

JOINT PUBLIC NOTICE

November 11, 2013

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

State of Louisiana
Department of Environmental Quality
Office of Environmental Services
Post Office Box 4313
Baton Rouge, LA 70821-4313

(504) 862-1954 FAX (504) 862-2574
Project Manager
Mike H. Herrmann
Permit Application Number
MVN 2013-01379-WLL

(225) 219-3225 – Fax (225) 325-8250
Project Manager
Jamie Phillippe
WQC Application Number
WQC 131107-01

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.

12-INCH NGL PIPELINE, EUNICE TO PARC PERDUE, ACADIA AND LAFAYETTE PARISHES

NAME OF APPLICANT: Crosstex Energy, 2501 Cedar Springs Road, Suite 100, Dallas, Texas 75201.

LOCATION OF WORK: (30.4601 N, -92.5302 W =POB), (30.0800 N, -92.0075 = POE) Acadia and Lafayette Parishes, Louisiana. Project traverses through the Mermentau River Basin and the Vermilion River Basin, HUC's 08080201, 08080202 and 08080103.

CHARACTER OF WORK Conduct clearing, excavation and spoil placement along with HDD operations to install approximately 45 miles of 12-inch natural gas liquids pipeline (NGL) with 30 feet of permanent right of way, 30 feet of construction right of way within wetland areas and associated, temporary work areas. Approximately 13.45 acres of forested wetlands, 10.1 acres of herbaceous wetlands and 2.38 acres of scrub shrub wetlands will be impacted as a result of project implementation.

To compensate for unavoidable project related impacts to wetlands, the applicant has proposed to utilize “in kind” mitigation credits from one of the approved mitigation bank sponsors located in the primary and secondary service areas of the project watersheds.

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 to the project manager or clicking on the project manager's name on the public notice grid on the web page. 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.

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 0 acre(s) 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 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.

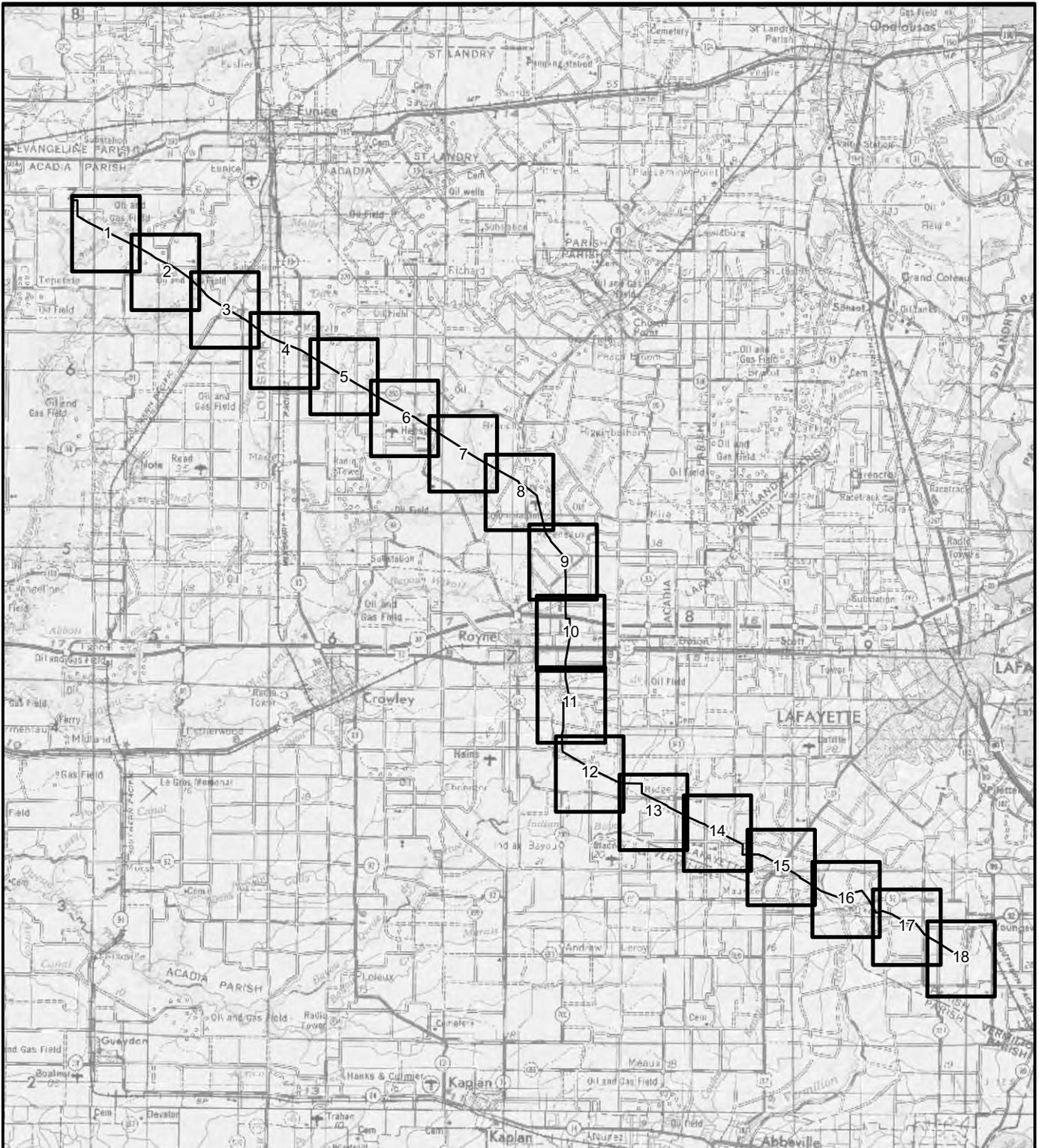
You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

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.

Darrell S. Barbara
Chief, Western Evaluation Section

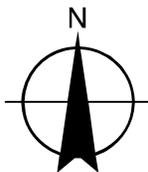
Enclosures:

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-  Centerline
-  Mapbook Page



Miles



CAJUN SIBON PHASE II - EUNICE TO PARC PERDUE PIPELINE
ACADIA PARISH, VERMILION PARISH, LAFAYETTE PARISH, LOUISIANA

FIGURE
NUMBER
1 of 19

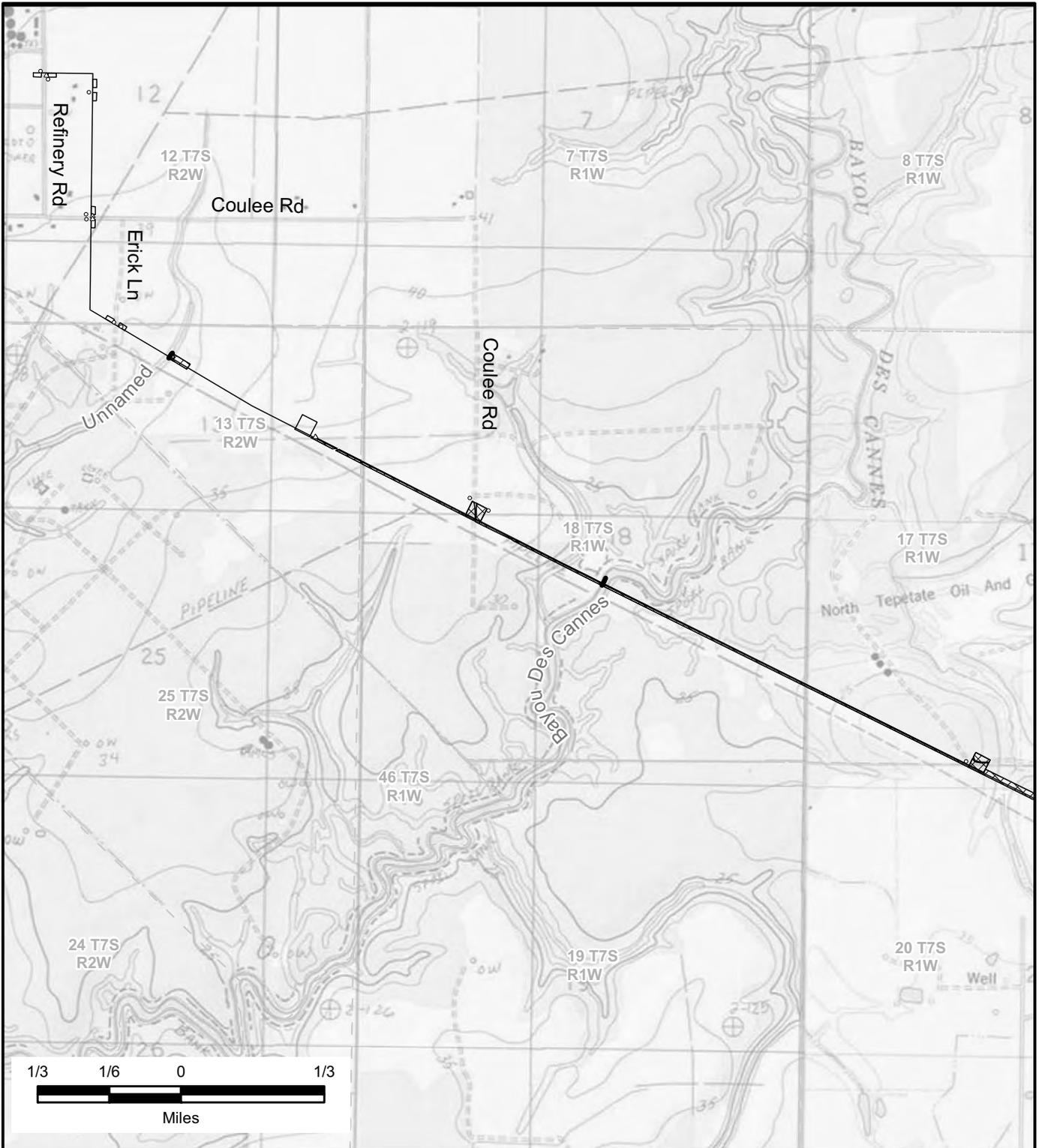
INDEX SHEET



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4171 Essen Lane
Baton Rouge, Louisiana 70809

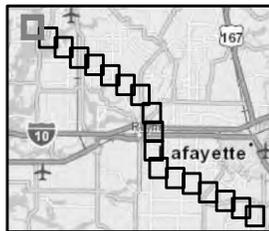
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Legend

- Centerline
- ▨ Wetland
- Resource (Water Crossing)
- △ Ditch
- Access Point
- HDD Area
- Road Bore



REFERENCE:
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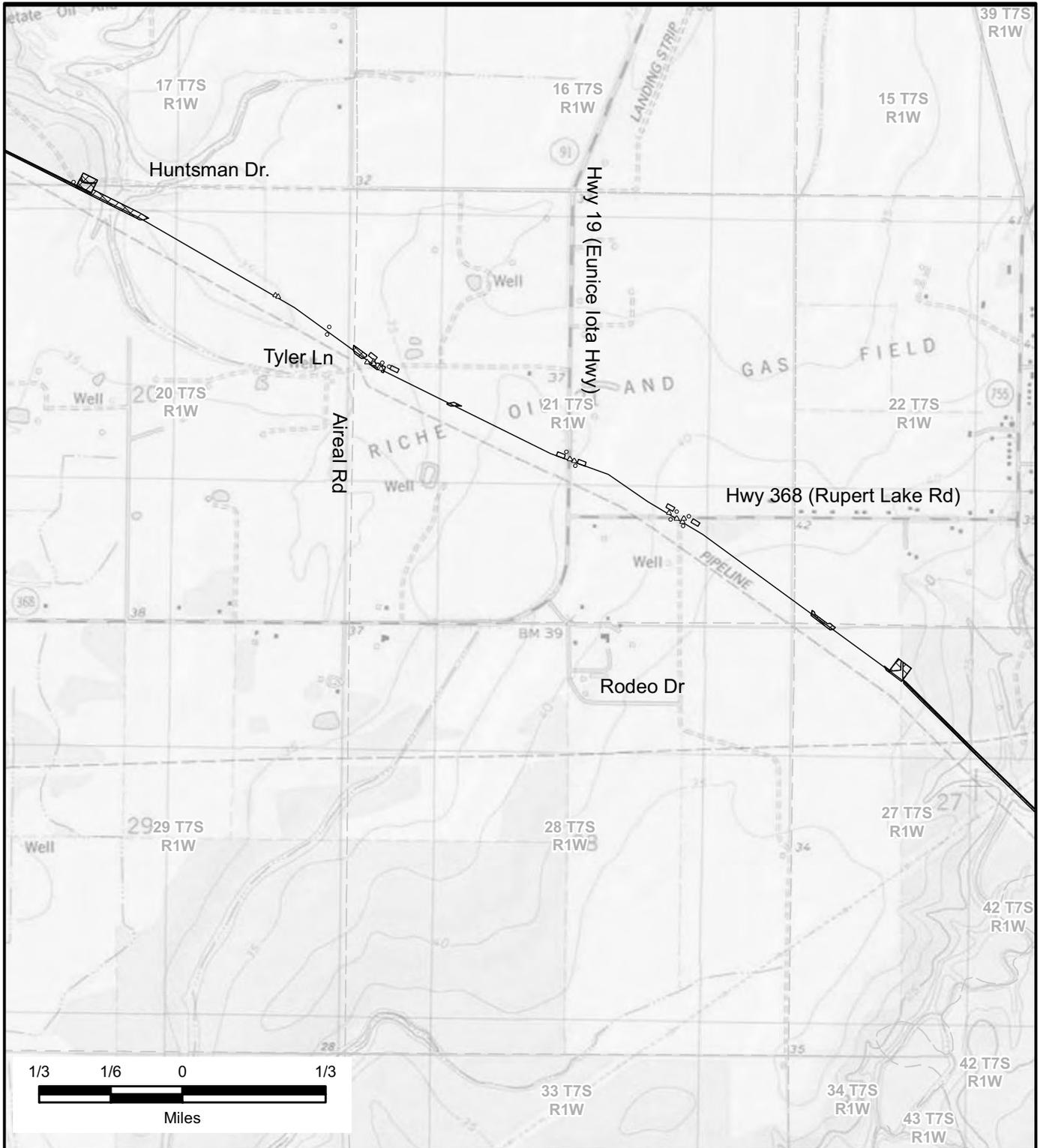
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CROSSING MAP



