



# *St. James Parish Government*

P. O. Box 106  
Convent, Louisiana 70723-0106  
(225) 562-2260  
FAX (225) 562-2279  
TDD: (225) 562-8500

**Peter A. Dufresne**  
Parish President

To: Coastal Zone Advisory Board

Date: July 25, 2025

Re: Meeting Notice

The St. James Parish Coastal Zone Advisory Board will host a regular scheduled meeting on **Monday, July 28, 2025 at 5:00 p.m.**, inside the **Convent Courthouse Council Chambers** (5800 LA Highway 44, Convent, LA 70723). Enclosed for your review are the minutes of the previous regular meeting, and a copy of the tentative agenda.

If you have any questions, please feel free to contact me at (225)562-2426 or (225)264-3709.

Sincerely,

*Marrill McKarry*

**Marrill McKarry**  
Coastal Zone/Floodplain Manager  
St. James Parish Operation's Department

---

**Richard Webre**  
Director of  
Operations

**Felix Boughton**  
Director of  
Finance

**Ingrid Bergeron-LeBlanc**  
Director of  
Human Resources

**Eric Deroche**  
Director of  
Emergency Preparedness

---

**ST. JAMES PARISH COASTAL ZONE MANAGEMENT  
 CONVENT COURTHOUSE COUNCIL CHAMBERS  
 5800 HIGHWAY 44, CONVENT, LA 70723  
 REGULAR MEETING AGENDA  
 MONDAY, JULY 28, 2025 - 5:00 p.m.**

**I. CALL TO ORDER**

**II. ROLL CALL**

**III. MINUTES OF PREVIOUS MEETINGS**

1. Monday, June 30, 2025 Regular Meeting Minutes

**IV. CORRESPONDENCE**

1. None

**V. PRESENTATION AND PUBLIC COMMENTS**

1. Presentation – None
2. Public Comments - (on agenda items)

**VI. OLD BUSINESS**

1. **American Barge Line P20250376-** Proposing to apply Asphalt Over existing levee ramp.
2. **Air Liquid Large Industries U.S., LP P20250380 (GC LAR)-**Air Liquide proposing to construct two liquid argon bullet tanks onsite at their existing facility. This consists of two 300 cubic meter cryogenic storage tanks constructed on existing operations yard adjacent to previously installed storage tanks.
3. **Mosaic Fertilizer, LLC P20250357 -** proposing to expand the gypsum stack (Stack No. 5) through a lateral extension to the existing Gypsum Management Area at the Uncle Sam Plant, St. James Parish, Louisiana. Current operations at this plant include the production of phosphoric acid and sulfuric acid. Mosaic desires to construct Stack No. 5, which will be located on Mosaic property that has historically been used for agricultural purposes, between the existing Stack 4 and Highway 3214.
4. **St. James Parish Government P20250402-** Proposing to improve drainage infrastructure for the community of South Vacherie starting on Victor Road following down South Rosary Street, crossing over Highways 643 and 644 and ending on Rosary Lane. The project proposes the improvement of existing drainage in the area by removing and replacing the existing culverts and catch basins. The existing drainage ditch along Victor Road will be widened to approximately 11'x 4'x286'.

**VII. NEW BUSINESS**

1. **Mosaic Fertilizer, LLC- (MOSfaust-Ship Dock Ditch Liner for RCB3-D) P20250509-**Mosaic Faustina needs to mitigate spills coming from their existing RBC-3 Conveyor bridge over River Road (Hwy 18). Currently, temporary plastic sheeting is in place for containment. The goal is to provide permanent containment to prevent spills from entering the roadside ditches. In addition to the containment, the concrete levee revetment needs to be modified to improve maintenance access. Included with the revetment will be curbing and culverts on the levee side, and a similar system will be provided on the plant side. Design will ensure that no roadway hazard will be created along Hwy 18.
2. **Mosaic Fertilizer, LLC- (SRF Containment Ditch Refurbishment) P20250562-** The project is looking to install temporary well points, with the objective of keeping the area dry to make concrete repairs to the adjacent trench. The well point depth will be 5'-0".

**VIII. STATE CONCERNS**

All state applications can be viewed through OCM PermitTRAK Database link below:

[https://sonlite.dnr.state.la.us/ords/apex/r/coast\\_man/office-of-coastal-management-permittrak-system/home?session=116959262740985](https://sonlite.dnr.state.la.us/ords/apex/r/coast_man/office-of-coastal-management-permittrak-system/home?session=116959262740985)

Applicant	Project	Coastal Use Permit #
<b>Entergy Louisiana, LLC</b>	<p style="text-align: center;"><b>Project:</b> PROPOSED P0208 CIRCUIT D0815 POWERPOLE REPLACEMENT</p> <p><b>Project Description:</b> Proposed replacement of two (2) wooden electrical poles as part of Entergy's Louisiana resiliency improvements. Approx. 0.56 CY of native material will be temporarily displaced for the pole replacements.</p> <p><b>Final Determination:</b> CMD GP-14, Exempt</p> <p><b>Application Modification:</b> Updated note page of plats to indicate 2.47 acres of temporary impacts to herbaceous wetlands from proposed marsh buggy route and workspaces. No sensitive features have been added since the last distribution.</p>	<b>P20250216</b>
<b>St James Parish Government</b>	<p style="text-align: center;"><b>Project:</b> LA 3127 Widening</p> <p><b>Project Description:</b> Proposed improving roadway along LA 3127 beginning west of LA 20 and runs east past LA 3213 which involves widening the existing roadway by creating a four-lane highway with a median and replacing existing traffic lights with roundabouts. Existing drainage will be directed into catch basins and drainage pipes. Approx. 33,196 cy of concrete and 99,600 cy of asphalt fill required.</p> <p style="text-align: center;"><b>Preliminary Determination:</b> NDSI</p>	<b>P20250319</b>

	<p><b>Application Modification:</b> Revised Step 6b. Coordinates to match the vicinity map. Updated Step 10a. Excavation volume from 0 to 8,550 CY of native material placed on-site and Step 10b. Fill volume from 123,796 to 55,000 CY (concrete decreased from 33,196 to 2,090 CY, asphalt decreased from 99,600 to 12,815 CY, crushed stone/gravel increased from 0 to 8,545 CY, and hauled in topsoil/dirt increased from 0 to 23,000 CY). Illustrated location of existing drainage pipes and catch basins to be replaced and clarified the extent of forested clearing and grubbing in the plat package.</p> <p>Cross-sections updated to illustrate the extent of forested (tree) clearing. No sensitive features have been added since the last distribution.</p>	
<b>Air Products Blue Energy LLC</b>	<p><b>Project:</b> Louisiana Clean Energy Complex</p> <p><b>Project Description:</b> Proposed clean energy facility for production of low-carbon hydrogen and low-carbon ammonia with access to deep-water river and rail transportation networks, proposed 24-inch carbon dioxide pipeline (±40 miles), proposed 24-inch hydrogen pipeline (±2 miles) and proposed 4-inch natural gas pipeline (±19 miles) with pig launchers/receivers, cathodic protection and aboveground pipeline facilities, mainline valve sites, staging and laydown facilities; temporary and permanent access roads; proposed carbon sequestration site (South and North Maurepas Injection platforms) with up to ten (10) injection wells and up to six (6) monitoring wells including wellhead platforms, injection control platforms with fiber optic cables and six-inch distribution pipelines; and propwashing. Approximately 1,213,966 cubic yards of native material will be excavated and placed on site and approximately 1,020,741 cubic yards of non-native fill materials will be required during construction activities.</p> <p><b>Preliminary Determination:</b> Coastal Use Permit</p> <p><b>Application Modification:</b> Revised drawings to address OCM information requests. For specifics, see Information requests and responses uploaded into comments on 06/04/2025. AZ 07/02/2025</p>	<b>P20240033</b>
<b>Williams Transcontinental Gas Pipeline Co</b>	<p><b>Project:</b> SELA A Pipeline Anomaly Repair 4700</p> <p><b>Project Description:</b> Proposed anomaly repair no. 4700 on the existing SELA A Pipeline. Approx. 370 cy of native material will be excavated, stockpiled, and used as backfill upon completion of project. An 18' x 2,849' temporary boardmat road is required for access.</p> <p><b>Preliminary Determination:</b> Coastal Use Permit</p> <p><b>Application Modification:</b> Revised drawings to address OCM information requests. For specifics, see Information requests and responses uploaded into comments on 06/04/2025. AZ 07/02/2025</p> <p>Amendment request due to relocation of dig site approx. 170' south of permitted site. Temporary sheet piling will be installed in the canal. Step 10a and b updated to 768 cy (was 370 cy) of excavation and 2,003 cy (was 1,949 cy) of fill. Step 11a. reduced to 0.99 acres (from 1.26 acres). Pages four (4) and five (5) of plat package revised to show new location and placement of anomaly repair, cross-section revised, and page seven (7) of plat package revised to illustrate reduction of board mat road. No sensitive features have been added since the last distribution.</p>	<b>P20250075</b>
<b>Sentinel Midstream Operating LLC</b>	<p><b>Project:</b> Sentinel Midstream North Line Stoppel Repair</p> <p><b>Project Description:</b> Proposed project to temporarily excavate the Sentinel Midstream 16in North Line to repair a stopple fitting. A 10ft by 20ft shoring box will be used. Excavated material (60 cy) will be used to create a temporary levee and the remainder stockpiled adjacent to the worksite. Project area to be restored to pre-project elevations upon conclusion of the repairs. All access and equipment parking will be via an existing roadway and previously filled areas.</p> <p><b>Preliminary Determination:</b> CMD GP-6</p> <p><b>Application Modification:</b> plat revisions received per RFI 7/15/2025 requests. dimensions added and oversall work are reduced. Nochnages to spec. features.</p>	<b>P20250507</b>
<b>Occidental Chemical Company</b>	<p><b>Project:</b> South Vacherie Release Site</p> <p><b>Project Description:</b> Conduct an environmental site investigation on converted cropland. Work includes soil sample borings and converting one location to a temporary monitoring well. Approx. 0.09 cy will be excavated and hauled offsite. Approx. 0.03 cy of sand and 0.06 cy of bentonite/grout fill will be required.</p> <p><b>Preliminary Determination:</b> NDSI</p> <p><b>Application Modification:</b> NDSI notes added to the plats (page 8). No changes to project or sensitive features since distribution on 07/08/2025.</p>	<b>P20250460</b>
Martha Adams	<p><b>Project:</b> 2125-Adams</p> <p><b>Project Description:</b> Residential demolition and reconstruction of a single-family home through the Restore Louisiana Program due to storm damages.</p> <p><b>Final Determination:</b> Exempt, Request For Determination</p> <p><b>Application Modification:</b> N/A</p>	<b>P20250544</b>

**IX. ADMINISTRATION REPORT:**

1. 2025 Ethics Reminder

**X. BOARD MEMBERS REPORT**

- District 1 - Mr. Calcagno:
- District 2 - Mr. Vicknair:
- District 3 - Mr. Lambert:
- District 4 - Mr. Boudreaux:
- District 5 - Mr. Octave:
- District 6 - Mr. Joseph:
- District 7 - Mr. Becnel:
- President Appointee - Mr. Chenier:

**XI. ADJOURNMENT**

**PROCEEDING OF THE COASTAL ZONE MANAGEMENT ADVISORY COMMISSION, PARISH OF ST. JAMES, STATE OF LOUISIANA, TAKEN AT A REGULAR MEETING AT THE ST. JAMES PARISH VACHERIE COURTHOUSE ANNEX COUNCIL CHAMBERS ON MONDAY, JUNE 30, 2025.**

The Coastal Zone Management Advisory Commission (CZMAC) of the Parish of St. James, State of Louisiana, met in a regular session on Monday, June 30, 2025 at 5:00 p.m.

**PRESENT:** Craig Calcagno Jr., Isaac Lambert, Anthony Boudreaux, Kalon Octave, Wayne Becnel, Elton Chenier and Levar Joseph

**ABSEENT:** Carl Vicknair

**ALSO, IN ATTENDANCE:** Marrill Mckarry and Richard Webre

**MINUTES:** Motioned by Elton Chenier and seconded by Wayne Becnel to approve the regular meeting minutes of Monday, May 19, 2025 as presented. Roll Call: Craig Calcagno- yes, Carl Vicknair- absent, Isaac Lambert- yes, Anthony Boudreaux- yes, Kalon Octave- yes, Wayne Becnel- yes, Elton Chenier-yes, Levar Joseph- yes All in favor. Motion Carried. (7-yes, 0-No, 1-Absent)

**CORRESPONDENCE:** None

**PRESENTATION AND PUBLIC COMMENTS:**

1. Presentation – None
2. Public Comments - (on agenda items)

**OLD BUSINESS:**

**Mosaic Fertilizer, LLC P20250325- Represented by Madison Bologna.** Proposing that the purpose of this project is to demolish the existing Utilities Containment area, excavate the contaminated soil underneath, backfill the area, and replace the concrete containment area in kind. Motion by Kalon Octave to accept and approve pending all proper approval documentation from other agencies. Motion was second Wayne Becnel. Roll Call: Craig Calcagno- yes, Carl Vicknair- absent, Isaac Lambert- yes, Anthony Boudreaux- yes, Kalon Octave- yes, Wayne Becnel- yes, Elton Chenier-yes, Levar Joseph- yes All in favor. Motion Carried. (7-yes, 0-No, 1-Absent)

**NEW BUSINESS:**

**American Barge Line P20250376-** Proposing to apply Asphalt Over existing levee ramp. Issac Lambert made a motion to table for lack of representation. Motion was second by Wayne Becnel. Roll Call: Craig Calcagno- yes, Carl Vicknair- absent, Isaac Lambert- yes, Anthony Boudreaux- yes, Kalon Octave- yes, Wayne Becnel- yes, Elton Chenier-yes, Levar Joseph- yes All in favor. Motion Carried. (7-yes, 0-No, 1-Absent)

**Air Liquid Large Industries U.S., LP P20250380 (GC LAR)-.** Represented by Patrick Colclough. Air Liquide proposes to construct two liquid argon bullet tanks onsite at their existing facility. This consists of two 300 cubic meter cryogenic storage tanks constructed on existing operating yards adjacent to previously installed storage tanks. Motion by Wayne Becnel to put out for public notice and was second by Kalon Octave. Roll Call: Craig Calcagno- yes, Carl Vicknair- absent, Isaac Lambert-yes, Anthony Boudreaux- yes, Kalon Octave- yes, Wayne Becnel- yes, Elton Chenier-yes, Levar Joseph- yes All in favor. Motion Carried. (7-yes, 0-No, 1-Absent)

**Mosaic Fertilizer, LLC P20250357 -** Represented by Lane Micheal. Proposing to expand the gypsum stack (Stack No. 5) through a lateral extension to the existing Gypsum Management Area at the Uncle Sam Plant, St. James Parish, Louisiana. Current operations at this plant include the production of phosphoric acid and sulfuric acid. Mosaic desires to construct Stack No. 5, which will be located on Mosaic property that has historically been used for agricultural purposes, between the existing Stack 4 and Highway 3214. Motion by Wayne Becnel to put out for public notice and was second by Kalon Octave. Roll Call: Craig Calcagno- yes, Carl Vicknair- absent, Isaac Lambert- yes, Anthony Boudreaux- yes, Kalon Octave- yes, Wayne Becnel-yes, Elton Chenier-yes, Levar Joseph- yes All in favor. Motion Carried. (7-yes, 0-No, 1-Absent) A second motion was made by Wayne Becnel to put out message to OCM about Landuse Plan and was second by Kalon Octave. Roll Call: Craig Calcagno- yes, Carl Vicknair- absent, Isaac Lambert- yes, Anthony Boudreaux- yes, Kalon Octave- yes, Wayne Becnel- yes, Elton Chenier-yes, Levar Joseph- yes All in favor. Motion Carried. (7-yes, 0-No, 1-Absent)

**St. James Parish Government P20250402-** Represented by Dennis Hymel and Richard Webre. Proposing to improve drainage infrastructure for the community of South Vacherie starting on Victor Road following down South Rosary Street, crossing over Highways 643 and 644 and ending on Rosary Lane. The project proposes the improvement of existing drainage in the area by removing and replacing the existing culverts and catch basins. The existing drainage ditch along Victor Road will be widened to approximately 11'x 4'x286'. Motion by Wayne Becnel to put out for public notice and was second by Kalon Octave. Roll Call: Craig Calcagno- yes, Carl Vicknair- absent, Isaac Lambert- yes, Anthony Boudreaux- yes, Kalon Octave-yes, Wayne Becnel- yes, Elton Chenier-yes, Levar Joseph- yes All in favor. Motion Carried. (7-yes, 0-No, 1-Absent)

**STATE CONCERNS:**

All state applications can be viewed through OCM PermitTRAK Database link below:

[https://sonlite.dnr.state.la.us/ords/apex/r/coast\\_man/office-of-coastal-management-permittrak-system/home?session=116959262740985](https://sonlite.dnr.state.la.us/ords/apex/r/coast_man/office-of-coastal-management-permittrak-system/home?session=116959262740985)

Applicant	Project	Coastal Use Permit #
American commercial Barge Line	<p align="center"><b>Project: Proposed New Midstream Ship Berth</b></p> <p><b>Project Description:</b> Installation of a new midstream ship berth. Five anchor piles with chains and buoys will be installed to moor the ship in the berth. No excavation or fill required.</p> <p align="center"><b>Preliminary Determination: NDSI</b></p>	P20250387



	<b>Application Modification:</b> Step 2 edited. A response was provided to explain how the barge fleet will be reduced to 5-wide and spar barges prior to, and during ship berthing (see response in step 13). No changes to sensitive features since last distribution on 05/30/2025.N/A	
<b>No Comments were made.</b>		
<b>St John the Baptist Parish</b>	<p><b>Project:</b> St. John the Baptist Parish West Bank Drainage Canal Clearing &amp; Snagging</p> <p><b>Project Description:</b> Cross the west bank of St. John the Baptist Parish that impede the flow of storm water in the drainage canals. All trees, vegetation and debris will be hauled off site and properly disposed of in approved/permitted non-wetland sites. All equipment used for clearing and snagging activities will be located within each respective canal section and will cause no damage to canal bottoms and canal side slopes. Canals will not be widened or re-sloped.</p> <p><b>Preliminary Determination:</b> CMP GP -13</p> <p><b>Application Modification:</b> The loading site and/or POE/POB coordinates corrected for the Columbia, Gasson, Golden Star, Guss Road, and W 4th canals (Gasson and Golden Star figures updated). Willow bend canal was removed. Brazan, Company, Golden Star, and Lassene canal loading sites were relocated or removed. Steps 5 and 8 of the application were updated to specify only fallen trees would be removed. No changes to sensitive features since distribution on 03/28/2025.</p>	<b>P20250090</b>
<b>No Comments were made.</b>		
<b>Boardwalk Ethane Pipeline Company, LLC</b>	<p><b>Project:</b> PN 16563 BEP-713 Test Stations</p> <p><b>Project Description:</b> Proposal to install two test stations on the existing BEP-713 pipeline to monitor cathodic protection and foreign pipeline interference. Each test station installation will require a 4-ft long by 4-ft wide by 5-ft deep excavation to access the pipeline to allow for test station installation. Approx. 6 cy of spoil will be temporarily side cast and used as backfill immediately upon project completion and all project areas will be returned to pre-project contours to the greatest extent practicable. Access to each test station is via existing facility roads and existing maintained right-of-way.</p> <p><b>Preliminary Determination:</b> CMD GP-6</p> <p><b>Application Modification:</b> Applicant updated plats to include separate lengths for access routes (wetlands and roadway) to Test Station 1; no other changes made to scope of project since last distribution on 5/8/25.</p>	<b>P20250264</b>
<b>No Comments were made.</b>		
<b>Marathon Petroleum Company</b>	<p><b>Project:</b> DIR Garyville</p> <p><b>Project Description:</b> Proposed pipeline maintenance excavations at 4 locations within an existing utility corridor. Approx. 111 cy of excavation and 2 cy of crushed stone/gravel fill required.</p> <p><b>Preliminary Determination:</b> Coastal Use Permit</p> <p><b>Application Modification:</b> Updated drawings per RFI uploaded to Step 13 of application. Updates include detailed work site layout plans on Sheets 3 &amp; 7 and board mat cross-sections on Sheets 4 &amp; 8. WDP feature added to GIS report. Project footprint remains the same since last distribution on 05/06/2025. (sr 6/10/25)</p>	<b>P20240808</b>
<b>No Comments were made.</b>		
<b>St. James Parish Government</b>	<p><b>Project:</b> Westshore Levee Connect</p> <p><b>Project Description:</b> Proposed installation of a levee system that includes the installation of earthen levees, three environmental water control (EWC) structures, and two pump stations. The EWC structures will be in the form of sluice gates as flood control measures to allow the levee to remain an open system until circumstances require closure according to the operational plan provided on the plats. Levee will be tied into high ground on either side of the project area. Approx. 137,688 cy of excavation required. Approx. 223,406 cy of dirt fill required.</p> <p><b>Preliminary Determination:</b> Coastal Use Permit</p> <p><b>Application Modification:</b> Figures 3.1 and 6.1 revised to show extent of work to existing road; figure 6.0 revised to show extent of existing ditch in cross section A.</p>	<b>P20240772</b>
<b>No Comments were made.</b>		
<b>Entergy Louisiana, LLC</b>	<p><b>Project:</b> PROPOSED P0208 CIRCUIT D0815 POWERPOLE REPLACEMENT</p> <p><b>Project Description:</b> Proposed replacement of two (2) wooden electrical poles as part of Entergy's Louisiana resiliency improvements. Approx. 0.56 CY of native material will be temporarily displaced for the pole replacements.</p> <p><b>Preliminary Determination:</b> CMD GP-14</p> <p><b>Application Modification:</b> N/A</p>	<b>P20250334</b>
<b>No Comments were made.</b>		
<b>St James Parish Government</b>	<p><b>Project:</b> LA 3127 Widening</p> <p><b>Project Description:</b> Proposed improving roadway along LA 3127 beginning west of LA 20 and runs east past LA 3213 which involves widening the existing roadway by creating a four-lane highway with a median and replacing existing traffic lights with roundabouts. Existing drainage will be directed into catch basins and drainage pipes. Approx. 33,196 cy of concrete and 99,600 cy of asphalt fill required.</p> <p><b>Preliminary Determination:</b> NDSI</p> <p><b>Application Modification:</b> No changes to the application or plats. Preliminary determination changed to NDSI IX as the proposed areas of impact are within uplands. Field biologist comment confirms that emergent wetlands will not be impacted by the proposed activity.</p>	<b>P20250319</b>
<b>No Comments were made.</b>		

**ADMINISTRATION REPORT:** Advised all members to complete the 2025 Ethics Training Course if have not already completed.

**BOARD MEMBERS' REPORT:**

District 1 - Mr. Calcagno: No Comment

District 2 - Mr. Vicknair: Absent

District 3 - Mr. Lambert: No Comment

District 4 - Mr. Boudreaux: No Comment

District 5 - Mr. Octave: No Comments

District 6 - Mr. Joseph: No Comment

District 7 - Mr. Becnel: No Comment

President Appointee - Mr. Chenier: No Comment

**ADJOURNMENT:** Motioned by Kalon Octave and was seconded by Elton Chenier to adjourn. All in favor. Motion carried. Meeting was adjourned at 5:21p.m.

s/\_\_\_\_\_

LeVar Joseph, Chairman

DEPARTMENT OF ENERGY AND NATURAL RESOURCES

State/Local Concern Determinations

Application #: P20250387

Parish: SAINT JAMES

Date Completed: 06/04/2025

Louisiana Revised Statute 49:214 Types of Uses

A. No Local Program exists for the parish selected.

No Local Program

B. Uses of the Coastal Zone subject to the Coastal Use Permitting program shall be of two types:

(1) Uses of State Concern

- a. Any dredge or fill activities which intersects with more than one water body
- b. Projects involving use of state owned lands or water bottoms
- c. State publicly funded projects
- d. National interest projects
- e. Projects occurring in more than one parish
- f. All mineral activities
- g. All pipelines involved in mineral activities
- h. Energy facilities siting and development
- i. Uses of local concern which may significantly affect interests of regional, state, or national development

(2) Uses of Local Concern

- a. Privately funded projects which are not uses of state concern
- b. Publicly funded projects which are not uses of state concern
- c. Maintenance of uses of local concern
- d. Jetties or breakwaters
- e. Dredge or fill project not intersecting more than one water body
- f. Bulkheads
- g. Piers
- h. Camps and cattlewalks
- i. Maintenance dredging
- j. Private water control structures of less than \$15,000 in cost
- k. Uses of Cheniers, salt domes, or similar land forms

Comments:

[Empty rectangular box for comments]

Based on the above considerations, this Coastal Use Permit application has been determined to be a **State Concern**

Kyle F. Balkum, Administrator



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

**Application Number:** 34328

**Permit Number:** P20250387

**Date Received:** 06/03/2025

### Step 1 of 15 - Applicant Information

**Applicant Name:** American Commercial Barge Line

**Applicant Type:** INDUSTRY/OTHER

**Mailing Addr :** 6582 LA Hwy 44  
Convent, LA 70723

Leopold Bernard

**Contact Info:** (225) 494-8787

**Fax:** -

**Email:** leopold.bernard@bargeacbl.com

**Phone:**

### Step 2 of 15 - Agent Information

**Agent Name:**

**Mailing Addr:**

**Contact Info:** -

**Fax:** -

**Email:**

**Phone:**

### Step 3 of 15 - Permit Type

Coastal Use Permit (CUP)

Solicitation of Views (SOV)

Request for Determination (RFD)

### Step 4 of 15 - Pre-Application Activity

**a. Have you participated in a Pre-Application or Geological Review Meeting for the proposed project?**

No

Yes

Date meeting was held:

Attendees:

\_\_\_\_\_ (Individual or Company Rep)

\_\_\_\_\_ (OCM Representative)

\_\_\_\_\_ (COE Representative)

**b. Have you obtained an official wetland determination from the COE for the project site?**

No

Yes

**If Yes, Please upload a copy with your application.**

**JD Number:**

**c. Is this application a mitigation plan for another CUP?**

No

Yes

OCM Permit Number:

### Step 5 of 15 - Project Information





Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

**e. Site Direction**

**Step 7 of 15 - Adjacent Landowners** - See attached list

**Step 8 of 15 - Project Specifics**

- a. Project Name and/or Title:** Proposed New Midstream Ship Berth
- b. Project Type:** Non-Residential
- c. Jurisdiction:** State Concern
- d. Source of Funding:** **PRIVATE**

**e. What will be done for the proposed project?**

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Bridge/Road            | <input type="checkbox"/> Home Site/Driveway | <input type="checkbox"/> Pipeline/Flow Line          | <input checked="" type="checkbox"/> Rip Rap/Erosion Control |
| <input type="checkbox"/> Bulkhead/Fill          | <input type="checkbox"/> Levee Construction | <input type="checkbox"/> Plug/Abandon                | <input type="checkbox"/> Site Clearance                     |
| <input type="checkbox"/> Drainage Improvements  | <input type="checkbox"/> Dredging           | <input type="checkbox"/> Production Barge/Structure  | <input type="checkbox"/> Subdivision                        |
| <input type="checkbox"/> Drill Barge/ Structure | <input type="checkbox"/> Prop Washing       | <input type="checkbox"/> Vegetative Plantings        | <input type="checkbox"/> Wharf/Pier/Boathouse               |
| <input type="checkbox"/> Drill Site             | <input checked="" type="checkbox"/> Pilings | <input type="checkbox"/> Remove Structures           |   |
| <input type="checkbox"/> Fill                   | <input type="checkbox"/> Marina             | <input type="checkbox"/> Major Industrial/Commercial |   |
| <input type="checkbox"/> Other:                 |   |  |   |

**f. Why is the proposed project needed?**

The proposed project is needed to add additional berthing for incoming ships and to increase the efficiency of moving





## Joint Permit Application For Work Within the Louisiana Coastal Zone



commodities in the river near this location.

### Step 9 of 15 - Project Status

a. Proposed start date: 09/15/2026                      Proposed completion date: 10/31/2026

b. Is any of the project work in progress?

No                       Yes

c. Is any of the project work completed?

No                       Yes

### Step 10 of 15 - Structures, Materials, and Methods for the Pr

a. Excavations

0 Cubic Yards                      0 Acres

b. Fill Areas

0 Cubic Yards                      0 Acres

c. Fill Materials

- |   |             |   |             |
|---|-------------|---|-------------|
| <input type="checkbox"/> Concrete:                        | Cubic Yards | <input type="checkbox"/> Rock:                      | Cubic Yards |
| <input type="checkbox"/> Crushed Stone<br>or Gravel:      | Cubic Yards | <input type="checkbox"/> Sand:                      | Cubic Yards |
| <input type="checkbox"/> Excavated and<br>Placed onsite : | Cubic Yards | <input type="checkbox"/> Hauled in<br>Topsoil/Dirt: | Cubic Yards |
| <input type="checkbox"/> Excavated and<br>hauled offsite: | Cubic Yards |   |             |
| <input type="checkbox"/> Other:                           | Cubic Yards |   |             |

d. What equipment will be used for the proposed project?

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Airboat                                  | <input type="checkbox"/> Bulldozer/Grader        | <input type="checkbox"/> Marsh Buggy                       |
| <input type="checkbox"/> Backhoe                                  | <input type="checkbox"/> Dragline/Excavator      | <input type="checkbox"/> Other Tracked or Wheeled Vehicles |
| <input type="checkbox"/> Barge Mounted Bucket Dredge              | <input type="checkbox"/> Handjet                 | <input type="checkbox"/> Self Propelled Pipe Laying Barge  |
| <input type="checkbox"/> Barge Mounted Drilling Rig               | <input type="checkbox"/> Land Based Drilling Rig | <input checked="" type="checkbox"/> Tugboat                |
| <input checked="" type="checkbox"/> Other:    Barge-Mounted Crane |  |  |



# Joint Permit Application For Work Within the Louisiana Coastal Zone



## Step 11 of 15 - Project Alternatives

a. Total acres of wetlands and/or waterbottoms filled and/or excavated.

0 acres

b. What alternative locations, methods, and access routes were considered to avoid impact to wetlands and/or waterbottoms?

No impacts will occur as a result of the proposed project.

c. What efforts were made to minimize impact to wetlands and/or waterbottoms?

Only piles needed to moor the ships safely are being proposed.

d. How are unavoidable impacts to vegetated wetlands to be mitigated?

No vegetated wetlands will be impacted as a result of this project.

## Step 12 of 15 - Permit Type and Owners

a. Are you applying for a Coastal Use Permit?

No  Yes

b. Are you the sole landowner / oyster lease holder?

No  Yes

The applicant is an owner of the property on which the proposed described activity is to occur.

The applicant has made reasonable effort to determine the identity and current address of the owner(s) of the land on which the proposed described activity is to occur, which included, a search of the public records of the parish in which the proposed activity is to occur.

The applicant hereby attests that a copy of the application has been distributed to the following landowners / oyster lease holders. See attached list.

c. Does the project involve drilling, production, and/or storage of oil and gas?

No  Yes **If yes, you must attach a list of all state and federal laws and rules and regulations dealing with spill prevention and containment.**

## Step 13 of 15 - Maps and Drawing Instructions

Note: OCM Compiled Plats consist of a complete and current set of plats that have been pieced together by OCM using only the most current portions of the plat files provided by the applicant/agent. All out-of-date plats have been excluded.



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

144924081.pdf

05/30/2025 11:11:34 AM

144924071.pdf

05/30/2025 11:10:40 AM

### Step 14 of 15 - Payment

The fee for this permit is: \$ 100.00

### Step 15 of 15 - Payment Processed

#### Applicant Information

**Applicant Name:** American Commercial Barge Line

**Address:** 6582 LA Hwy 44

Convent, LA 70723

To the best of my knowledge the proposed activity described in this permit application complies with, and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. If applicable, I also certify that the declarations in Step 12c, oil spill response, are complete and accurate.



