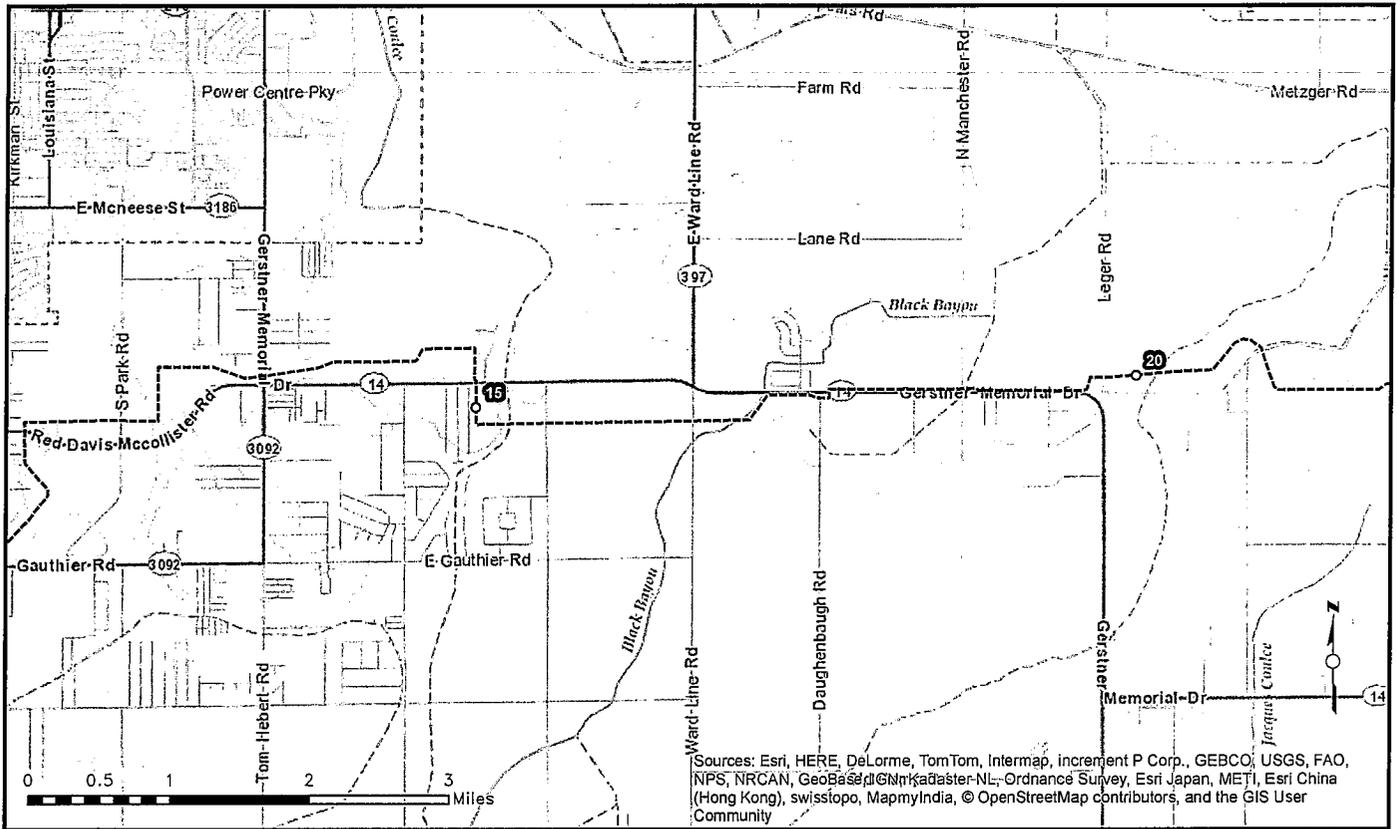
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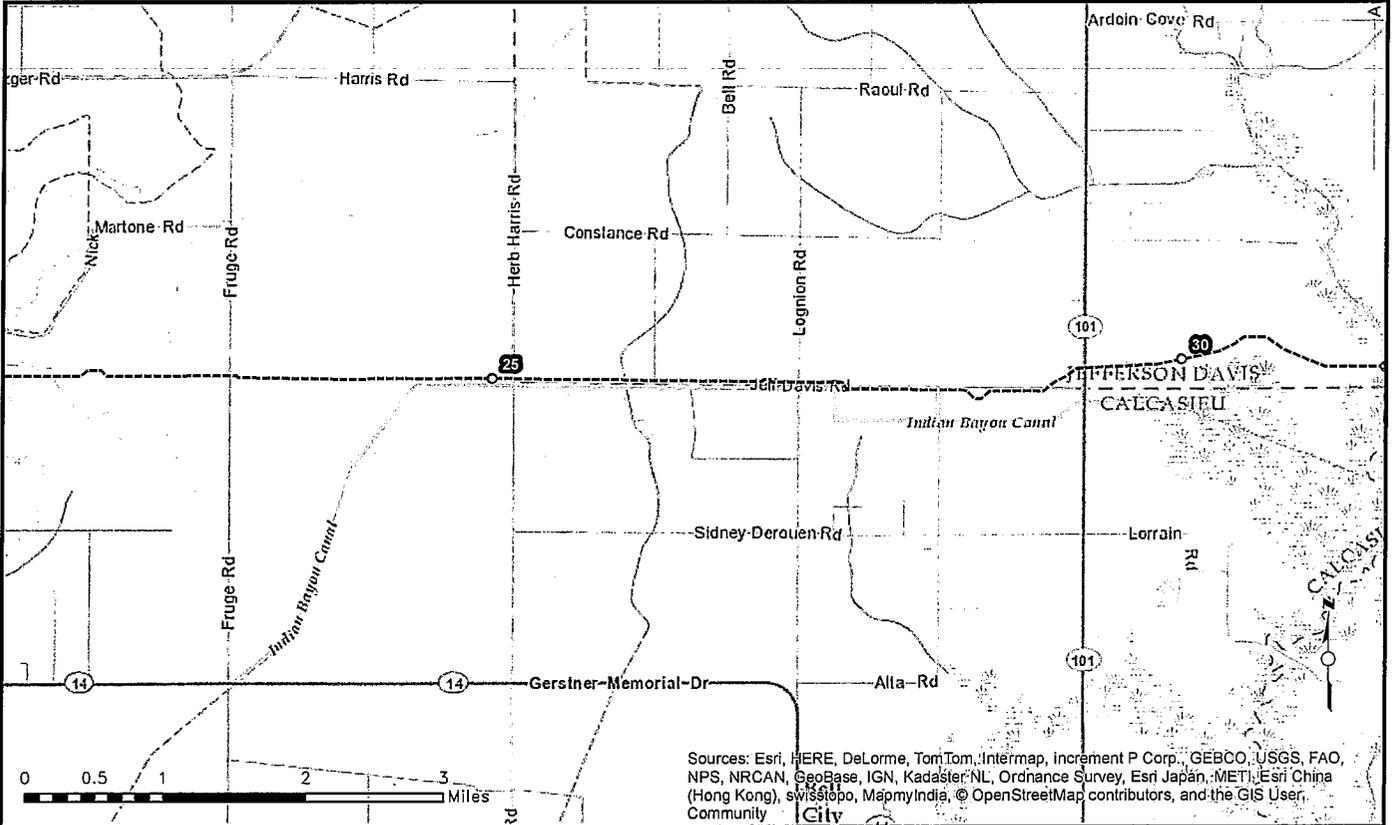
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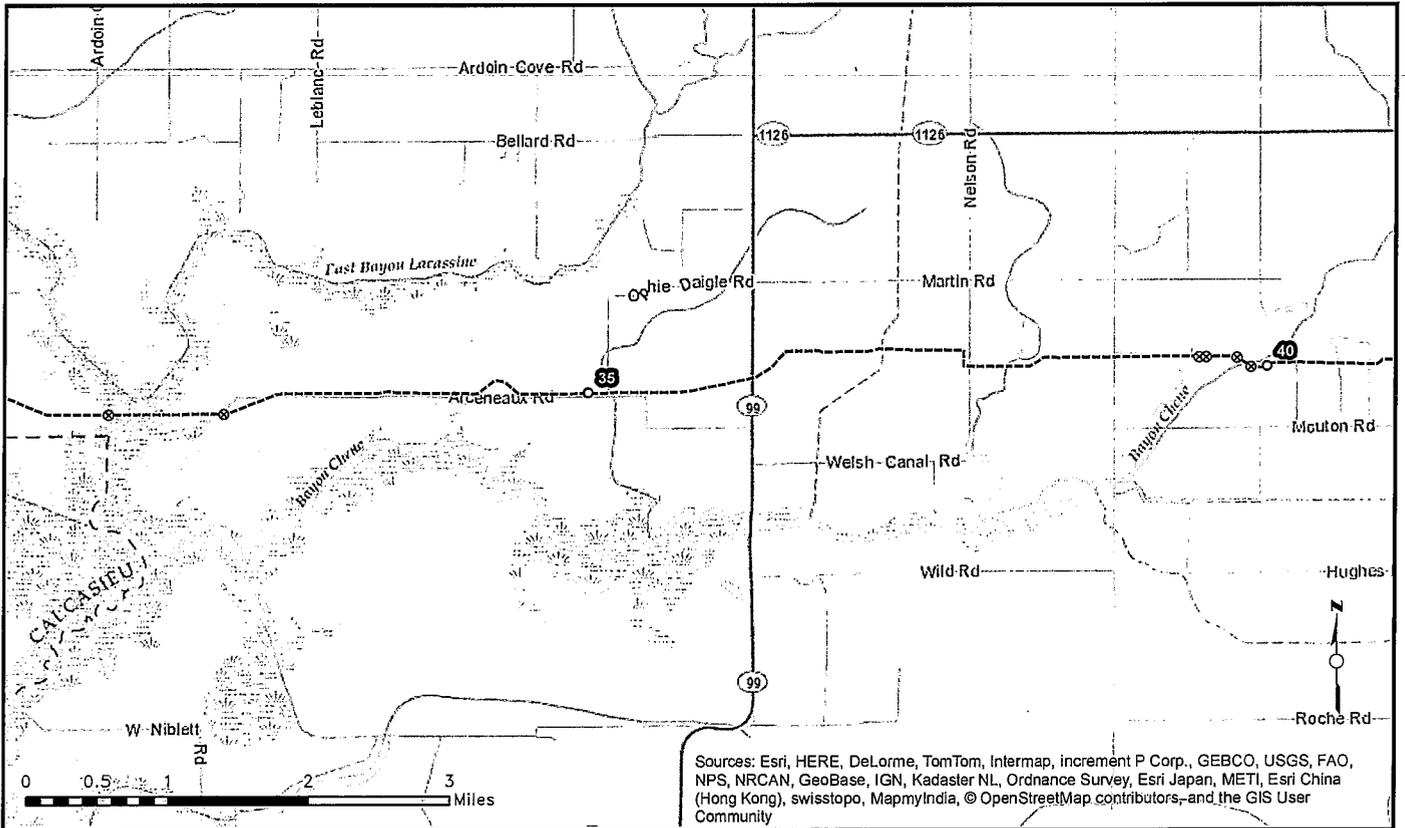
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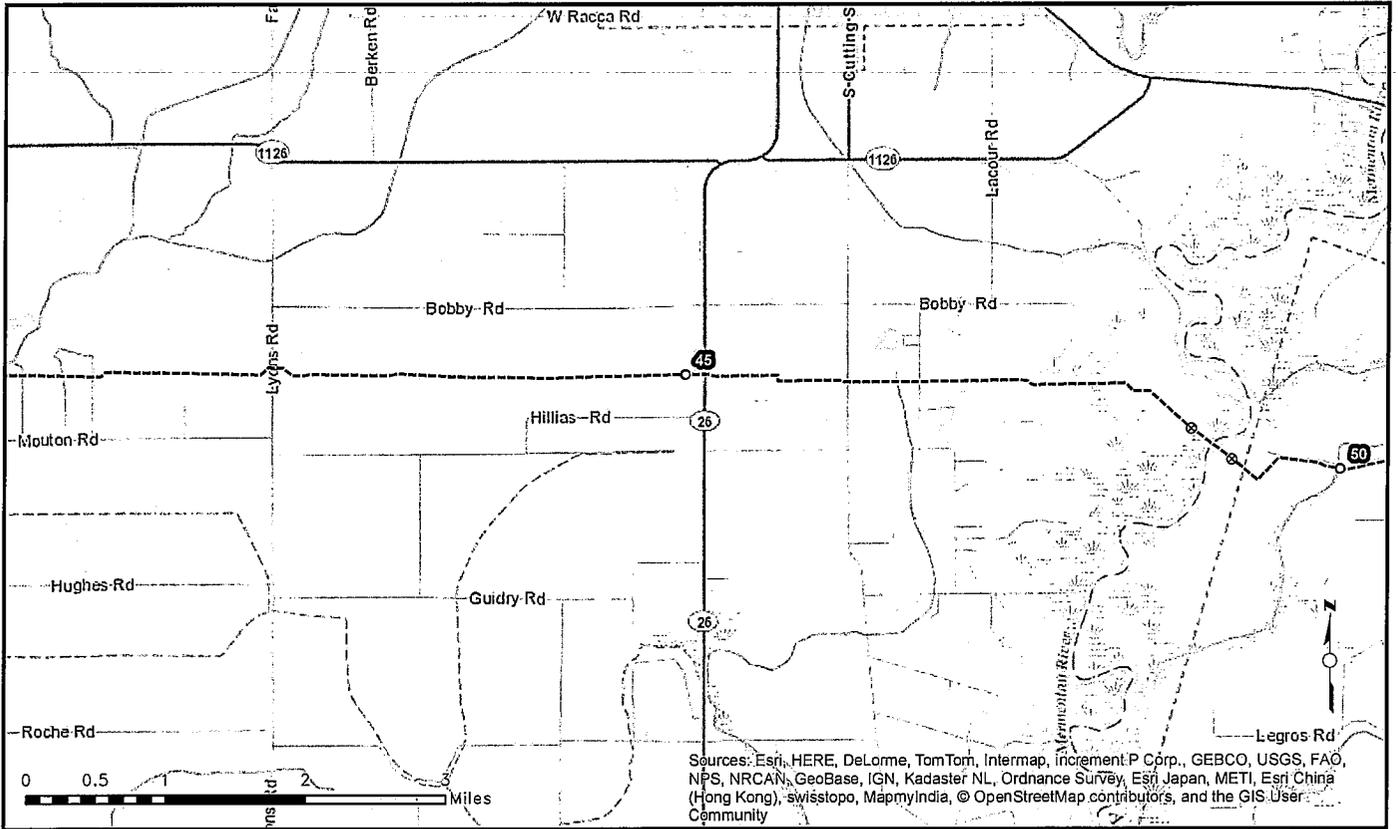