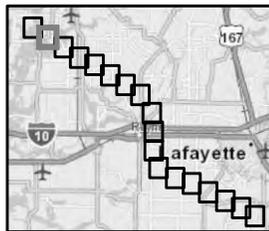
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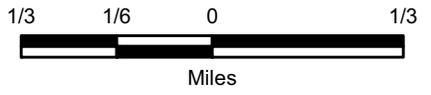
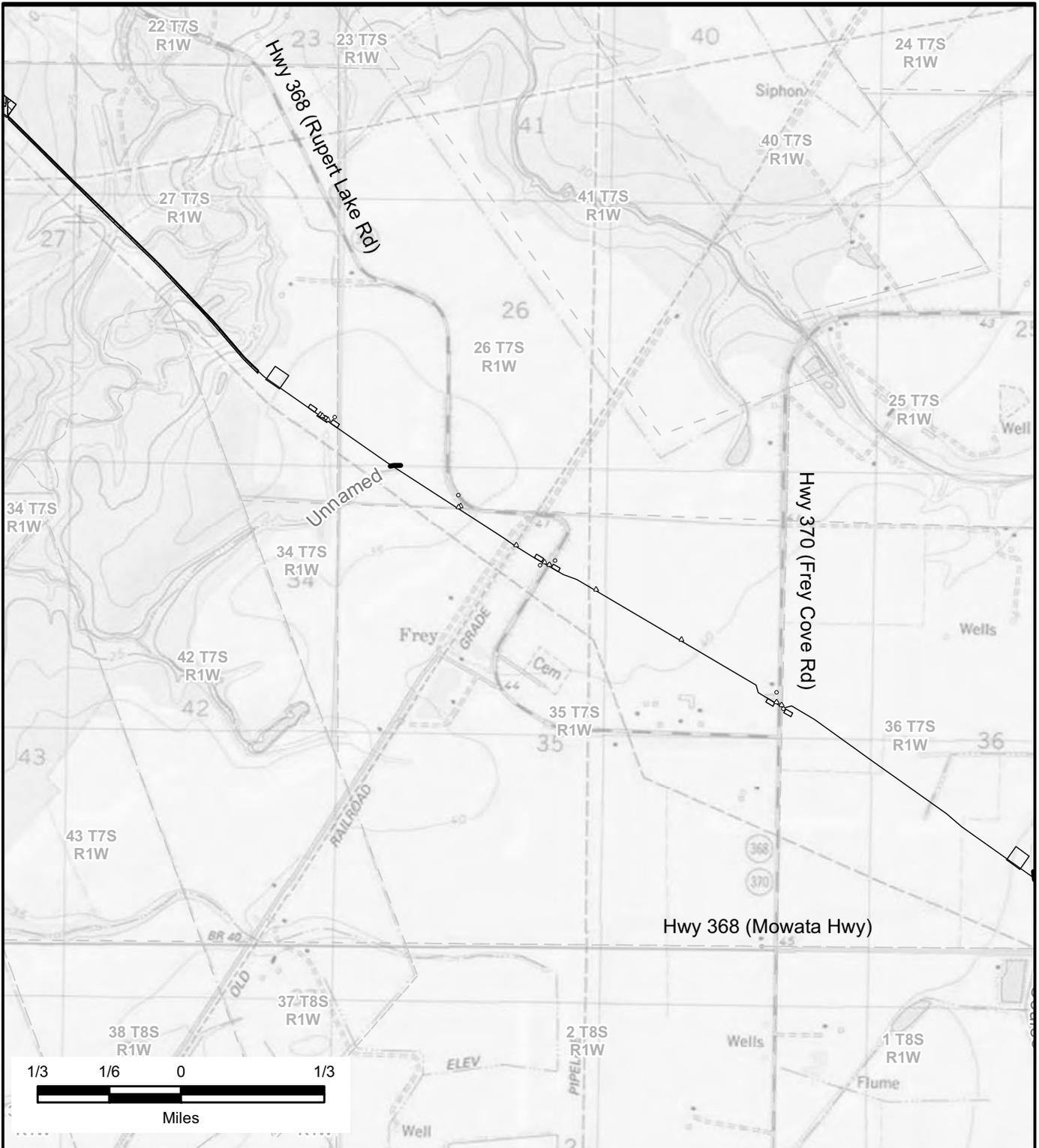
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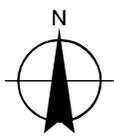
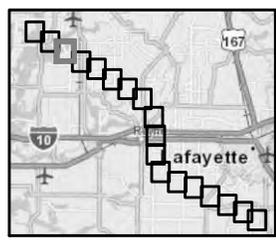
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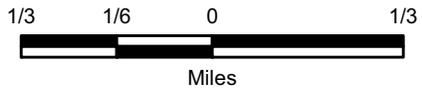
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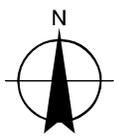
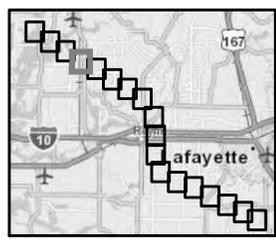
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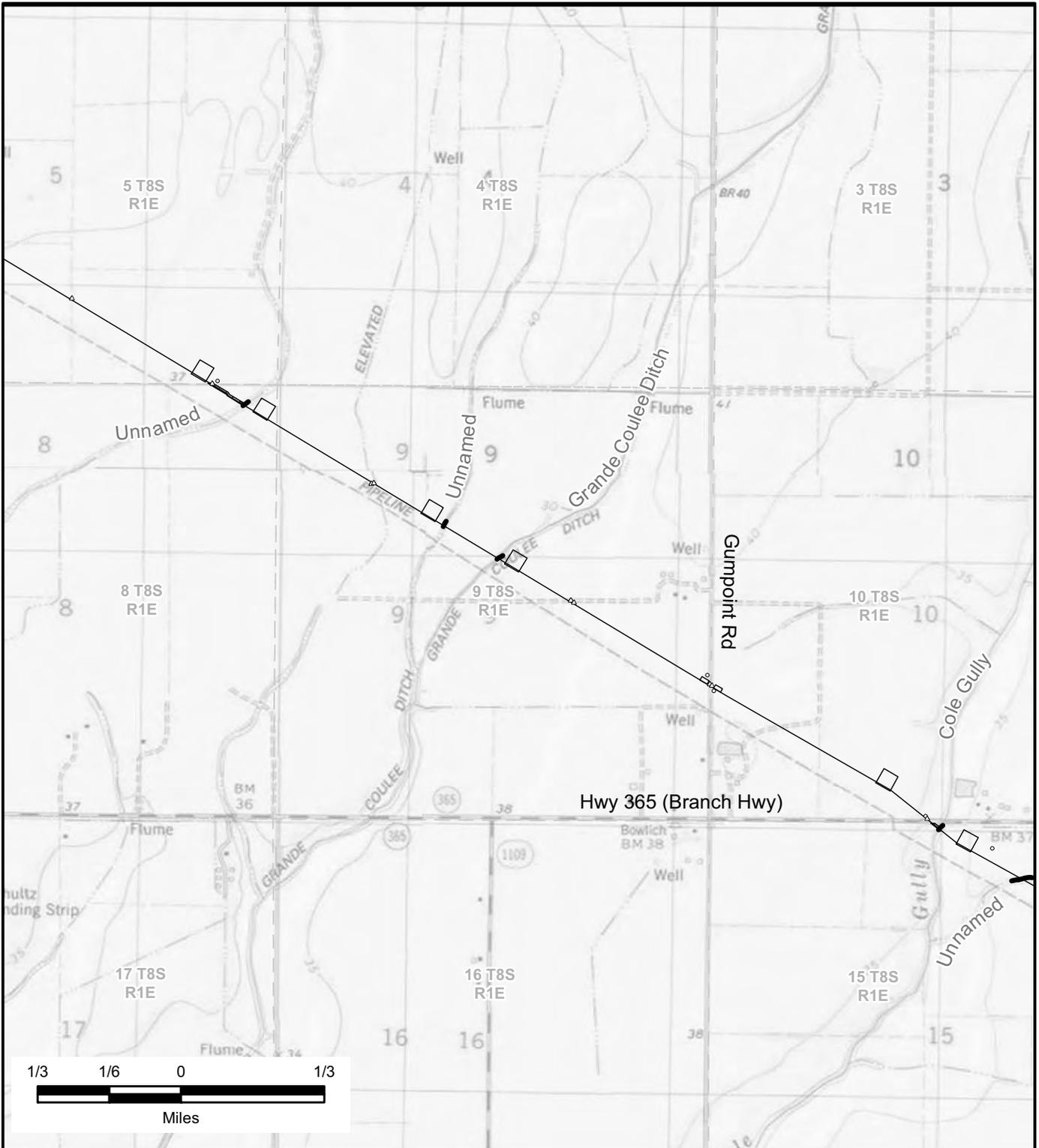
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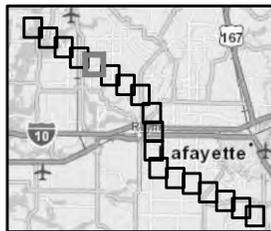