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

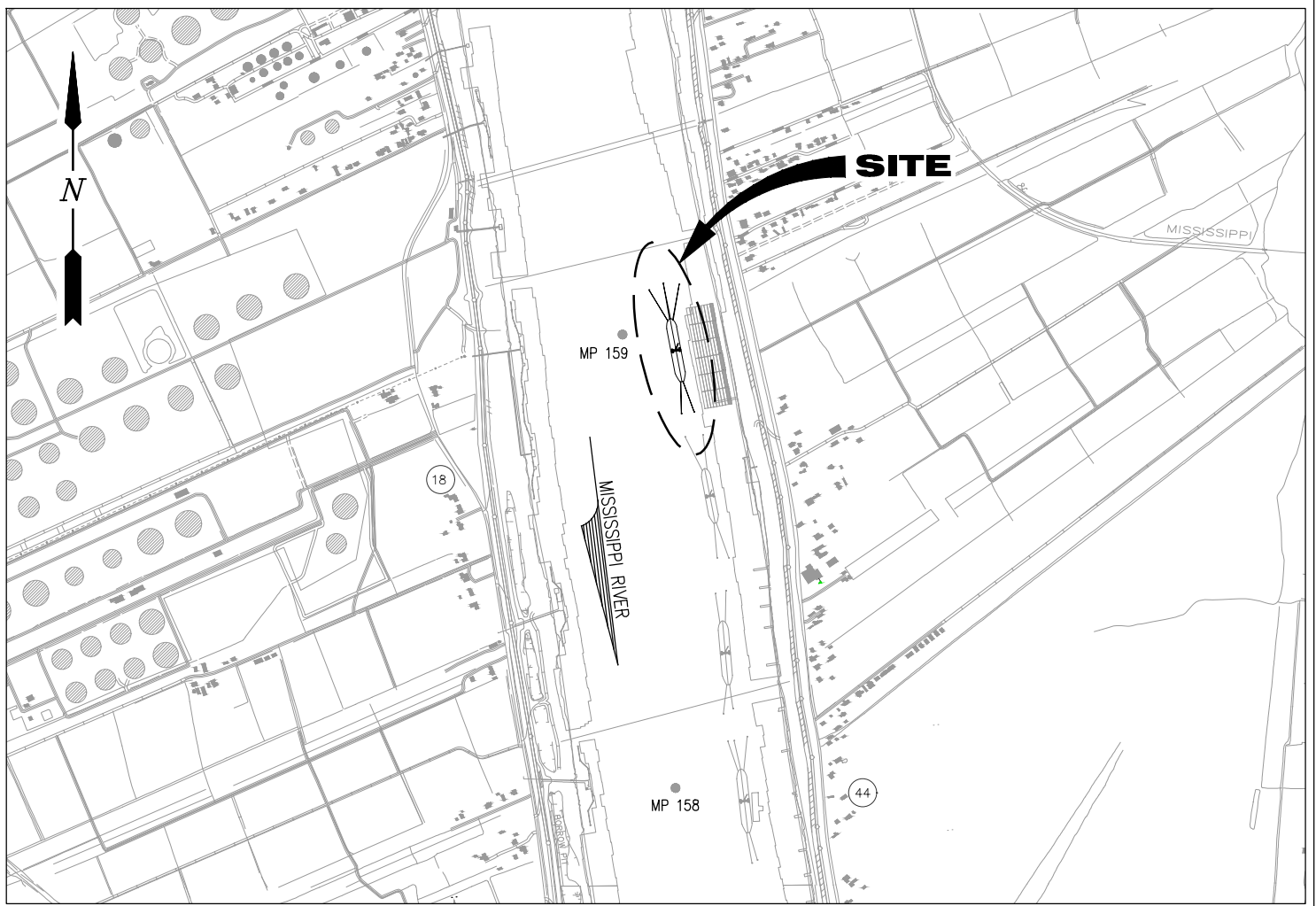
## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

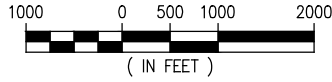
---

### Landowners List

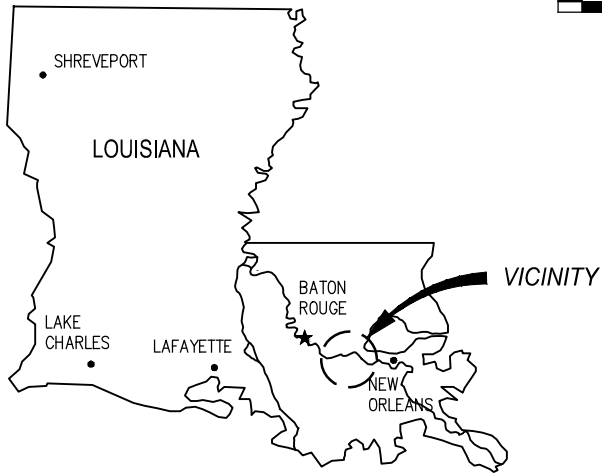


**VICINITY MAP**

SCALE: 1" = 2000'



ST. JAMES PARISH  
LAT. 30° 01' 04" N  
LONG. 90° 49' 56" W

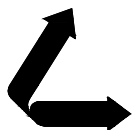


**AREA MAP**

JACOB P. MCWILLIAMS  
LA PE #46856

**PRELIMINARY - FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION**

REV  
A



**LANIER & ASSOCIATES**  
**CONSULTING ENGINEERS**  
INCORPORATED

LA: EF-1120 TX: F-2981  
NEW ORLEANS • BEAUMONT • CORPUS CHRISTI • HOUSTON

AMERICAN COMMERCIAL BARGE LINE  
CONVENT LOUISIANA

**PROPOSED NEW MIDSTREAM SHIP BERTH**  
**VICINITY MAP AND AREA MAP**

DATE	AUG. '23
DESIGN	JPM
DRAWN	ADG
CHECK	JDM
JOB NO	12392
SHEET No.	

1 OF 6

**NOTES**

1. NO IMPACTS TO RARE, THREATENED OR ENDANGERED SPECIES OR CRITICAL HABITATS ARE ANTICIPATED FROM THE PROPOSED PROJECT. NO STATE OR FEDERAL PARKS, WILDLIFE REFUGES, WILDLIFE MANAGEMENT AREAS OR SCENIC RIVERS ARE KNOWN AT THE SPECIFIED SITE OR WITHIN ¼ MILE OF THE PROPOSED PROJECT. THE WILDLIFE DIVERSITY PROGRAM (WDP) REPORTS SUMMARIZE THE EXISTING INFORMATION KNOWN AT THE TIME OF THE REQUEST REGARDING THE LOCATION IN QUESTION. WDP REPORTS SHOULD NOT BE CONSIDERED FINAL STATEMENTS ON THE BIOLOGICAL ELEMENTS OR AREAS BEING CONSIDERED, NOR SHOULD THEY BE SUBSTITUTED FOR ON-SITE SURVEYS REQUIRED FOR ENVIRONMENTAL ASSESSMENTS. IF AT ANY TIME WPD TRACKED SPECIES ARE ENCOUNTERED WITHIN THE PROJECT AREA, PLEASE CONTACT OUR BIOLOGIST AT 225-763-3554.
2. AS-BUILT DRAWINGS AND/OR PLATS SHALL HAVE WRITTEN ON THEM THE DATE OF COMPLETION OF SAID ACTIVITIES AND SHALL BE SUBMITTED TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, OFFICE OF COASTAL MANAGEMENT, P. O. BOX 44487, BATON ROUGE, LA 70804-4487 WITHIN 30 DAYS FOLLOWING PROJECT COMPLETION.
3. ALL STRUCTURES BUILT UNDER THE AUTHORIZATION AND CONDITIONS OF THIS PERMIT SHALL BE REMOVED FROM THE SITE WITHIN 120 DAYS OF ABANDONMENT OF THE FACILITIES FOR THE HEREIN PERMITTED USE, OR WHEN THESE STRUCTURES FALL INTO A STATE OF DISREPAIR SUCH THAT THEY CAN NO LONGER FUNCTION AS INTENDED. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED, FOR SUCH REMOVAL ACTIVITIES.
4. STRUCTURES MUST ALSO BE MARKED/LIGHTED IN ACCORDANCE WITH U. S. COAST GUARD REGULATIONS.
5. IN ORDER TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITTEE SHALL CONTACT THE LOUISIANA ONE CALL SYSTEM (1-800-272-3020) A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION (DIGGING, DREDGING, JETTING, ETC.) OR DEMOLITION ACTIVITY.
6. ALL ELEVATIONS REFER TO NAVD 88 UNLESS NOTED OTHERWISE.

JACOB P. MCWILLIAMS  
LA PE #46856

**PRELIMINARY - FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION**

REV  
A



**LANIER & ASSOCIATES**  
**CONSULTING ENGINEERS**

INCORPORATED

LA: EF-1120

TX: F-2981

NEW ORLEANS • BEAUMONT • CORPUS CHRISTI • HOUSTON

AMERICAN COMMERCIAL BARGE LINE  
CONVENT LOUISIANA

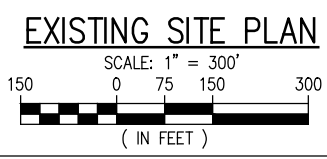
PROPOSED NEW MIDSTREAM SHIP BERTH  
NOTES

DATE	AUG. '23
DESIGN	JPM
DRAWN	ADG
CHECK	JDM
JOB NO	12392
SHEET No.	2 OF 6





MISSISSIPPI RIVER



ROMEVILLE REVETMENT

EXISTING MIDSTREAM SHIP BERTH

EXISTING BARGE FLEET AND SPAR BARGES (PREVIOUSLY PERMITTED UNDER MVN-1997-04590)

MWY 44

USACE LEVEE BASELINE

LWRP

EXISTING BARGE FLEET AND SPAR BARGES

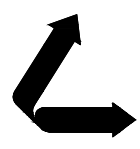
STA. 3598+18.2

STA. 3602+30.2

JACOB P. MCWILLIAMS  
LA PE #46856

PRELIMINARY - FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

REV  
A



**LANIER & ASSOCIATES**  
**CONSULTING ENGINEERS**  
 INCORPORATED

LA: EF-1120 TX: F-2981  
 NEW ORLEANS • BEAUMONT • CORPUS CHRISTI • HOUSTON

AMERICAN COMMERCIAL BARGE LINE  
 CONVENT LOUISIANA

PROPOSED NEW MIDSTREAM SHIP BERTH  
 EXISTING SITE PLAN

DATE AUG. '23  
 DESIGN JPM  
 DRAWN ADG  
 CHECK JDM  
 JOB NO 12392  
 SHEET No.  
**3 OF 6**



(3) PROPOSED NEW 48"Ø ANCHOR PILE, CHAIN & BUOY

MP 159

**BERTHING CONDITION:**  
BARGE FLEET TO BE REDUCED TO A MAXIMUM OF 5 WIDE PLUS SPAR BARGES, PRIOR TO AND DURING SHIP BERTHING

MWY 44

A  
5

EXISTING BARGE FLEET AND SPAR BARGES (PREVIOUSLY PERMITTED UNDER MVN-1997-04590)

PROPOSED NEW MIDSTREAM SHIP BERTH

(2) PROPOSED NEW 48"Ø ANCHOR PILE, CHAIN & BUOY

USACE LEVEE BASELINE

MISSISSIPPI RIVER

ROMEVILLE REVETMENT

LWRP

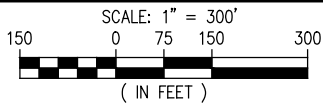
EXISTING BARGE FLEET AND SPAR BARGES

EXISTING MIDSTREAM SHIP BERTH

STA. 3598+18.2

STA. 3602+30.2

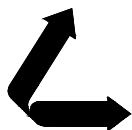
**PROPOSED NEW SITE PLAN**



JACOB P. MCWILLIAMS  
LA PE #46856

**PRELIMINARY - FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION**

REV  
A



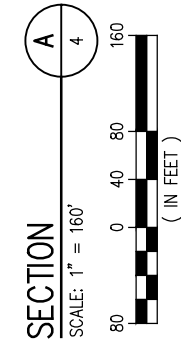
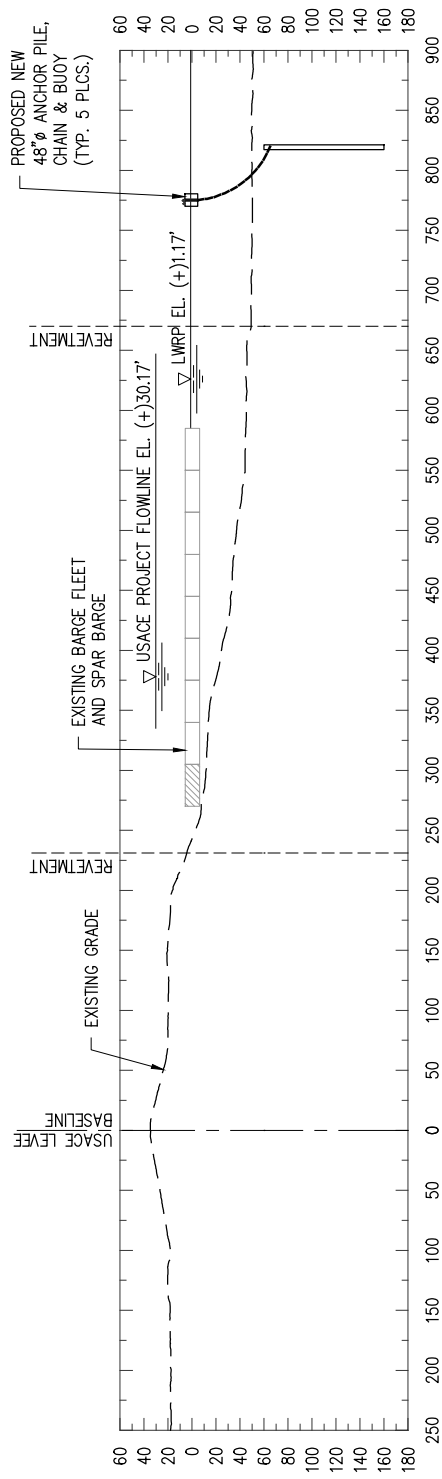
**LANIER & ASSOCIATES**  
**CONSULTING ENGINEERS**  
INCORPORATED

LA: EF-1120 TX: F-2981  
NEW ORLEANS • BEAUMONT • CORPUS CHRISTI • HOUSTON

AMERICAN COMMERCIAL BARGE LINE  
CONVENT LOUISIANA

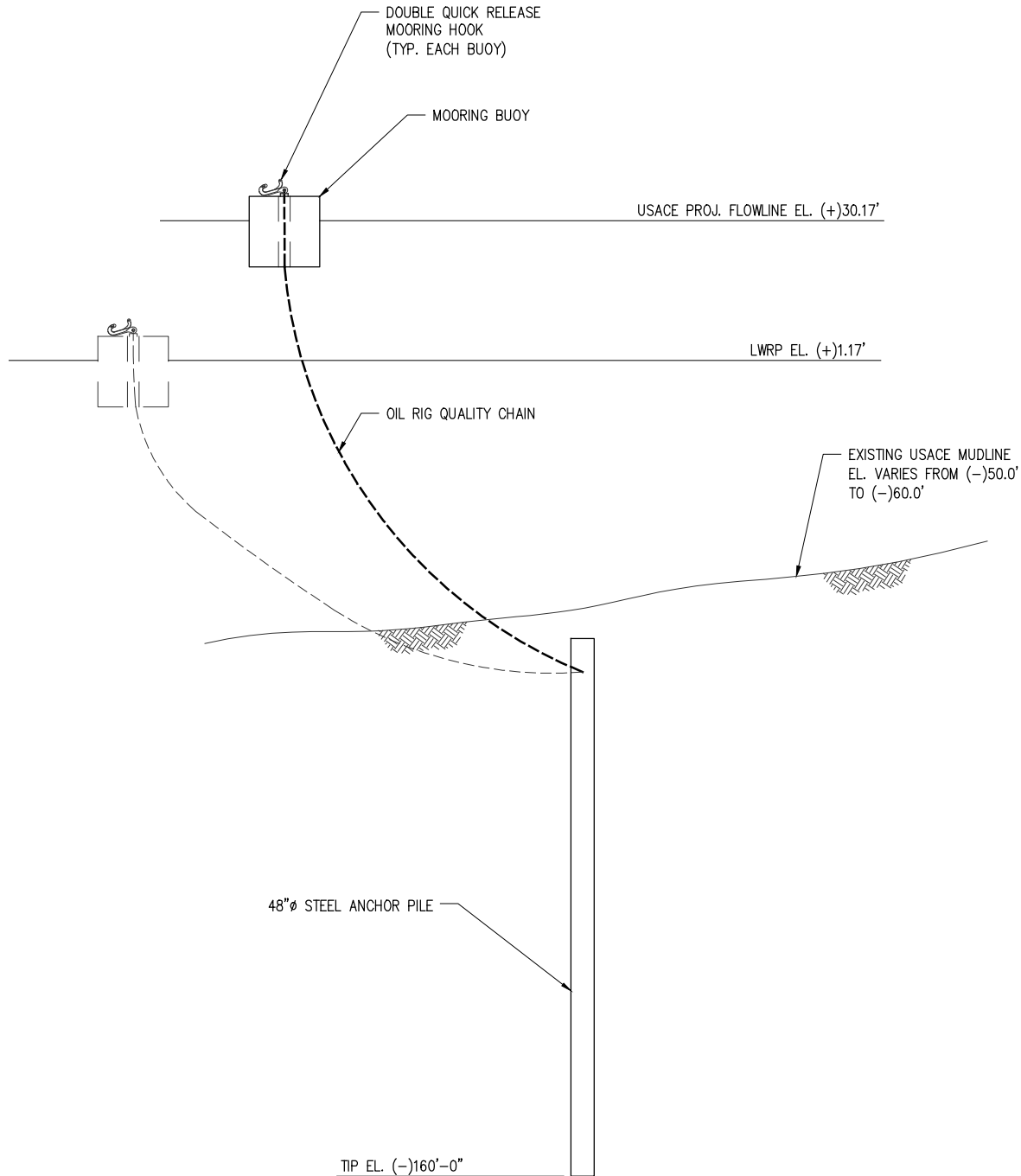
**PROPOSED NEW MIDSTREAM SHIP BERTH**  
**PROPOSED NEW SITE PLAN**

DATE AUG. '23  
DESIGN JPM  
DRAWN ADG  
CHECK JDM  
JOB NO 12392  
SHEET No.  
4 OF 6



- NOTES**
1. HYDROGRAPHIC SURVEY PERFORMED BY USACE IN 2022.
  2. TOPOGRAPHIC SURVEY DATA REFERENCES LIDAR DATA COLLECTED BY USACE IN 2016.
  3. HORIZONTAL DATUM REFERENCE TO NAD83 ZONE 1702 LOUISIANA SOUTH, FEET.
  4. ALL ELEVATIONS ARE EXPRESSED IN FEET AND TENTHS AND REFERENCED TO NAVD 88.

JACOB P. MCWILLIAMS LA PE #46856		<b>PRELIMINARY - FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION</b>		REV A
<p><b>LANIER &amp; ASSOCIATES</b>                  CONSULTING ENGINEERS                  INCORPORATED</p> LA: EF-1120 TX: F-2981 NEW ORLEANS • BEAUMONT • CORPUS CHRISTI • HOUSTON	AMERICAN COMMERCIAL BARGE LINE CONVENT LOUISIANA		DATE AUG. '23 DESIGN JPM DRAWN ADG CHECK JDM JOB NO 12392 SHEET No. <b>5 OF 6</b>	
	<b>PROPOSED NEW MIDSTREAM SHIP BERTH                  CROSS SECTION</b>			



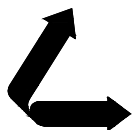
### BUOY ANCHOR PILE - DETAIL

SCALE: N.T.S.

JACOB P. MCWILLIAMS  
LA PE #46856

PRELIMINARY - FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

REV  
A



**LANIER & ASSOCIATES**  
**CONSULTING ENGINEERS**

INCORPORATED

LA: EF-1120

TX: F-2981

NEW ORLEANS • BEAUMONT • CORPUS CHRISTI • HOUSTON

AMERICAN COMMERCIAL BARGE LINE  
CONVENT LOUISIANA

PROPOSED NEW MIDSTREAM SHIP BERTH  
BUOY ANCHOR PILE - DETAIL

DATE AUG. '23  
DESIGN JPM  
DRAWN ADG  
CHECK JDM  
JOB NO 12392  
SHEET No.

6 OF 6

DEPARTMENT OF ENERGY AND NATURAL RESOURCES

State/Local Concern Determinations

Application #: P20250380

Parish: SAINT JAMES

Date Completed: 05/29/2025

Louisiana Revised Statute 49:214 Types of Uses

A. No Local Program exists for the parish selected.

No Local Program

B. Uses of the Coastal Zone subject to the Coastal Use Permitting program shall be of two types:

(1) Uses of State Concern

- a. Any dredge or fill activities which intersects with more than one water body
- b. Projects involving use of state owned lands or water bottoms
- c. State publicly funded projects
- d. National interest projects
- e. Projects occurring in more than one parish
- f. All mineral activities
- g. All pipelines involved in mineral activities
- h. Energy facilities siting and development
- i. Uses of local concern which may significantly affect interests of regional, state, or national development

(2) Uses of Local Concern

- a. Privately funded projects which are not uses of state concern
- b. Publicly funded projects which are not uses of state concern
- c. Maintenance of uses of local concern
- d. Jetties or breakwaters
- e. Dredge or fill project not intersecting more than one water body
- f. Bulkheads
- g. Piers
- h. Camps and cattlewalks
- i. Maintenance dredging
- j. Private water control structures of less than \$15,000 in cost
- k. Uses of Cheniers, salt domes, or similar land forms

Comments:

[Empty box for comments]

Based on the above considerations, this Coastal Use Permit application has been determined to be a **Local Concern**

Kyle F. Balkum, Administrator



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

**Application Number:** 34215

**Permit Number:** P20250380

**Date Received:** 05/29/2025

### Step 1 of 15 - Applicant Information

**Applicant Name:** Air Liquid Large Industries U.S., LP

**Applicant Type:** INDUSTRY/OIL AND GAS

**Mailing Addr :** 9811 Katy Freeway  
Suite 100  
Houston, TX 77024

**Contact Info:** Aswath Kalappa

**Phone:** -                      **Fax:** -                      **Email:** Aswath.kalappa@airliquide.com

### Step 2 of 15 - Agent Information

**Agent Name:** Geosyntec Consultants

**Mailing Addr:** 2600 CITIPLACE COURT  
500  
BATON ROUGE, LA 70808

**Contact Info:** Patrick Colclough

**Phone:** (225) 512-6789                      **Fax:** -                      **Email:** PATRICK.COLCLOUGH@GEOSYNTEC.COM

### Step 3 of 15 - Permit Type

Coastal Use Permit (CUP)                       Solicitation of Views (SOV)                       Request for Determination (RFD)

### Step 4 of 15 - Pre-Application Activity

**a. Have you participated in a Pre-Application or Geological Review Meeting for the proposed project?**

No                       Yes                      Date meeting was held:

Attendees:

\_\_\_\_\_ (Individual or Company Rep)

\_\_\_\_\_ (OCM Representative)

\_\_\_\_\_ (COE Representative)

**b. Have you obtained an official wetland determination from the COE for the project site?**

No                       Yes                      **If Yes, Please upload a copy with your application.**

**JD Number:**

**c. Is this application a mitigation plan for another CUP?**

No                       Yes                      OCM Permit Number:

### Step 5 of 15 - Project Information





Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

**a. Describe the project.**

Air Liquide proposes to construct two liquid argon bullet tanks onsite at their existing facility. This consists of two 300 cubic meter cryogenic storage tanks constructed on existing operations yard adjacent to previously installed storage tanks. The proposed location is within an existing facility footprint and above the five-foot sea-level contour.

**b. Is this application a change to an existing permit?**

No                       Yes                      OCM Permit Number:

**c. Have you previously applied for a permit or emergency authorization for all or any part of the proposed project?**

No                       Yes

Agency	Contact	Permit Number	Decision Status	Decision Date
OCM				
COE				
Other				

**Step 6 of 15 - Project Location**

**a. Physical Location**

Street: 5891 Highway 18  
 City: St. James                      Parish: Saint James                      Zip: 70086

Water Body:

**b. Latitude and Longitude**

Latitude: 29      59      0.86      Longitude: 90      51      50.18

**c. Section, Township, and Range**

Section #: 16                      Township #: 12S                      Range #: 16E  
 Section #:                      Township #:                      Range #:

**d. Lot, Tract, Parcel, or Subdivision Name**

Lot #:                      Parcel #:  
 Tract #:                      Subdivision Name:



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

**e. Site Direction**

Start - Travel east on LA-3089 East (Marchand Dr) from Donaldsonville, LA for 2.3 miles. RIGHT on LA-70 West for 0.9 miles. LEFT on LA-3127 South for 9 miles. LEFT on Sidney Road to facility parking after 0.5 miles.

**Step 7 of 15 - Adjacent Landowners** - See attached list

**Step 8 of 15 - Project Specifics**

- a. **Project Name and/or Title:** GC LAR
- b. **Project Type:** Non-Residential
- c. **Jurisdiction:** State Concern
- d. **Source of Funding:** PRIVATE

**e. What will be done for the proposed project?**

- |   |   |   |  |
|---|---|---|--|
| <input type="checkbox"/> Bridge/Road            | <input type="checkbox"/> Home Site/Driveway | <input type="checkbox"/> Pipeline/Flow Line                     | <input type="checkbox"/> Rip Rap/Erosion Control |
| <input type="checkbox"/> Bulkhead/Fill          | <input type="checkbox"/> Levee Construction | <input type="checkbox"/> Plug/Abandon                           | <input type="checkbox"/> Site Clearance          |
| <input type="checkbox"/> Drainage Improvements  | <input type="checkbox"/> Dredging           | <input type="checkbox"/> Production Barge/Structure             | <input type="checkbox"/> Subdivision             |
| <input type="checkbox"/> Drill Barge/ Structure | <input type="checkbox"/> Prop Washing       | <input type="checkbox"/> Vegetative Plantings                   | <input type="checkbox"/> Wharf/Pier/Boathouse    |
| <input type="checkbox"/> Drill Site             | <input type="checkbox"/> Pilings            | <input type="checkbox"/> Remove Structures                      |  |
| <input type="checkbox"/> Fill                   | <input type="checkbox"/> Marina             | <input checked="" type="checkbox"/> Major Industrial/Commercial |  |
| <input type="checkbox"/> Other:                 |   |   |  |

**f. Why is the proposed project needed?**

This project is needed to increase storage capacity for Liquid Argon, which is supplied to Air Liquide's customers.

**Step 9 of 15 - Project Status**

a. **Proposed start date:** 02/01/2026                      **Proposed completion date:** 08/31/2026

**b. Is any of the project work in progress?**

- No                       Yes

**c. Is any of the project work completed?**

- No                       Yes

**Step 10 of 15 - Structures, Materials, and Methods for the Pr**

**a. Excavations**

600 Cubic Yards                      Acres



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

**Joint Permit Application  
For Work Within the Louisiana  
Coastal Zone**



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

**b. Fill Areas**

600 Cubic Yards

Acres

**c. Fill Materials**

- |   |                 |  |             |
|---|-----------------|--|-------------|
| <input type="checkbox"/> Concrete:                                | Cubic Yards     | <input type="checkbox"/> Rock:                   | Cubic Yards |
| <input type="checkbox"/> Crushed Stone or Gravel:                 | Cubic Yards     | <input type="checkbox"/> Sand:                   | Cubic Yards |
| <input checked="" type="checkbox"/> Excavated and Placed onsite : | 600 Cubic Yards | <input type="checkbox"/> Hauled in Topsoil/Dirt: | Cubic Yards |
| <input type="checkbox"/> Excavated and hauled offsite:            | Cubic Yards     |  |             |
| <input type="checkbox"/> Other:                                   |                 | Cubic Yards                                      |             |

**d. What equipment will be used for the proposed project?**

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Airboat                     | <input type="checkbox"/> Bulldozer/Grader        | <input type="checkbox"/> Marsh Buggy                                  |
| <input checked="" type="checkbox"/> Backhoe          | <input type="checkbox"/> Dragline/Excavator      | <input checked="" type="checkbox"/> Other Tracked or Wheeled Vehicles |
| <input type="checkbox"/> Barge Mounted Bucket Dredge | <input type="checkbox"/> Handjet                 | <input type="checkbox"/> Self Propelled Pipe Laying Barge             |
| <input type="checkbox"/> Barge Mounted Drilling Rig  | <input type="checkbox"/> Land Based Drilling Rig | <input type="checkbox"/> Tugboat                                      |
| <input type="checkbox"/> Other:                      |  |   |

**Step 11 of 15 - Project Alternatives**

**a. Total acres of wetlands and/or waterbottoms filled and/or excavated.**

acres

**b. What alternative locations, methods, and access routes were considered to avoid impact to wetlands and/or waterbottoms?**

**c. What efforts were made to minimize impact to wetlands and/or waterbottoms?**

**d. How are unavoidable impacts to vegetated wetlands to be mitigated?**

**Step 12 of 15 - Permit Type and Owners**

**a. Are you applying for a Coastal Use Permit?**

- No       Yes



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

**b. Are you the sole landowner / oyster lease holder?**

- No                       Yes
- The applicant is an owner of the property on which the proposed described activity is to occur.
- The applicant has made reasonable effort to determine the identity and current address of the owner(s) of the land on which the proposed described activity is to occur, which included, a search of the public records of the parish in which the proposed activity is to occur.
- The applicant hereby attests that a copy of the application has been distributed to the following landowners / oyster lease holders. See attached list.

**c. Does the project involve drilling, production, and/or storage of oil and gas?**

- No                       Yes      **If yes, you must attach a list of all state and federal laws and rules and regulations dealing with spill prevention and containment.**

**Step 13 of 15 - Maps and Drawing Instructions**

Note: OCM Compiled Plats consist of a complete and current set of plats that have been pieced together by OCM using only the most current portions of the plat files provided by the applicant/agent. All out-of-date plats have been excluded.

P20250380\_CompiledPlats.pdf

05/29/2025 09:09:27 AM

**Step 14 of 15 - Payment**

The fee for this permit is: \$ 100.00

**Step 15 of 15 - Payment Processed**

**Applicant Information**

**Applicant Name:** Air Liquid Large Industries U.S., LP  
**Address:** 9811 Katy Freeway  
Suite 100  
Houston, TX 77024

To the best of my knowledge the proposed activity described in this permit application complies with, and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. If applicable, I also certify that the declarations in Step 12c, oil spill response, are complete and accurate.



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone

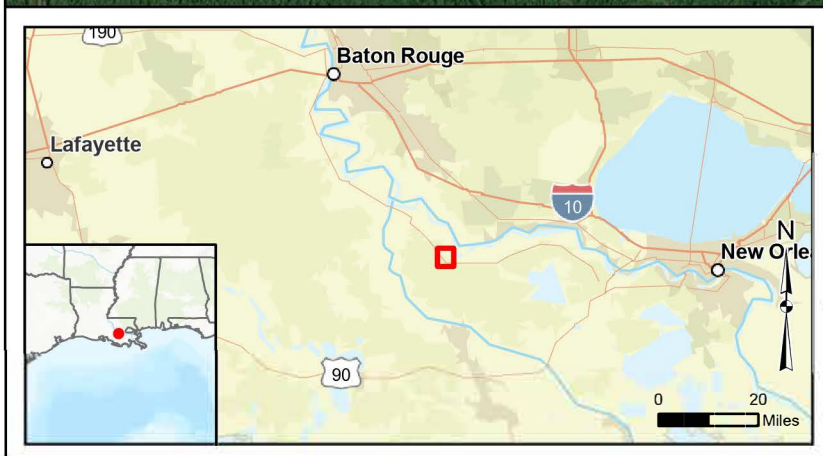


U.S. Army Corps of Engineers  
(COE)  
New Orleans District

---

### Landowners List






<p><b>Site Location Map</b></p> <p>Air Liquide Large Industries U.S., LP GC LAR St. James, Louisiana</p>		<p><b>Figure</b></p> <p><b>1</b></p>
<p><b>Geosyntec</b><sup>®</sup> consultants</p>		
GXE1166	May 2025	





**Legend**

 Approximate Installation Area



**Project Component Overview**

Air Liquide Large Industries U.S., LP  
GC LAR  
St. James, Louisiana

**Geosyntec**  
consultants

**Figure**

**2**

GXE11166

May 2025

DEPARTMENT OF ENERGY AND NATURAL RESOURCES

State/Local Concern Determinations

Application #: P20250357

Parish: SAINT JAMES

Date Completed: 05/21/2025

Louisiana Revised Statute 49:214 Types of Uses

A. No Local Program exists for the parish selected.

No Local Program

B. Uses of the Coastal Zone subject to the Coastal Use Permitting program shall be of two types:

(1) Uses of State Concern

- a. Any dredge or fill activities which intersects with more than one water body
- b. Projects involving use of state owned lands or water bottoms
- c. State publicly funded projects
- d. National interest projects
- e. Projects occurring in more than one parish
- f. All mineral activities
- g. All pipelines involved in mineral activities
- h. Energy facilities siting and development
- i. Uses of local concern which may significantly affect interests of regional, state, or national development

(2) Uses of Local Concern

- a. Privately funded projects which are not uses of state concern
- b. Publicly funded projects which are not uses of state concern
- c. Maintenance of uses of local concern
- d. Jetties or breakwaters
- e. Dredge or fill project not intersecting more than one water body
- f. Bulkheads
- g. Piers
- h. Camps and cattlewalks
- i. Maintenance dredging
- j. Private water control structures of less than \$15,000 in cost
- k. Uses of Cheniers, salt domes, or similar land forms

Comments:

[Empty box for comments]

Based on the above considerations, this Coastal Use Permit application has been determined to be a **Local Concern**

Kyle F. Balkum, Administrator



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

**Application Number:** 34276

**Permit Number:** P20250357

**Date Received:** 05/20/2025

### Step 1 of 15 - Applicant Information

**Applicant Name:** Mosaic Fertilizer, LLC **Applicant Type:** INDUSTRY/OTHER  
**Mailing Addr :** 13830 Circa Crossing Drive  
 Lithia, FL 33547  
 Ryan Brunet  
**Contact Info:** (225) 474-4178 **Fax:** - **Email:** ryan.brunet@mosaicco.com  
**Phone:**

### Step 2 of 15 - Agent Information

**Agent Name:** GHD  
**Mailing Addr:** 11451 KATY FREEWAY, SUITE 400  
 HOUSTON, TX 77079  
 Michael Lane  
**Contact Info:** (713) 275-3830 **Fax:** - **Email:** MICHAEL.LANE@GHD.COM  
**Phone:**

### Step 3 of 15 - Permit Type

Coastal Use Permit (CUP)  Solicitation of Views (SOV)  Request for Determination (RFD)

### Step 4 of 15 - Pre-Application Activity

**a. Have you participated in a Pre-Application or Geological Review Meeting for the proposed project?**

No  Yes Date meeting was held: 11/27/2024

Attendees: Ryan Brunet (Mosaic) Neil Gauthier  
 (Individual or Company Rep) (OCM Representative) (COE Representative)

**b. Have you obtained an official wetland determination from the COE for the project site?**

No  Yes **If Yes, Please upload a copy with your application.**  
**JD Number: MVN-2014-00581-3**

**c. Is this application a mitigation plan for another CUP?**

No  Yes OCM Permit Number:

### Step 5 of 15 - Project Information





Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

**a. Describe the project.**

Mosaic Fertilizer, LLC (Mosaic) proposes to expand the gypsum stack (Stack No. 5) through a lateral extension to the existing Gypsum Management Area at the Uncle Sam Plant, St. James Parish, Louisiana. Current operations at this plant include the production of phosphoric acid and sulfuric acid. Mosaic desires to construct Stack No. 5, which will be located on Mosaic property that has historically been used for agricultural purposes, between the existing Stack 4 and Highway 3214.