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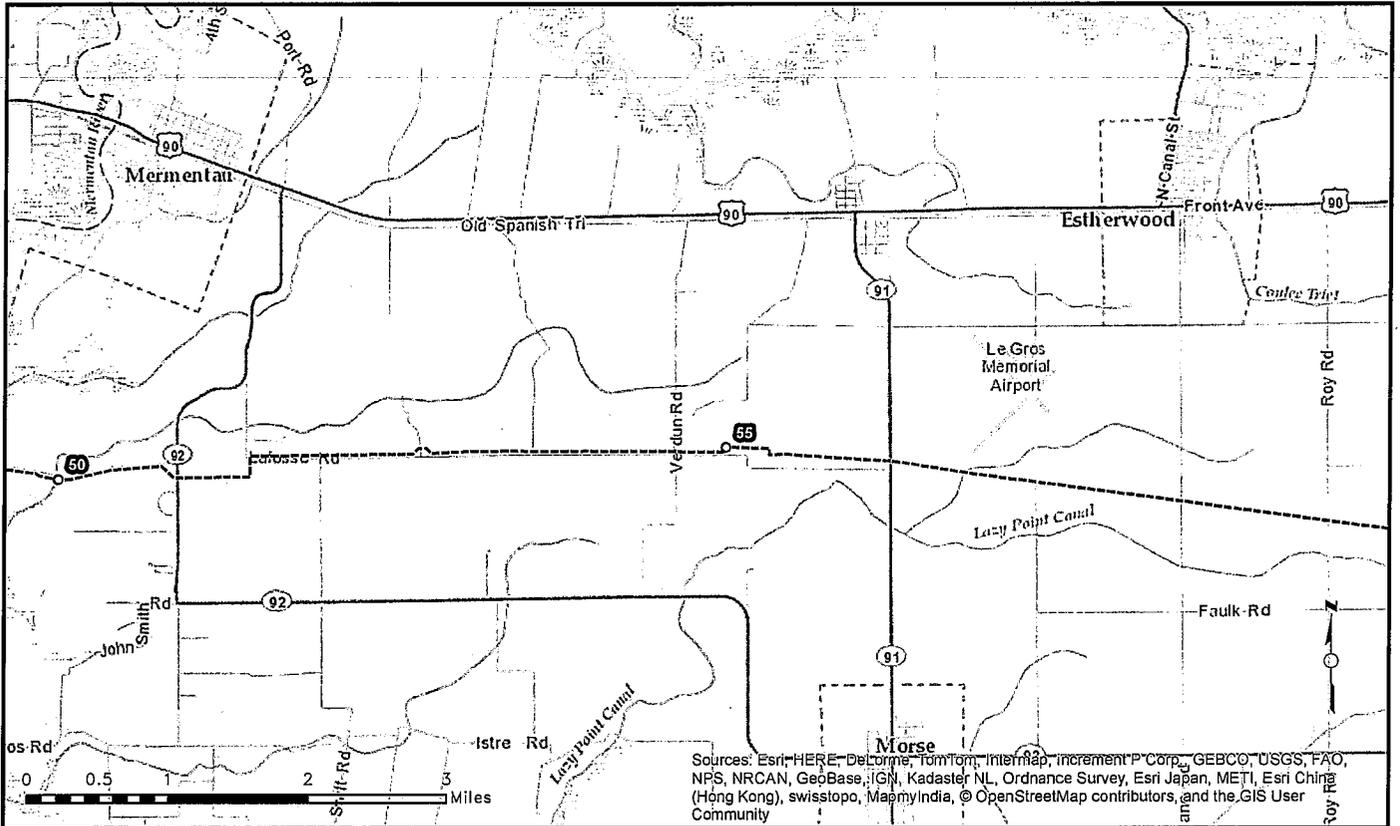
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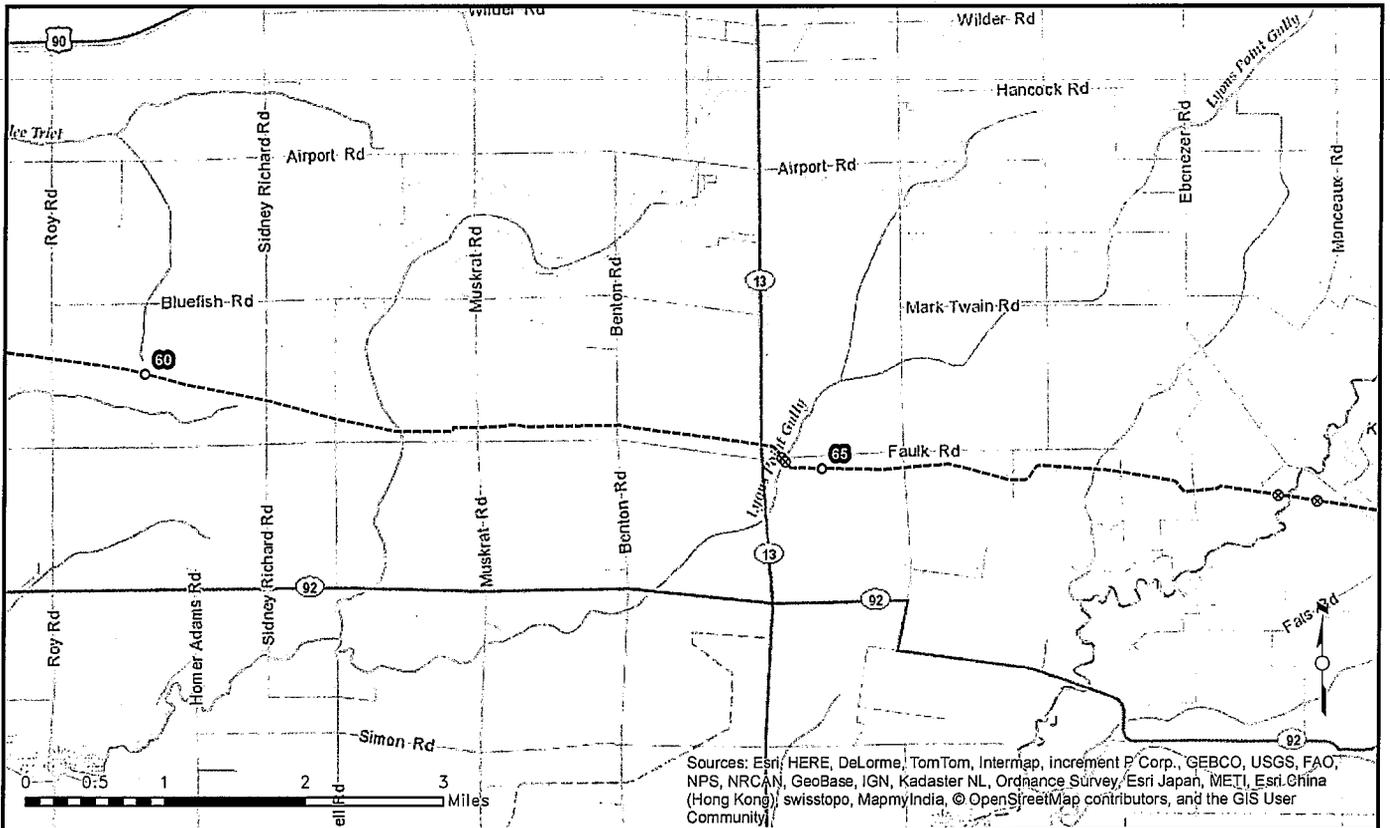
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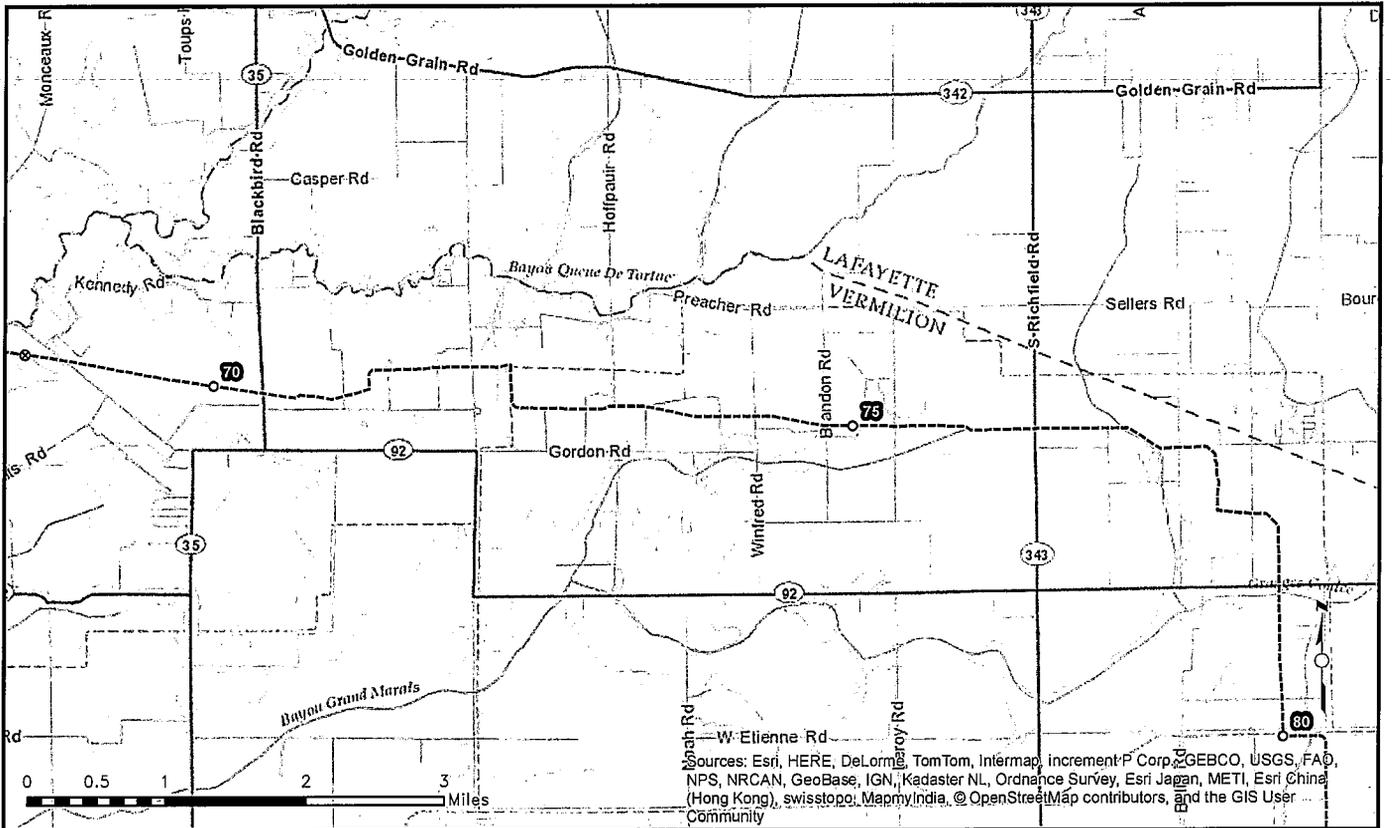
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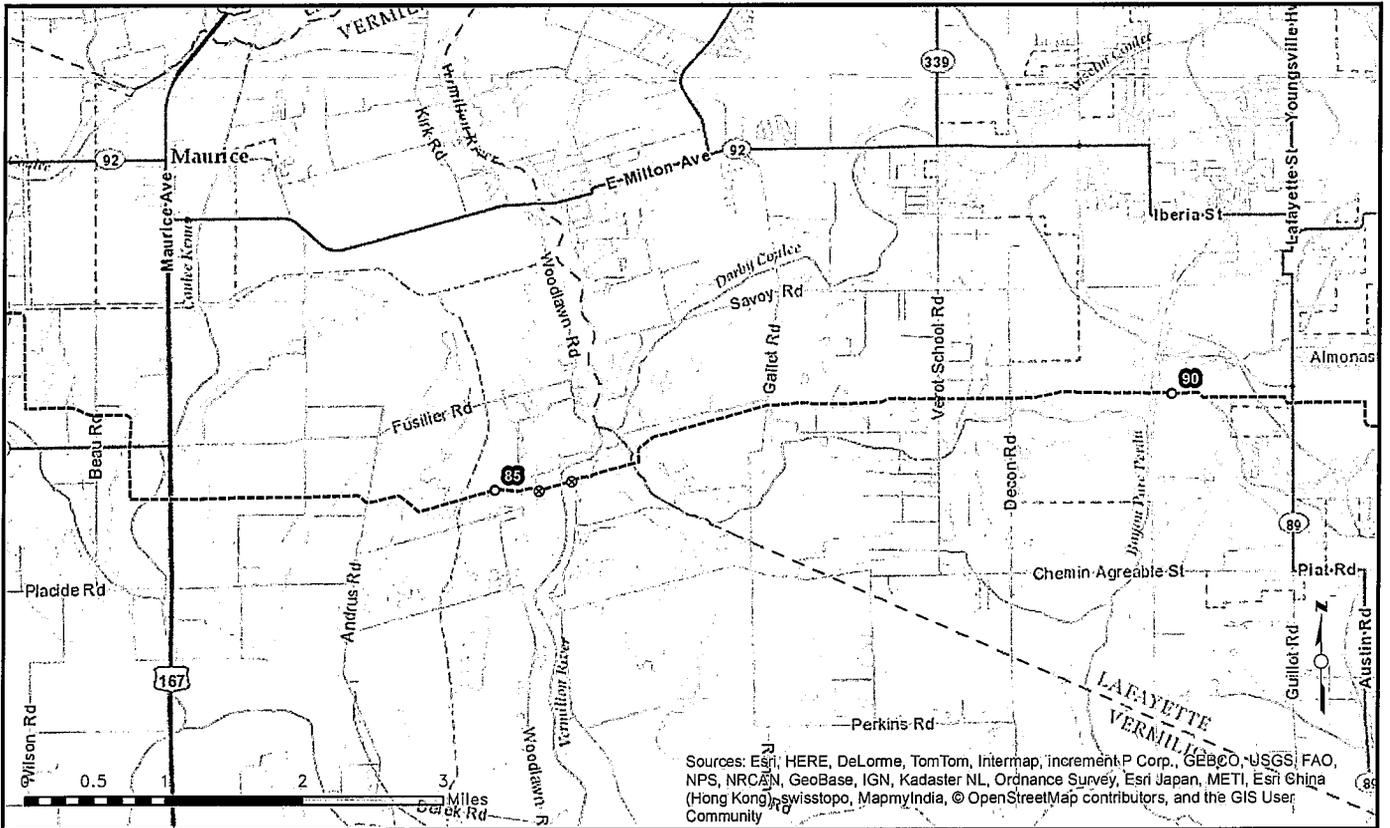