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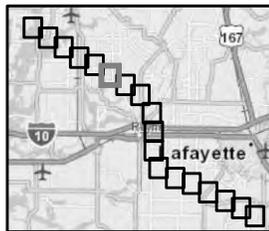
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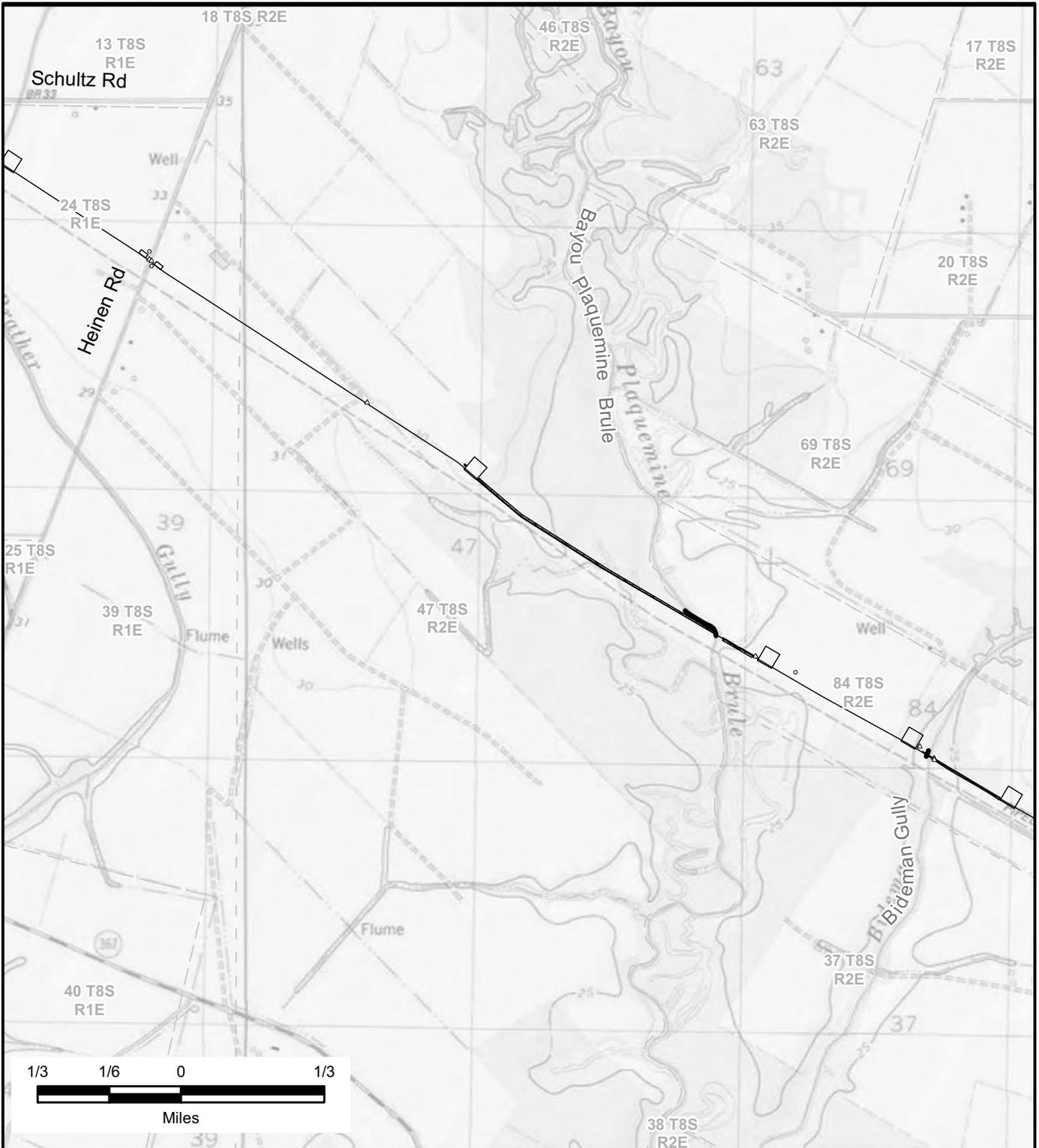
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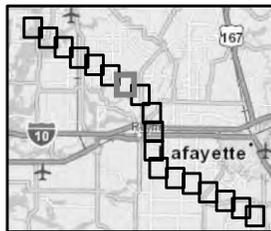
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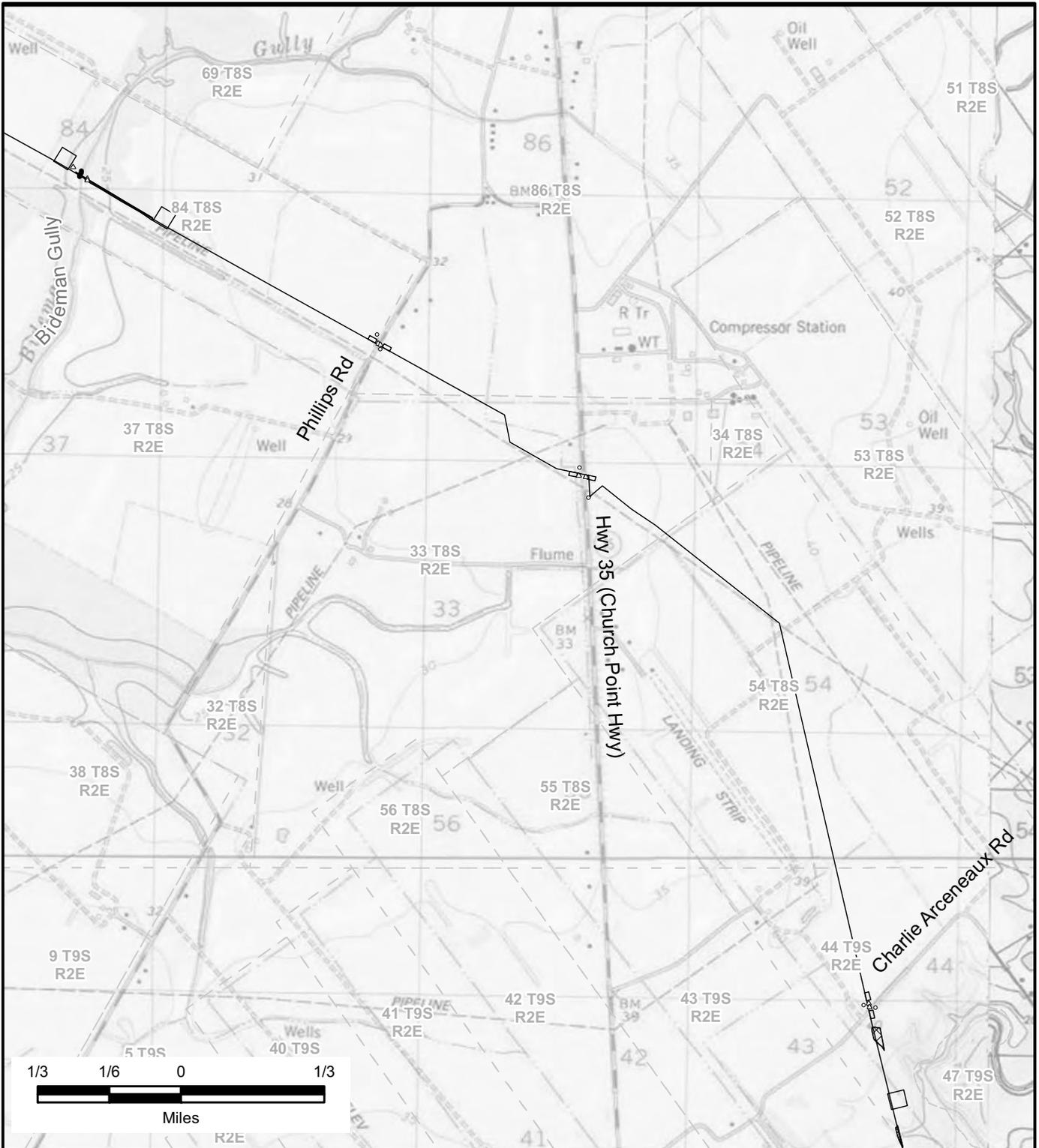
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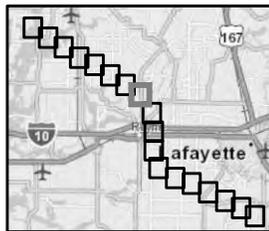
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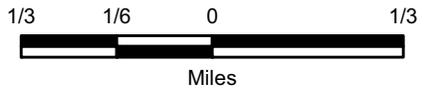
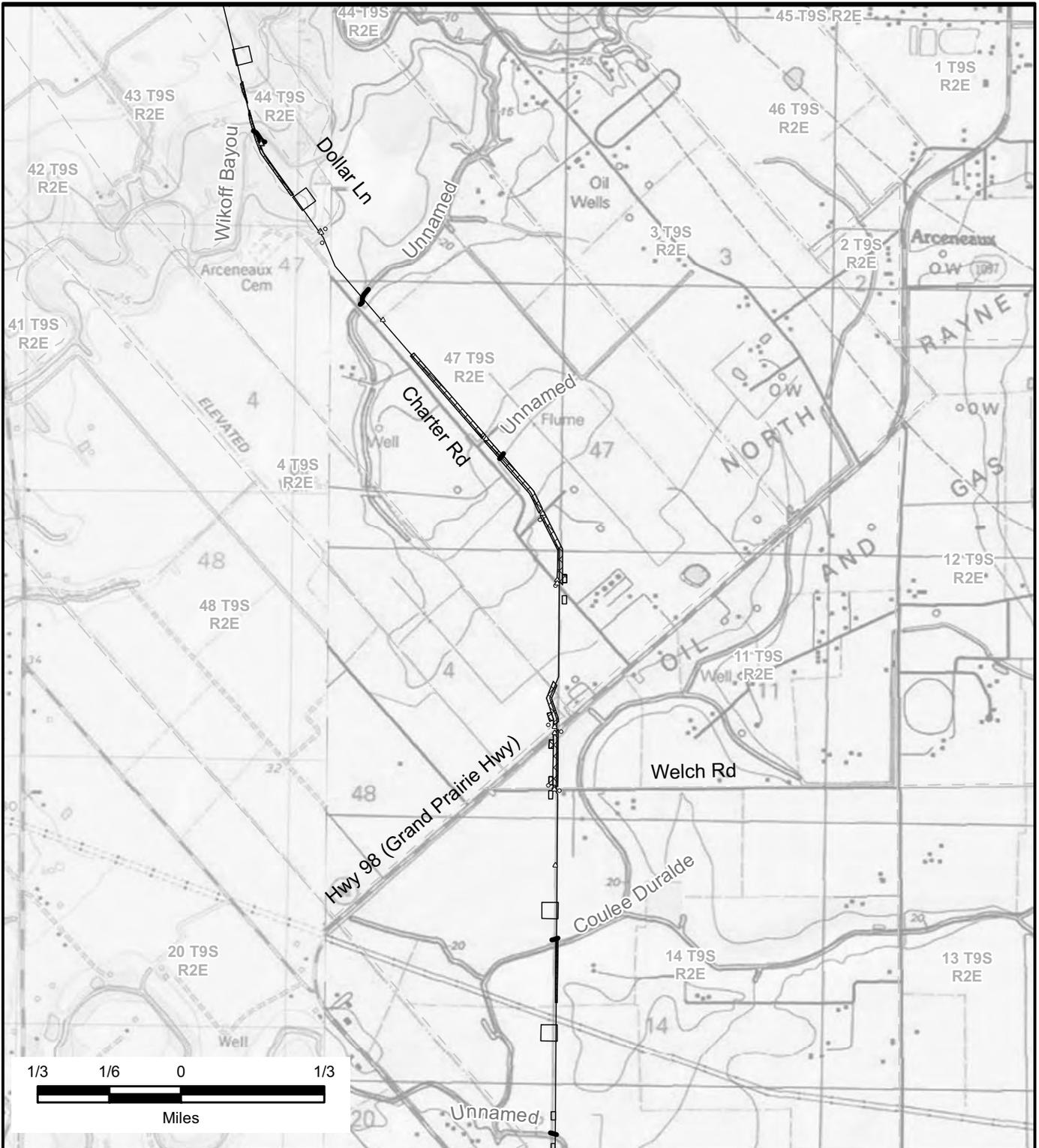
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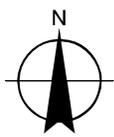
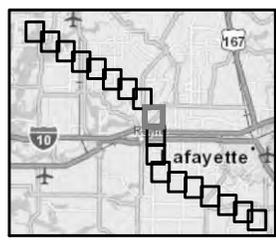
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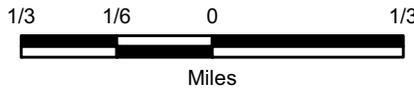
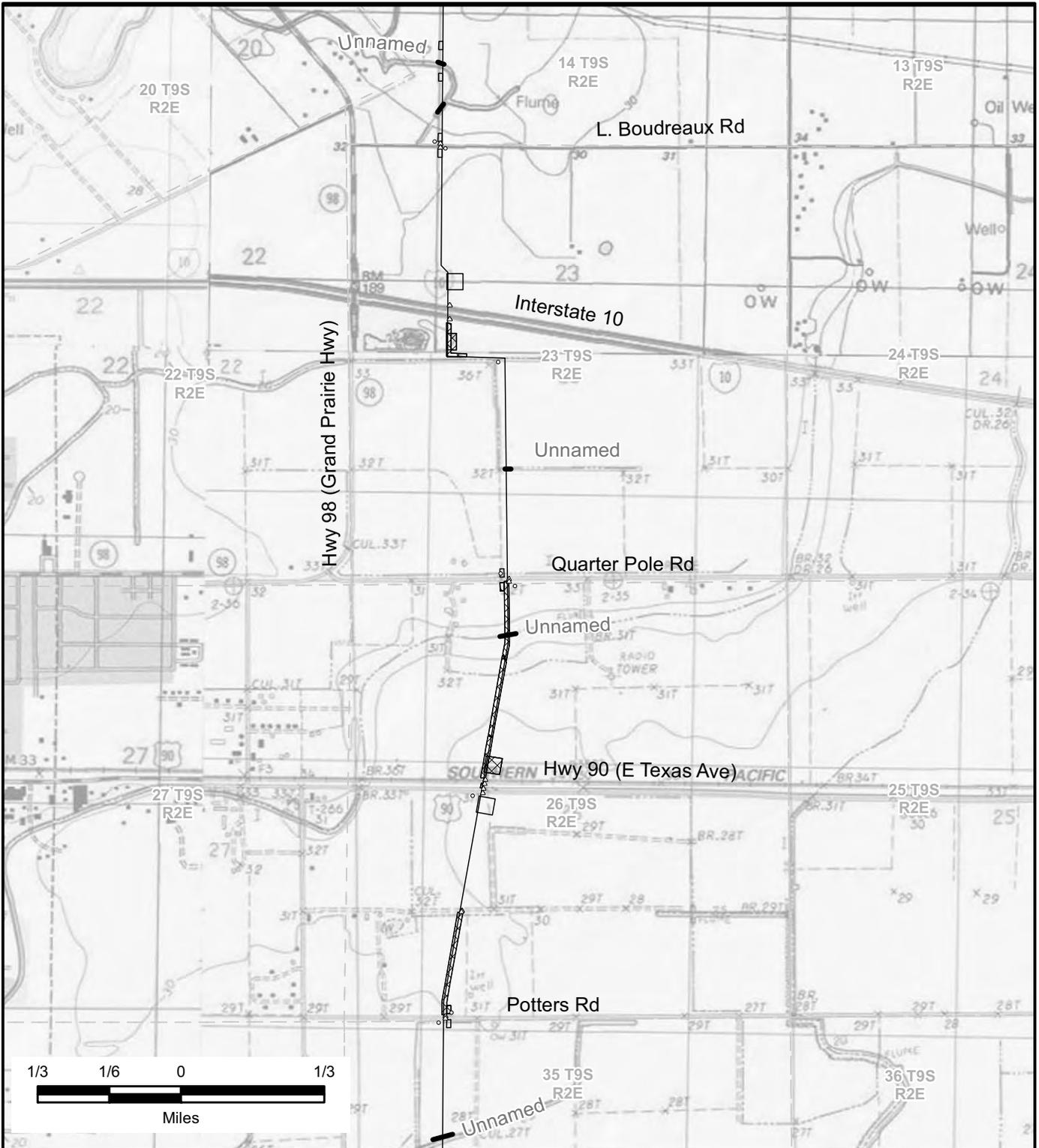
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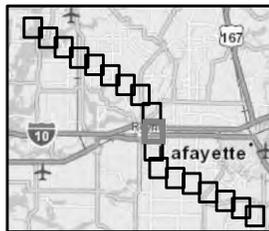
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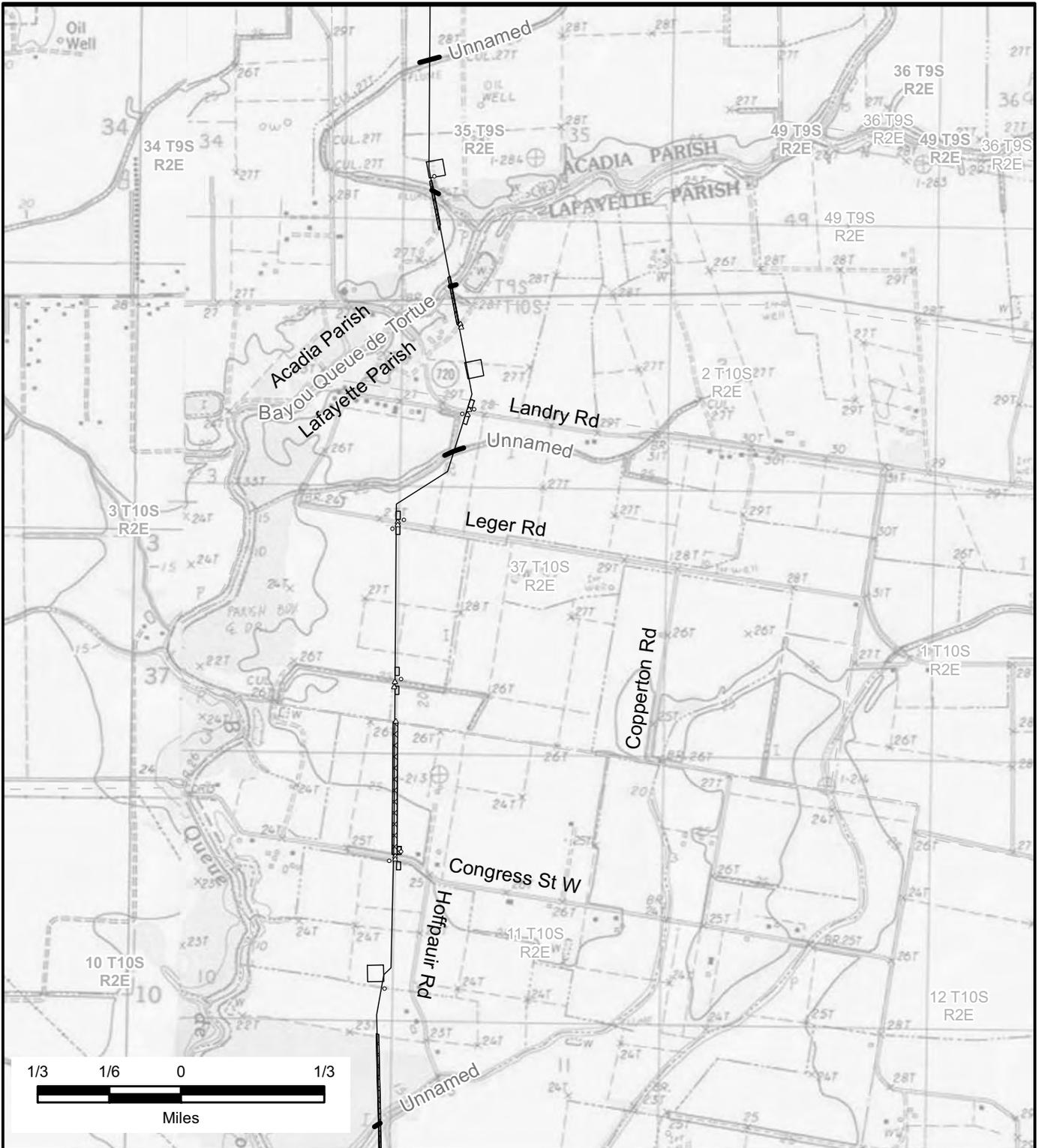
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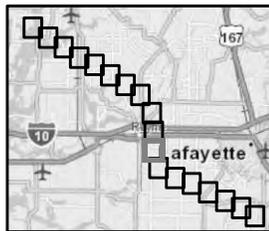
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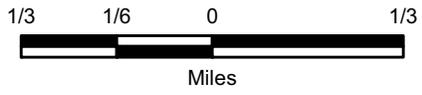
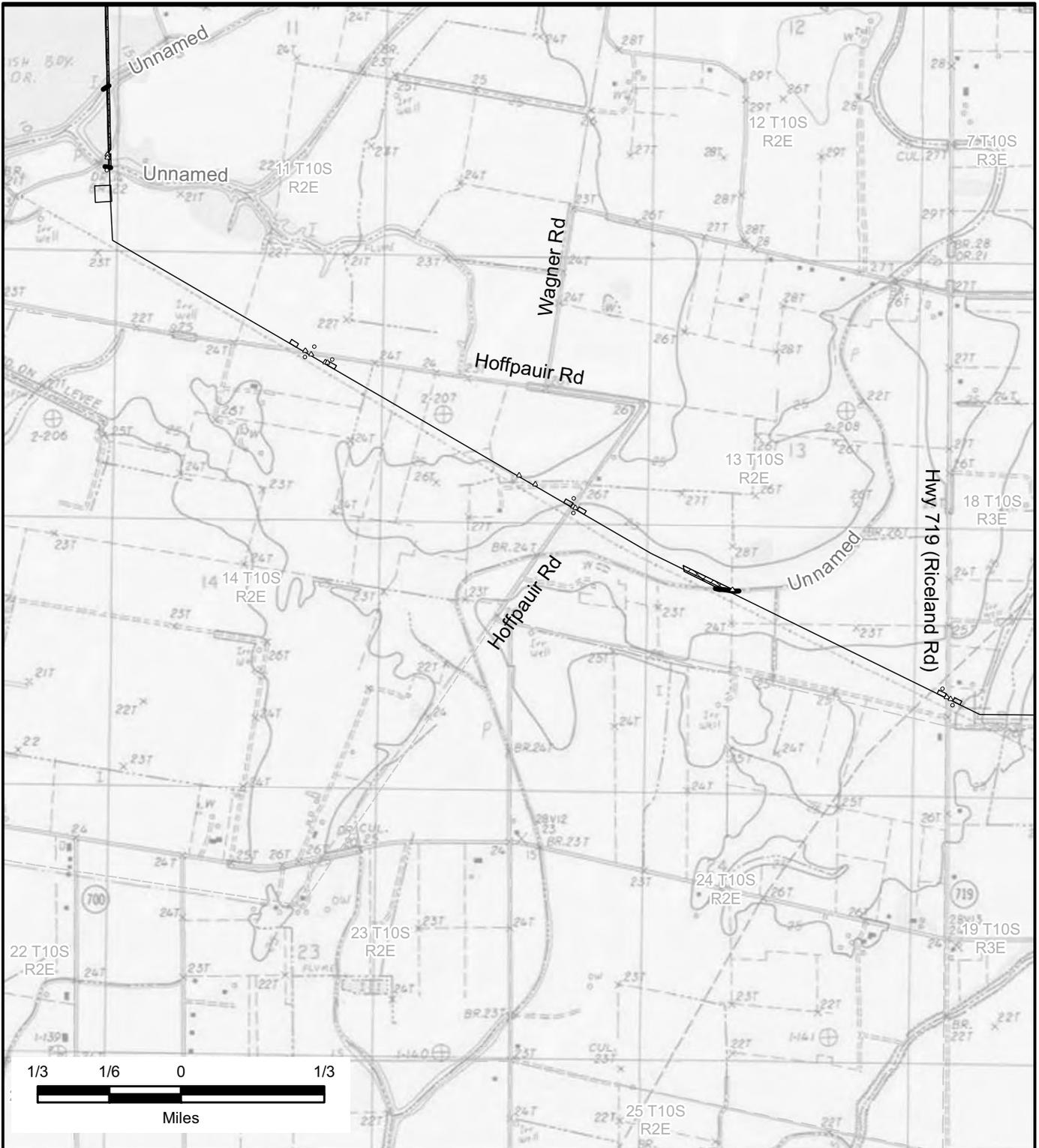
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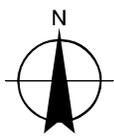
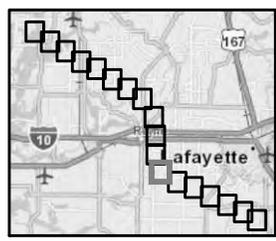
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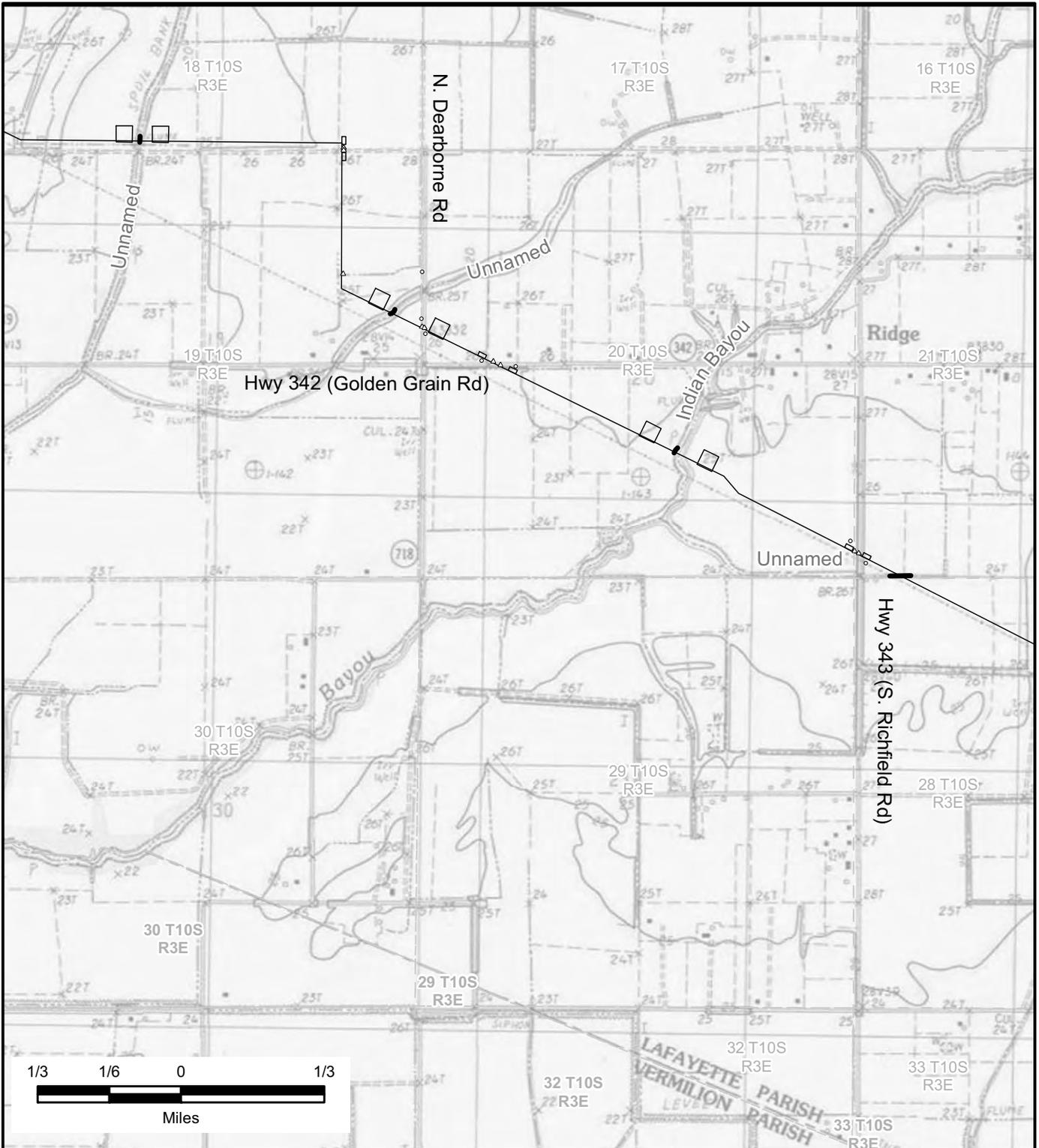
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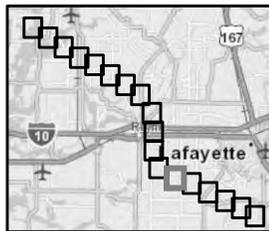
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Legend