**b. Is this application a change to an existing permit?**

No                       Yes                      OCM Permit Number:

**c. Have you previously applied for a permit or emergency authoriation for all or any part of the proposed project?**

No                       Yes

Agency	Contact	Permit Number	Decision Status	Decision Date
OCM				
COE				
Other				

**Step 6 of 15 - Project Location**

**a. Physical Location**

Street: 7250 Highway 44, Uncle Sam, LA 70792  
 City: Convent                      Parish: Saint James                      Zip: 70792  
 Water Body: N/A

**b. Latitude and Longitude**

Latitude: 30      3      15.6      Longitude: 90      49      21.2

**c. Section, Township, and Range**

Section #:                      Township #:                      Range #:  
 Section #:                      Township #:                      Range #:

**d. Lot, Tract, Parcel, or Subdivision Name**

Lot #:                      Parcel #:  
 Tract #:                      Subdivision Name:



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

**e. Site Direction**

START - From Baton Rouge, follow I-10 E to LA-22 W in Sorrento, take exit 182 from I-10 E. Take LA-70 W and LA-3125 - END.

**Step 7 of 15 - Adjacent Landowners** - See attached list

**Step 8 of 15 - Project Specifics**

- a. Project Name and/or Title:** Proposed Gypsum Management Area Expansion (Stack V)
- b. Project Type:** Non-Residential
- c. Jurisdiction:** State Concern
- d. Source of Funding:** **PRIVATE**

**e. What will be done for the proposed project?**

- |   |  |   |  |
|---|--|---|--|
| <input type="checkbox"/> Bridge/Road            | <input type="checkbox"/> Home Site/Driveway  | <input type="checkbox"/> Pipeline/Flow Line                     | <input type="checkbox"/> Rip Rap/Erosion Control |
| <input type="checkbox"/> Bulkhead/Fill          | <input type="checkbox"/> Levee Construction  | <input type="checkbox"/> Plug/Abandon                           | <input type="checkbox"/> Site Clearance          |
| <input type="checkbox"/> Drainage Improvements  | <input type="checkbox"/> Dredging  | <input type="checkbox"/> Production Barge/Structure             | <input type="checkbox"/> Subdivision             |
| <input type="checkbox"/> Drill Barge/ Structure | <input type="checkbox"/> Prop Washing  | <input type="checkbox"/> Vegetative Plantings                   | <input type="checkbox"/> Wharf/Pier/Boathouse    |
| <input type="checkbox"/> Drill Site             | <input type="checkbox"/> Pilings   | <input type="checkbox"/> Remove Structures                      |  |
| <input checked="" type="checkbox"/> Fill        | <input type="checkbox"/> Marina  | <input checked="" type="checkbox"/> Major Industrial/Commercial |  |
| <input checked="" type="checkbox"/> Other:      | Construction of gypsum stack with associated water management conveyances, and slurry wall |   |  |

**f. Why is the proposed project needed?**

The purpose of the project is to expand the current capacity of the existing Gypsum Management Area to extend the



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

overall life of the facility and meet production needs.

### Step 9 of 15 - Project Status

a. Proposed start date: 09/01/2025                      Proposed completion date: 02/29/2028

b. Is any of the project work in progress?

No                       Yes

c. Is any of the project work completed?

No                       Yes

### Step 10 of 15 - Structures, Materials, and Methods for the Pr

a. Excavations

750,000 Cubic Yards                      155 Acres

b. Fill Areas

750,000 Cubic Yards                      155 Acres

c. Fill Materials

- |  |                     |   |             |
|--|---------------------|---|-------------|
| <input type="checkbox"/> Concrete:                                   | Cubic Yards         | <input type="checkbox"/> Rock:                      | Cubic Yards |
| <input type="checkbox"/> Crushed Stone<br>or Gravel:                 | Cubic Yards         | <input type="checkbox"/> Sand:                      | Cubic Yards |
| <input checked="" type="checkbox"/> Excavated and<br>Placed onsite : | 750,000 Cubic Yards | <input type="checkbox"/> Hauled in<br>Topsoil/Dirt: | Cubic Yards |
| <input type="checkbox"/> Excavated and<br>hauled offsite:            | Cubic Yards         |   |             |
| <input type="checkbox"/> Other:                                      |                     | Cubic Yards   |             |

d. What equipment will be used for the proposed project?

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Airboat                     | <input checked="" type="checkbox"/> Bulldozer/Grader | <input type="checkbox"/> Marsh Buggy                                  |
| <input type="checkbox"/> Backhoe                     | <input type="checkbox"/> Dragline/Excavator          | <input checked="" type="checkbox"/> Other Tracked or Wheeled Vehicles |
| <input type="checkbox"/> Barge Mounted Bucket Dredge | <input type="checkbox"/> Handjet                     | <input type="checkbox"/> Self Propelled Pipe Laying Barge             |
| <input type="checkbox"/> Barge Mounted Drilling Rig  | <input type="checkbox"/> Land Based Drilling Rig     | <input type="checkbox"/> Tugboat                                      |
| <input type="checkbox"/> Other:                      |  |   |



# Joint Permit Application For Work Within the Louisiana Coastal Zone



## Step 11 of 15 - Project Alternatives

### a. Total acres of wetlands and/or waterbottoms filled and/or excavated.

6.01 acres

### b. What alternative locations, methods, and access routes were considered to avoid impact to wetlands and/or waterbottoms?

Because the project will not impact Special Aquatic Sites, as determined during a site visit with the US Army Corps of Engineers, alternative sites were not evaluated. Further, alternative sites would not support the purpose of the project to expand the current capacity of the existing Gypsum Management Area to extend the overall life of the facility and meet production needs.

### c. What efforts were made to minimize impact to wetlands and/or waterbottoms?

ds or other Special Aquatic Sites. The only aquatic features impacts proposed are to agricultural ditches within the proposed limits of construction.

### d. How are unavoidable impacts to vegetated wetlands to be mitigated?

ation is not proposed due to the proposed project not resulting in impacts to Special Aquatic Sites. The applicant requests a waiver for OCM's permit processing fee for activities involving excavating or filling (\$.05 per cubic yards for all other uses) based on impacts only proposed to agricultural ditches (versus any wetlands or coastal resources).

## Step 12 of 15 - Permit Type and Owners

### a. Are you applying for a Coastal Use Permit?

No  Yes

### b. Are you the sole landowner / oyster lease holder?

No  Yes

The applicant is an owner of the property on which the proposed described activity is to occur.

The applicant has made reasonable effort to determine the identity and current address of the owner(s) of the land on which the proposed described activity is to occur, which included, a search of the public records of the parish in which the proposed activity is to occur.

The applicant hereby attests that a copy of the application has been distributed to the following landowners / oyster lease holders. See attached list.

### c. Does the project involve drilling, production, and/or storage of oil and gas?

No  Yes **If yes, you must attach a list of all state and federal laws and rules and regulations dealing with spill prevention and containment.**

## Step 13 of 15 - Maps and Drawing Instructions



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

Note: OCM Compiled Plats consist of a complete and current set of plats that have been pieced together by OCM using only the most current portions of the plat files provided by the applicant/agent. All out-of-date plats have been excluded.

11229531_Attachment5a_PlanandProfileDrawings.pdf	05/20/2025 04:37:00 PM
11229531_CoverLetter_JointPermitApplication_MosaicFertilizer.pdf	05/20/2025 04:16:08 PM
11229531_Attachment5c_PlanandProfileDrawings.pdf	05/20/2025 04:37:22 PM
11229531_Attachment2_PJD.pdf	05/20/2025 04:20:51 PM
11229531_Attachment7_SHPOConcurrence.pdf	05/20/2025 04:37:39 PM
11229531_Attachment3_Figures.pdf	05/20/2025 04:20:58 PM
11229531_Attachment5b_PlanandProfileDrawings.pdf	05/20/2025 04:37:13 PM
11229531_Attachment1_JointPermitApplicationForm.pdf	05/20/2025 04:20:41 PM
11229531_Attachment4_RepresentativePhotographs.pdf	05/20/2025 04:21:08 PM
11229531_Attachment6_ThreatenedandEndangeredSpeciesHabitatAssessment.pdf	05/20/2025 04:37:30 PM

### Step 14 of 15 - Payment

The fee for this permit is: \$ 100.00

### Step 15 of 15 - Payment Processed

#### Applicant Information

**Applicant Name:** Mosaic Fertilizer, LLC  
**Address:** 13830 Circa Crossing Drive  
 Lithia, FL 33547

To the best of my knowledge the proposed activity described in this permit application complies with, and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. If applicable, I also certify that the declarations in Step 12c, oil spill response, are complete and accurate.





Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

### Landowners List

Adjacent Landowner

George Nassar

5390 Canatella St

Convent, LA 70723

Adjacent Landowner

Occidental Chemical Corporation

PO Box 27711

Houston, TX 77227

Adjacent Landowner

Palacios Marine & Industrial Coatings, Co.

416 N Rosewood Ave

Gonzales, LA 70737

Adjacent Landowner

Raven Energy, LLC

1011 Warrenville Road

Suite 600

Lisle, IL 60532

# **Attachment 2**

**PJD**



**DEPARTMENT OF THE ARMY**  
**U.S. ARMY CORPS OF ENGINEERS, NEW ORLEANS DISTRICT**  
7400 LEAKE AVE  
NEW ORLEANS, LA 70118-3651

April 19, 2022

Regulatory Division  
Jurisdiction and Enforcement Branch

Mr. Coklin Nguyen  
Geosyntec Consultants, Inc  
5420 Corporate Blvd., Suite 202  
Baton Rouge, LA 70808

Dear Mr. Nguyen:

Reference is made to your request, on behalf of Mosaic Fertilizer, for a U.S. Army Corps of Engineers' (Corps) jurisdictional determination on property located in Section 46, Township 11 South, Range 4 East, St. James Parish, Louisiana (enclosed map). Specifically, this property is identified as a ±342.8-acre site east of Highway 44 located in Convent, LA.

Based on review of recent maps, aerial photography, soils data, and the delineation report provided with your request, we have determined that part of the property contains wetlands and non-wetland waters that may be subject to Corps' jurisdiction. The approximate limits of the wetlands and non-wetland waters are designated in red and blue, respectively, on the map. A Department of the Army (DA) permit under Section 404 of the Clean Water Act will be required prior to the deposition or redistribution of dredged or fill material into waters of the U.S.

The delineation included herein has been conducted to identify the location and extent of the aquatic resource boundaries and/or the jurisdictional status of aquatic resources for purposes of the Clean Water Act for the particular site identified in this request. This delineation and/or jurisdictional determination may not be valid for the Wetland Conservation Provisions of the Food Security Act of 1985, as amended. If you or your tenant are USDA program participants, or anticipate participation in USDA programs, you should discuss the applicability of a certified wetland determination with the local USDA service center, prior to starting work.

You and your client are advised that this preliminary jurisdictional determination is valid for a period of 5 years from the date of this letter unless new information warrants revision prior to the expiration date. Additionally, this determination is only valid for the identified project or individual(s) only and is not to be used for decision-making by any other individual or entity.

This jurisdictional determination has been conducted to identify the limits of the Corps' Clean Water Act jurisdiction for the particular site identified in your request. This jurisdictional determination may not be valid for the wetland conservation provisions of the Food Security Act of 1985, as amended. If the property owner or tenant is a USDA farm participant, or anticipates participation in USDA programs, contact the local office of the Natural Resources Conservation Service prior to starting work.

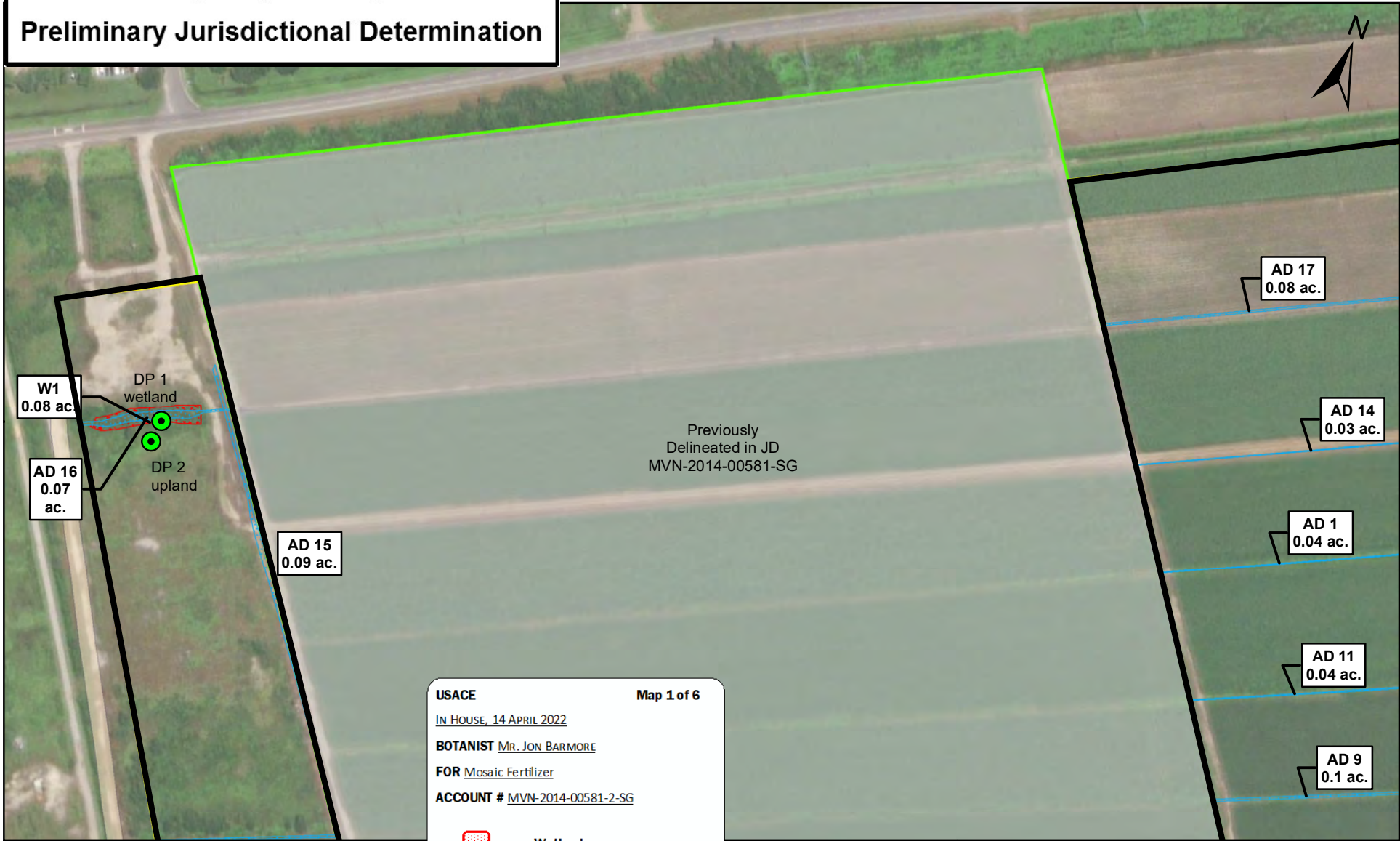
Should there be any questions concerning these matters, please contact Mr. Jon Barmore at (504) 862-1704 and reference our Account No. MVN-2014-00581-2-SG. If you have specific questions regarding the permit process or permit applications, please contact our Central Evaluation Branch at (504) 862-1704.

Sincerely,




for Martin S. Mayer  
Chief, Regulatory Division

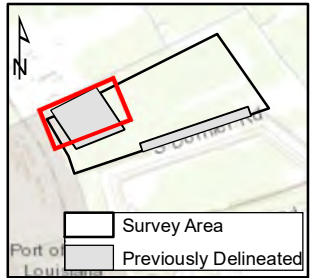
Enclosures

# US Army Corps of Engineers Preliminary Jurisdictional Determination

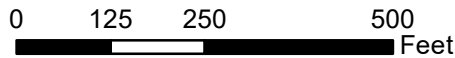


**USACE** Map 1 of 6  
 IN HOUSE, 14 APRIL 2022  
 BOTANIST MR. JON BARMORE  
 FOR Mosaic Fertilizer  
 ACCOUNT # MVN-2014-00581-2-SG

-  Wetlands
-  Non-wetland waters
-  JD Review Area



 Gravel Road



**Site Map**  
 Uncle Sam Plant Modification  
 Mosaic Fertilizer, LLC.  
 St James Parish, LA

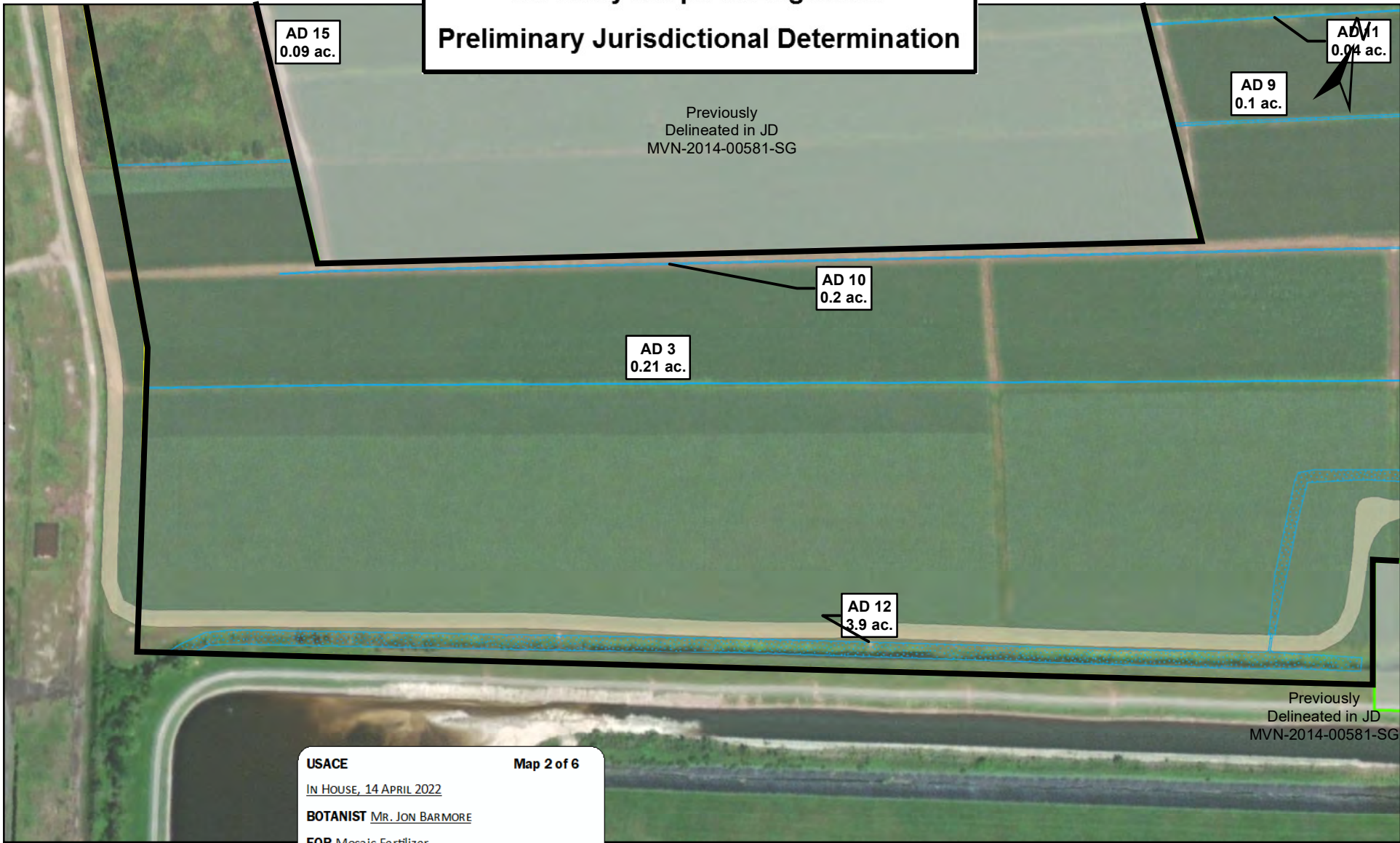


TXR7424

May 2021

**Figure 2**  
 Sheet 1

# US Army Corps of Engineers Preliminary Jurisdictional Determination



AD 15  
0.09 ac.

AD 1  
0.04 ac.

AD 9  
0.1 ac.

Previously  
Delineated in JD  
MVN-2014-00581-SG

AD 10  
0.2 ac.

AD 3  
0.21 ac.

AD 12  
3.9 ac.

Previously  
Delineated in JD  
MVN-2014-00581-SG

**USACE** **Map 2 of 6**  
 IN HOUSE, 14 APRIL 2022  
**BOTANIST** MR. JON BARMORE  
 FOR Mosaic Fertilizer  
**ACCOUNT #** MVN-2014-00581-2-SG

- Wetlands**
- Non-wetland waters**
- JD Review Area**

500 Feet

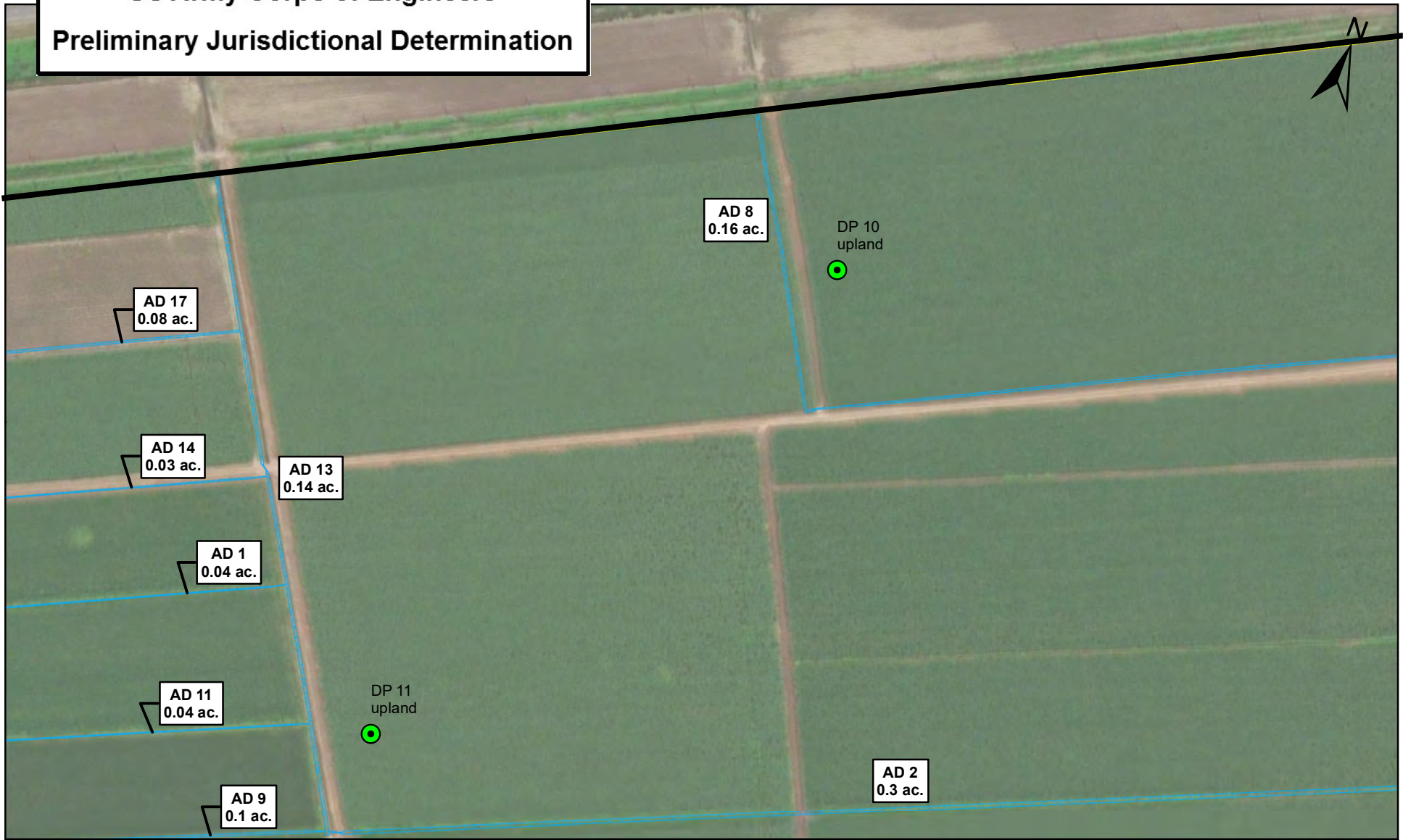
- Survey Area
- Previously Delineated

**Site Map**  
 Uncle Sam Plant Modification  
 Mosaic Fertilizer, LLC.  
 St James Parish, LA

		<b>Figure 2</b> Sheet 2
TXR7424	May 2021	



# US Army Corps of Engineers Preliminary Jurisdictional Determination



USACE Map 3 of 6

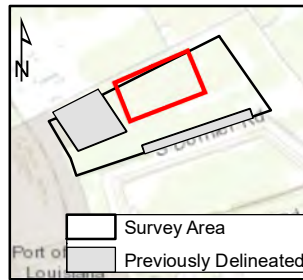
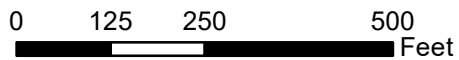
IN HOUSE, 14 APRIL 2022

BOTANIST MR. JON BARMORE

FOR Mosaic Fertilizer

ACCOUNT # MVN-2014-00581-2-SG

-  Wetlands
-  Non-wetland waters
-  JD Review Area



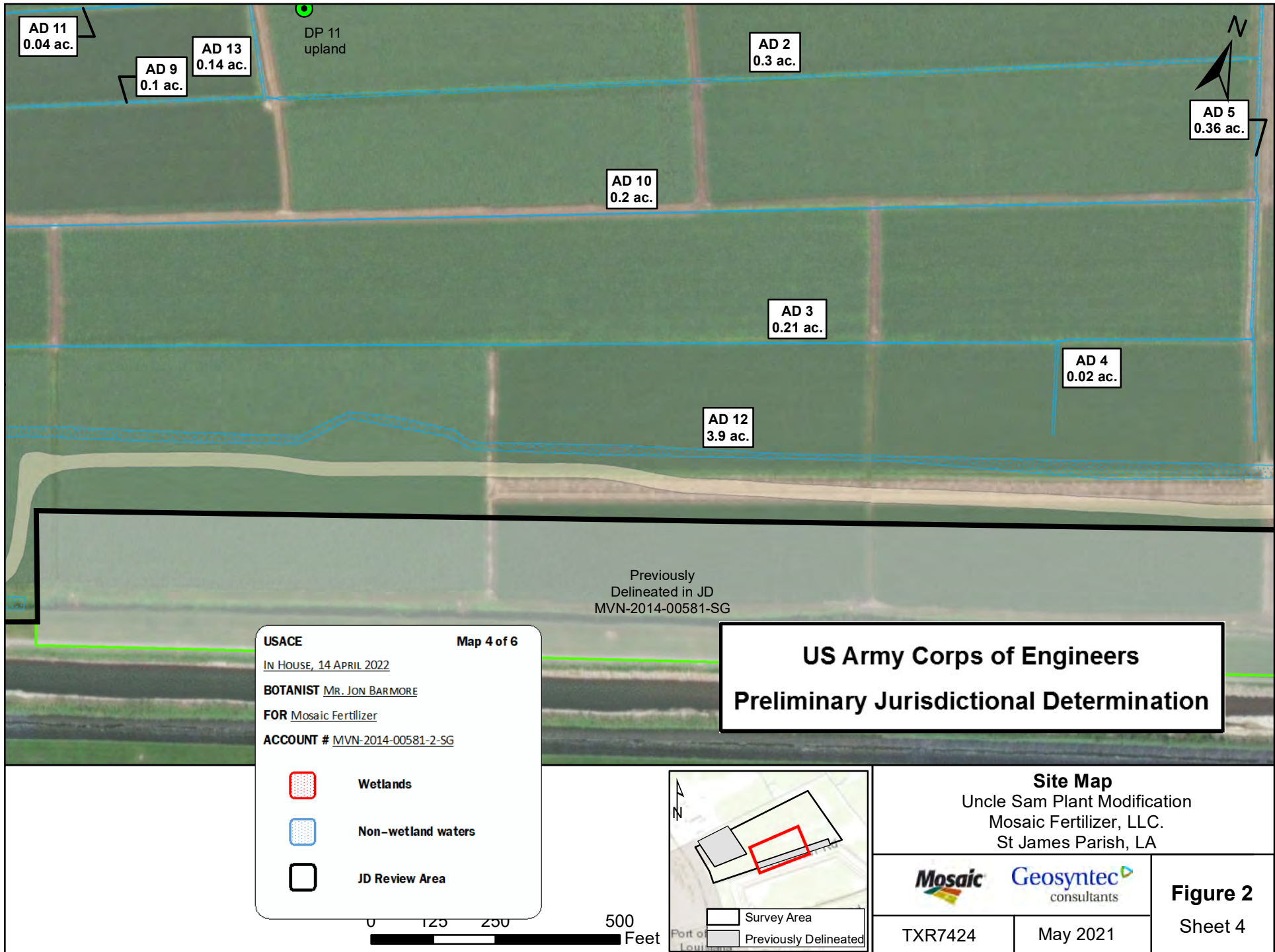
**Site Map**  
Uncle Sam Plant Modification  
Mosaic Fertilizer, LLC.  
St James Parish, LA



TXR7424

May 2021

**Figure 2**  
Sheet 3



AD 11  
0.04 ac.

AD 9  
0.1 ac.

AD 13  
0.14 ac.

DP 11  
upland

AD 2  
0.3 ac.

AD 5  
0.36 ac.

AD 10  
0.2 ac.

AD 3  
0.21 ac.

AD 4  
0.02 ac.

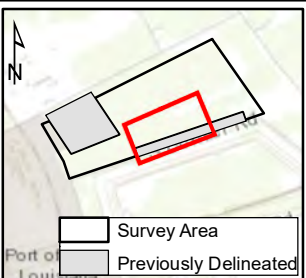
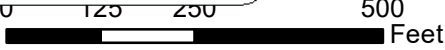
AD 12  
3.9 ac.