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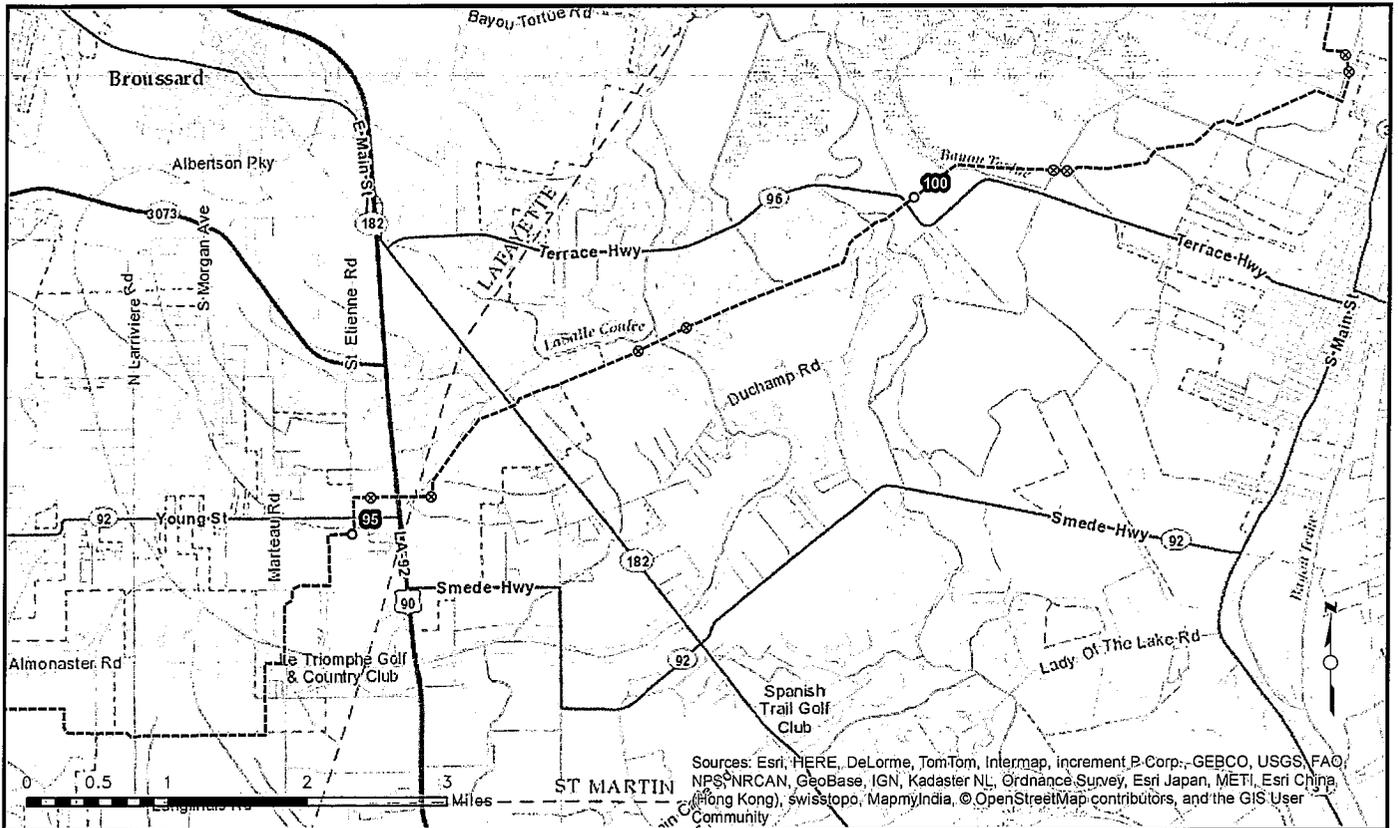
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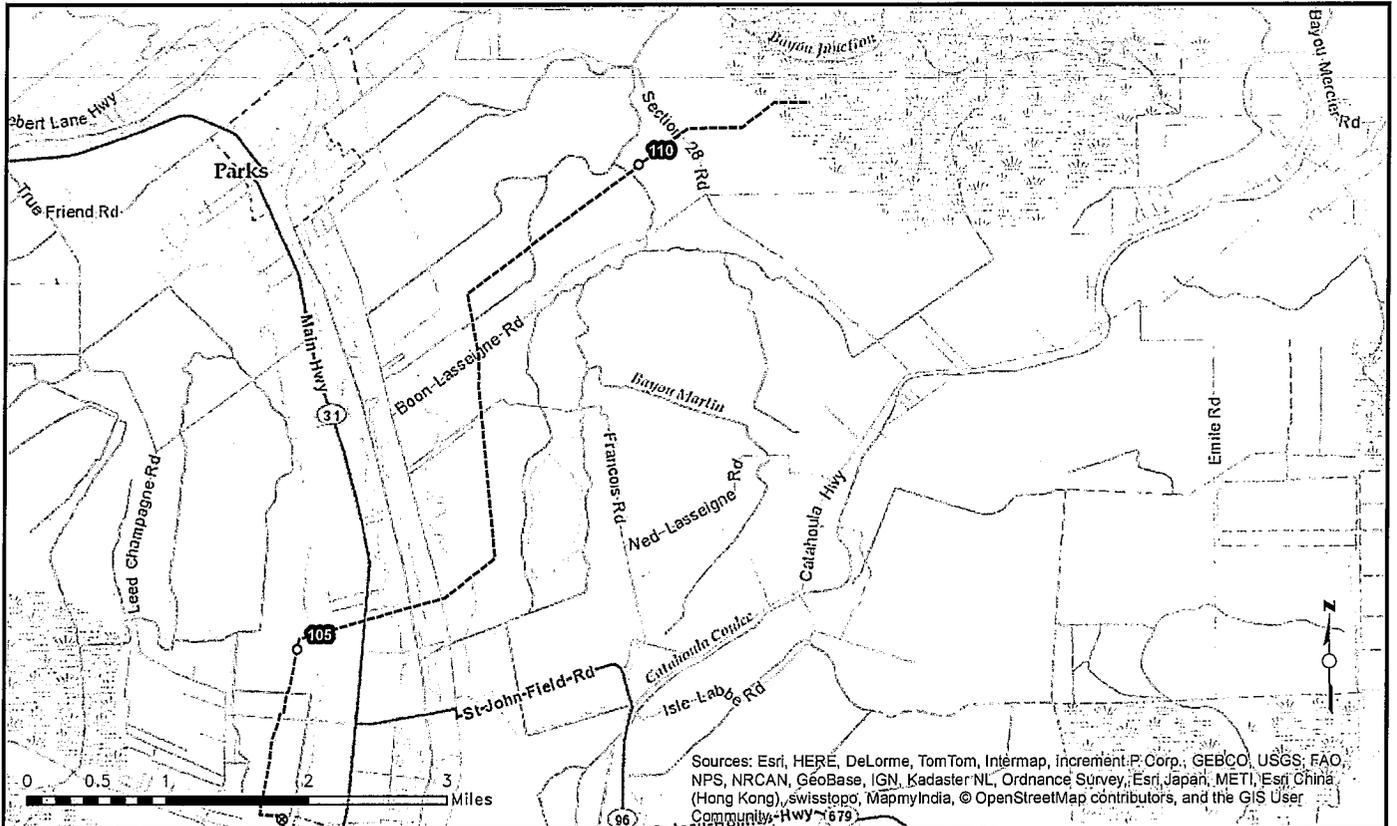


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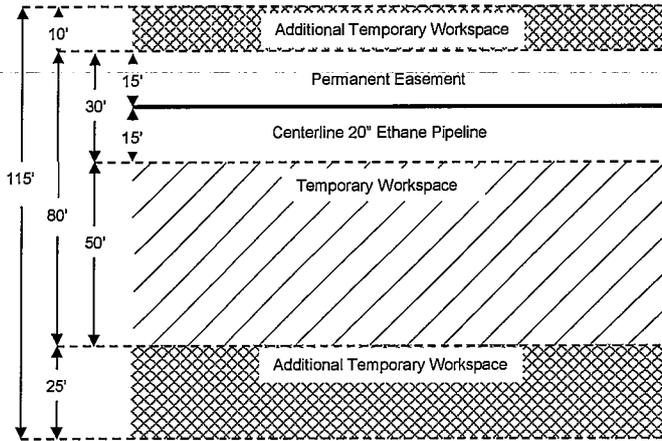
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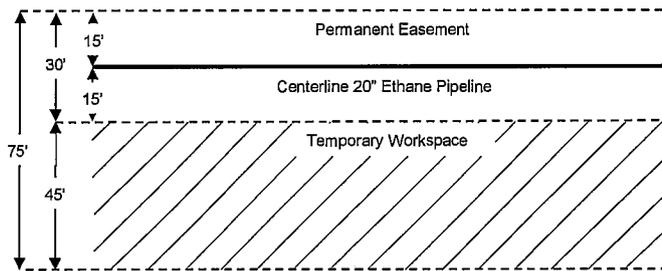