- Centerline
- ▨ Wetland
- Resource (Water Crossing)
- △ Ditch
- Access Point
- HDD Area
- Road Bore



REFERENCE:
 Centerline file based on 979CL04-16-13.dwg file received from Pensco on 5/14/13.
 US Topo Layer provided by National Geographic Society, 1:24,000.



CAJUN SIBON PHASE II - EUNICE TO PARC PERDUE PIPELINE
 ACADIA PARISH, VERMILION PARISH, LAFAYETTE PARISH, LOUISIANA

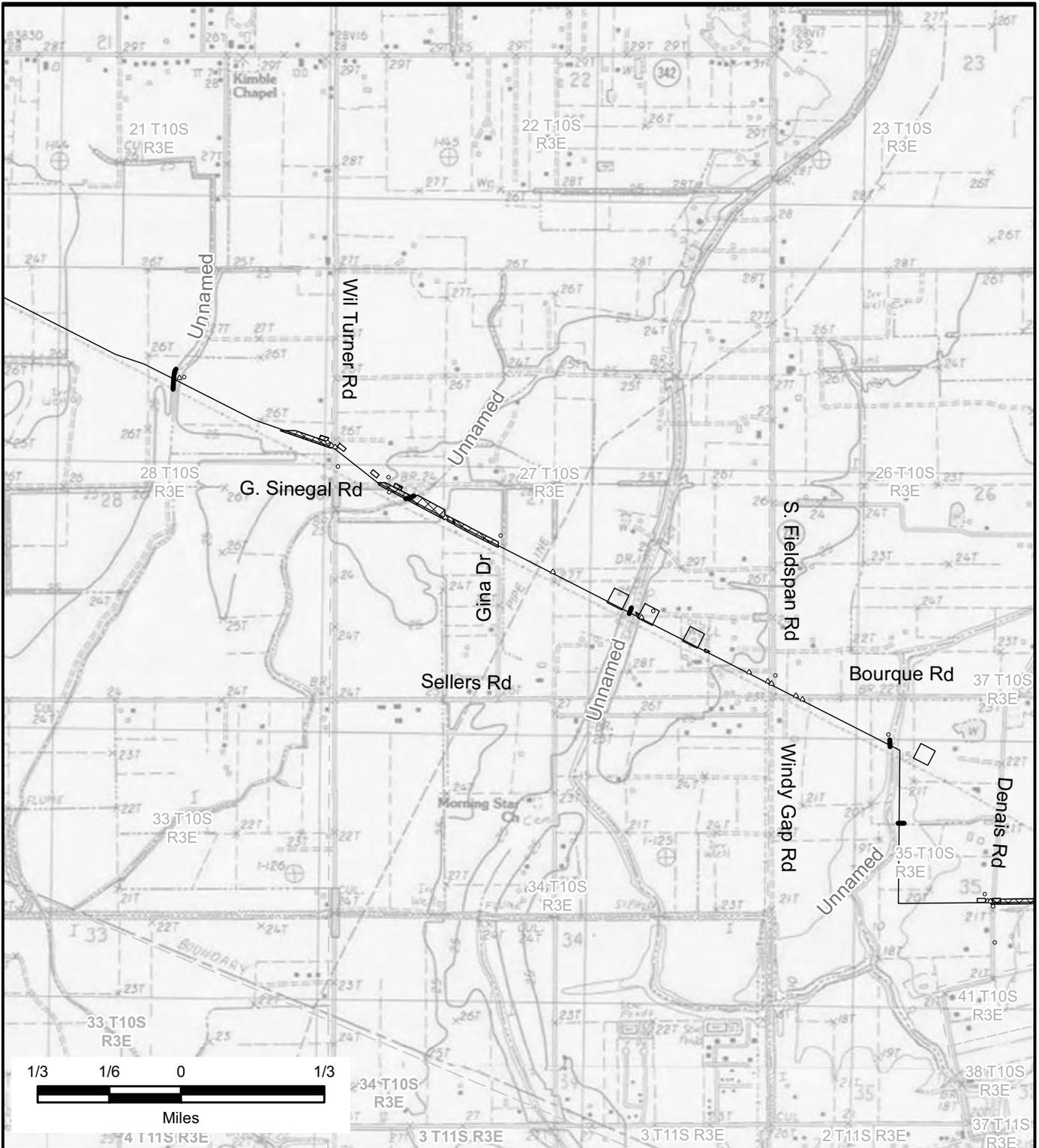
FIGURE NUMBER	MAPBOOK PAGE
14 of 19	13 of 18

CROSSING MAP



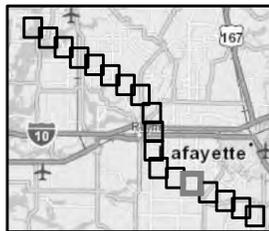
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US Topo Layer provided by National Geographic Society, 1:24,000.