Previously  
Delineated in JD  
MVN-2014-00581-SG

**US Army Corps of Engineers  
Preliminary Jurisdictional Determination**

**USACE** Map 4 of 6  
 IN HOUSE, 14 APRIL 2022  
 BOTANIST MR. JON BARMORE  
 FOR Mosaic Fertilizer  
 ACCOUNT # MVN-2014-00581-2-SG

- Wetlands**
- Non-wetland waters**
- JD Review Area**

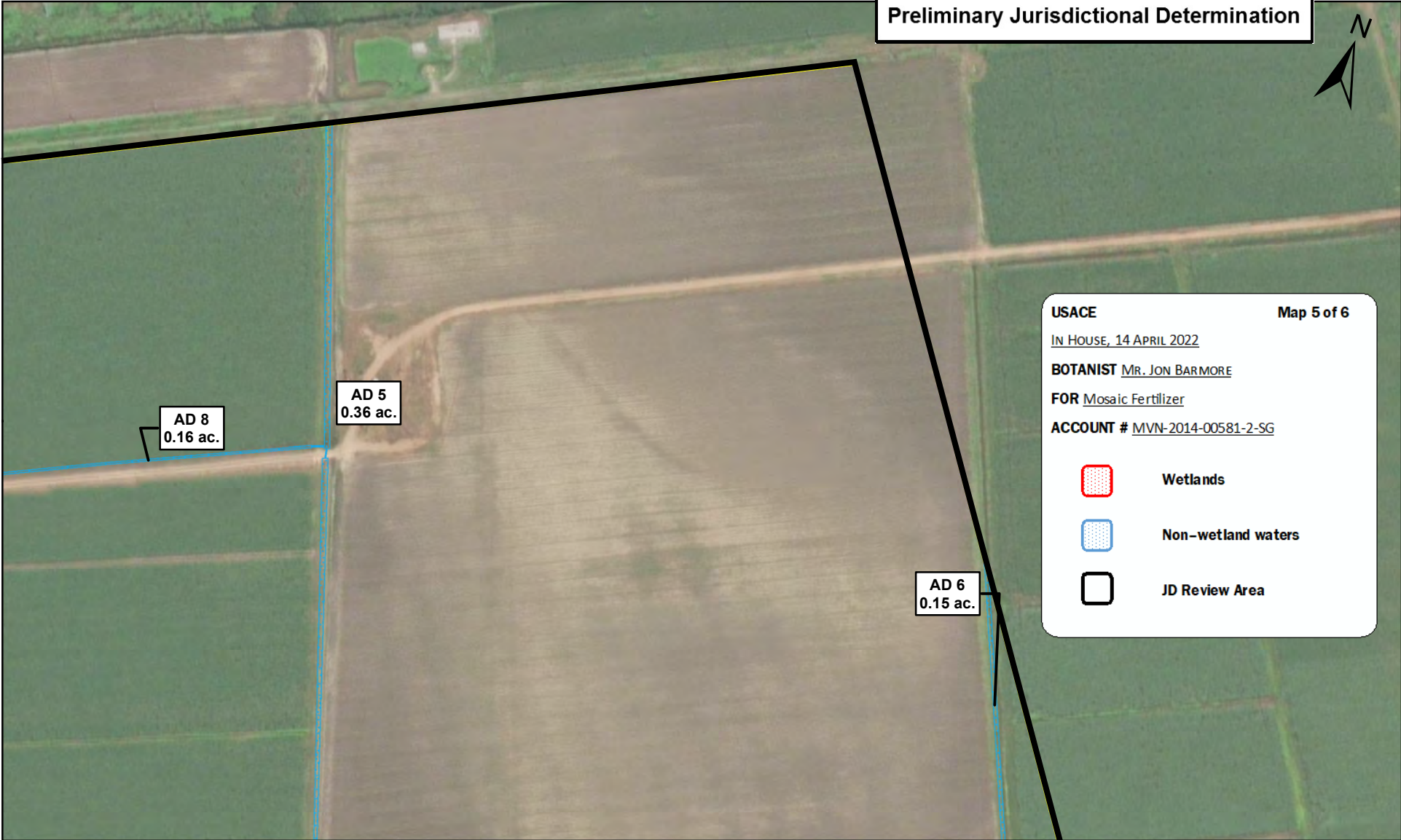





**Site Map**  
 Uncle Sam Plant Modification  
 Mosaic Fertilizer, LLC.  
 St James Parish, LA

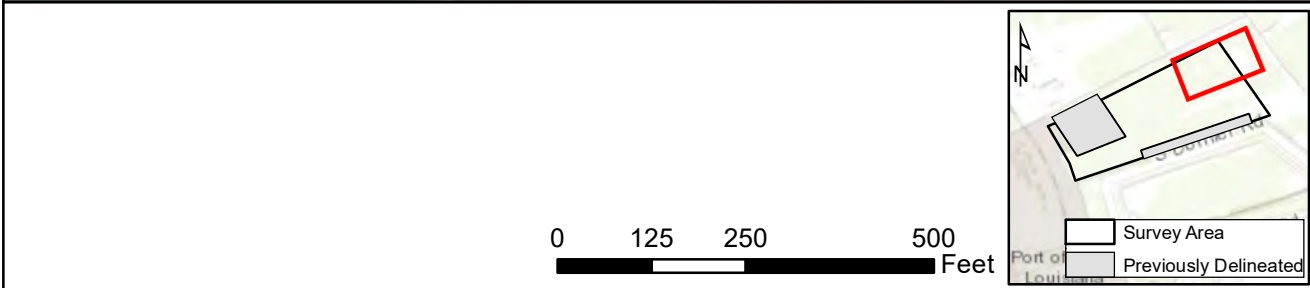
		<b>Figure 2</b> Sheet 4
TXR7424	May 2021	



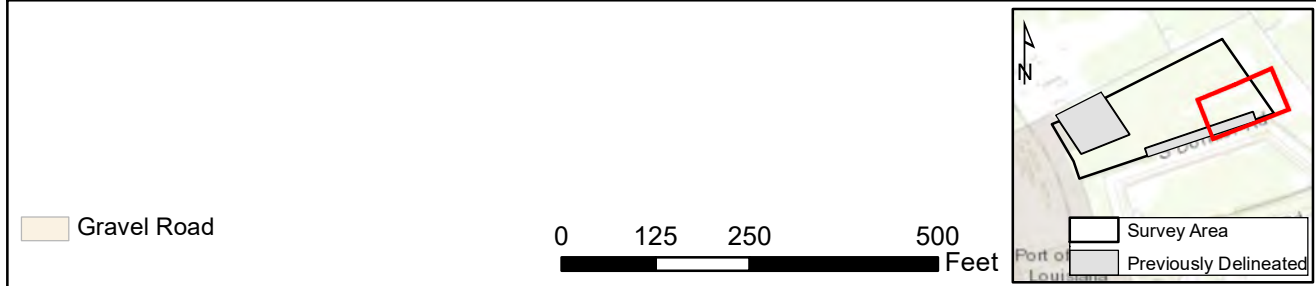
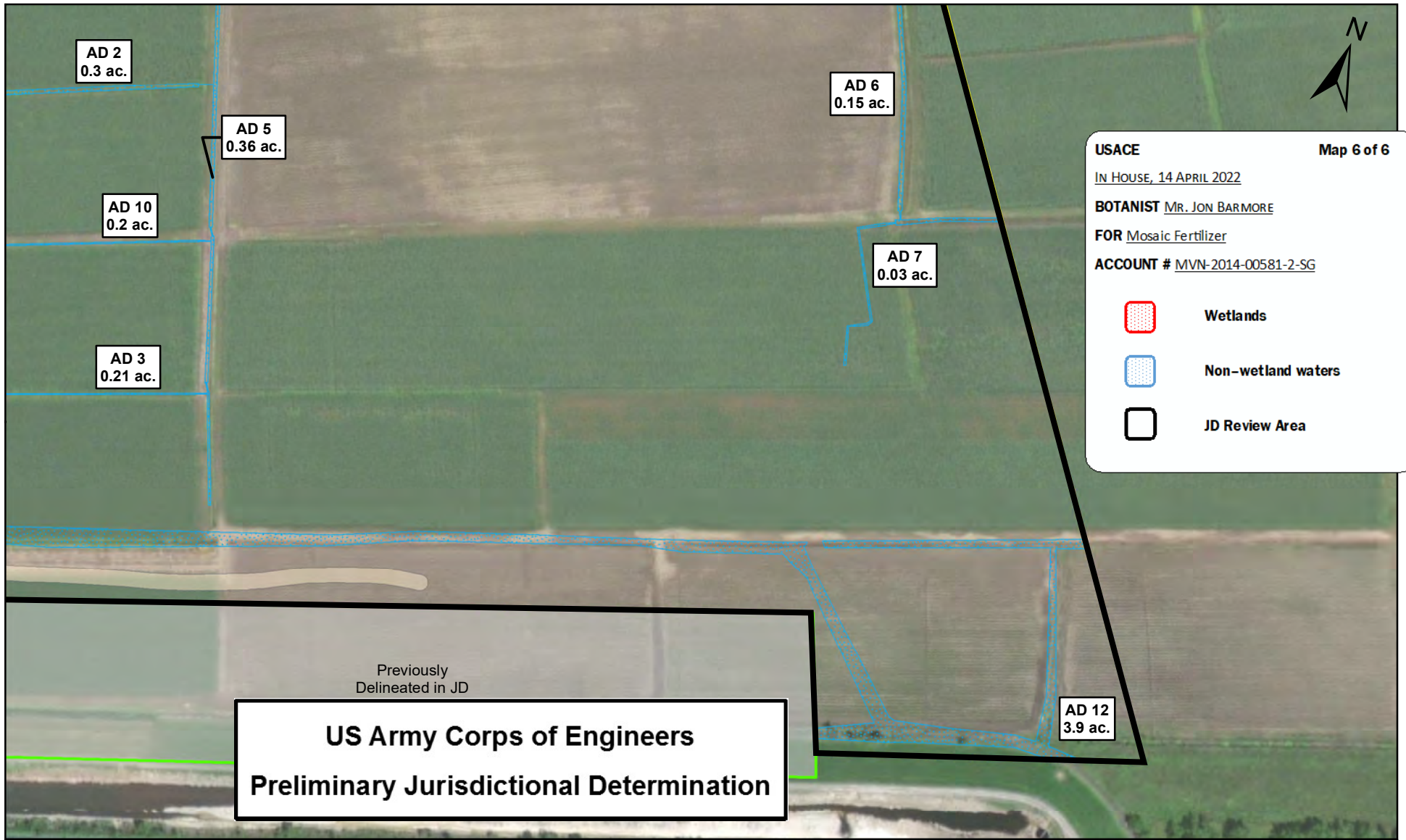
**US Army Corps of Engineers  
Preliminary Jurisdictional Determination**



<b>USACE</b>	<b>Map 5 of 6</b>
<u>IN HOUSE, 14 APRIL 2022</u>	
<b>BOTANIST</b> <u>MR. JON BARMORE</u>	
<b>FOR</b> <u>Mosaic Fertilizer</u>	
<b>ACCOUNT #</b> <u>MVN-2014-00581-2-SG</u>	
	<b>Wetlands</b>
	<b>Non-wetland waters</b>
	<b>JD Review Area</b>



<b>Site Map</b> Uncle Sam Plant Modification Mosaic Fertilizer, LLC. St James Parish, LA	
	
TXR7424	May 2021
<b>Figure 2</b>	
Sheet 5	



**PRELIMINARY JURISDICTIONAL DETERMINATION (PJD) FORM**

**BACKGROUND INFORMATION**

**A. REPORT COMPLETION DATE FOR PJD: April 19, 2022**

**B. NAME AND ADDRESS OF PERSON REQUESTING PJD:**

Mr. Coklin Nguyen  
Geosyntec Consultants, Inc.  
5420 Corporate Rd, Suite 202  
Baton Rouge, LA 70808

**C. DISTRICT OFFICE, FILE NAME, AND NUMBER: MVN-2014-00581-2-SG**

**D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION:**

**(USE THE TABLE BELOW TO DOCUMENT MULTIPLE AQUATIC RESOURCES AND/OR AQUATIC RESOURCES AT DIFFERENT SITES)**

State: Louisiana                      County/parish/borough: St. James City:

Center coordinates of site (lat/long in degree decimal format):

Lat.: 30.0539 °              Long.: -90.8297 °

Universal Transverse Mercator:

Name of nearest waterbody: Mississippi River

**E. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):**

Office (Desk) Determination. Date: 4/14/2022

Field Determination. Date(s):

**TABLE OF AQUATIC RESOURCES IN REVIEW AREA WHICH "MAY BE" SUBJECT TO REGULATORY JURISDICTION.**

Site number	Latitude (decimal degrees)	Longitude (decimal degrees)	Estimated amount of aquatic resource in review area (acreage and linear feet, if applicable)	Type of aquatic resource (i.e., wetland vs. non-wetland waters)	Geographic authority to which the aquatic resource "may be" subject (i.e., Section 404 or Section 10/404)
1	30.0539	-90.8297	±0.08 ac	wetlands	Sec 404
1	30.0539	-90.8297	±9.41 ac	non-wetland waters	Sec 404



**SUPPORTING DATA. Data reviewed for PJD (check all that apply)**

Checked items should be included in subject file. Appropriately reference sources below where indicated for all checked items:

- Maps, plans, plots or plat submitted by or on behalf of the PJD requestor:  
Map: \_\_\_\_\_.
- Data sheets prepared/submitted by or on behalf of the PJD requestor.
  - Office concurs with data sheets/delineation report.
  - Office does not concur with data sheets/delineation report. Rationale: \_\_\_\_\_.
- Data sheets prepared by the Corps: \_\_\_\_\_.
- Corps navigable waters' study: \_\_\_\_\_.
- U.S. Geological Survey Hydrologic Atlas: \_\_\_\_\_.
  - USGS NHD data.
  - USGS 8 and 12 digit HUC maps.
- U.S. Geological Survey map(s). Cite scale & quad name: 1:24,000 Convent.
- Natural Resources Conservation Service Soil Survey. Citation: web soil survey.
- National wetlands inventory map(s). Cite name: \_\_\_\_\_.
- State/local wetland inventory map(s): \_\_\_\_\_.
- FEMA/FIRM maps: \_\_\_\_\_.
- 100-year Floodplain Elevation is: \_\_\_\_\_. (National Geodetic Vertical Datum of 1929)
- Photographs:  Aerial (Name & Date): 1998,2006,2013,2017,2019 true color  
or  Other (Name & Date): 1998,2004,2005 CIR
- Previous determination(s). File no. and date of response letter: \_\_\_\_\_.
- Other information (please specify): LiDAR

**IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.**

**Jon Barmore**  
Digitally signed by Jon Barmore  
Date: 2022.04.14 13:26:04 -05'00'

\_\_\_\_\_  
Signature and date of  
Regulatory staff member  
completing PJD

via letter May 6, 2021

\_\_\_\_\_  
Signature and date of  
person requesting PJD  
(REQUIRED, unless obtaining  
the signature is impracticable)<sup>1</sup>

<sup>1</sup> Districts may establish timeframes for requestor to return signed PJD forms. If the requestor does not respond within the established time frame, the district may presume concurrence and no additional follow up is necessary prior to finalizing an action.

- 1) The Corps of Engineers believes that there may be jurisdictional aquatic resources in the review area, and the requestor of this PJD is hereby advised of his or her option to request and obtain an approved JD (AJD) for that review area based on an informed decision after having discussed the various types of JDs and their characteristics and circumstances when they may be appropriate.
- 2) In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "pre-construction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an AJD for the activity, the permit applicant is hereby made aware that: (1) the permit applicant has elected to seek a permit authorization based on a PJD, which does not make an official determination of jurisdictional aquatic resources; (2) the applicant has the option to request an AJD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an AJD could possibly result in less compensatory mitigation being required or different special conditions; (3) the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) undertaking any activity in reliance upon the subject permit authorization without requesting an AJD constitutes the applicant's acceptance of the use of the PJD; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a PJD constitutes agreement that all aquatic resources in the review area affected in any way by that activity will be treated as jurisdictional, and waives any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an AJD or a PJD, the JD will be processed as soon as practicable. Further, an AJD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331. If, during an administrative appeal, it becomes appropriate to make an official determination whether geographic jurisdiction exists over aquatic resources in the review area, or to provide an official delineation of jurisdictional aquatic resources in the review area, the Corps will provide an AJD to accomplish that result, as soon as is practicable. This PJD finds that there "*may be*" waters of the U.S. and/or that there "*may be*" navigable waters of the U.S. on the subject review area, and identifies all aquatic features in the review area that could be affected by the proposed activity, based on the following information:

## NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

Applicant: Mosaic Fertilizer	File Number: MVN-2014-00581-2-SG	Date: Apr 19, 2022
Attached is:		See Section below
<input type="checkbox"/>	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A
<input type="checkbox"/>	PROFFERED PERMIT (Standard Permit or Letter of permission)	B
<input type="checkbox"/>	PERMIT DENIAL	C
<input type="checkbox"/>	APPROVED JURISDICTIONAL DETERMINATION	D
<input checked="" type="checkbox"/>	PRELIMINARY JURISDICTIONAL DETERMINATION	E

**SECTION I -** The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at <http://www.usace.army.mil/Missions/CivilWorks/RegulatoryProgramandPermits/appeals.aspx> or Corps regulations at 33 CFR Part 331.

**A: INITIAL PROFFERED PERMIT:** You may accept or object to the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

**B: PROFFERED PERMIT:** You may accept or appeal the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

**C: PERMIT DENIAL:** You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

**D: APPROVED JURISDICTIONAL DETERMINATION:** You may accept or appeal the approved JD or provide new information.

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

**E: PRELIMINARY JURISDICTIONAL DETERMINATION:** You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

**SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT**

**REASONS FOR APPEAL OR OBJECTIONS:** (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

**ADDITIONAL INFORMATION:** The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

**POINT OF CONTACT FOR QUESTIONS OR INFORMATION:**

If you have questions regarding this decision and/or the appeal process you may contact:

Brad Guarisco  
Chief, Jurisdiction and Enforcement Branch  
Regulatory Division  
U.S. Army Corps of Engineers  
7400 Leake Avenue  
New Orleans, LA 70118  
504-862-2274

If you only have questions regarding the appeal process you may also contact:

Administrative Appeals Review Officer  
Mississippi Valley Division  
P.O. Box 80 (1400 Walnut Street)  
Vicksburg, MS 39181-0080  
601-634-5820 FAX: 601-634-5816

**RIGHT OF ENTRY:** Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

\_\_\_\_\_  
Signature of appellant or agent.

Date:

Telephone number:



DEPARTMENT OF ENERGY AND NATURAL RESOURCES

State/Local Concern Determinations

Application #: P20250402

Parish: SAINT JAMES

Date Completed: 06/12/2025

Louisiana Revised Statute 49:214 Types of Uses

A. No Local Program exists for the parish selected.

No Local Program

B. Uses of the Coastal Zone subject to the Coastal Use Permitting program shall be of two types:

(1) Uses of State Concern

- a. Any dredge or fill activities which intersects with more than one water body
- b. Projects involving use of state owned lands or water bottoms
- c. State publicly funded projects
- d. National interest projects
- e. Projects occurring in more than one parish
- f. All mineral activities
- g. All pipelines involved in mineral activities
- h. Energy facilities siting and development
- i. Uses of local concern which may significantly affect interests of regional, state, or national development

(2) Uses of Local Concern

- a. Privately funded projects which are not uses of state concern
- b. Publicly funded projects which are not uses of state concern
- c. Maintenance of uses of local concern
- d. Jetties or breakwaters
- e. Dredge or fill project not intersecting more than one water body
- f. Bulkheads
- g. Piers
- h. Camps and cattlewalks
- i. Maintenance dredging
- j. Private water control structures of less than \$15,000 in cost
- k. Uses of Cheniers, salt domes, or similar land forms

Comments:

Near Lafourche Basin Levee District Local\_Hurricane\_Levee

Based on the above considerations, this Coastal Use Permit application has been determined to be a **Local Concern**

Kyle F. Balkum, Administrator



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

**Application Number:** 33734

**Permit Number:** P20250402

**Date Received:** 06/11/2025

### Step 1 of 15 - Applicant Information

**Applicant Name:** St. James Parish Government **Applicant Type:** GOVERNMENT AGENCY  
**Mailing Addr :** P.O. Box 106  
 Convent, LA 70723-  
 Peter Dufresne  
**Contact Info:** (225) 562-2396 **Fax:** - **Email:** pete.dufresne@stjamesla.com  
**Phone:**

### Step 2 of 15 - Agent Information

**Agent Name:** Basile Dardar  
**Mailing Addr:** 607 W Morris Avenue  
 Hammond, LA 70403  
 Basile Dardar  
**Contact Info:** (985) 662-5501 **Fax:** (985) 662-5504 **Email:** BDARDAR@ELOSENV.COM  
**Phone:**

### Step 3 of 15 - Permit Type

Coastal Use Permit (CUP)  Solicitation of Views (SOV)  Request for Determination (RFD)

### Step 4 of 15 - Pre-Application Activity

**a. Have you participated in a Pre-Application or Geological Review Meeting for the proposed project?**

No  Yes Date meeting was held:

Attendees:

\_\_\_\_\_ (Individual or Company Rep)

\_\_\_\_\_ (OCM Representative)

\_\_\_\_\_ (COE Representative)

**b. Have you obtained an official wetland determination from the COE for the project site?**

No  Yes **If Yes, Please upload a copy with your application.**

**JD Number: MVN-2025-00051-SN**

**c. Is this application a mitigation plan for another CUP?**

No  Yes OCM Permit Number:

### Step 5 of 15 - Project Information



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

**a. Describe the project.**

The proposed project will improve drainage infrastructure for the community of South Vacherie starting on Victor Road following down South Rosary Street, crossing over Highways 643 and 644 and ending on Rosary Lane. The project proposes the improvement of existing drainage in the area by removing and replacing the existing culverts and catch basins. The existing drainage ditch along Victor Road will be widened to approximately 11'x286'x 5'.

**b. Is this application a change to an existing permit?**

No                       Yes                      OCM Permit Number:

**c. Have you previously applied for a permit or emergency authorization for all or any part of the proposed project?**

No                       Yes

Agency	Contact	Permit Number	Decision Status	Decision Date
OCM				
COE				
Other				

**Step 6 of 15 - Project Location**

**a. Physical Location**

Street: Rosary St.  
 City: Vacherie                      Parish: Saint James                      Zip: 70090

Water Body:

**b. Latitude and Longitude**

Latitude: 29      56      42.22      Longitude: 90      42      15.04

**c. Section, Township, and Range**

Section #: 14 ,23                      Township #: 13S                      Range #: 17E  
 Section #:                      Township #:                      Range #:

**d. Lot, Tract, Parcel, or Subdivision Name**

Lot #:                      Parcel #:  
 Tract #:                      Subdivision Name:



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

**e. Site Direction**

START- Begin by getting on I-10 E, in approximately 27 miles take exit 187 onto US-61 S toward Gramercy. In approximately 12 miles take a right onto LA-3213S/LA-641S. In 5.8 miles turn right onto LA-3127 for approximately 2 miles then take a right onto LA-20W. Turn left onto LA-644E, then arrive to project area in approximately 440 feet. - END

**Step 7 of 15 - Adjacent Landowners** - See attached list

**Step 8 of 15 - Project Specifics**

- a. **Project Name and/or Title:**      Rosary St. Corridor Drainage Improvements
- b. **Project Type:**                      Residential
- c. **Jurisdiction:**                        State Concern
- d. **Source of Funding:**                **LOCAL**

**e. What will be done for the proposed project?**

- |  |  |  |  |
|--|--|--|--|
| <input type="checkbox"/> Bridge/Road                     | <input type="checkbox"/> Home Site/Driveway  | <input type="checkbox"/> Pipeline/Flow Line          | <input type="checkbox"/> Rip Rap/Erosion Control |
| <input type="checkbox"/> Bulkhead/Fill                   | <input type="checkbox"/> Levee Construction  | <input type="checkbox"/> Plug/Abandon                | <input type="checkbox"/> Site Clearance          |
| <input checked="" type="checkbox"/> DrainageImprovements | <input checked="" type="checkbox"/> Dredging | <input type="checkbox"/> Production Barge/Structure  | <input type="checkbox"/> Subdivision             |
| <input type="checkbox"/> Drill Barge/ Structure          | <input type="checkbox"/> Prop Washing        | <input type="checkbox"/> Vegetative Plantings        | <input type="checkbox"/> Wharf/Pier/Boathouse    |
| <input type="checkbox"/> Drill Site                      | <input type="checkbox"/> Pilings             | <input type="checkbox"/> Remove Structures           |  |
| <input checked="" type="checkbox"/> Fill                 | <input type="checkbox"/> Marina              | <input type="checkbox"/> Major Industrial/Commercial |  |
| <input type="checkbox"/> Other:                          |  |  |  |

**f. Why is the proposed project needed?**

The project proposes to improve drainage along Rosary Street and victor road by improving subsurface and open water



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

---

drainage. Existing subsurface infrastructure will be improved and updated to allow a greater flow of water. Open water



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

# Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

area will also be improved to prevent any back flow into local area.

## Step 9 of 15 - Project Status

a. Proposed start date:

Proposed completion date:

b. Is any of the project work in progress?

No       Yes

c. Is any of the project work completed?

No       Yes

## Step 10 of 15 - Structures, Materials, and Methods for the Pr

### a. Excavations

58 Cubic Yards      1.45 Acres

### b. Fill Areas

1,055 Cubic Yards      1.45 Acres

### c. Fill Materials

<input checked="" type="checkbox"/> Concrete:	38 Cubic Yards	<input type="checkbox"/> Rock:	Cubic Yards
<input checked="" type="checkbox"/> Crushed Stone or Gravel:	730 Cubic Yards	<input type="checkbox"/> Sand:	Cubic Yards
<input checked="" type="checkbox"/> Excavated and Placed onsite :	58 Cubic Yards	<input type="checkbox"/> Hauled in Topsoil/Dirt:	Cubic Yards
<input type="checkbox"/> Excavated and hauled offsite:	Cubic Yards		
<input checked="" type="checkbox"/> Other: Asphalt	287 Cubic Yards		

### d. What equipment will be used for the proposed project?

<input type="checkbox"/> Airboat	<input checked="" type="checkbox"/> Bulldozer/Grader	<input type="checkbox"/> Marsh Buggy
<input checked="" type="checkbox"/> Backhoe	<input type="checkbox"/> Dragline/Excavator	<input checked="" type="checkbox"/> Other Tracked or Wheeled Vehicles
<input type="checkbox"/> Barge Mounted Bucket Dredge	<input type="checkbox"/> Handjet	<input type="checkbox"/> Self Propelled Pipe Laying Barge
<input type="checkbox"/> Barge Mounted Drilling Rig	<input type="checkbox"/> Land Based Drilling Rig	<input type="checkbox"/> Tugboat
<input type="checkbox"/> Other:		



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

### Step 11 of 15 - Project Alternatives

**a. Total acres of wetlands and/or waterbottoms filled and/or excavated.**

0.00 acres

**b. What alternative locations, methods, and access routes were considered to avoid impact to wetlands and/or waterbottoms?**

Alternative locations were not considered due to the project consisting of altering existing drainage infrastructure. All access will be from non-wetland work areas.

**c. What efforts were made to minimize impact to wetlands and/or waterbottoms?**

No wetland impacts are anticipated. Water bottom impacts are considered temporary impacts due to the nature of the work. The temporary other water impacts are approximately 0.70 acres.

**d. How are unavoidable impacts to vegetated wetlands to be mitigated?**

No wetland impacts are anticipated.

### Step 12 of 15 - Permit Type and Owners

**a. Are you applying for a Coastal Use Permit?**

No                       Yes

**b. Are you the sole landowner / oyster lease holder?**

No                       Yes

The applicant is an owner of the property on which the proposed described activity is to occur.

The applicant has made reasonable effort to determine the identity and current address of the owner(s) of the land on which the proposed described activity is to occur, which included, a search of the public records of the parish in which the proposed activity is to occur.

The applicant hereby attests that a copy of the application has been distributed to the following landowners / oyster lease holders. See attached list.

**c. Does the project involve drilling, production, and/or storage of oil and gas?**

No                       Yes      **If yes, you must attach a list of all state and federal laws and rules and regulations dealing with spill prevention and containment.**

### Step 13 of 15 - Maps and Drawing Instructions





Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

Note: OCM Compiled Plats consist of a complete and current set of plats that have been pieced together by OCM using only the most current portions of the plat files provided by the applicant/agent. All out-of-date plats have been excluded.

Pages\_from\_MVN-2025-00051-SN\_Dardar.pdf

06/06/2025 10:38:21 AM

Combined\_Figures\_Updated.pdf

06/11/2025 10:11:31 AM

### Step 14 of 15 - Payment

**The fee for this permit is:** \$ 20.00

### Step 15 of 15 - Payment Processed

#### Applicant Information

**Applicant Name:** St. James Parish Government

**Address:** P.O. Box 106

Convent, LA 70723-

To the best of my knowledge the proposed activity described in this permit application complies with, and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. If applicable, I also certify that the declarations in Step 12c, oil spill response, are complete and accurate.