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community - Hwy (679)

<p>Legend</p> <p>----- Proposed Centerline</p> <p>⊙ HDD Entry/Exit</p> <p>○ Mile Post</p>		<p>ENTERPRISE TE PRODUCTS PIPELINE COMPANY LLC AEGIS ETHANE HEADER, SEGMENT 2 PIPELINE PROJECT</p> <p>PROPOSED 20" AEGIS ETHANE HEADER, SEGMENT 2 PIPELINE LOCATED IN LOUISIANA</p>																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">REV</th> <th style="width: 10%;">DATE</th> <th style="width: 40%;">DESCRIPTION OF REVISION</th> <th style="width: 10%;">ES NO.</th> <th style="width: 10%;">BY</th> <th style="width: 10%;">APP</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		REV	DATE	DESCRIPTION OF REVISION	ES NO.	BY	APP							<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">DATE</td> <td style="width: 40%;">6/24/2014</td> <td style="width: 40%;">REV.</td> </tr> <tr> <td>DRAWN</td> <td>ATKINS/LEW4923</td> <td> </td> </tr> </table>	DATE	6/24/2014	REV.	DRAWN	ATKINS/LEW4923	
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TYPICAL "A"
PERMANENT AND TEMPORARY EASEMENTS FOR
TOPSOIL IN UPLAND HABITATS

Note: Additional Temporary Workspaces may be required where the project crosses roads, foreign pipelines, railroad, water/sewage lines, electric transmission lines, steep slopes, pipe bends, waterbodies, or at other locations as specified by the design engineer to facilitate the safe and efficient construction of the proposed pipeline.



TYPICAL "B"
PERMANENT AND TEMPORARY EASEMENTS FOR
TOPSOIL IN WETLANDS

ATKINS

Typical Workspace
 Configuration

Aegis Ethane Header, Segment 2 Pipeline Project
 Calcasieu, Jefferson Davis, Acadia, Vermilion,
 Lafayette, and St. Martin Parishes, Louisiana

Enterprise Products
 Operating LLC