CAJUN SIBON PHASE II - EUNICE TO PARC PERDUE PIPELINE
ACADIA PARISH, VERMILION PARISH, LAFAYETTE PARISH, LOUISIANA

FIGURE NUMBER

MAPBOOK PAGE

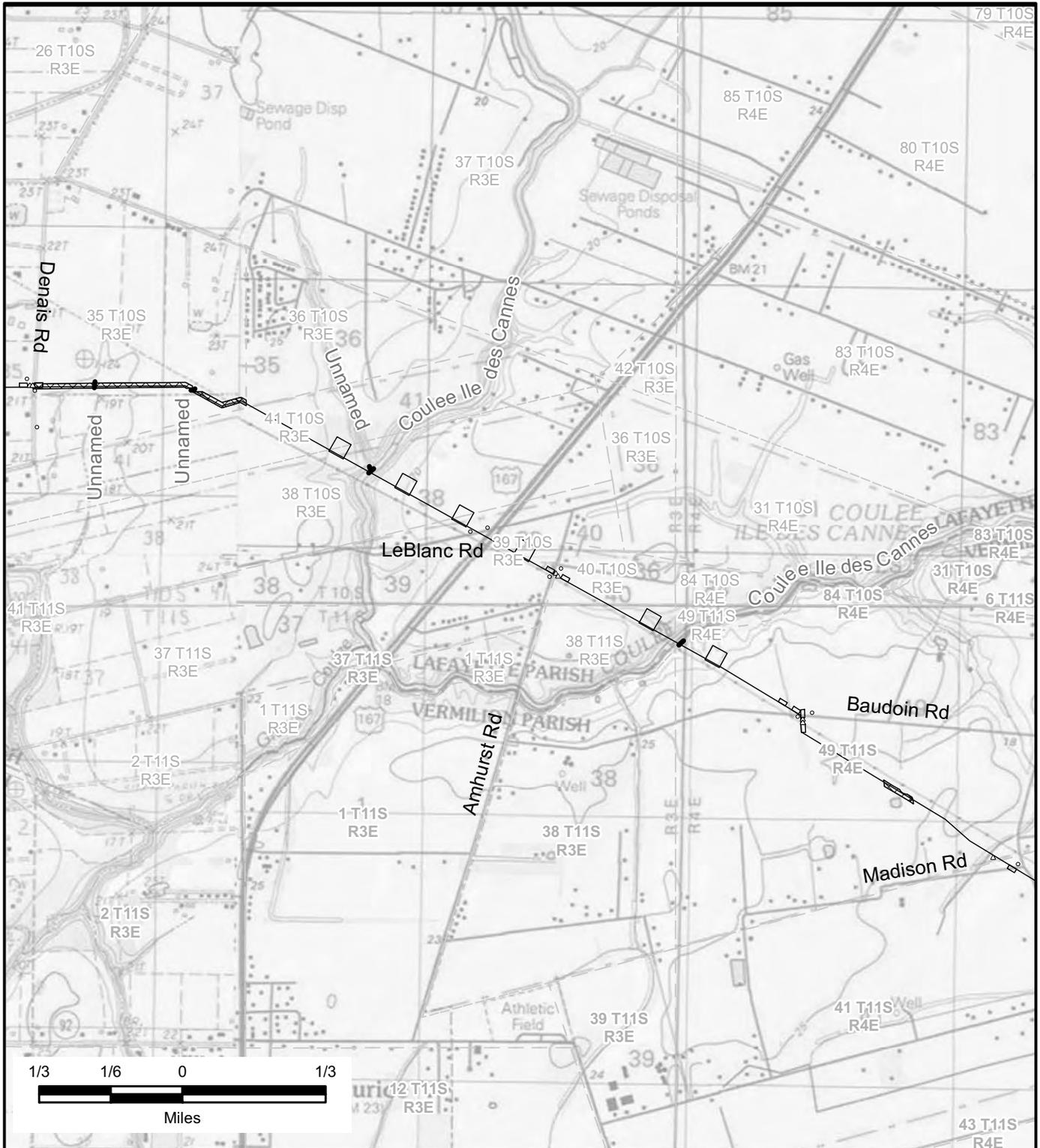
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14 of 18

CROSSING MAP



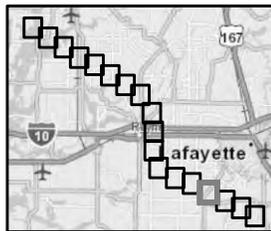
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Legend

- Centerline
- ▨ Wetland
- Resource (Water Crossing)
- △ Ditch
- Access Point
- HDD Area
- Road Bore



REFERENCE:
Centerline file based on 979CL04-16-13.dwg file received from Pensco on 5/14/13.
US Topo Layer provided by National Geographic Society, 1:24,000.



CAJUN SIBON PHASE II - EUNICE TO PARC PERDUE PIPELINE
ACADIA PARISH, VERMILION PARISH, LAFAYETTE PARISH, LOUISIANA

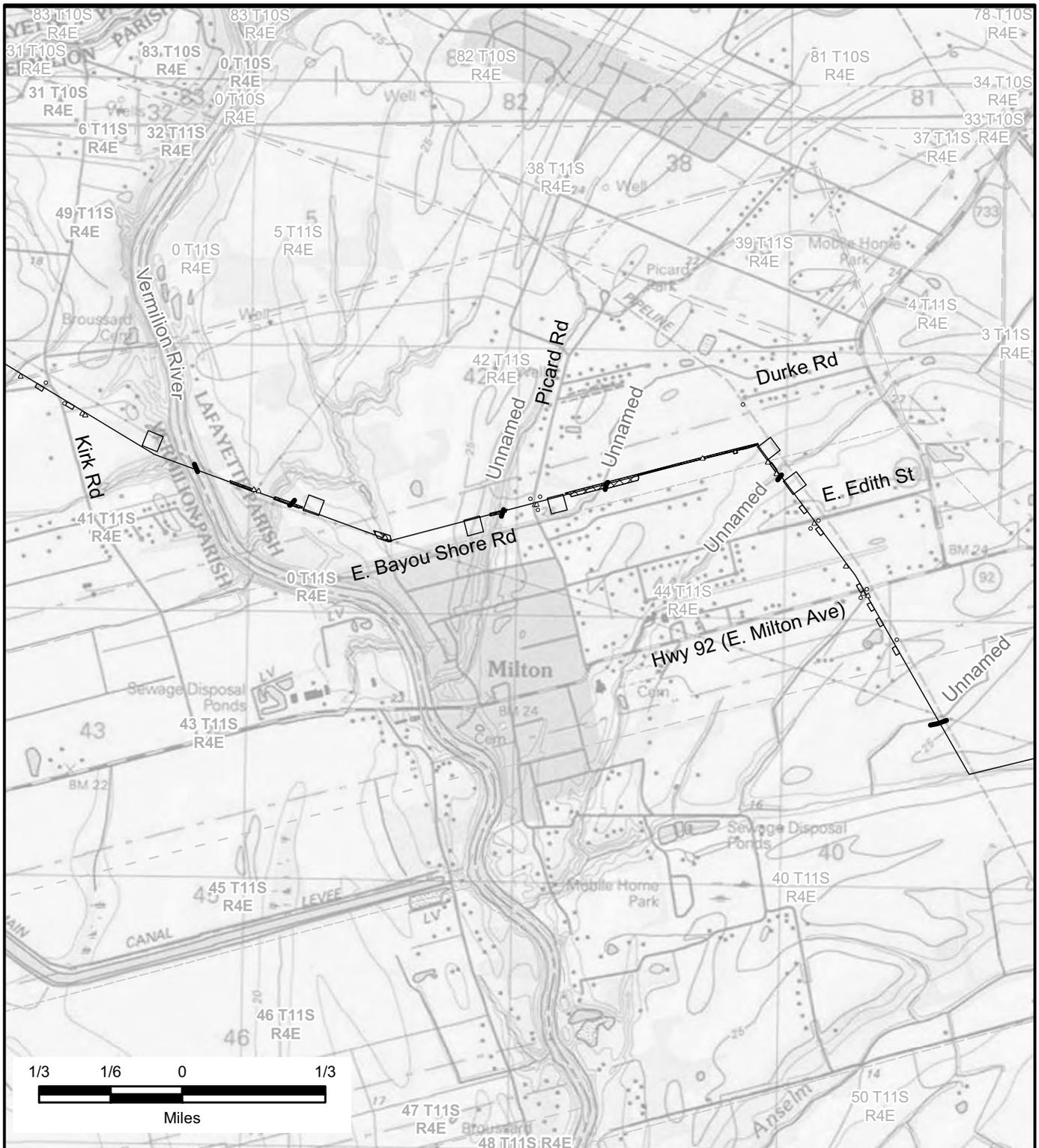
FIGURE NUMBER	MAPBOOK PAGE
16 of 19	15 of 18

CROSSING MAP



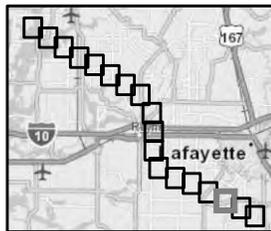
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Legend

- Centerline
- ▨ Wetland
- Resource (Water Crossing)
- △ Ditch
- Access Point
- HDD Area
- Road Bore



REFERENCE:
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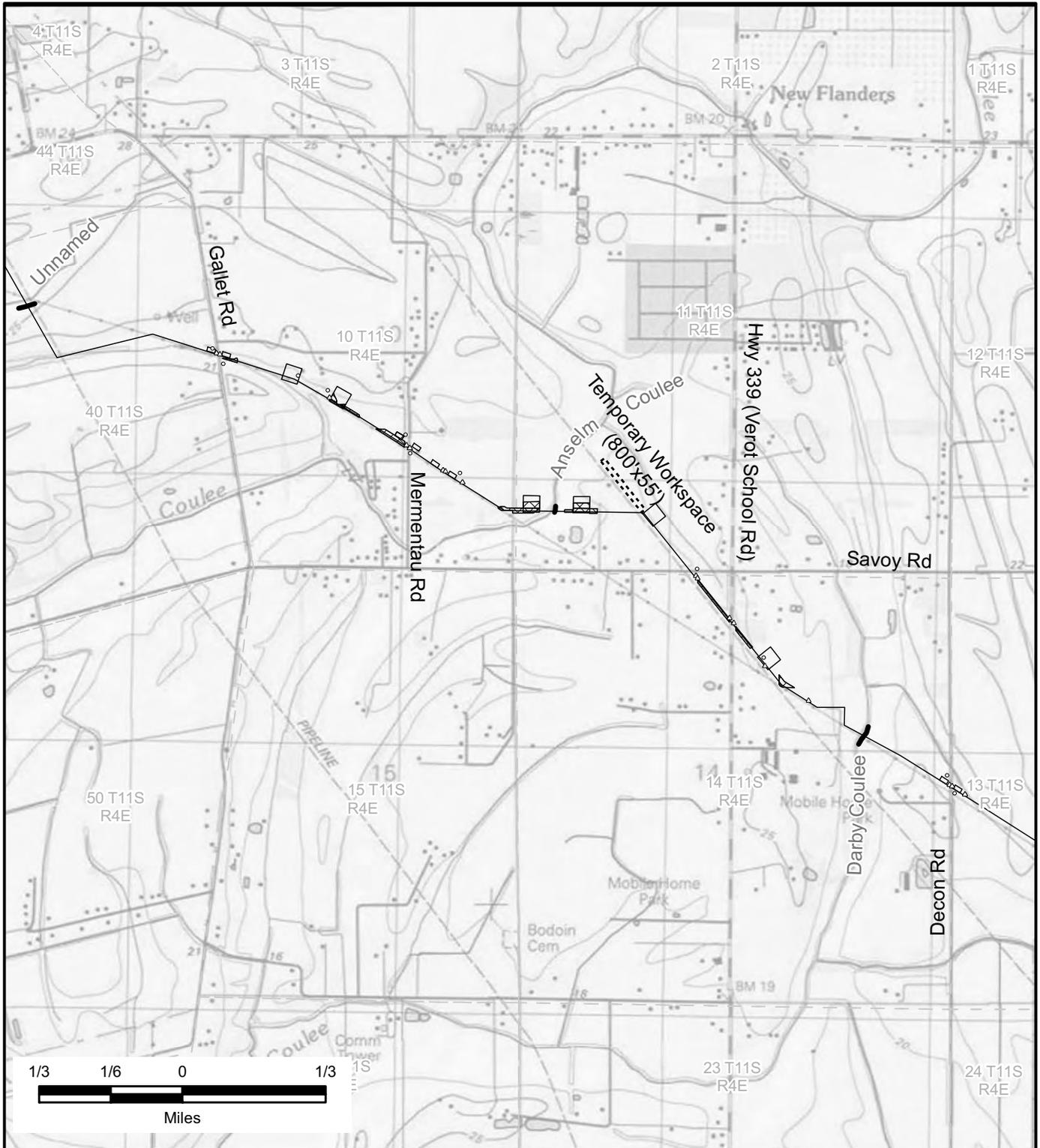
CAJUN SIBON PHASE II - EUNICE TO PARC PERDUE PIPELINE
ACADIA PARISH, VERMILION PARISH, LAFAYETTE PARISH, LOUISIANA

FIGURE NUMBER	MAPBOOK PAGE
17 of 19	16 of 18

CROSSING MAP

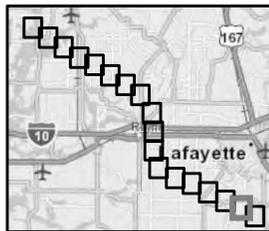


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Legend

- Centerline
- ▨ Wetland
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- △ Ditch
- Access Point
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- Road Bore