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

### Landowners List

Adjacent Landowner

**BECNEL, KEITH A. & ELIZABETH**

**23197 REULET RD.**

**VACHERIE, LA 70090**

Adjacent Landowner

**BORNE, LARRY A.**

**23021 SOUTH ROSARY ST.**

**VACHERIE, LA 70090**

Adjacent Landowner

**BORNE, WADE & JULIE**

**22968 NORTH ROSARY ST.**

**VACHERIE, LA 70090**

Adjacent Landowner

**BOURGEOIS, FRANK**

**23009 SOUTH ROSARY ST.**

**VACHERIE, LA 70090**

Adjacent Landowner

**BRAZAN, GENNEL T. ET AL**

**23141 SOUTH ROSARY ST.**

**VACHERIE, LA 70090**

Adjacent Landowner

**BURGOS, KAMIE M.**

**23156 S. ROSARY ST**

**VACHERIE, LA 70090**



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

# Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

<p>Adjacent Landowner COLWART, ANNE B. 162 RUE ST. JOHN VACHERIE, LA 70090</p>
<p>Adjacent Landowner FALGOUST, FRANCIS PAUL 23031 SOUTH ROSARY ST. VACHERIE, LA 70090</p>
<p>Adjacent Landowner GRANIER, ANDREW 23195 VICTOR RD. VACHERIE, LA 70090</p>
<p>Adjacent Landowner GRANIER, MICHAEL &amp; MARILYN 23255 VICTOR RD. VACHERIE, LA 70090</p>
<p>Adjacent Landowner HYMEL, NOLAN 22943 NORTH ROSARY ST. VACHERIE, LA 70090</p>
<p>Adjacent Landowner HYMEL, RAYMOND V. 23051 SOUTH ROSARY ST. VACHERIE, LA 70090</p>



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

<p><b>Adjacent Landowner</b>  <b>JONES, NAKIA M.</b>  <b>23001 S. ROSARY ST.</b>  <b>VACHERIE, LA 70090</b></p>
<p><b>Adjacent Landowner</b>  <b>LAROUSSE, RYAN T.</b>  <b>23121 S. ROSARY</b>  <b>VACHERIE, LA 70090</b></p>
<p><b>Adjacent Landowner</b>  <b>LASSERE, EDDIE JR.</b>  <b>23071 SOUTH ROSARY ST.</b>  <b>VACHERIE, 70090</b></p>
<p><b>Adjacent Landowner</b>  <b>LAURENT, ANTHONY J.</b>  <b>22940 HIGH RIDGE</b>  <b>VACHERIE, LA 70090</b></p>
<p><b>Adjacent Landowner</b>  <b>LEBLANC, DAVID J. JR.</b>  <b>40030 HWY 3125</b>  <b>40030 HWY 3125, LA 70763</b></p>
<p><b>Adjacent Landowner</b>  <b>LEBLANC, DAVID JR.</b>  <b>29144 HWY. 644 (PHY)</b>  <b>PAULINA, LA 70763</b></p>



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

<p><b>Adjacent Landowner</b>  <b>MARSE, CARROLL</b>  <b>23099 SOUTH ROSARY ST.</b>  <b>VACHERIE, LA 70090</b></p>
<p><b>Adjacent Landowner</b>  <b>MATHERNE, GAYLE &amp; BEVERLY</b>  <b>23146 SOUTH ROSARY ST.</b>  <b>VACHERIE, LA 70090</b></p>
<p><b>Adjacent Landowner</b>  <b>NEW HORIZON MISSIONARY BAPTIST CHURCH</b>  <b>29169 HWY. 644</b>  <b>VACHERIE, LA 70090</b></p>
<p><b>Adjacent Landowner</b>  <b>OUBRE, MELVA T.</b>  <b>22961 NORTH ROSARY ST.</b>  <b>VACHERIE, LA 70090</b></p>
<p><b>Adjacent Landowner</b>  <b>REULET, GENE J.</b>  <b>29055 HWY 643</b>  <b>VACHERIE, LA 70090</b></p>
<p><b>Adjacent Landowner</b>  <b>REULET, RICHARD JR. &amp; SANDRA</b>  <b>23185 REULET RD.</b>  <b>VACHERIE, LA 70090</b></p>



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

<p><b>Adjacent Landowner</b>  <b>REULET, VICTOR EST. INC.</b>  <b>29039 HWY. 643</b>  <b>VACHERIE, LA 70090</b></p>
<p><b>Adjacent Landowner</b>  <b>REULET, VINCENT &amp; ALICE</b>  <b>23171 REULET RD.</b>  <b>VACHERIE, LA 70090</b></p>
<p><b>Adjacent Landowner</b>  <b>RODRIGUE, LEONARD &amp; RHONDA</b>  <b>23227 REULET RD.</b>  <b>VACHERIE, LA 70090</b></p>
<p><b>Adjacent Landowner</b>  <b>RODRIGUE, LOGAN M.</b>  <b>23239 REULET RD.</b>  <b>VACHERIE, LA 70090</b></p>
<p><b>Adjacent Landowner</b>  <b>ROME, NEIL &amp; MAUREEN</b>  <b>29169 ROSARY LN.</b>  <b>VACHERIE, LA 70090</b></p>
<p><b>Adjacent Landowner</b>  <b>SANDLIN, CARL &amp; MARY ELLEN</b>  <b>200 ABIGAIL DRIVE</b>  <b>THIBODAU, LA 70301</b></p>





Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

**Joint Permit Application  
For Work Within the Louisiana  
Coastal Zone**



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

**Adjacent Landowner**  
**SANDLIN, MARY ELLEN W.**  
**200 ABIGAIL DRIVE**  
**THIBODAUX, LA 70301**

**Adjacent Landowner**  
**SCHEXNAYDER, STEPHANIE BORNE**  
**22929 N. ROSARY ST. (PHY)**  
**VACHERIE, LA 70090**

**Adjacent Landowner**  
**SIMON, ARTHUR JR. & MARGARET**  
**23217 REULET RD**  
**VACHERIE, LA 70090**

**Adjacent Landowner**  
**SOUTH VACHERIE VOLUNTEER FIRE DEPT.**  
  
**VACHERIE, LA 70090**

**Adjacent Landowner**  
**STEIN, ERIC & BRITNEY**  
**22984 N. ROSARY ST.**  
**VACHERIE, LA 70090**

**Adjacent Landowner**  
**STEIN, LAWRENCE J. ET AL**  
**22971 NORTH ROSARY ST.**  
**VACHERIE, LA 70090**



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

**Adjacent Landowner**

**TABOR, JARED M.  
23081 S. ROSARY ST.  
VACHERIE, LA 70090**

**Adjacent Landowner**

**TORRES, CHIP & WENDY  
22936 NORTH ROSARY ST.  
VACHERIE, LA 70090**

**Adjacent Landowner**

**TRICHE, DARRELL & ROUGEE, PENNY  
23151 SOUTH ROSARY ST.  
VACHERIE, LA 70090**

**Adjacent Landowner**

**TRICHE, DARRELL & ROUGEE, PENNY  
23151 SOUTH ROSARY ST.  
VACHERIE, LA 70090**

**Adjacent Landowner**

**WAGUESPACK, MARY ANN  
29179 ROSARY LN.  
VACHERIE, LA 70090**

**Adjacent Landowner**

**WESTBROOK F. D., L.L.C.  
49 PAPWORTH AVE  
METAIRIE, LA P 70005**

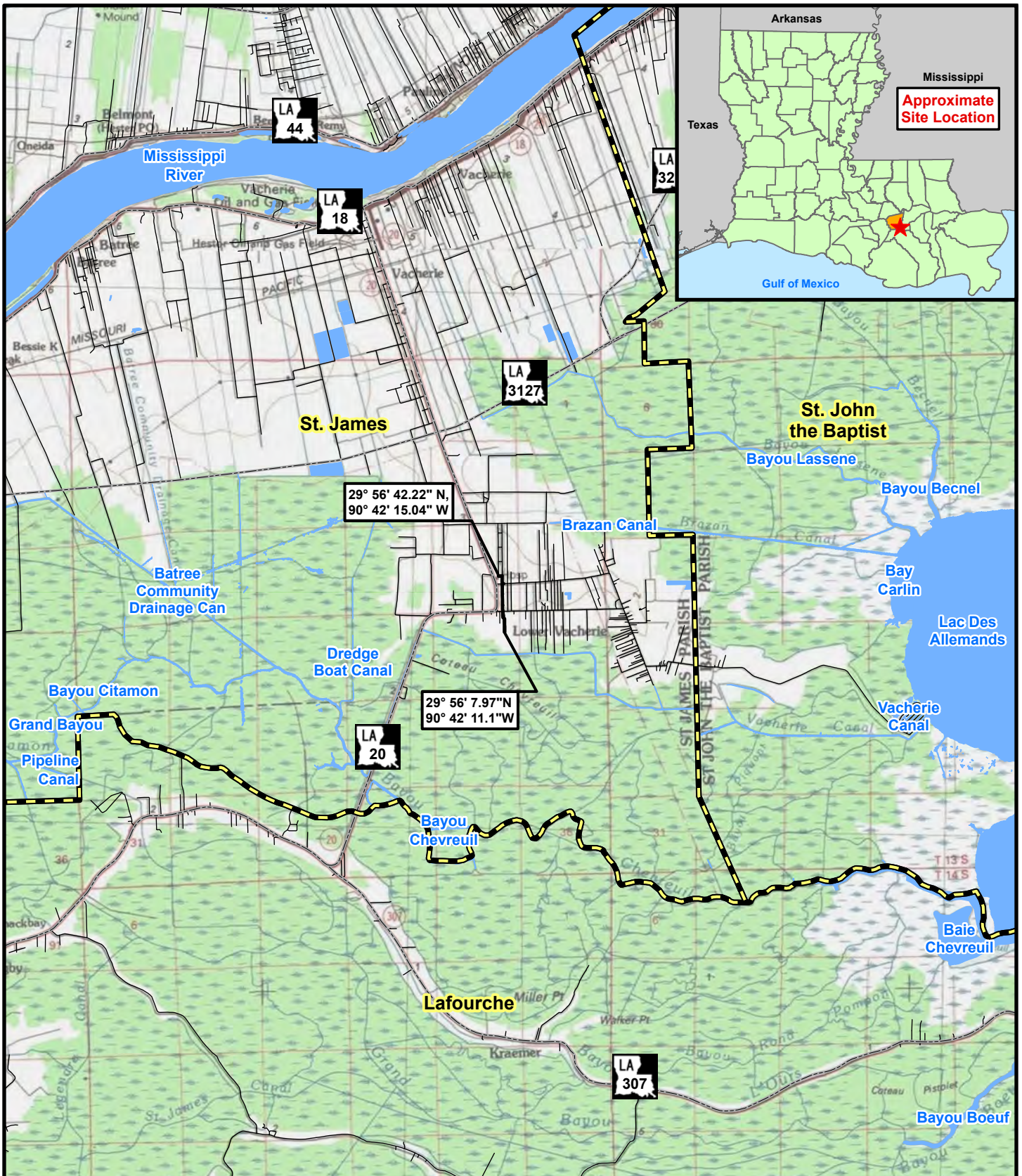


Figure 1.0: TopoVicinity Map  
**Rosary St. Drainage Improvements**

**Legend:**

- Site Outline
- Parish Boundary
- Waterbody
- Interstate
- Highway

*Section: 14, 23  
 Township: T13S  
 Range: R17E*

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.



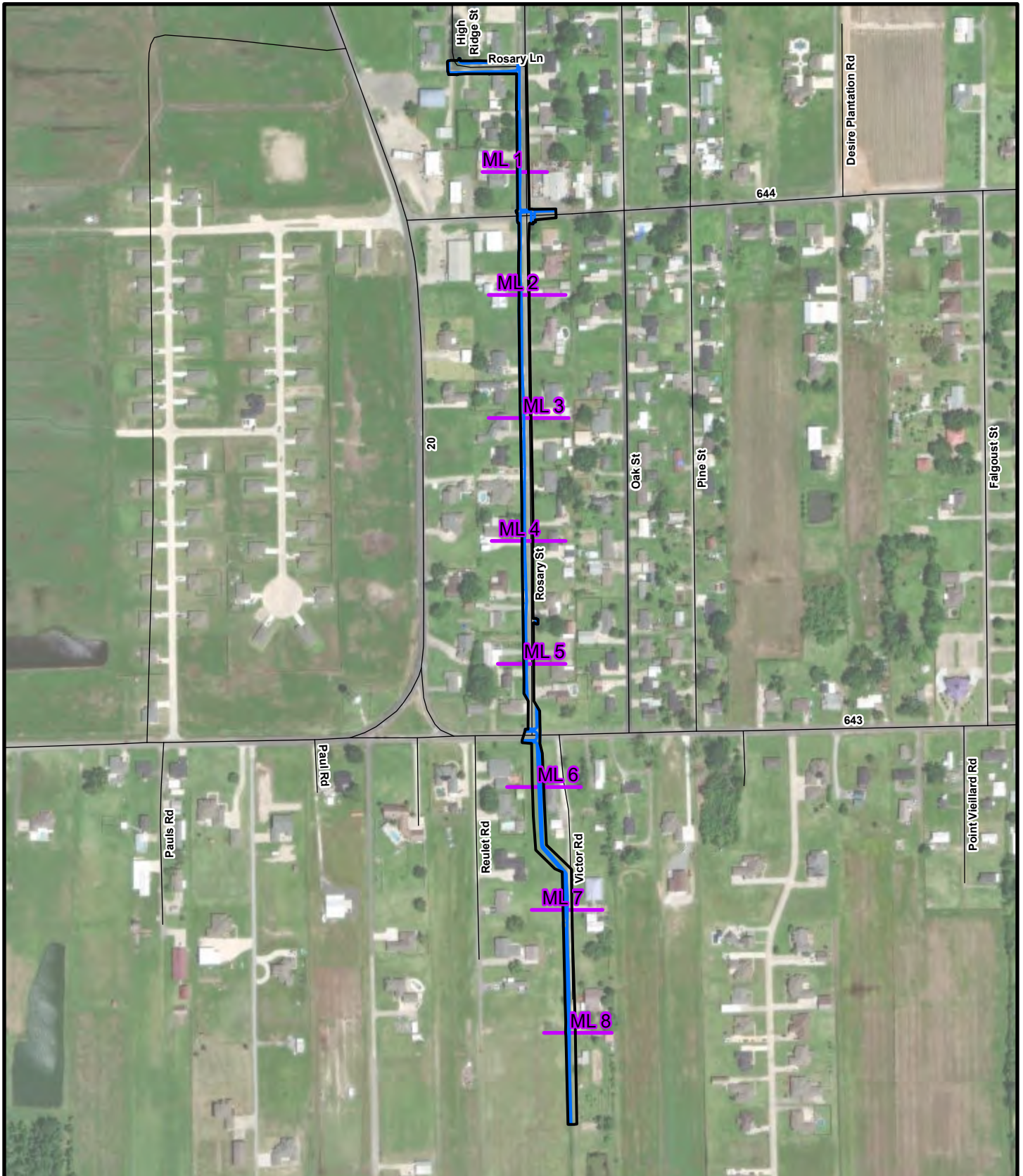


Figure 2.0: Existing Conditions  
**Rosary St. Drainage Improvements**

**Legend:**

Site Outline	Matchline
Proposed Other Waters	Roadways

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.



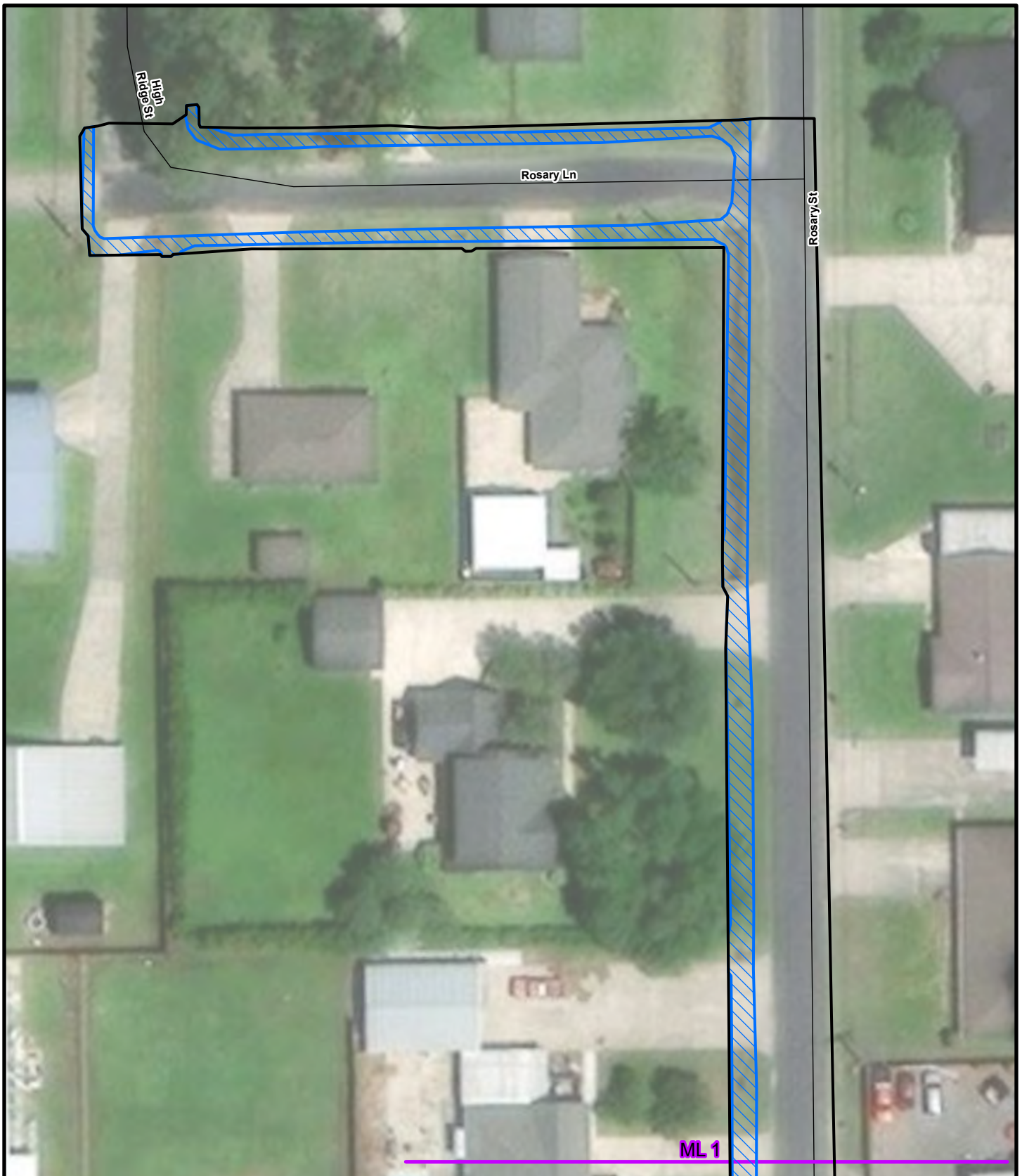


Figure 2.1: Existing Conditions

## Rosary St. Drainage Improvements

**Legend:**

- Site Outline
- Proposed Other Waters
- Matchline
- Roadways

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.

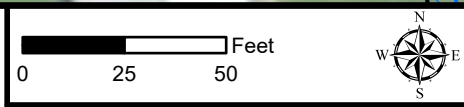
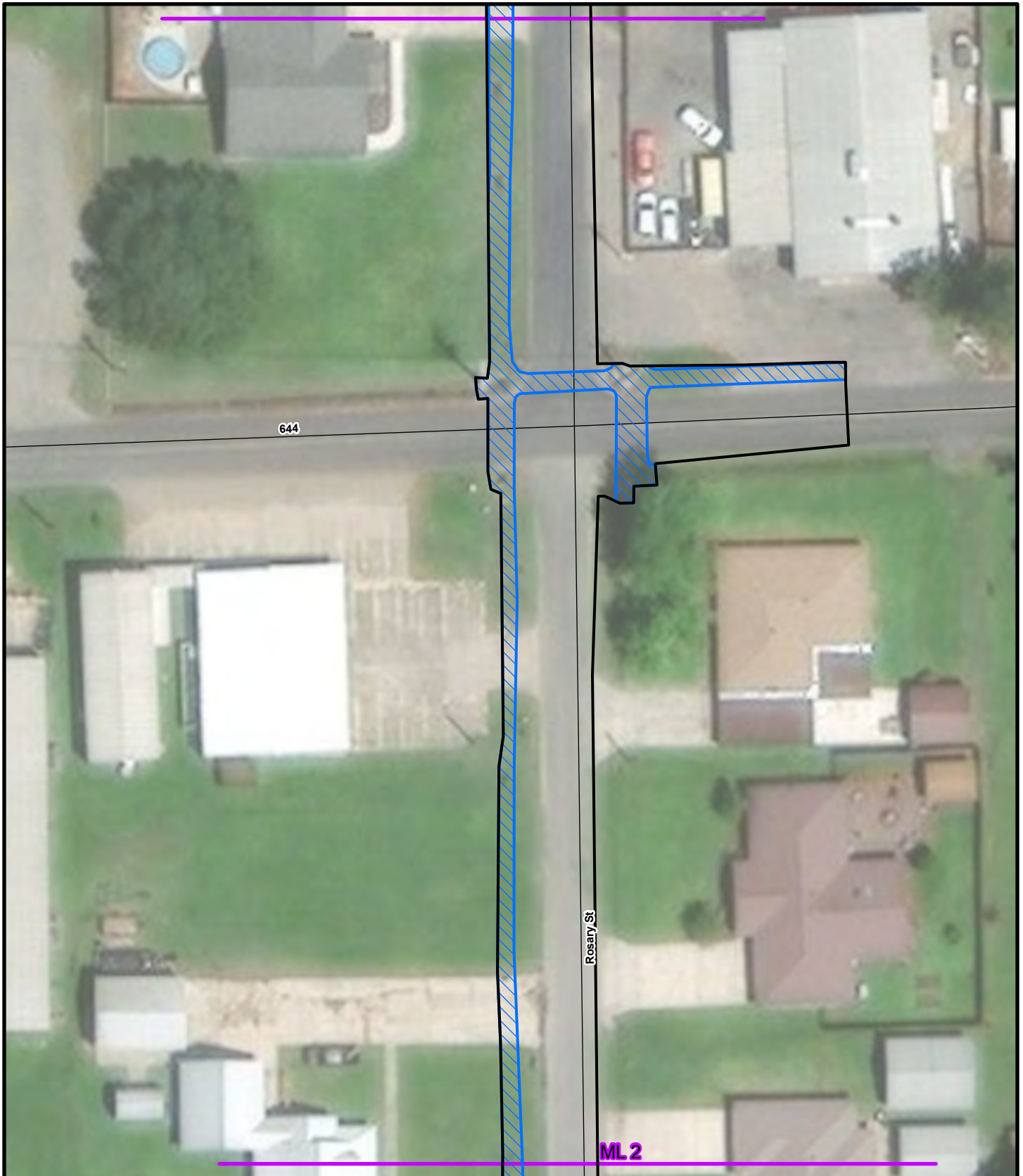


Figure 2.2: Existing Conditions  
**Rosary St. Drainage Improvements**

**Legend:**

Site Outline	Matchline
Proposed Other Waters	Roadways

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.



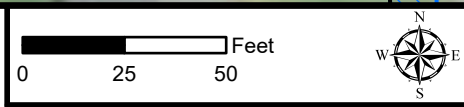
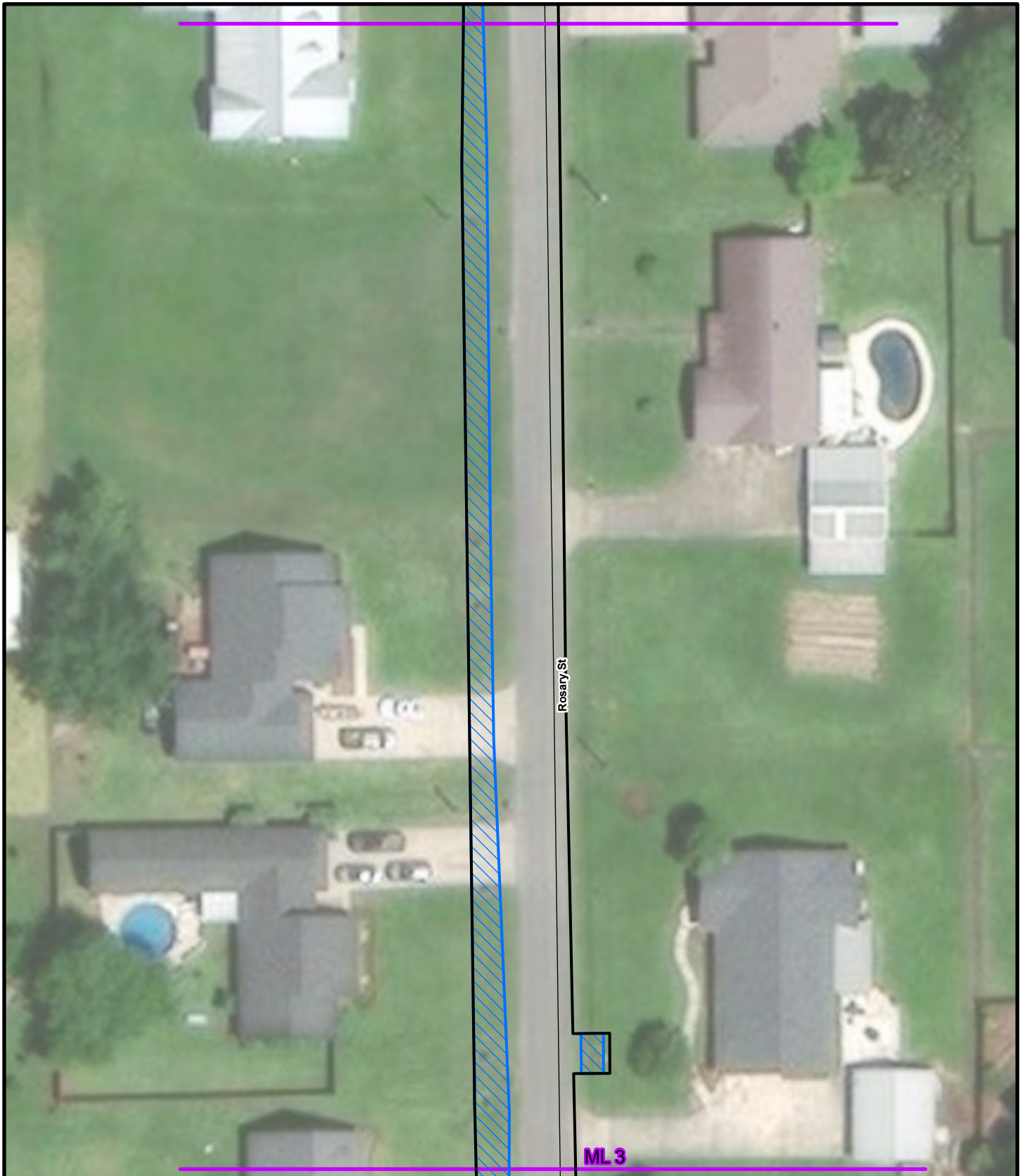
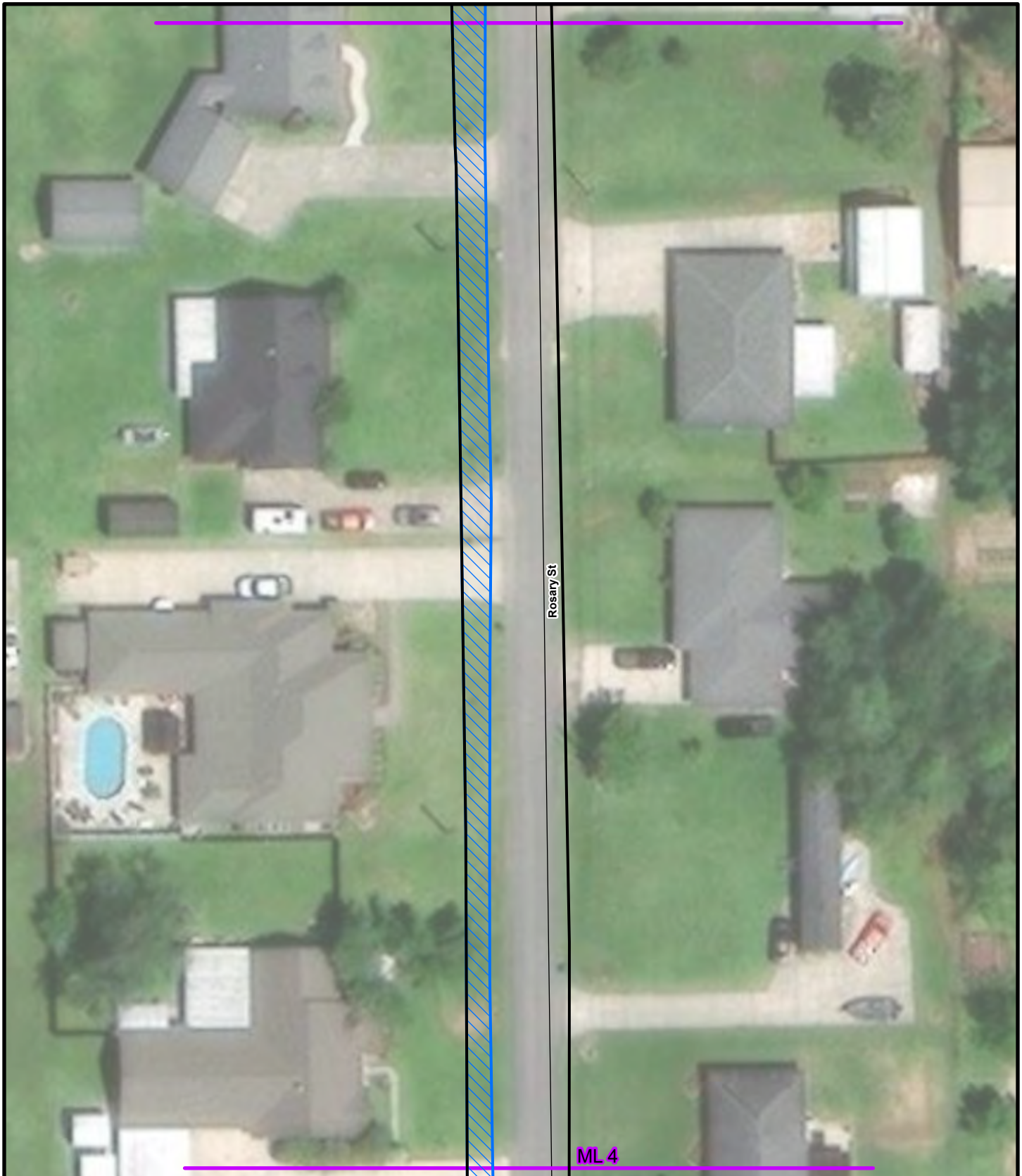


Figure 2.3: Existing Conditions  
**Rosary St. Drainage Improvements**

**Legend:**

Site Outline	Matchline
Proposed Other Waters	Roadways

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.



Rosary St

ML 4

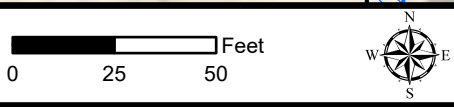


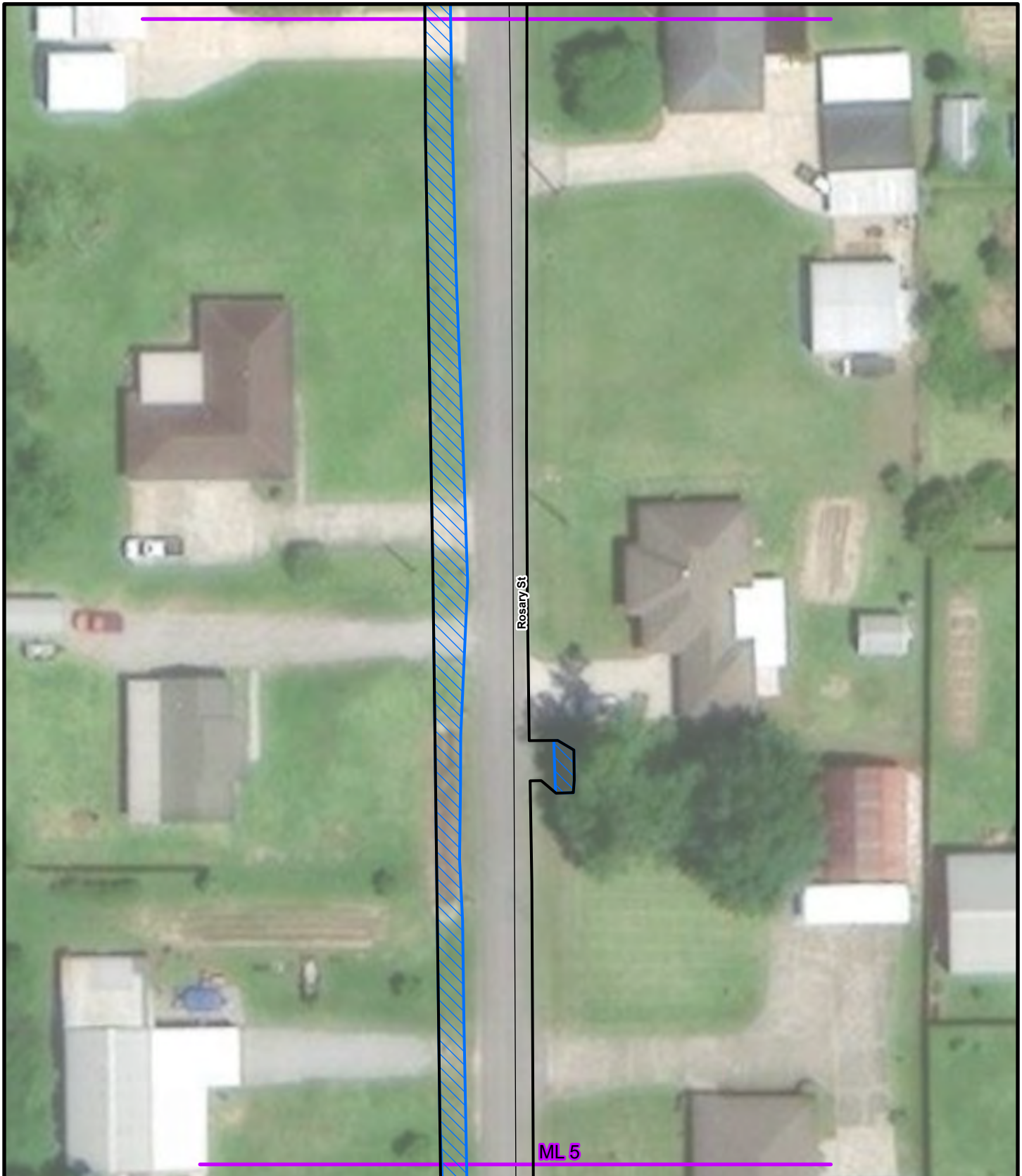
Figure 2.4: Existing Conditions

### Rosary St. Drainage Improvements

Legend:	
	Site Outline
	Matchline
	Proposed Other Waters
	Roadways

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.





Rosary St

ML 5

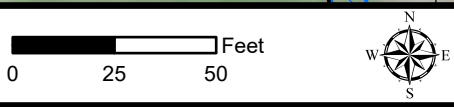




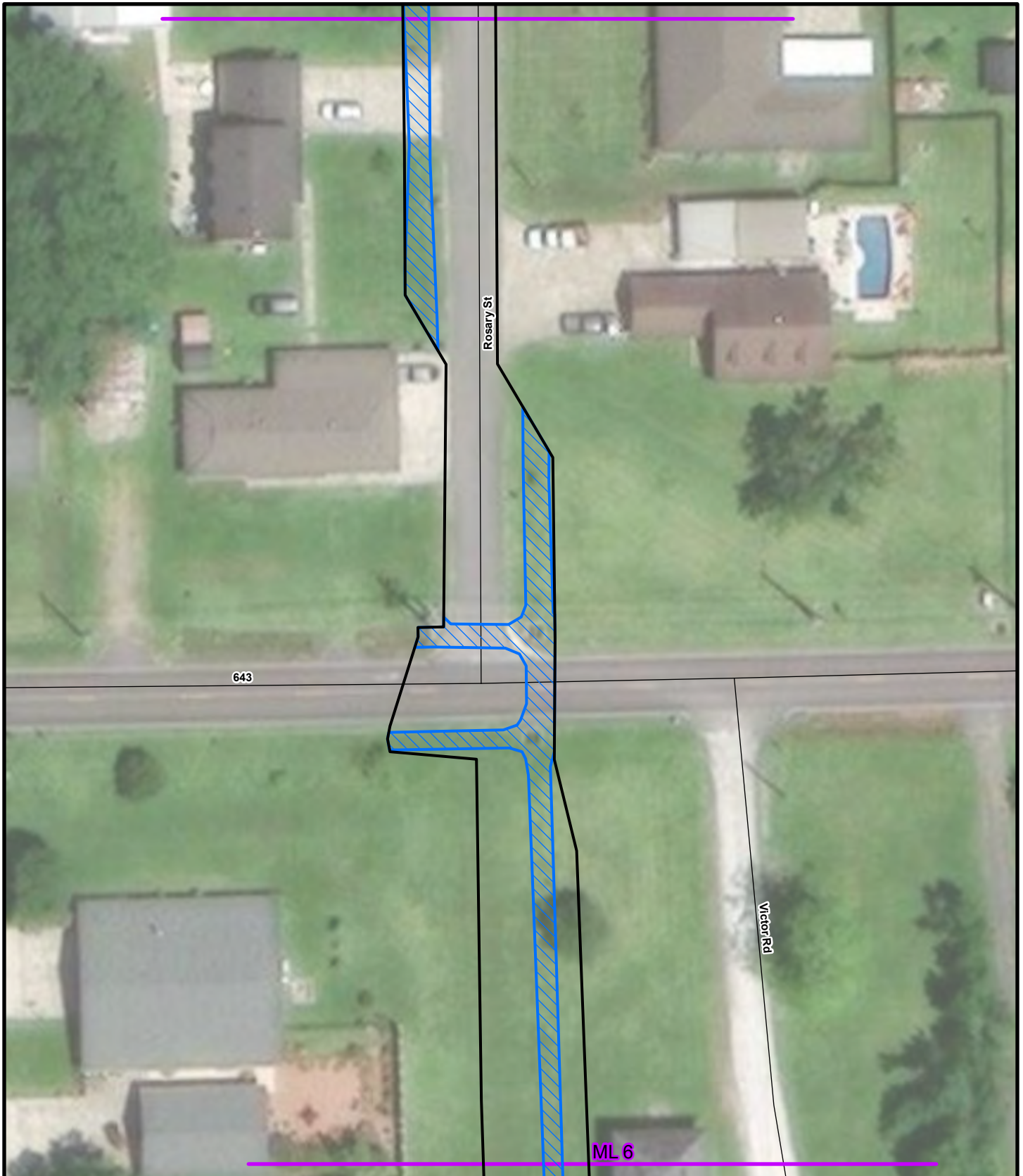


Figure 2.5: Existing Conditions  
**Rosary St. Drainage Improvements**

Legend:	
	Site Outline
	Matchline
	Proposed Other Waters
	Roadways

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.



0 25 50 Feet

**Figure 2.6: Existing Conditions**

**Rosary St. Drainage Improvements**

**Legend:**

Site Outline	Matchline
Proposed Other Waters	Roadways

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.



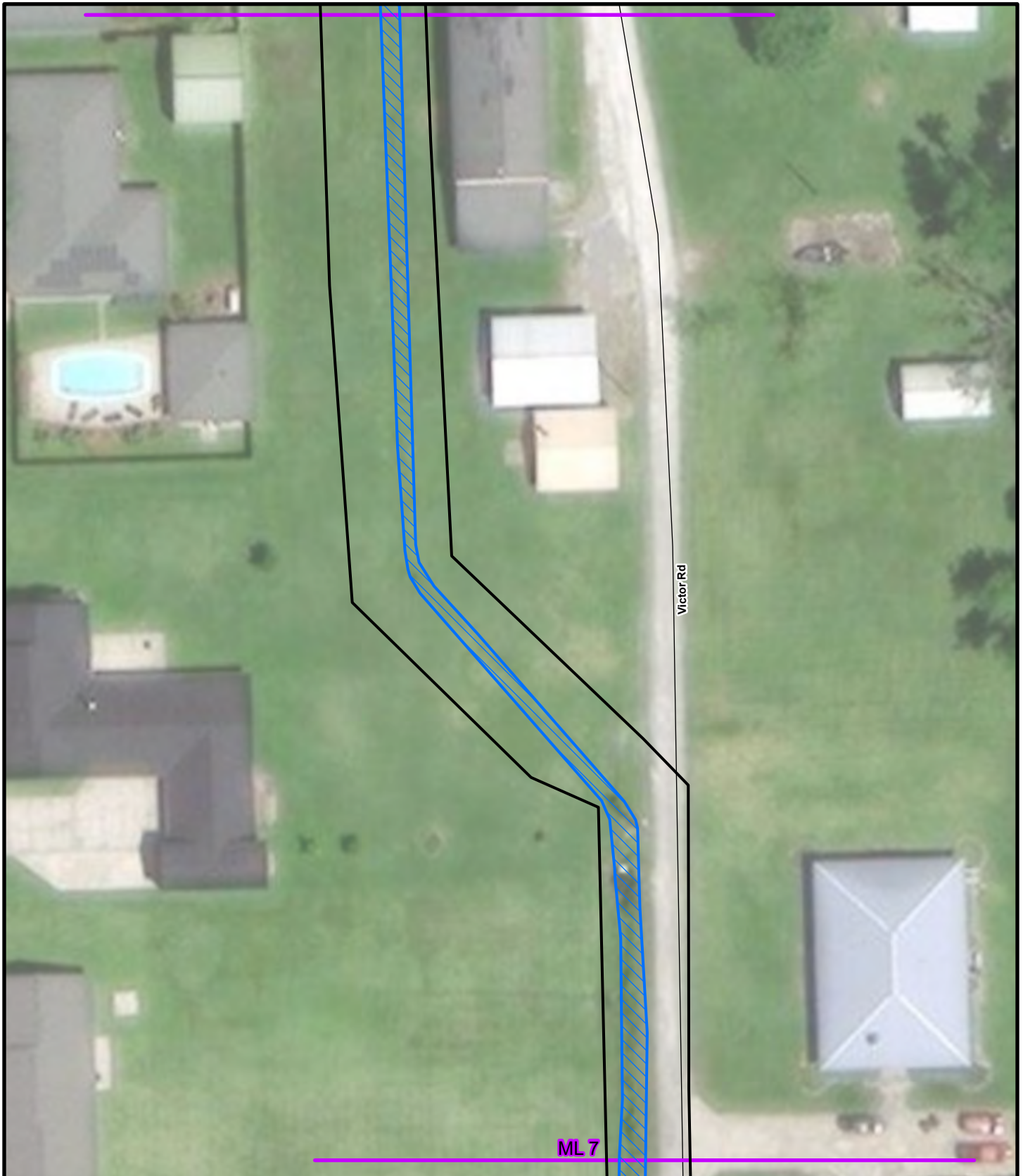


Figure 2.7: Existing Conditions

**Rosary St. Drainage Improvements**

**Legend:**

Site Outline	Matchline
Proposed Other Waters	Roadways

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.

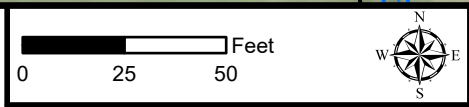


Figure 2.8: Existing Conditions

## Rosary St. Drainage Improvements

**Legend:**

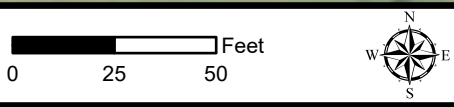
Site Outline	Matchline
Proposed Other Waters	Roadways

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.





ML 8






<b>Legend:</b>	
	Site Outline
	Matchline
	Proposed Other Waters

Figure 2.9: Existing Conditions

## Rosary St. Drainage Improvements

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.



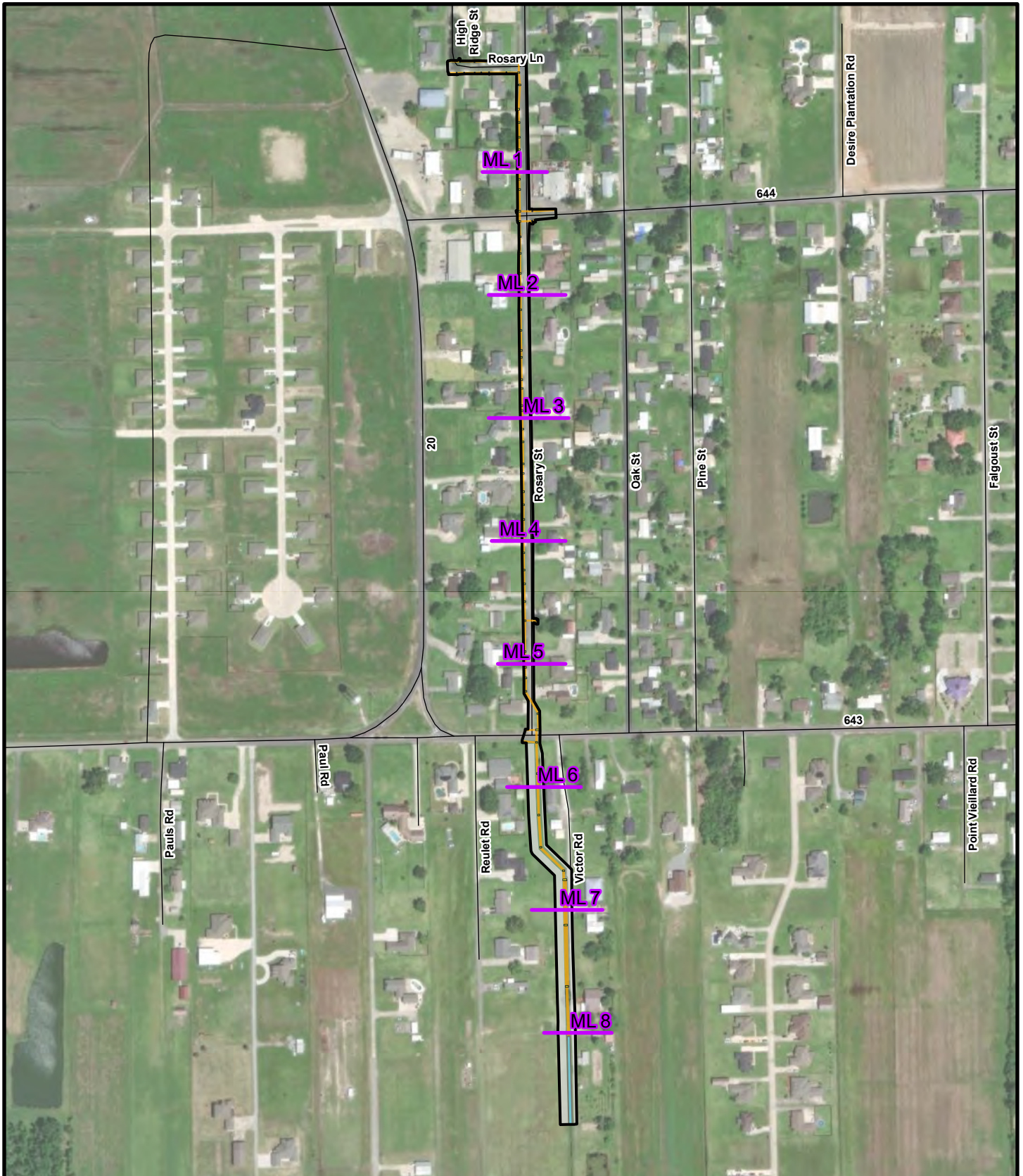


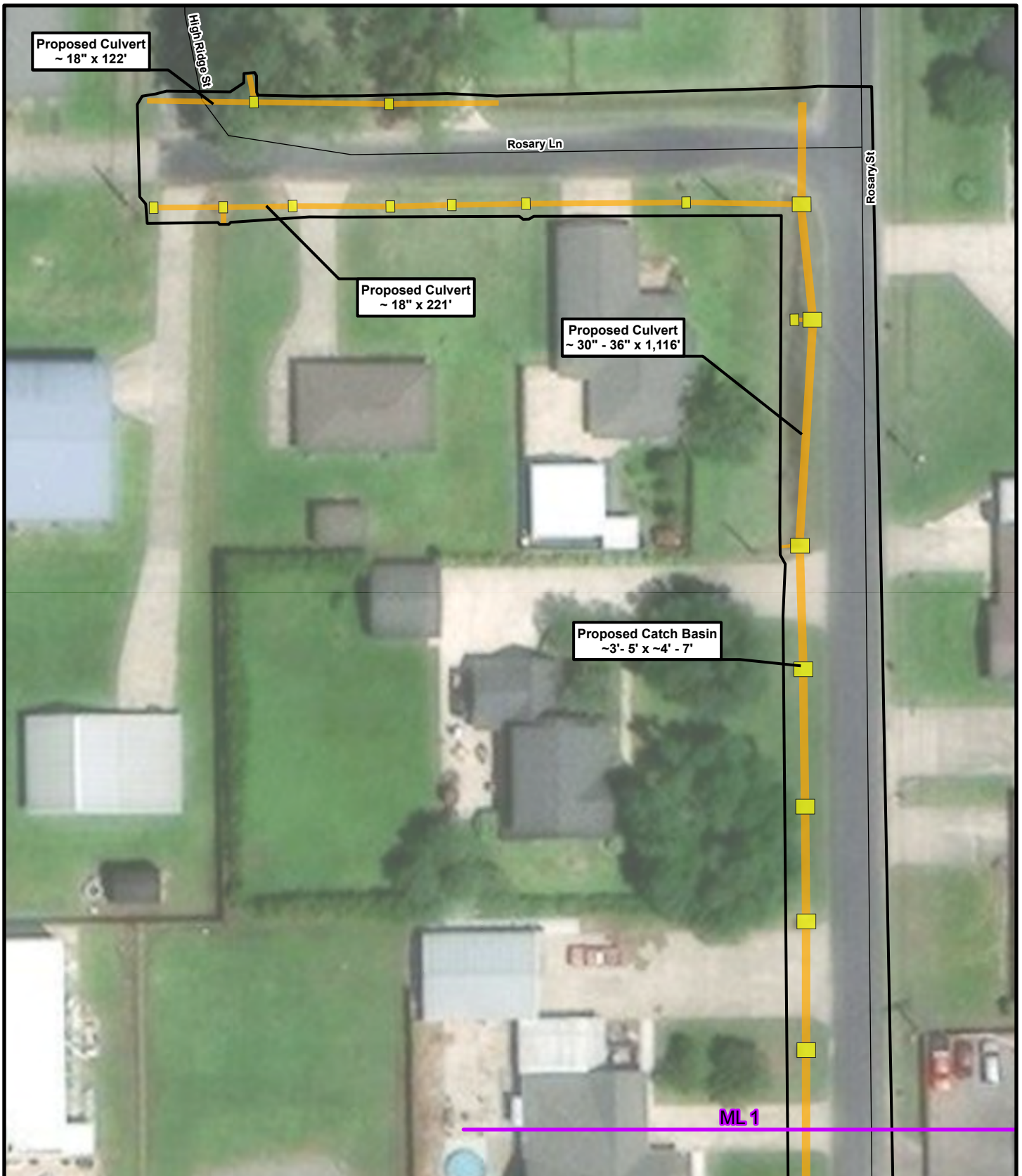
Figure 3.0: Plan View  
**Rosary St. Drainage Improvements**

**Legend:**

Site Outline	Temporary Work Area
Culvert	Matchline
Catch Basin	Roadways
Ditch Widening	

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.





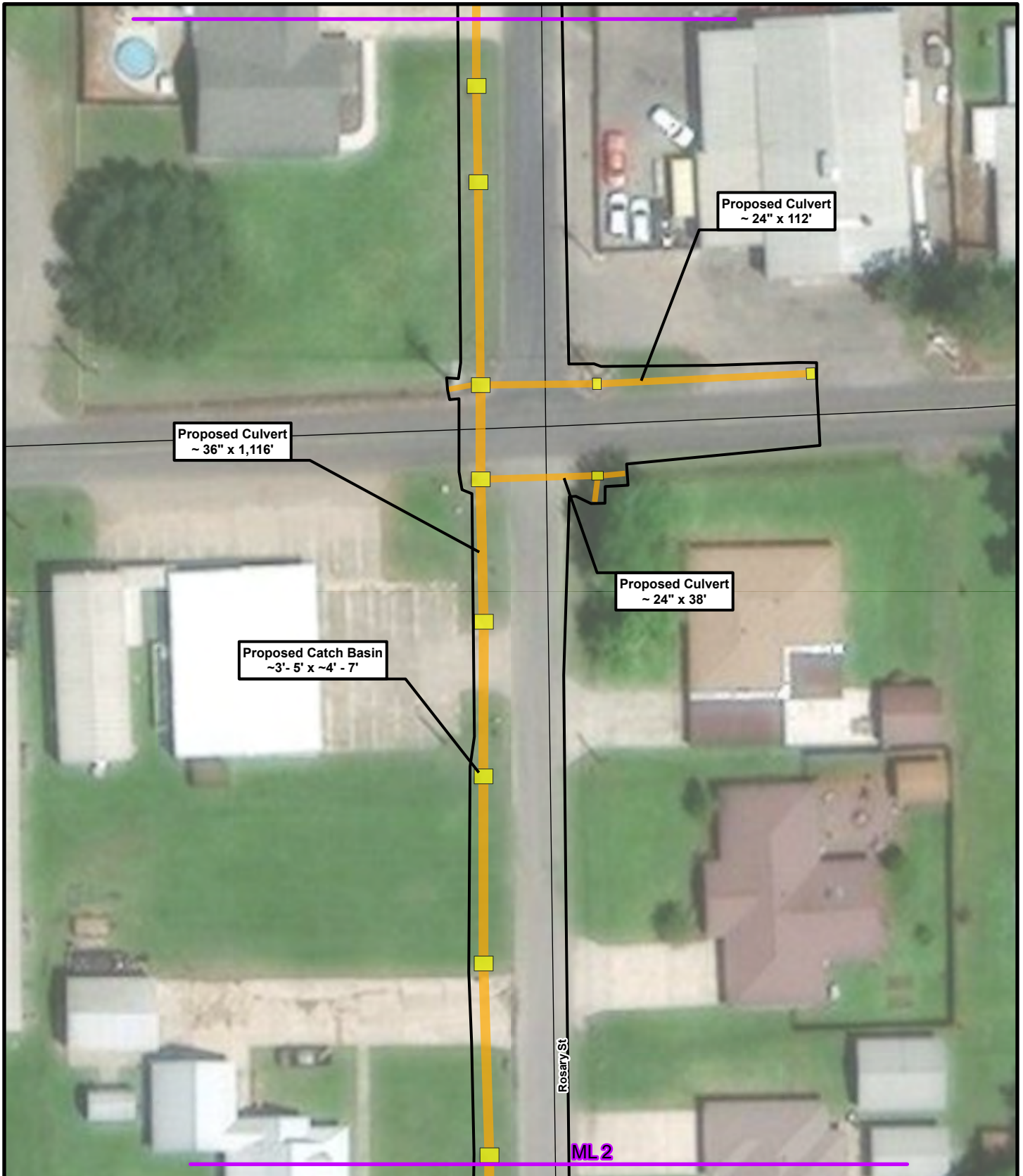
0 25 50 Feet

**Figure 3.1: Plan View**  
**Rosary St. Drainage Improvements**

**Legend:**

- Site Outline
- Culvert
- Catch Basin
- Matchline
- Roadways

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.



0 25 50 Feet

Figure 3.2: Plan View

**Rosary St. Drainage Improvements**

**Legend:**

- Site Outline
- Culvert
- Catch Basin
- Matchline
- Roadways

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.



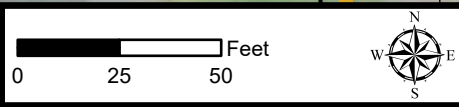
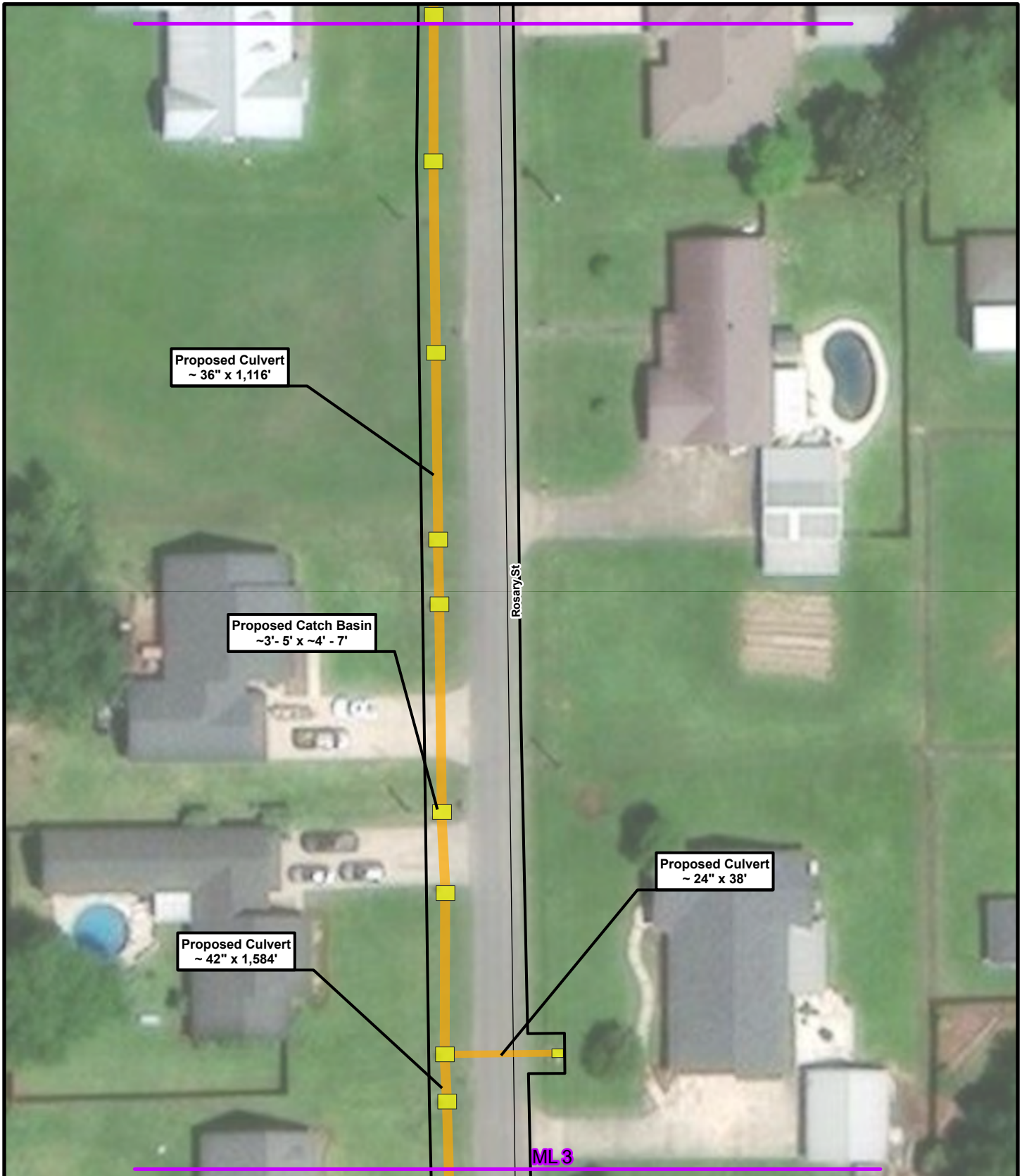


Figure 3.3: Plan View  
**Rosary St. Drainage Improvements**

**Legend:**

Site Outline	Matchline
Culvert	Roadways
Catch Basin	

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.

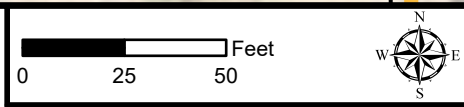
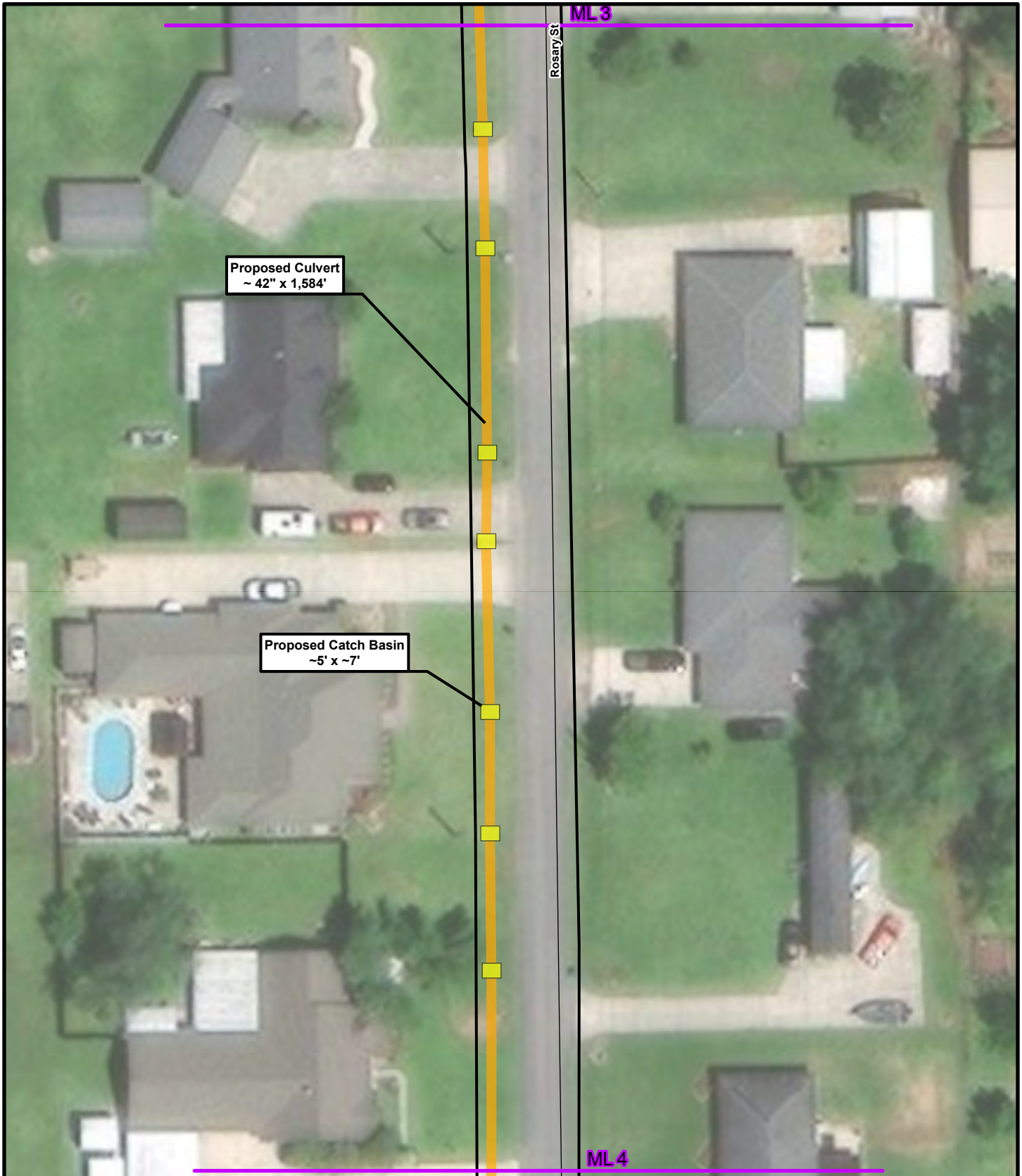


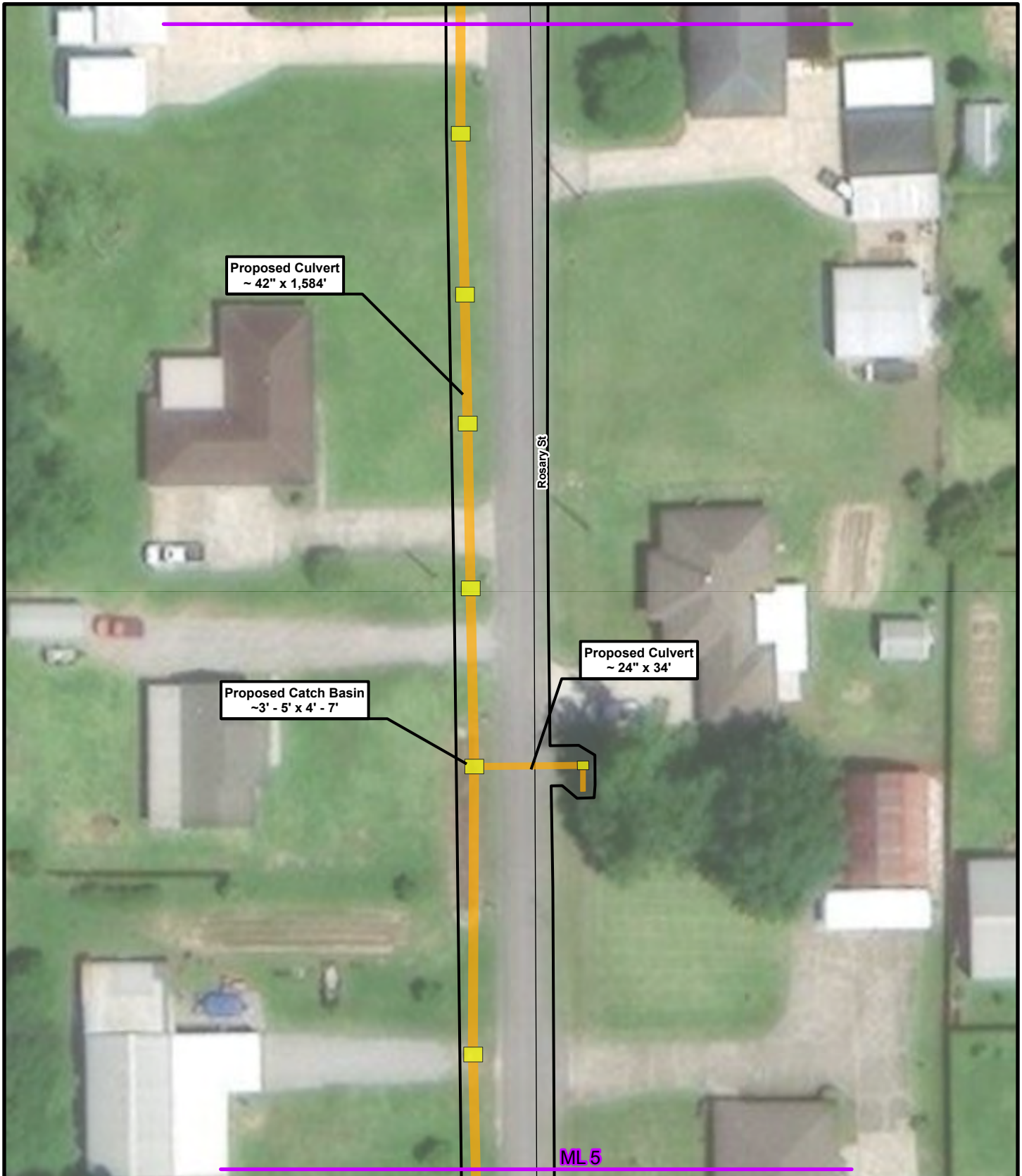
Figure 3.4: Plan View  
**Rosary St. Drainage Improvements**

**Legend:**

Site Outline	Matchline
Culvert	Roadways
Catch Basin	

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.