CAJUN SIBON PHASE II - EUNICE TO PARC PERDUE PIPELINE
ACADIA PARISH, VERMILION PARISH, LAFAYETTE PARISH, LOUISIANA

FIGURE
NUMBER

MAPBOOK
PAGE

CROSSING MAP

18 of 19

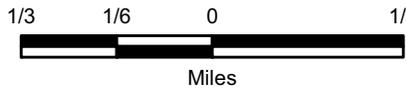
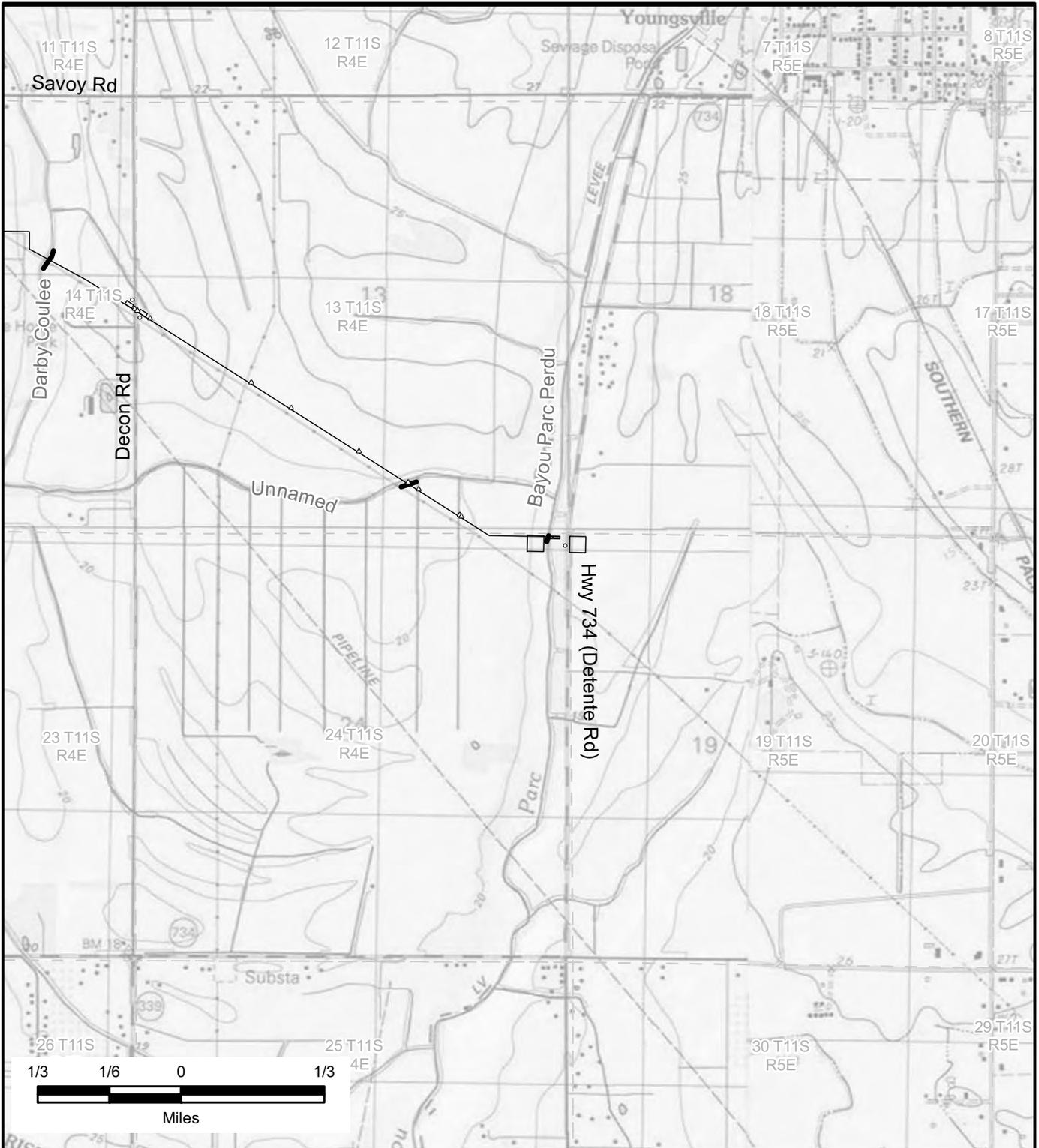
17 of 18



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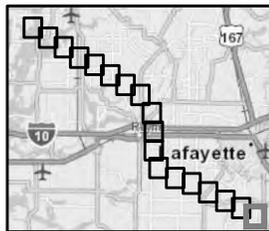
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US Topo Layer provided by National Geographic Society, 1:24,000.



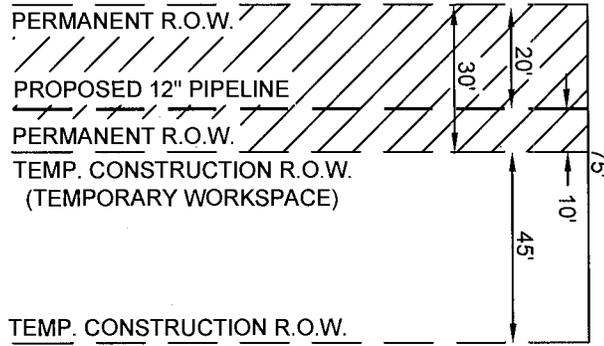
CAJUN SIBON PHASE II - EUNICE TO PARC PERDUE PIPELINE
ACADIA PARISH, VERMILION PARISH, LAFAYETTE PARISH, LOUISIANA

FIGURE NUMBER	MAPBOOK PAGE
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CROSSING MAP

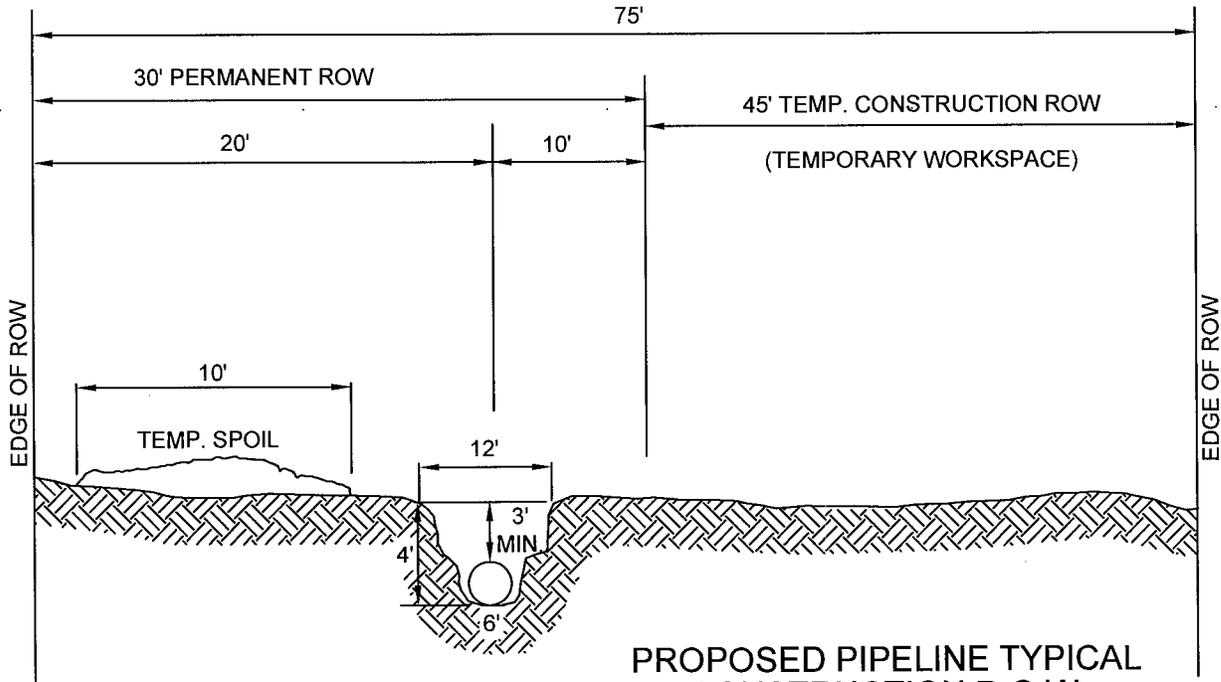


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TYPICAL R.O.W.

NOT TO SCALE
DIMENSIONS ARE AS SHOWN



**PROPOSED PIPELINE TYPICAL
CONSTRUCTION R.O.W.**

NOT TO SCALE
DIMENSIONS ARE AS SHOWN

NOTE:
Proposed 12" pipeine to be trenched 3' below existing ground.

Spoil to be temporarily stockpiled side of ditch as not to interfere with the flow of canals, & ditches. Ditch is to be backfilled to the maximum extent practicable with available materials.

Wetlands contours will be re-established after pipeline installation.

Reference: Source drawing provided by Crosstex.



CAJUN SIBON PHASE II - EUNICE TO PARC PERDUE PIPELINE
ACADIA PARISH, VERMILION PARISH, LAFAYETTE PARISH, OUISIANA

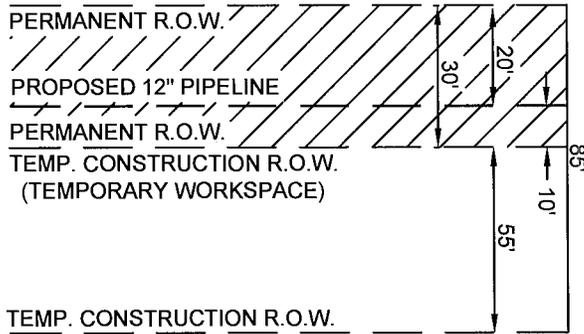
FIGURE
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**TYPICAL CONSTRUCTION ROW
PLAN AND CROSS SECTION**

40 of 48

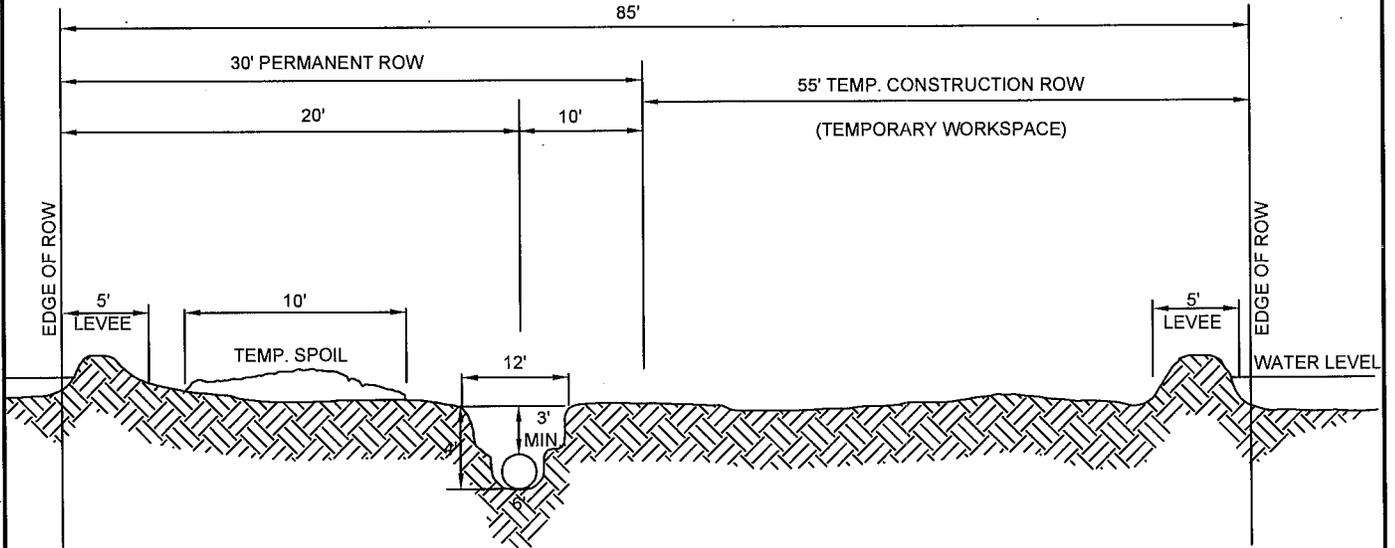


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TYPICAL AGRICULTURAL R.O.W.

NOT TO SCALE
DIMENSIONS ARE AS SHOWN



PROPOSED PIPELINE AGRICULTURAL CONSTRUCTION R.O.W.

NOT TO SCALE
DIMENSIONS ARE AS SHOWN

NOTE:
Proposed 12" pipeine to be trenched 3' below existing ground.

Spoil to be temporarily stockpiled side of ditch as not to interfere with the flow of canals, & ditches. Ditch is to be backfilled to the maximum extent practicable with available materials.

Wetlands contours will be re-established after pipeline installation.

Reference: Source drawing provided by Crosstex.



CAJUN SIBON PHASE II - EUNICE TO PARC PERDUE PIPELINE
ACADIA PARISH, VERMILION PARISH, LAFAYETTE PARISH, LOUISIANA

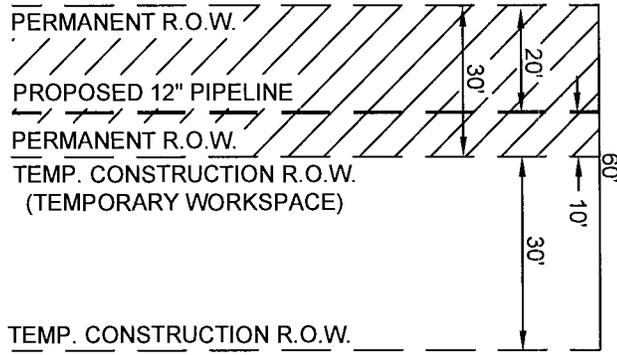
FIGURE
NUMBER

41 of 48

TYPICAL AGRICULTURAL CONSTRUCTION ROW PLAN AND CROSS SECTION

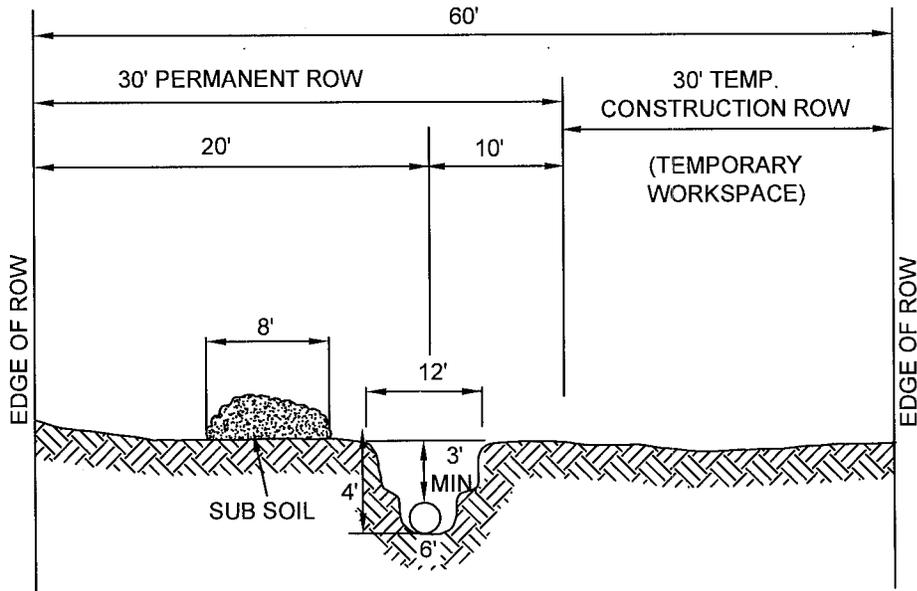


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TYPICAL WETLAND R.O.W.