0 25 50 Feet

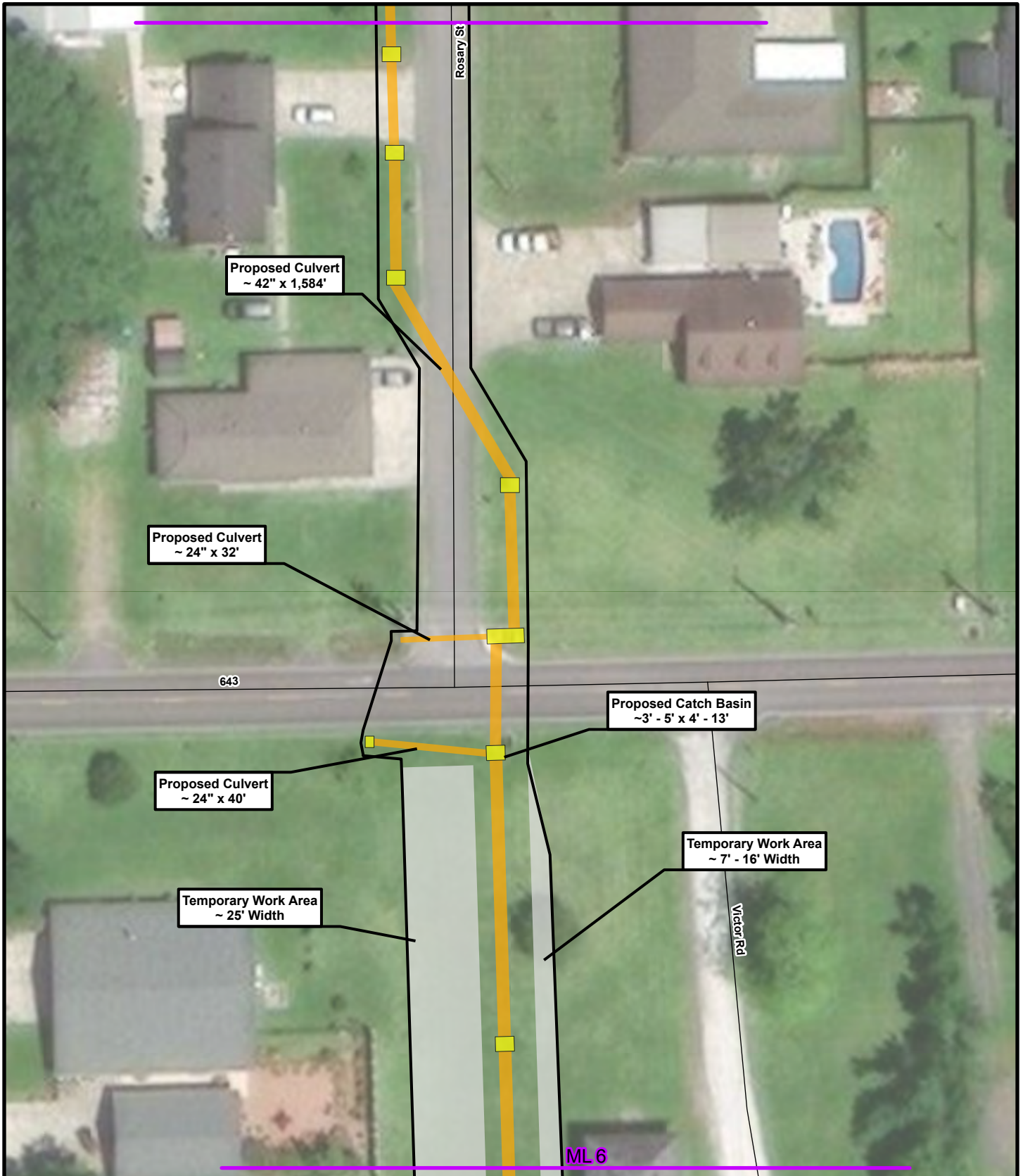
Figure 3.5: Plan View

**Rosary St. Drainage Improvements**

**Legend:**

- Site Outline
- Culvert
- Catch Basin
- Matchline
- Roadways

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.



0 25 50 Feet

Figure 3.6: Plan View

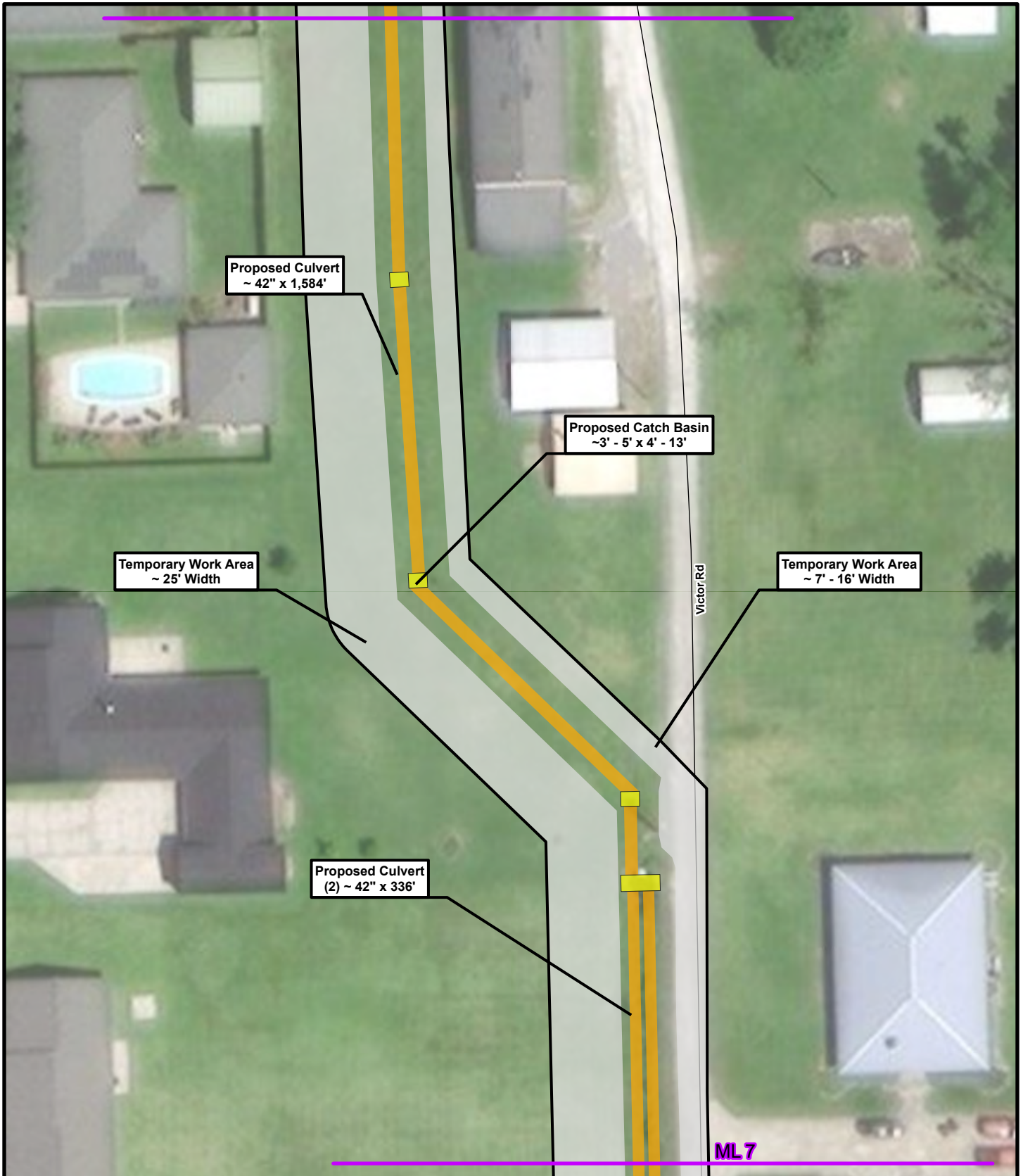
**Rosary St. Drainage Improvements**

**Legend:**


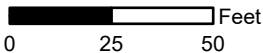





- Site Outline
- Culvert
- Catch Basin
- Temporary Work Area
- Matchline
- Roadways

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.

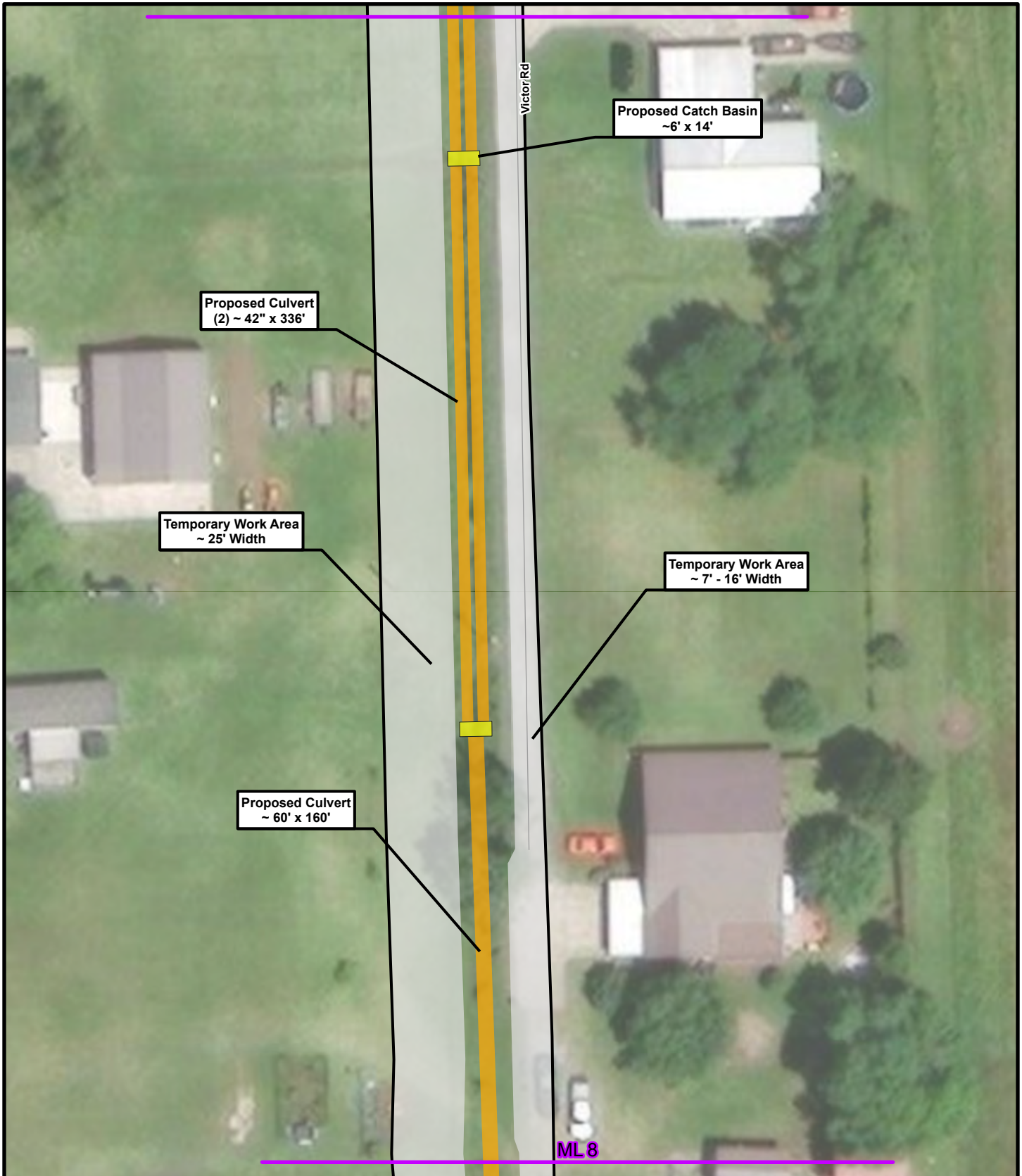




ML 7

			<b>Legend:</b>	
	<p>Figure 3.7: Plan View</p> <p><b>Rosary St. Drainage Improvements</b></p>		 Site Outline	 Temporary Work Area
	<p><b>Rosary St. Drainage Improvements</b></p>		 Culvert	 Matchline

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.



ML 8

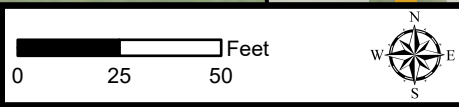


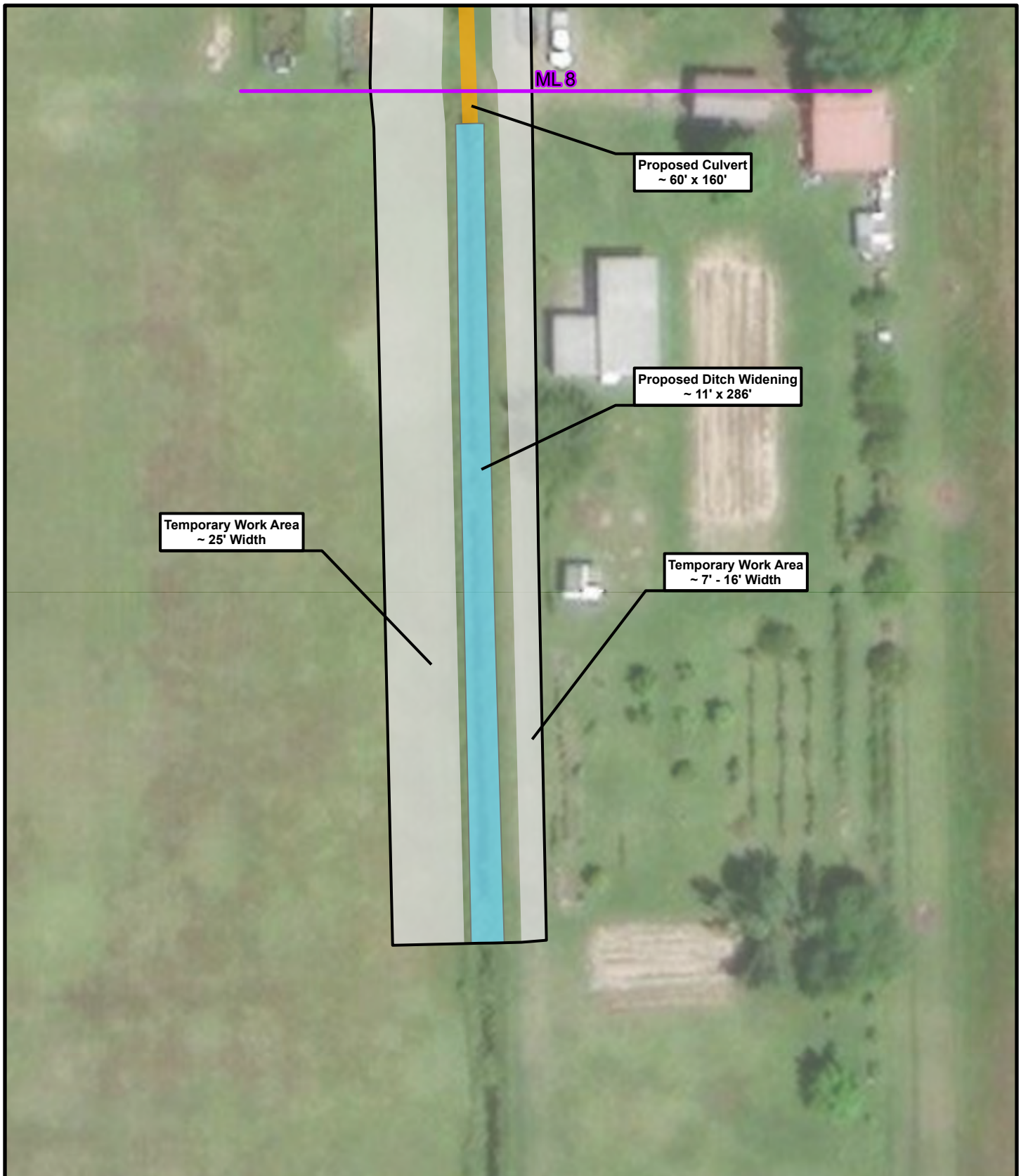
Figure 3.8: Plan View  
**Rosary St. Drainage Improvements**


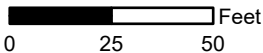






**Legend:**

Site Outline	Temporary Work Area
Culvert	Matchline
Catch Basin	Roadways

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.





			<b>Legend:</b>		
	<p>Figure 3.9: Plan View</p> <p><b>Rosary St. Drainage Improvements</b></p>	 Site Outline	 Temporary Work Area	 Culvert	 Matchline
			 Ditch Widening	<p>This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.</p>	



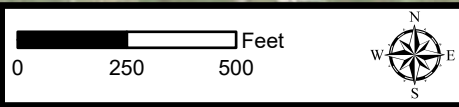
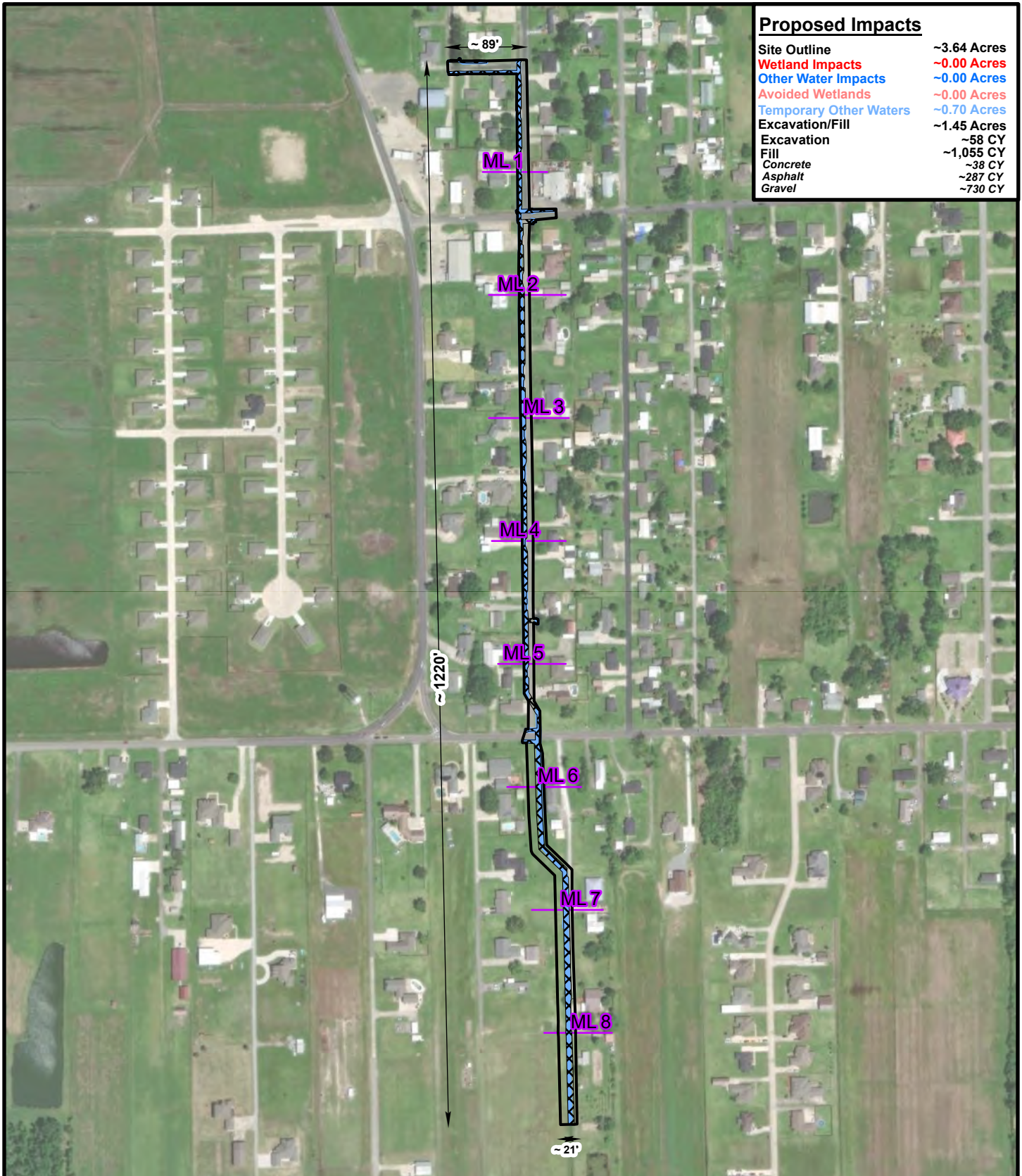


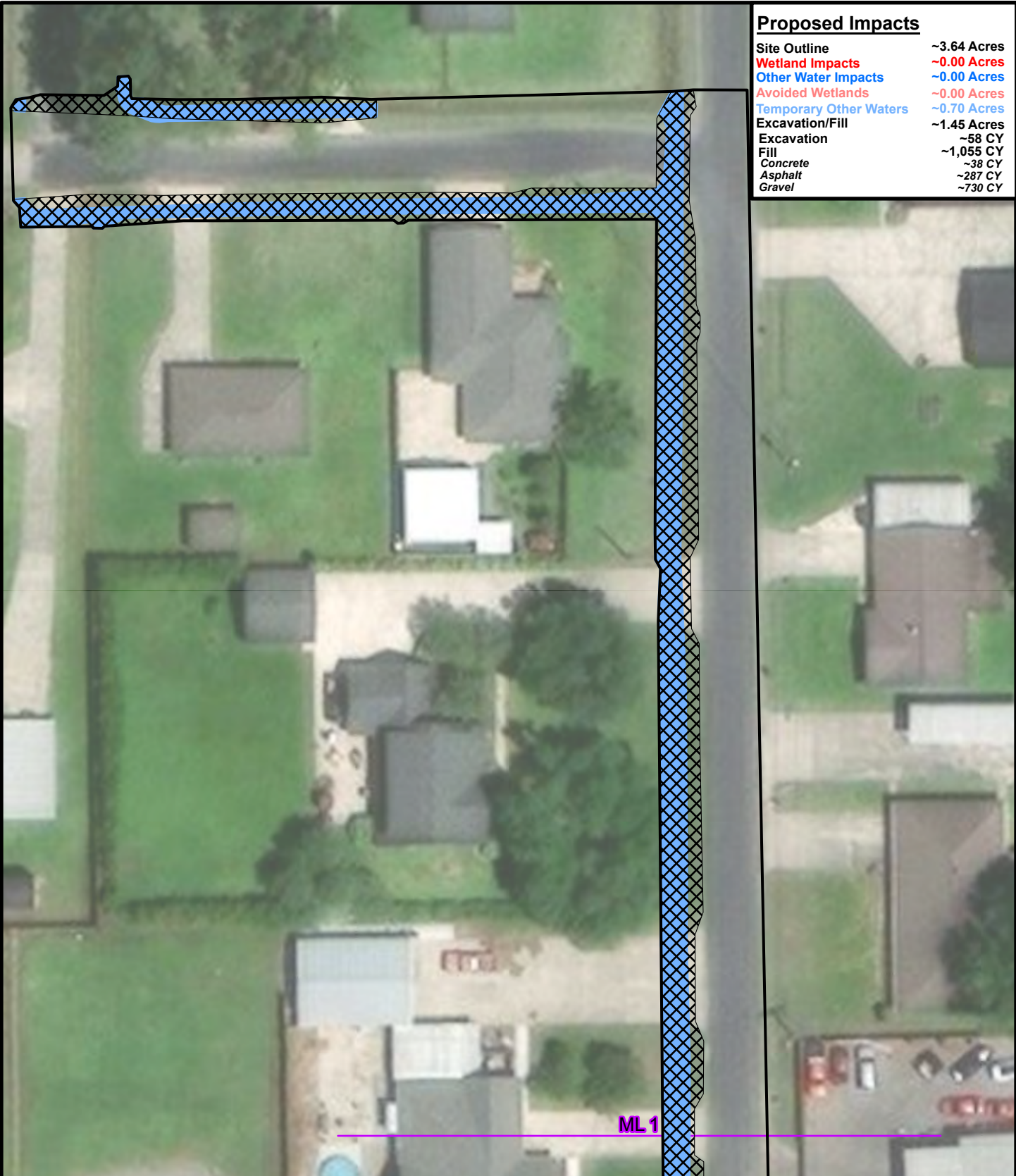
Figure 4.0: Proposed Impacts  
**Rosary St. Drainage Improvements**

**Legend:**

Site Outline	Excavation/Fill
Temporary Other Waters Impacts	Matchline

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.





**Proposed Impacts**

Site Outline	~3.64 Acres
Wetland Impacts	~0.00 Acres
Other Water Impacts	~0.00 Acres
Avoided Wetlands	~0.00 Acres
Temporary Other Waters	~0.70 Acres
Excavation/Fill	~1.45 Acres
Excavation	~58 CY
Fill	~1,055 CY
Concrete	~38 CY
Asphalt	~287 CY
Gravel	~730 CY

ML 1

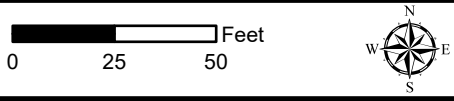


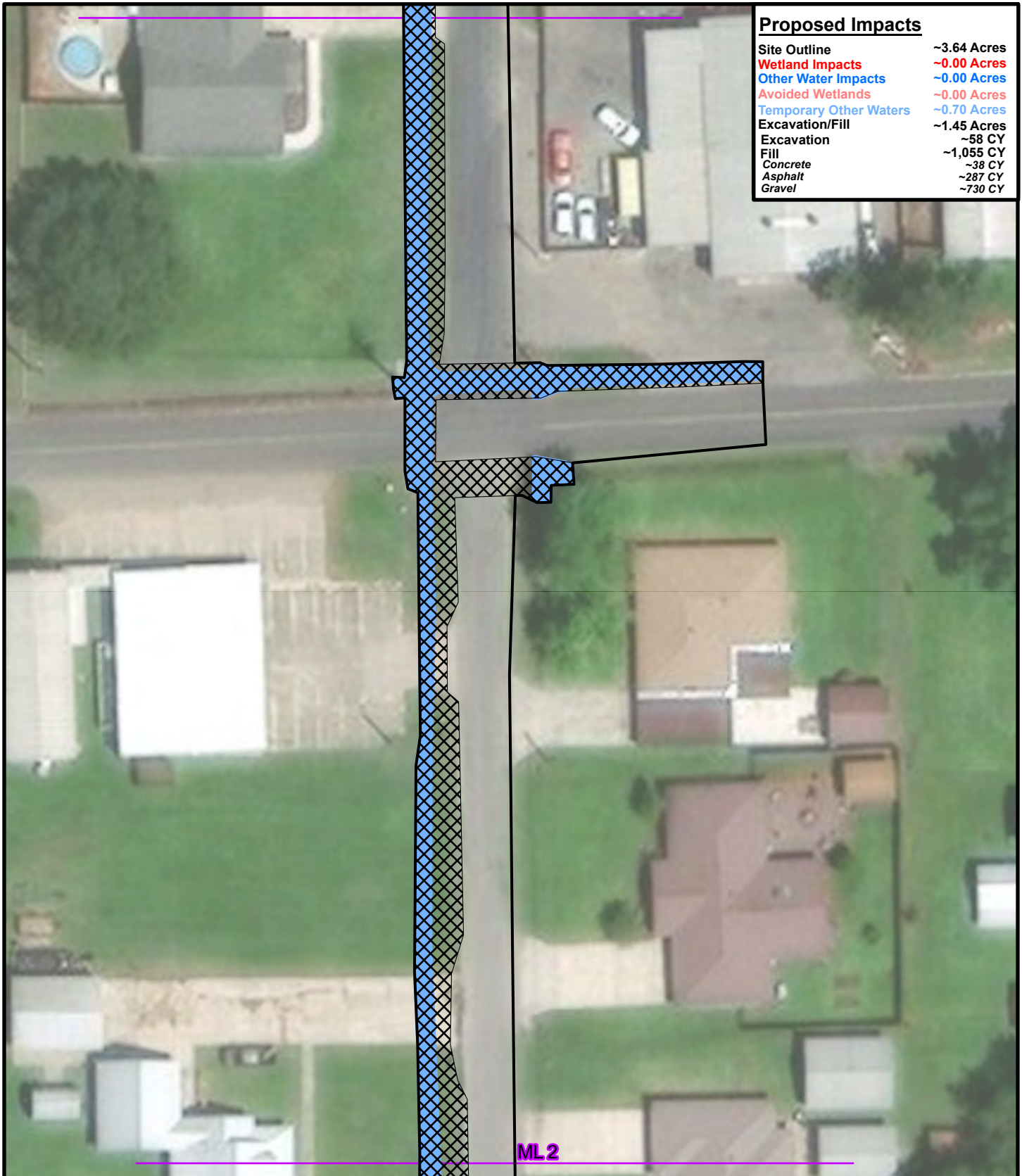
Figure 4.1: Proposed Impacts

**Rosary St. Drainage Improvements**

**Legend:**

Site Outline	Excavation/Fill
Temporary Other Waters Impacts	Matchline

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.



Proposed Impacts	
Site Outline	~3.64 Acres
Wetland Impacts	~0.00 Acres
Other Water Impacts	~0.00 Acres
Avoided Wetlands	~0.00 Acres
Temporary Other Waters	~0.70 Acres
Excavation/Fill	~1.45 Acres
Excavation	~58 CY
Fill	~1,055 CY
Concrete	~38 CY
Asphalt	~287 CY
Gravel	~730 CY

ML2

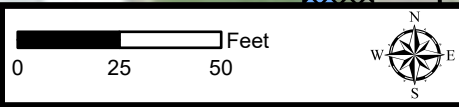
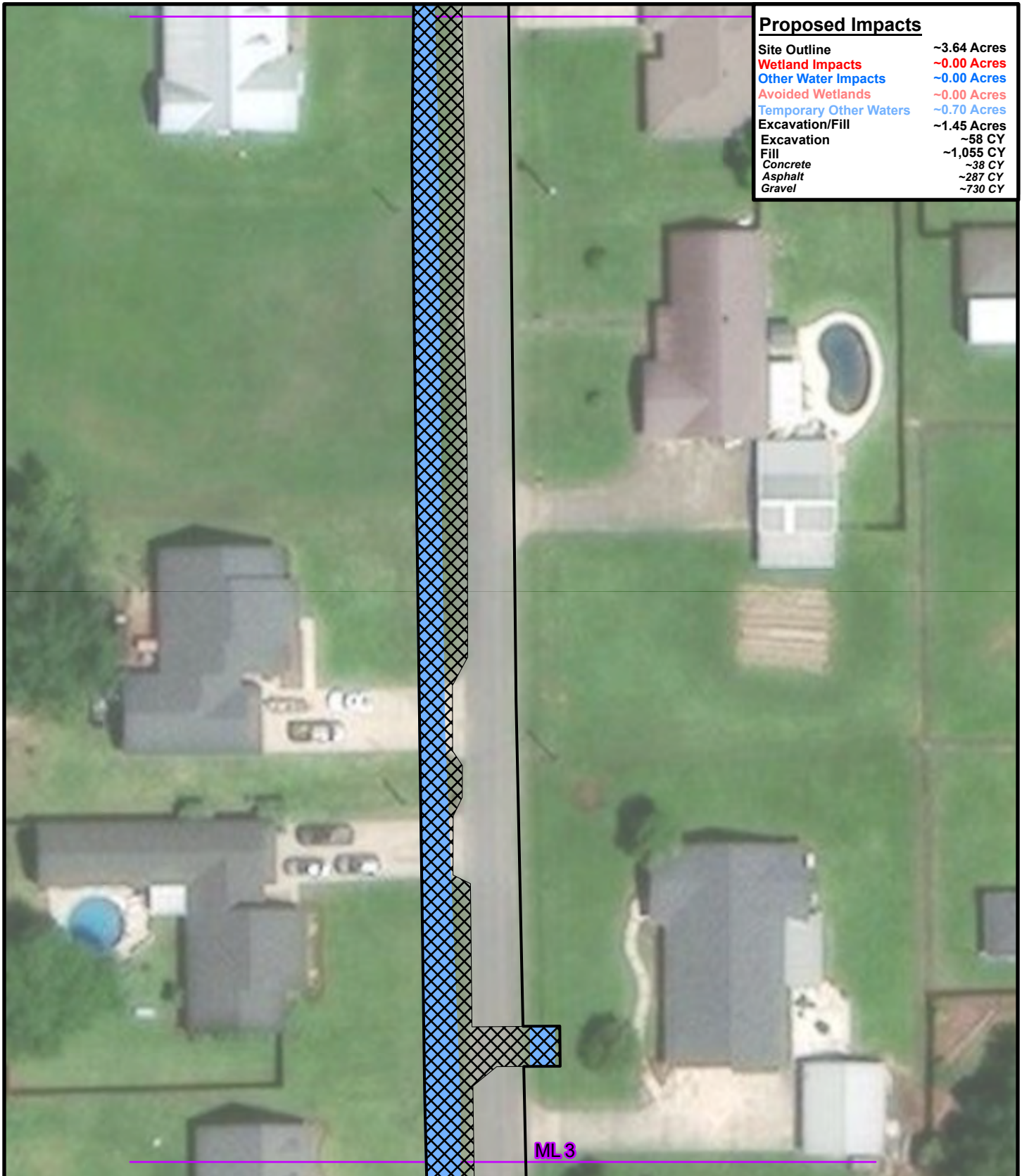


Figure 4.2: Proposed Impacts  
**Rosary St. Drainage Improvements**

Legend:	
	Site Outline
	Temporary Other Waters Impacts
	Excavation/Fill
	Matchline

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.