NOT TO SCALE
DIMENSIONS ARE AS SHOWN



PROPOSED PIPELINE TYPICAL WETLAND CONSTRUCTION R.O.W.

NOT TO SCALE
DIMENSIONS ARE AS SHOWN

NOTE:
Proposed 12" pipeine to be trenched 3' below existing ground.

Spoil to be temporarily stockpiled side of ditch as not to interfere with the flow of canals, & ditches. Ditch is to be backfilled to the maximum extent practicable with available materials.

Wetlands contours will be re-established after pipeline installation.

Reference: Source drawing provided by Crosstex.



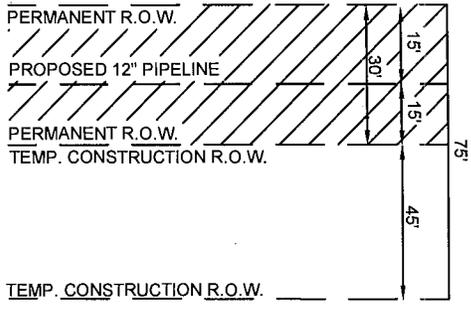
CAJUN SIBON PHASE II - EUNICE TO PARC PERDUE PIPELINE
ACADIA PARISH, VERMILION PARISH, LAFAYETTE PARISH, LOUISIANA

FIGURE
NUMBER
42 of 48

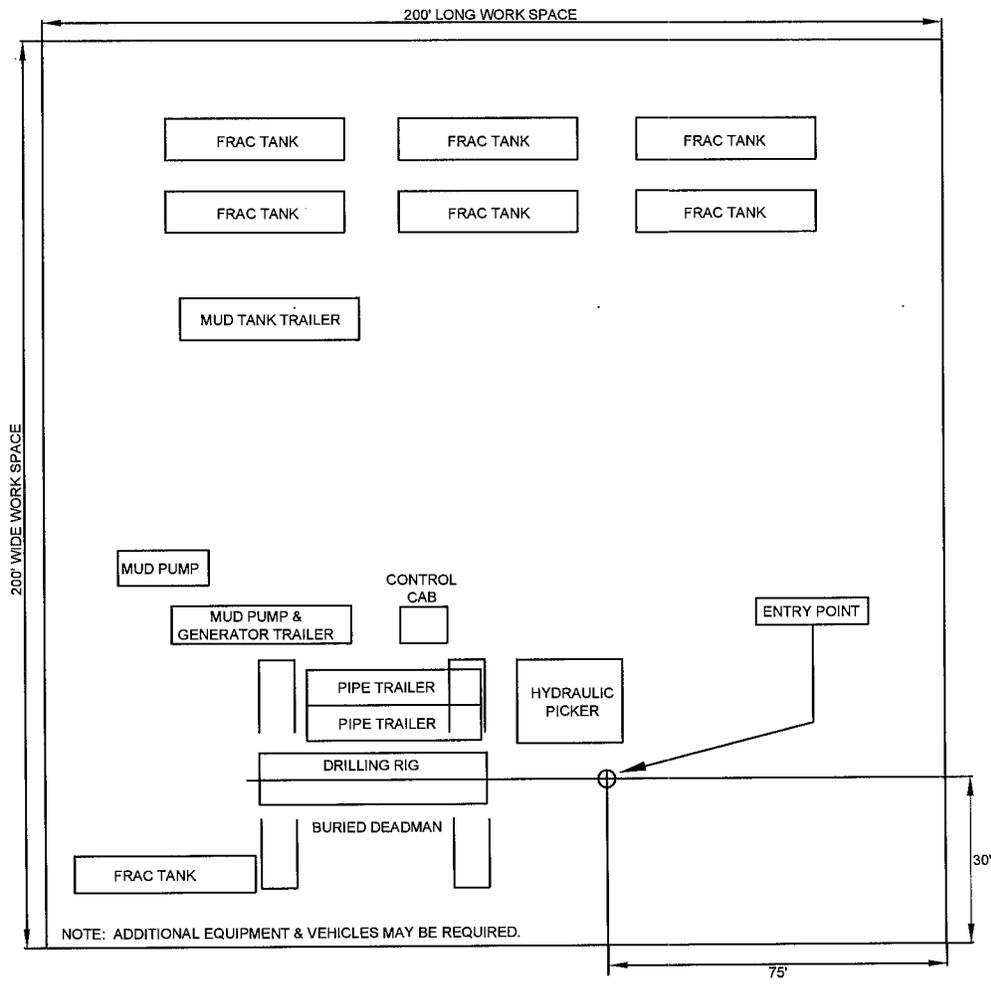
**TYPICAL WETLAND
CONSTRUCTION ROW
PLAN AND CROSS SECTION**



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HORIZONTAL DIRECTIONAL DRILL R.O.W.
NOT TO SCALE
 DIMENSIONS ARE AS SHOWN



TYPICAL ENTRY SITE SETUP-LARGE RIG
NOT TO SCALE
 DIMENSIONS ARE AS SHOWN

NOTE:
 Proposed 12" pipeine to be trenched 3' below existing ground.

Spoil to be temporarily stockpiled side of ditch as not to interfere with the flow of canals, & ditches. Ditch is to be backfilled to the maximum extent practicable with available materials.

Wetlands contours will be re-established after pipeline installation.

Reference: Source drawing provided by Crosstex.



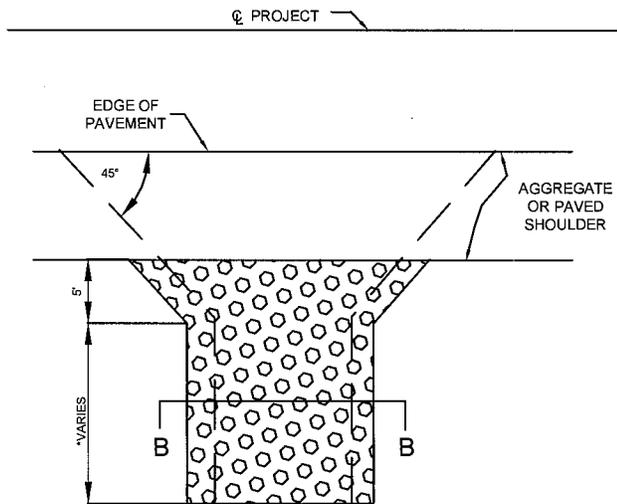
CAJUN SIBON PHASE II - EUNICE TO PARC PERDUE PIPELINE
 ACADIA PARISH, VERMILION PARISH, LAFAYETTE PARISH, LOUISIANA

FIGURE NUMBER	HORIZONTAL DIRECTIONAL DRILL ROW PLAN AND CROSS SECTION
43 of 48	



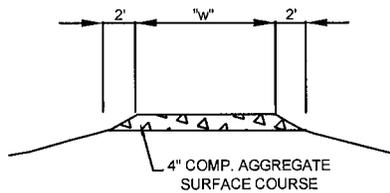
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TYPE "E"

Aggregate surface course drive to be used at locations where drive does not connect to residence or commercial establishments.



SECTION B-B

* SEE PLANS
 'w' = Width as per plans

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Reference: Source drawing provided by Louisiana DOTD, Standard Plan DW-02, 4-16-12.



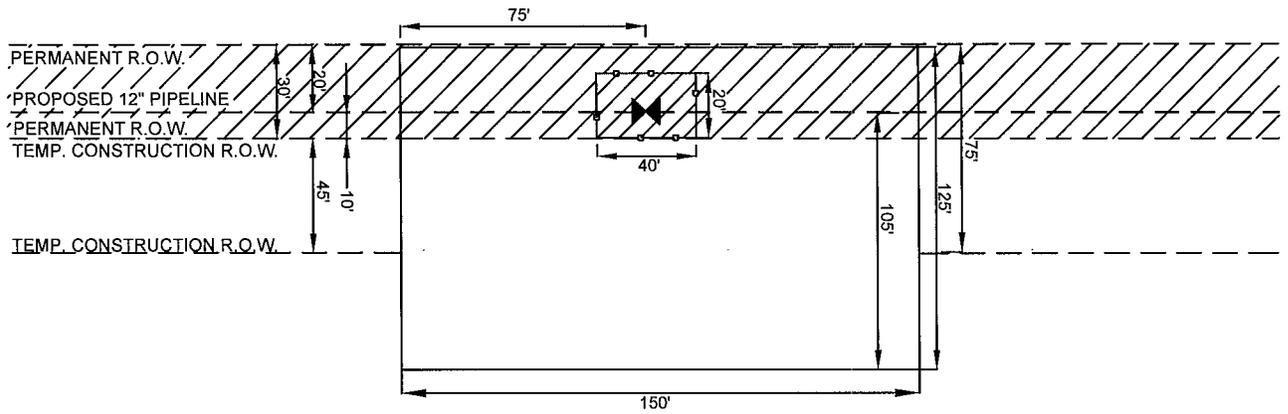
CAJUN SIBON PHASE II - EUNICE TO PARC PERDUE PIPELINE
 ACADIA PARISH, VERMILION PARISH, LAFAYETTE PARISH, LOUISIANA

FIGURE NUMBER
 44 of 48

**DOTD CONSTRUCTION
 ENTRANCE TYPE "E"
 SECTION B-B**

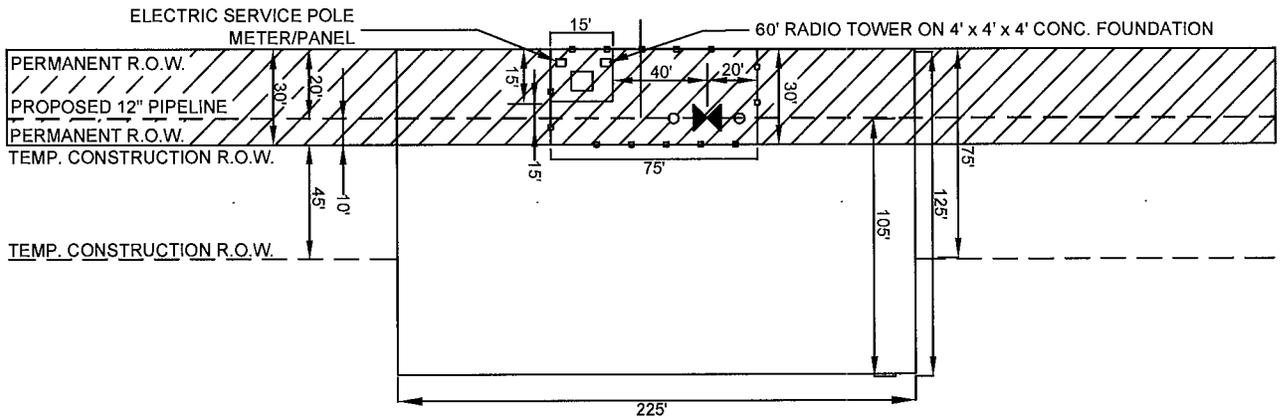


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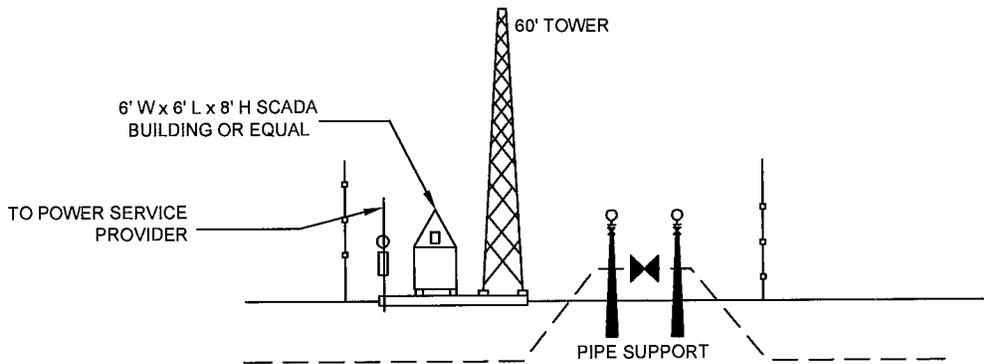
PROPOSED VALVE CONSTRUCTION/PERMANENT R.O.W.

NOT TO SCALE
DIMENSIONS ARE AS SHOWN



PROPOSED REMOTE ACTUATOR BLOCK VALVE SETTING & RADIO TOWER CONSTRUCTION/PERMANENT R.O.W.

0 SCALE
DIMENSIONS ARE AS SHOWN



PROFILE
NOT TO SCALE
DIMENSIONS ARE AS SHOWN

NOTE:

Permittee shall contact Louisiana One Call at 1-800-272-3020 forty-eight hours prior to excavation or demolition.

Reference: Source drawing provided by Crosstex.



CAJUN SIBON PHASE II - EUNICE TO PARC PERDUE PIPELINE
ACADIA PARISH, VERMILION PARISH, LAFAYETTE PARISH, LOUISIANA

FIGURE
NUMBER

45 of 48

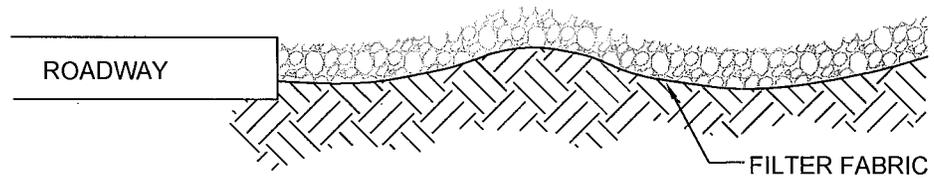
**PROPOSED VALVE
CONSTRUCTION PLAN
AND PROFILE**



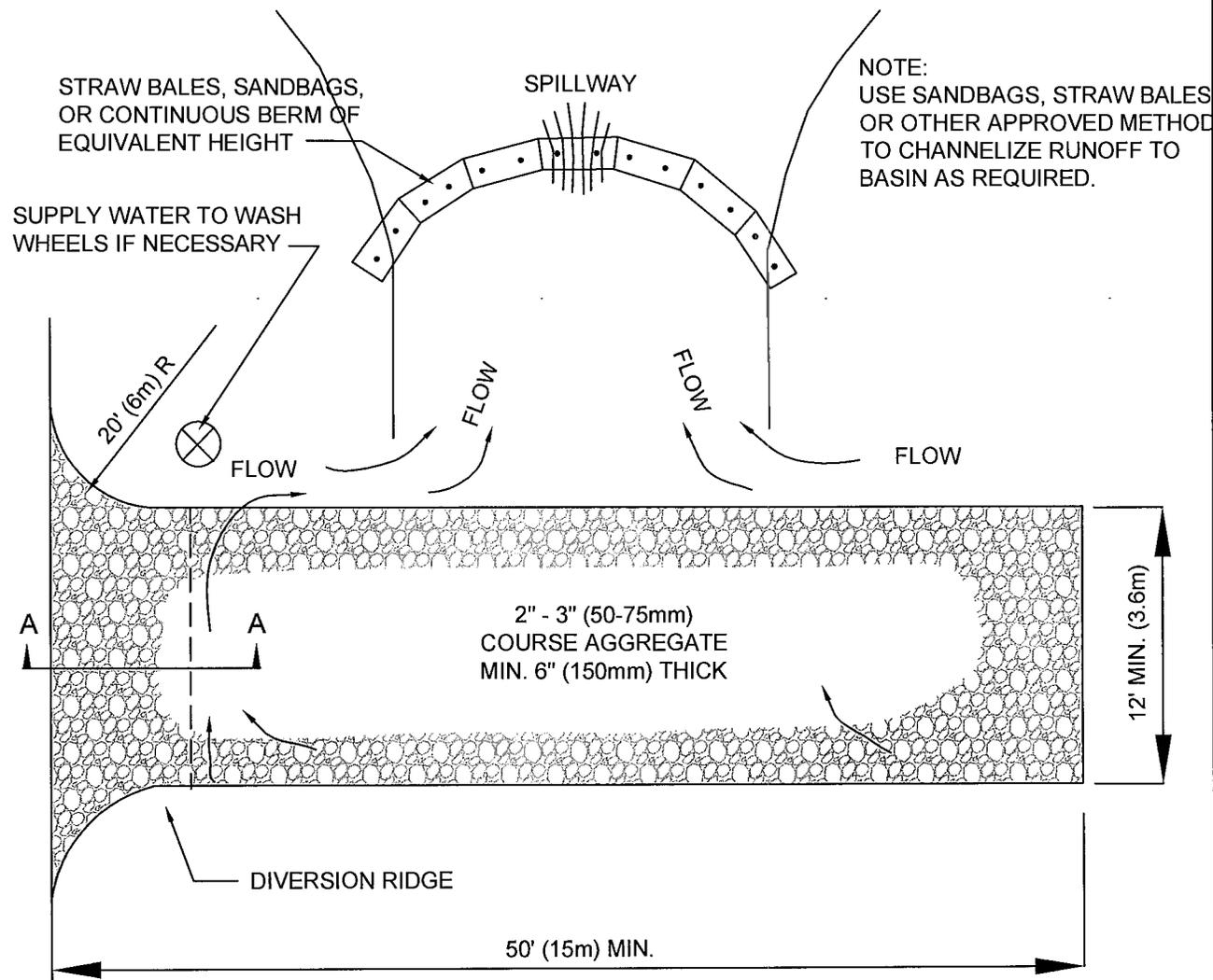
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DIVERSION RIDGE REQUIRED
WHERE GRADE EXCEEDS 2%

2% OR GREATER



SECTION A - A



PLAN

NOTES:

1. The entrance shall be maintained in a condition that will prevent tracking or flowing of sediment onto public right-of-ways. This may require top dressing, repair and/or clean out of any measures used to trap sediment.
2. When necessary, wheels shall be cleaned prior to entrance onto public right-of-way.
3. When washing is required, it shall be done on an area stabilized with crushed stone that drains into an approved sediment trap or sediment basin.

Reference: Source drawing provided by Crosstex.



CAJUN SIBON PHASE II - EUNICE TO PARC PERDUE PIPELINE
ACADIA PARISH, VERMILION PARISH, LAFAYETTE PARISH, LOUISIANA

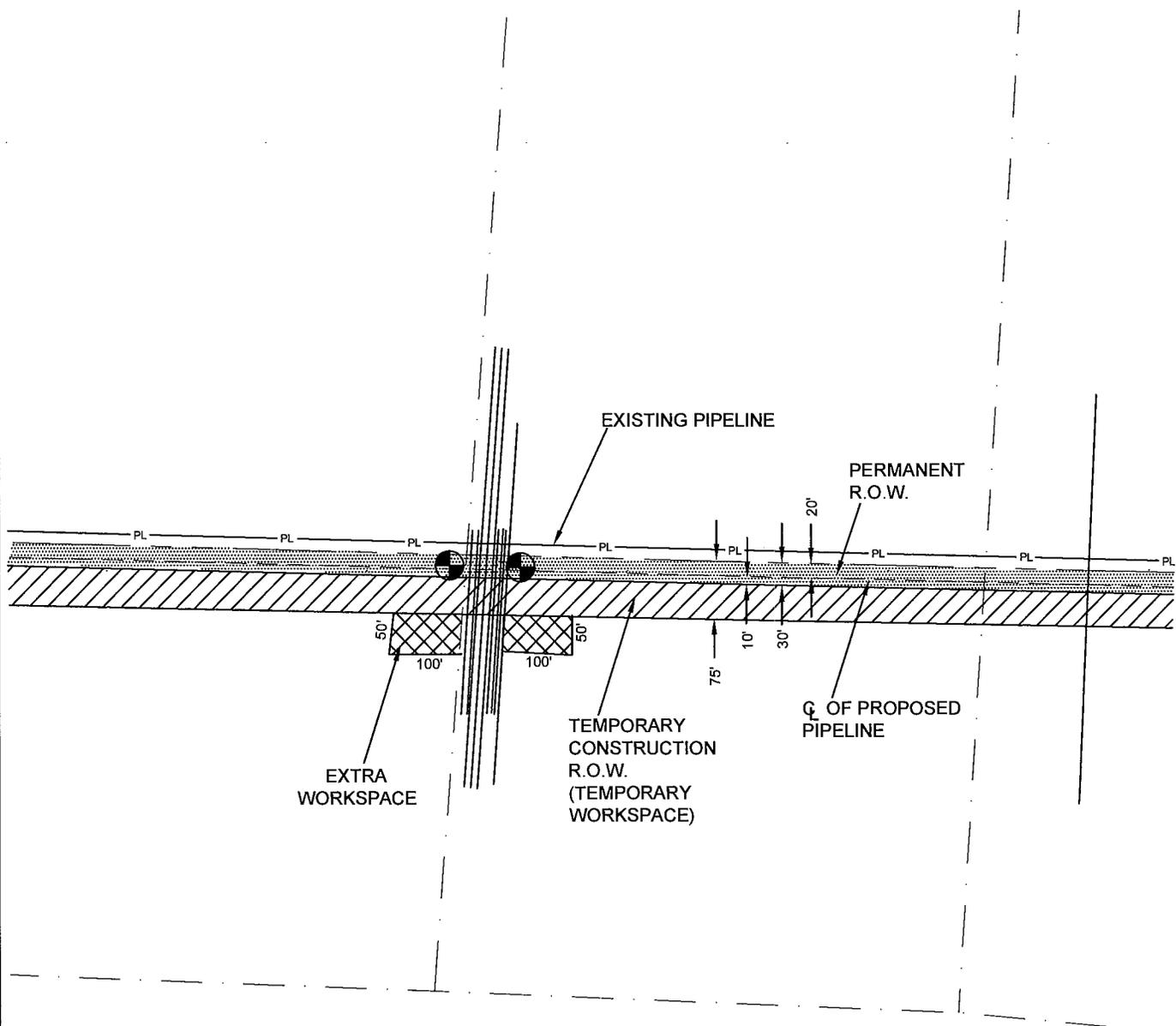
FIGURE
NUMBER
47 of 48

**TEMPORARY GRAVEL
CONSTRUCTION
ENTRANCE/EXIT**



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Reference: Source drawing provided by Crosstex.

	
CAJUN SIBON PHASE II - EUNICE TO PARC PERDUE PIPELINE ACADIA PARISH, VERMILION PARISH, LAFAYETTE PARISH, LOUISIANA	
FIGURE NUMBER 48 of 48	TYPICAL EXTRA WORK SPACE FOR ROAD BORES
	
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WETLAND MITIGATION PLAN

BASELINE INFORMATION

This tentative wetland mitigation plan for direct, secondary, and cumulative unavoidable impacts to wetlands and other waters of the United States (Waters of the US) is prepared as part of permitting requirements for the Crosstex Energy Services, L.P. (Crosstex) proposed Cajun Sibon (CS) II – Natural Gas Liquids (NGL) Pipeline Project (Project) under Section 404 of the Clean Water Act. The proposed CS II – NGL Pipeline Project currently consists of the installation of approximately 45 miles of 12-inch pipeline between Eunice and Youngsville, Louisiana. The project boundaries and area of investigation (AOI) are defined by a 60-foot to 85-foot right of way (ROW) along a 45-mile linear corridor located in Acadia Parish, Vermilion Parish, and Lafayette Parish, Louisiana. An overall project site location map can be seen as **Figure 1 – Vicinity Map** attached to this application. The proposed pipeline project will begin in Acadia Parish, southwest of Eunice, at the Crosstex Facility located on LA Highway 3068 (Refinery Rd.) and follow a southeasterly path along an existing ROW that is currently being maintained by other pipeline companies. The proposed pipeline will take a more southerly line after crossing LA Highway 35 (Church Point Hwy.) before entering Lafayette Parish with the crossing of Bayou Queue de Torture just north of LA Highway 720. It will proceed southward until reaching the CLECO electrical transmission line located along Hoffpaur Road where it turns southeasterly briefly crossing into Vermilion Parish just east of Amhurst Road at Coulee Ile des Cannes, then back into Lafayette Parish after crossing the Vermilion River just northwest of Milton. The remaining 5 miles of proposed route continues southeasterly to the terminus located along Bayou Parc Perdue at LA Highway 734. The AOI is comprised of an existing gas pipeline ROW and the land is utilized for agriculture (primarily rice fields and crawfish ponds) pasture land, rural residential/homestead, industrial properties, forests and open waters (streams, road and farm/agricultural ditches).

The proposed 45 mile project ROW transects several habitats and transects numerous jurisdictional features. The proposed pipeline will cross 51 water resources, 196 ditches and 53 wetlands for a total of 300 jurisdictional crossings. The total unavoidable impact to jurisdictional features is 54.73 acres (see **Table 1**).

Table 1 – Impact Summary Table

	Description	Wetland Impacts (Acres)
1	Wetlands	51.23
2	Resources*	0.71
3	Ditches**	2.80
TOTAL		54.73

* Waters of the US - streams

** Waters of the US - ditches

A significant length of the ROW transects agricultural croplands. Most of these cropland areas are located on former Coastal Prairie habitat and have been managed for a minimum of 30 years as inundated croplands that have developed wetland characteristics through flooding of the fields by farmers. Other cropland areas have been ditched and drained and are classified as prior converted croplands. Most of the unavoidable impacts to aquatic resources are located in Bottomland Hardwood Forest (BHF) areas that were normally encountered in association with drainage features and other water resources. Forested wetland areas were dominated by a mix of *Quercus spp.* (oak), *Liquidambar styraciflua* (sweet gum), *Celtis laevigata* (hackberry), *Ulmus americana* (American elm), *Pinus taeda* (loblolly pine) and *Taxodium distichum* (bald cypress).

Approximately 21 percent of the AOI was mapped as containing hydric soils. Hydric soils most commonly associated with identified wetlands within the AOI were mapped as Frost Silt Loam (FrA), Kinder-Vidrine Silt Loam (KvA), Basile (BSA) and Mowata silt loam (MtA).

Crosstex evaluates the possibility for avoidance anytime a new site project is being proposed. The CS II project location was selected to meet service area needs but also because the proposed new line would be placed within an existing ROW and adjacent to other pipelines. In addition to considering an existing ROW for the installation of the new pipeline, Crosstex is also proposing additional mitigation techniques.

When avoidance is not an option, Crosstex will minimize the work space required in jurisdictional areas. The typical ROW work space required for Crosstex is 75 feet, but to minimize impacts within wetland areas, Crosstex will utilize a 60-foot ROW for the installation of the pipeline. Crosstex will also use HDD instead of open trenching to minimize areas of impact within specific wetland areas. Indirect and temporary construction impacts to the remaining wetland areas will be minimized with the implementation of approved best management practices.

Crosstex Energy

Cajun Sibon Phase II – Eunice to Parc Perdue Pipeline Project

Compensation for unavoidable wetland impacts will be accomplished by purchasing “in-kind” MVN MCM credits from one of the approved mitigation bank sponsors located in the primary and secondary service areas of the Mermentau River (HUC-08080201 & HUC-08080202) and Vermilion River (HUC-08080103).