Proposed Impacts	
Site Outline	~3.64 Acres
Wetland Impacts	~0.00 Acres
Other Water Impacts	~0.00 Acres
Avoided Wetlands	~0.00 Acres
Temporary Other Waters	~0.70 Acres
Excavation/Fill	~1.45 Acres
Excavation	~58 CY
Fill	~1,055 CY
Concrete	~38 CY
Asphalt	~287 CY
Gravel	~730 CY

ML 3

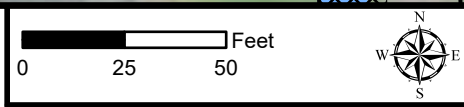
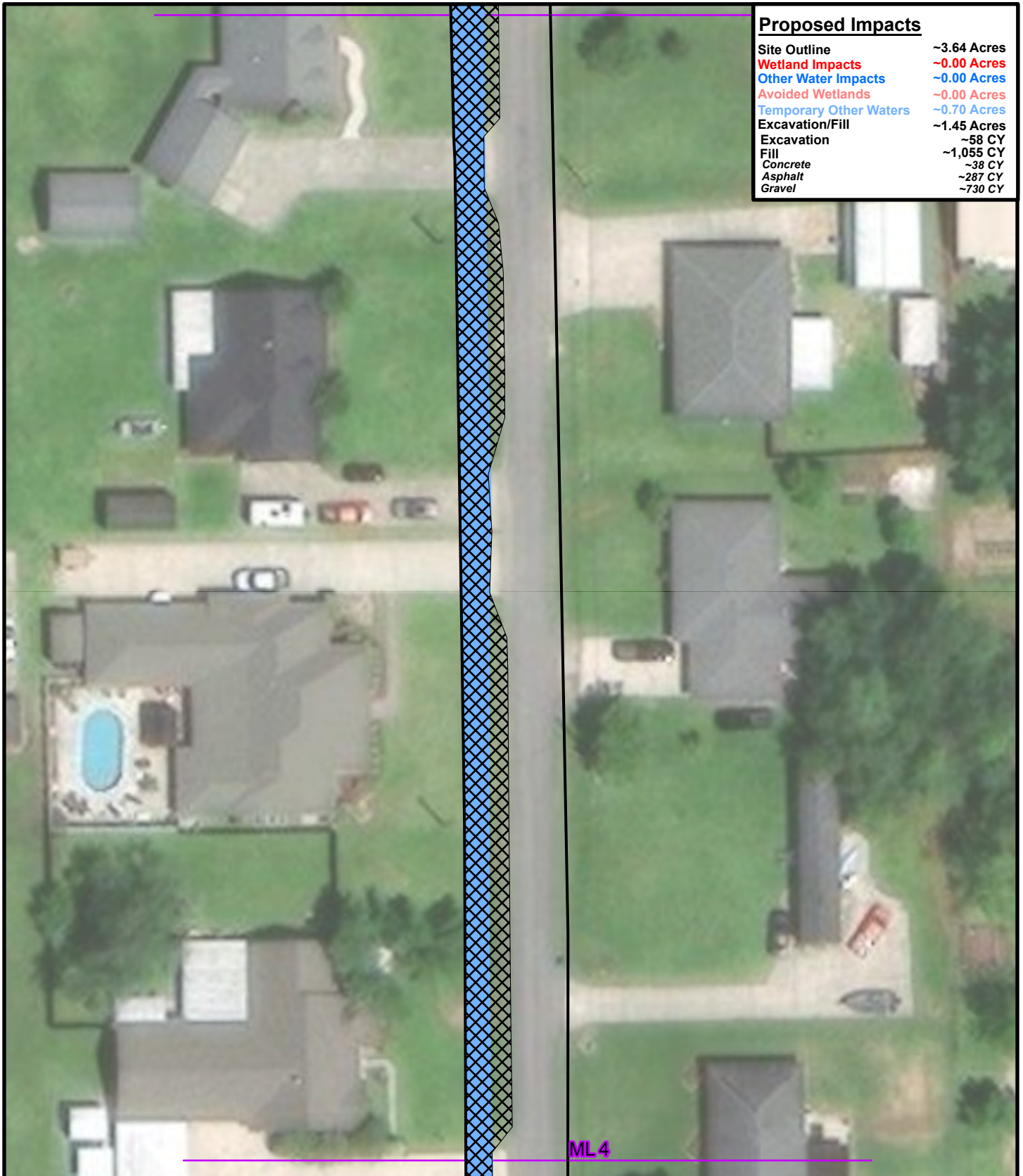


Figure 4.3: Proposed Impacts  
**Rosary St. Drainage Improvements**

Legend:	
	Site Outline
	Temporary Other Waters Impacts
	Excavation/Fill
	Matchline

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.

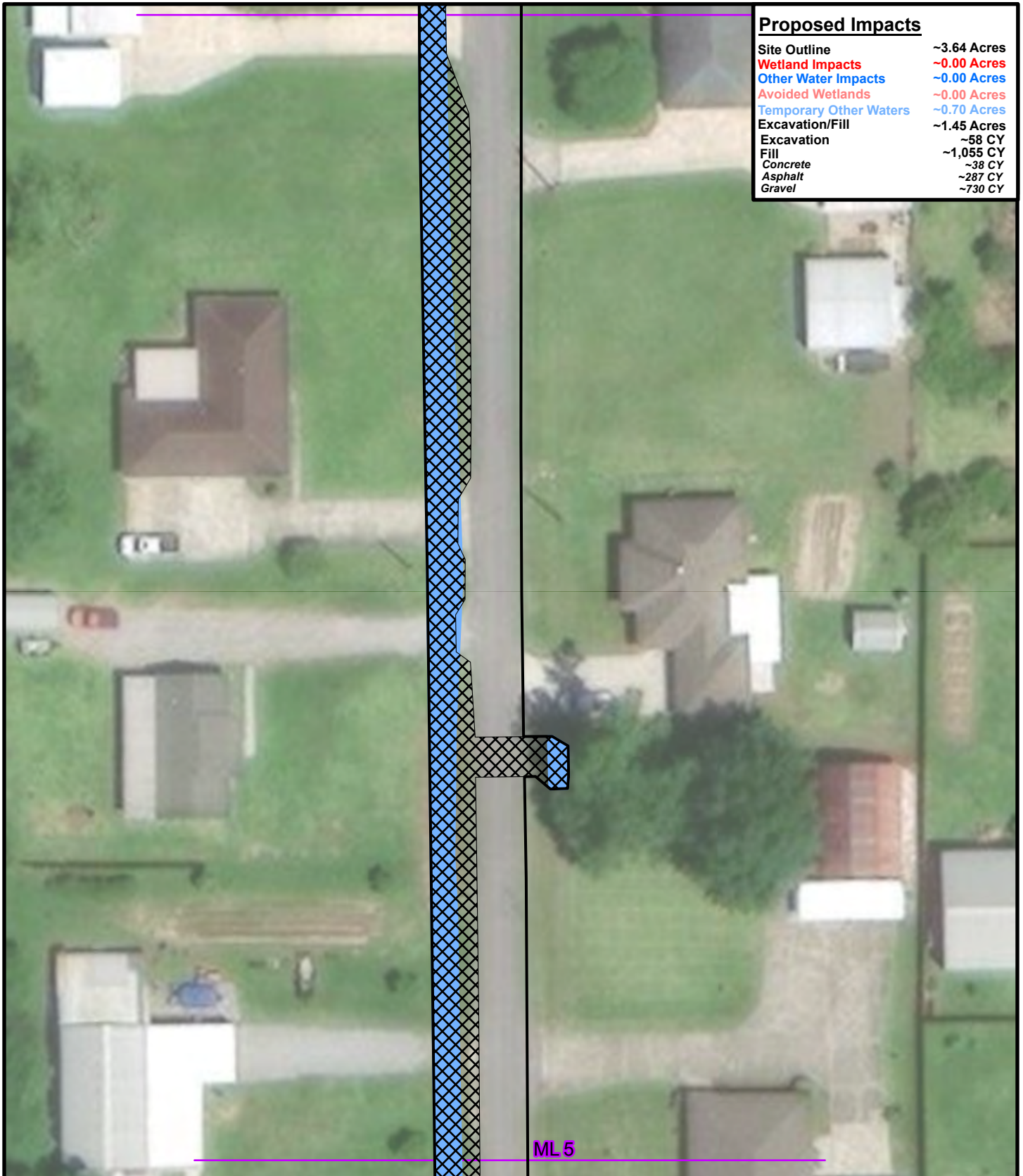


Proposed Impacts	
Site Outline	~3.64 Acres
Wetland Impacts	~0.00 Acres
Other Water Impacts	~0.00 Acres
Avoided Wetlands	~0.00 Acres
Temporary Other Waters	~0.70 Acres
Excavation/Fill	~1.45 Acres
Excavation	~58 CY
Fill	~1,055 CY
Concrete	~38 CY
Asphalt	~287 CY
Gravel	~730 CY

ML 4

			<b>Legend:</b> Site Outline	Excavation/Fill
	<b>Figure 4.4: Proposed Impacts</b> <b>Rosary St. Drainage Improvements</b>	Temporary Other Waters Impacts	Matchline	<p>This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.</p>





Proposed Impacts	
Site Outline	~3.64 Acres
Wetland Impacts	~0.00 Acres
Other Water Impacts	~0.00 Acres
Avoided Wetlands	~0.00 Acres
Temporary Other Waters	~0.70 Acres
Excavation/Fill	~1.45 Acres
Excavation	~58 CY
Fill	~1,055 CY
Concrete	~38 CY
Asphalt	~287 CY
Gravel	~730 CY

ML 5

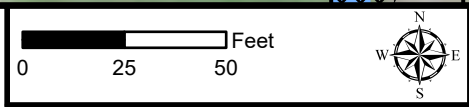
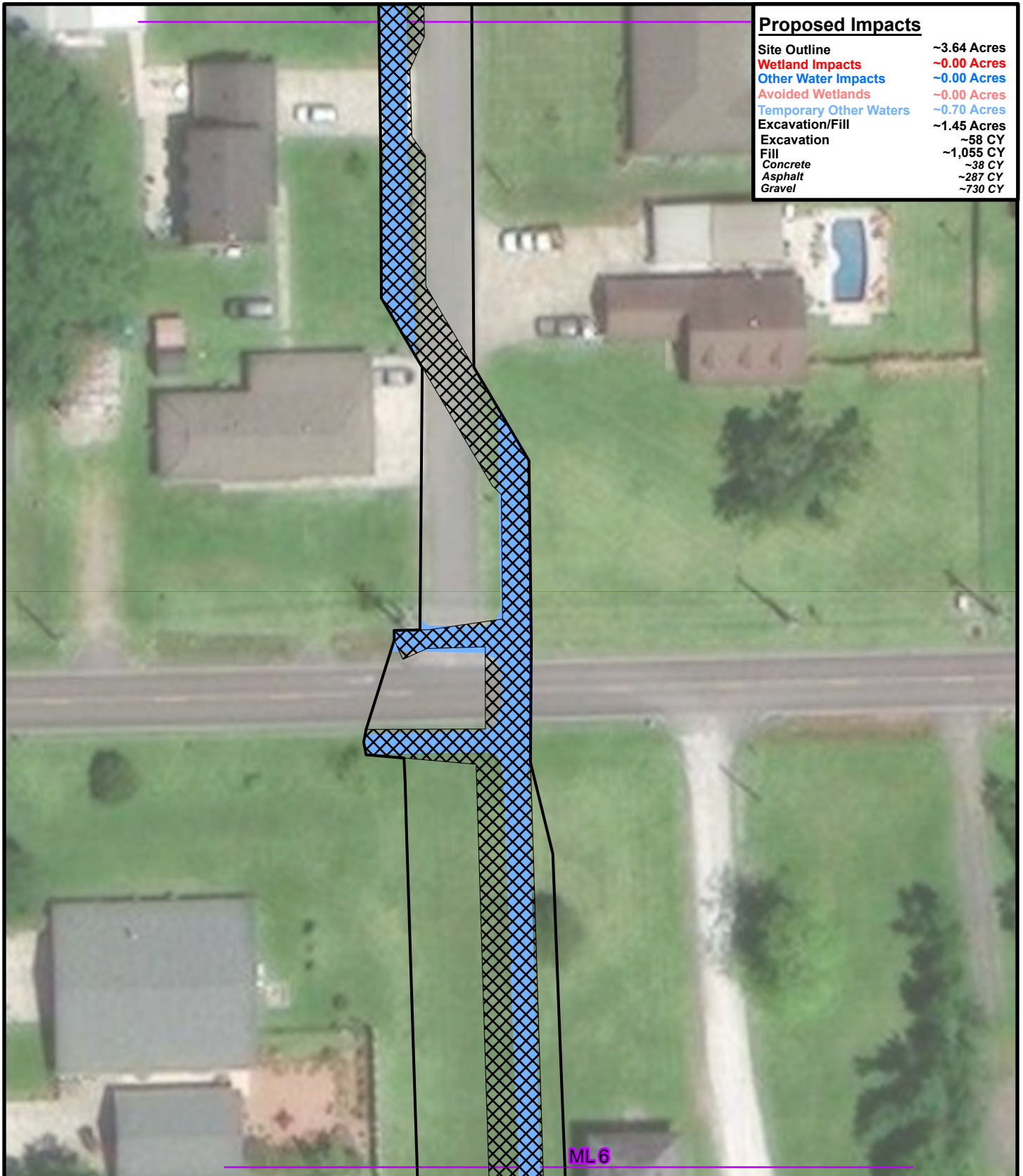


Figure 4.5: Proposed Impacts  
**Rosary St. Drainage Improvements**

Legend:	
	Site Outline
	Temporary Other Waters Impacts
	Excavation/Fill
	Matchline

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.



Proposed Impacts	
Site Outline	~3.64 Acres
Wetland Impacts	~0.00 Acres
Other Water Impacts	~0.00 Acres
Avoided Wetlands	~0.00 Acres
Temporary Other Waters	~0.70 Acres
Excavation/Fill	~1.45 Acres
Excavation	~58 CY
Fill	~1,055 CY
Concrete	~38 CY
Asphalt	~287 CY
Gravel	~730 CY

ML 6

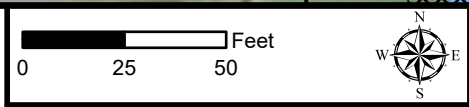


Figure 4.6: Proposed Impacts  
**Rosary St. Drainage Improvements**

Legend:	
	Site Outline
	Temporary Other Waters Impacts
	Excavation/Fill
	Matchline

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.



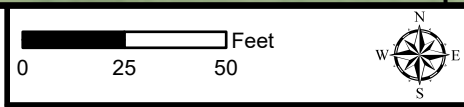
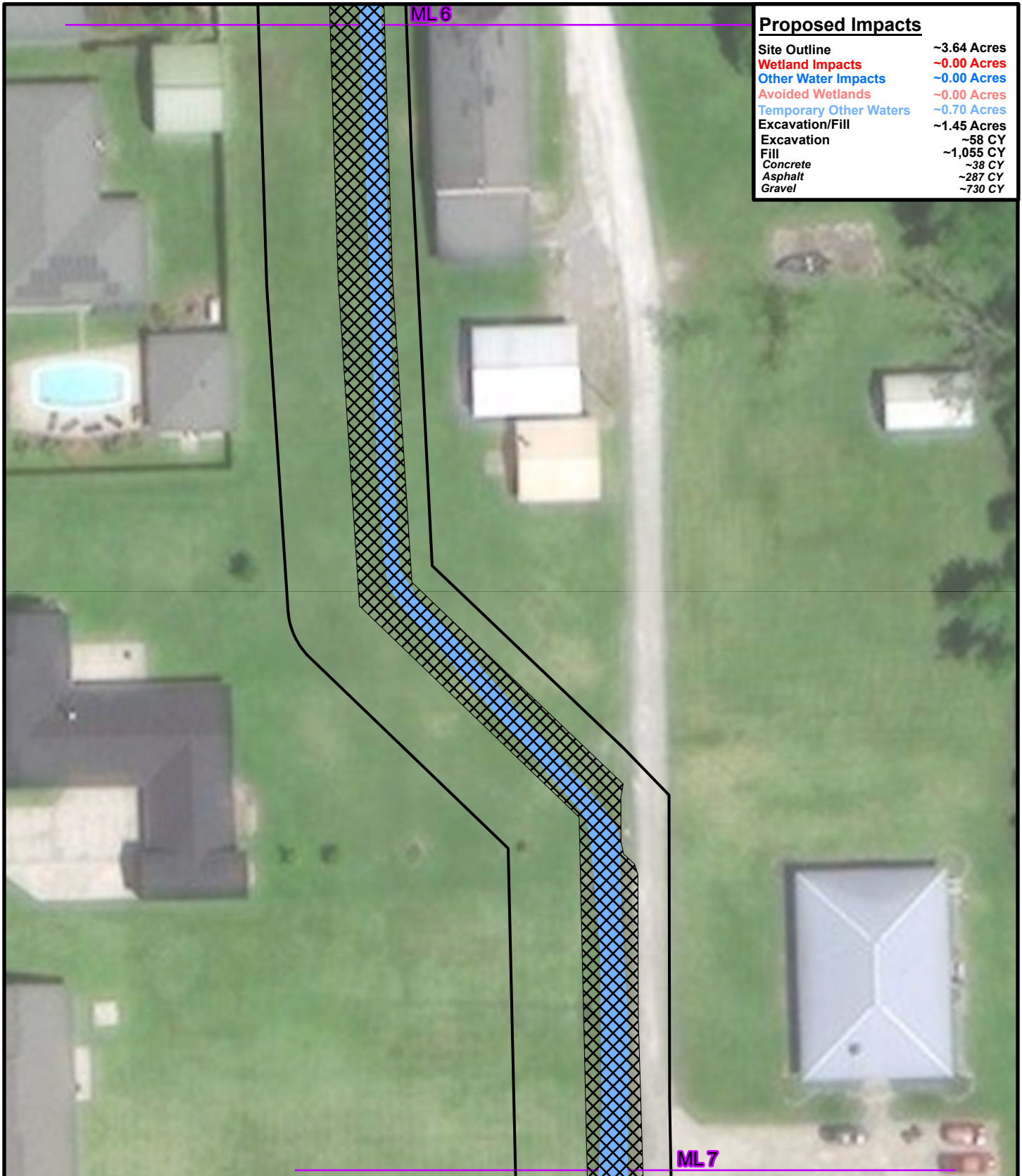
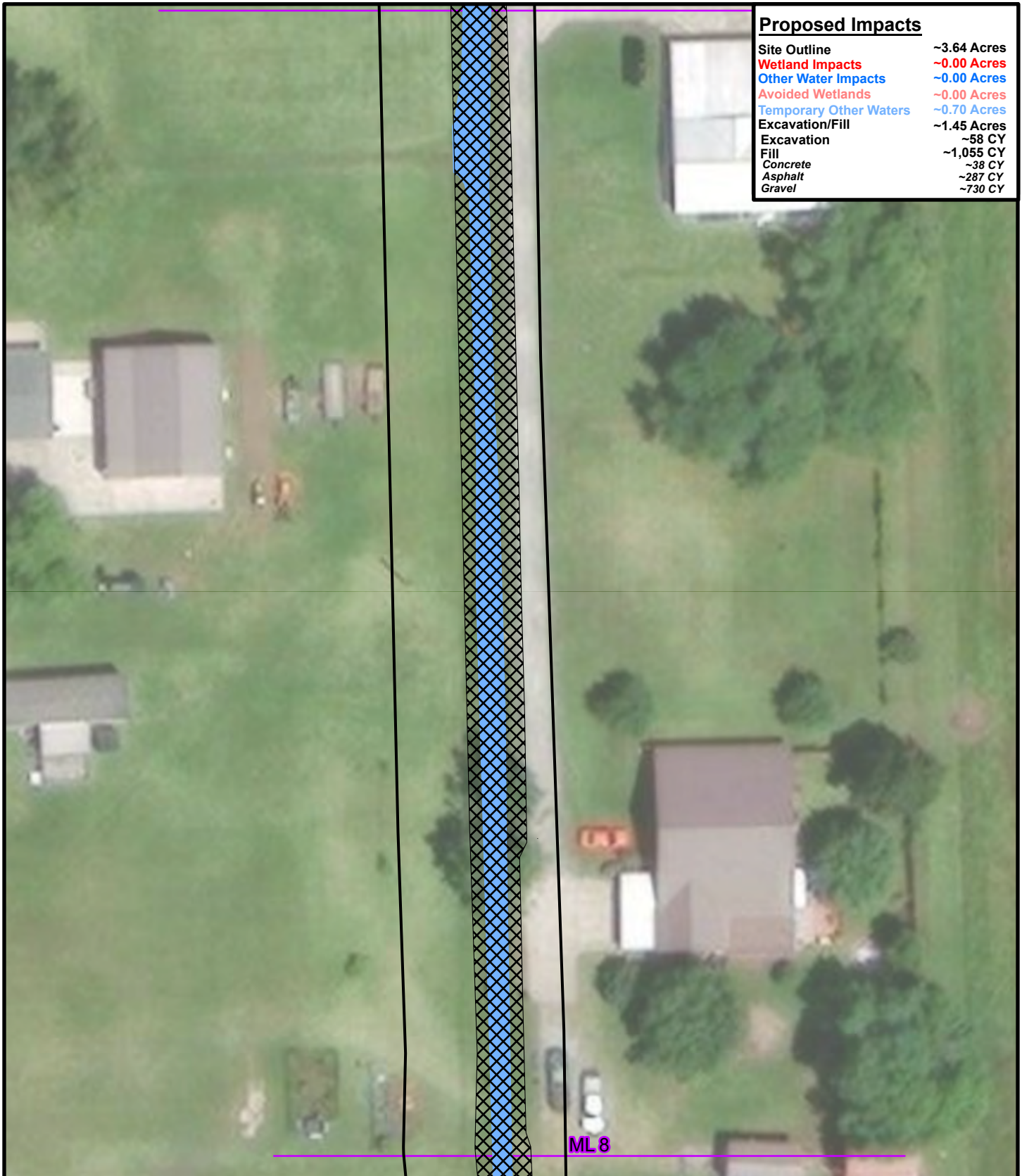


Figure 4.7: Proposed Impacts  
**Rosary St. Drainage Improvements**

Legend:	
	Site Outline
	Temporary Other Waters Impacts
	Excavation/Fill
	Matchline

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.



Proposed Impacts	
Site Outline	~3.64 Acres
Wetland Impacts	~0.00 Acres
Other Water Impacts	~0.00 Acres
Avoided Wetlands	~0.00 Acres
Temporary Other Waters	~0.70 Acres
Excavation/Fill	~1.45 Acres
Excavation	~58 CY
Fill	~1,055 CY
Concrete	~38 CY
Asphalt	~287 CY
Gravel	~730 CY

ML 8

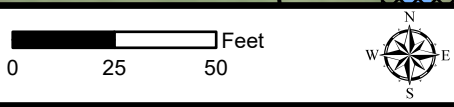
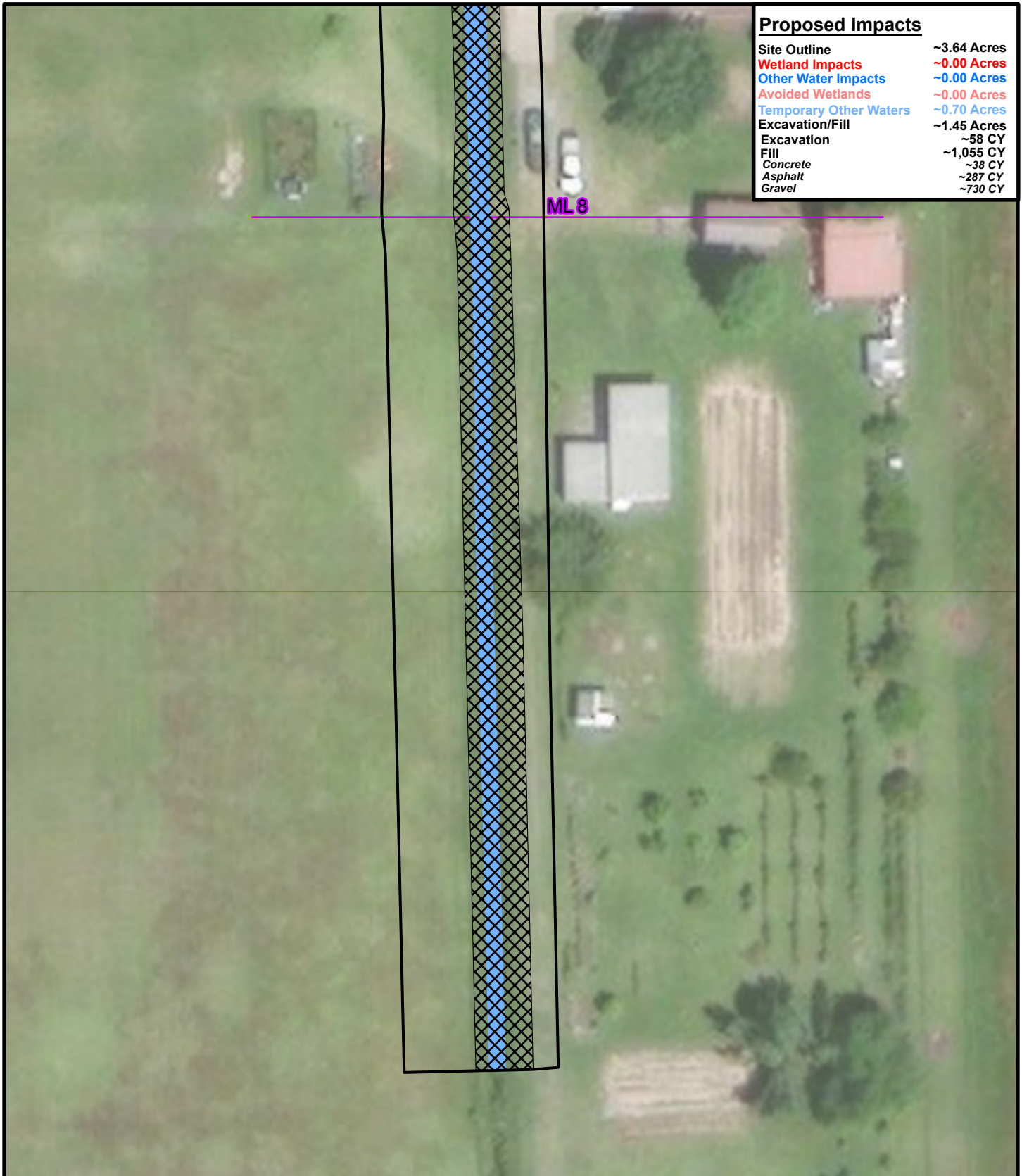


Figure 4.8: Proposed Impacts  
**Rosary St. Drainage Improvements**

Legend:	
	Site Outline
	Temporary Other Waters Impacts
	Excavation/Fill
	Matchline

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.





Proposed Impacts	
Site Outline	~3.64 Acres
Wetland Impacts	~0.00 Acres
Other Water Impacts	~0.00 Acres
Avoided Wetlands	~0.00 Acres
Temporary Other Waters	~0.70 Acres
Excavation/Fill	~1.45 Acres
Excavation	~58 CY
Fill	~1,055 CY
Concrete	~38 CY
Asphalt	~287 CY
Gravel	~730 CY

ML 8

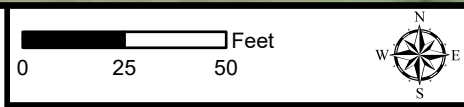
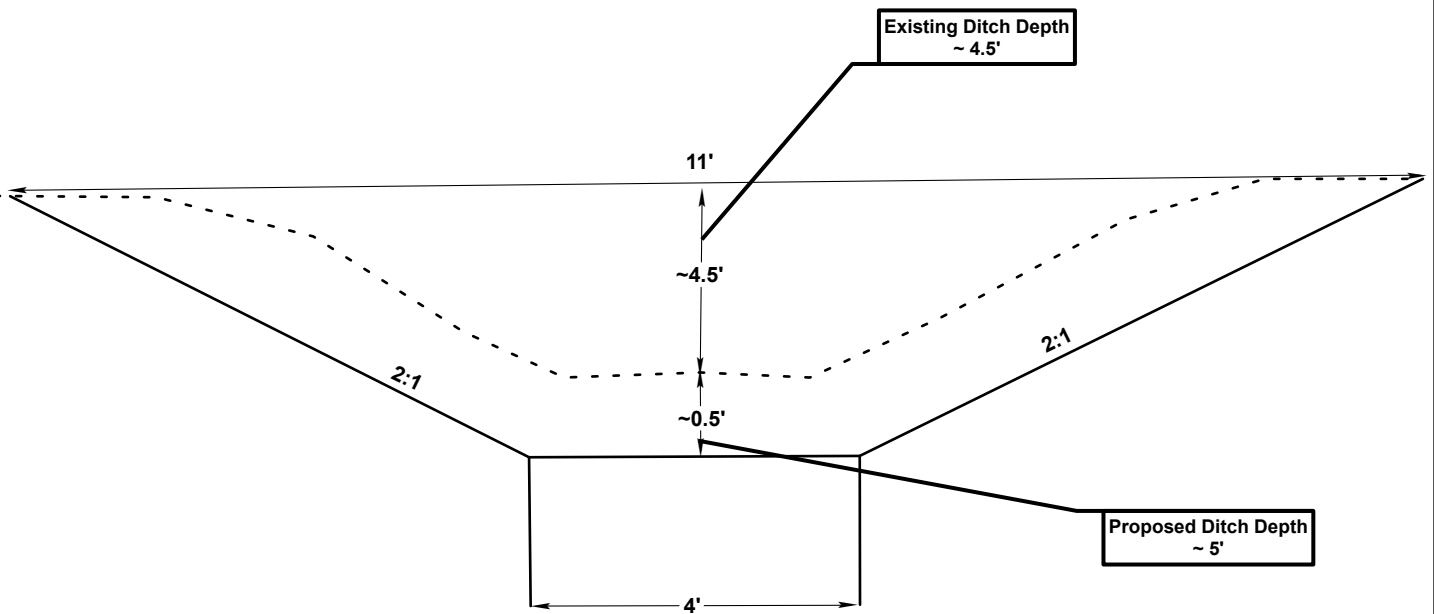


Figure 4.9: Proposed Impacts  
**Rosary St. Drainage Improvements**

Legend:	
	Site Outline
	Excavation/Fill
	Temporary Other Waters Impacts
	Matchline

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.

## Ditch Typical Section



**Scale = Not to Scale**

---

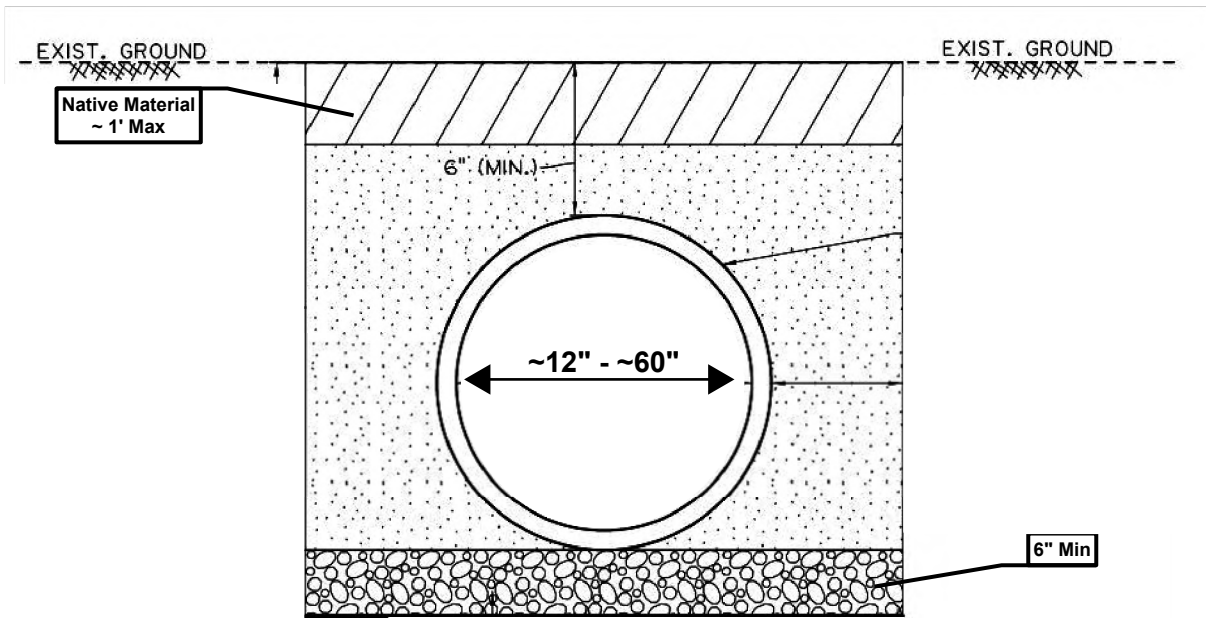
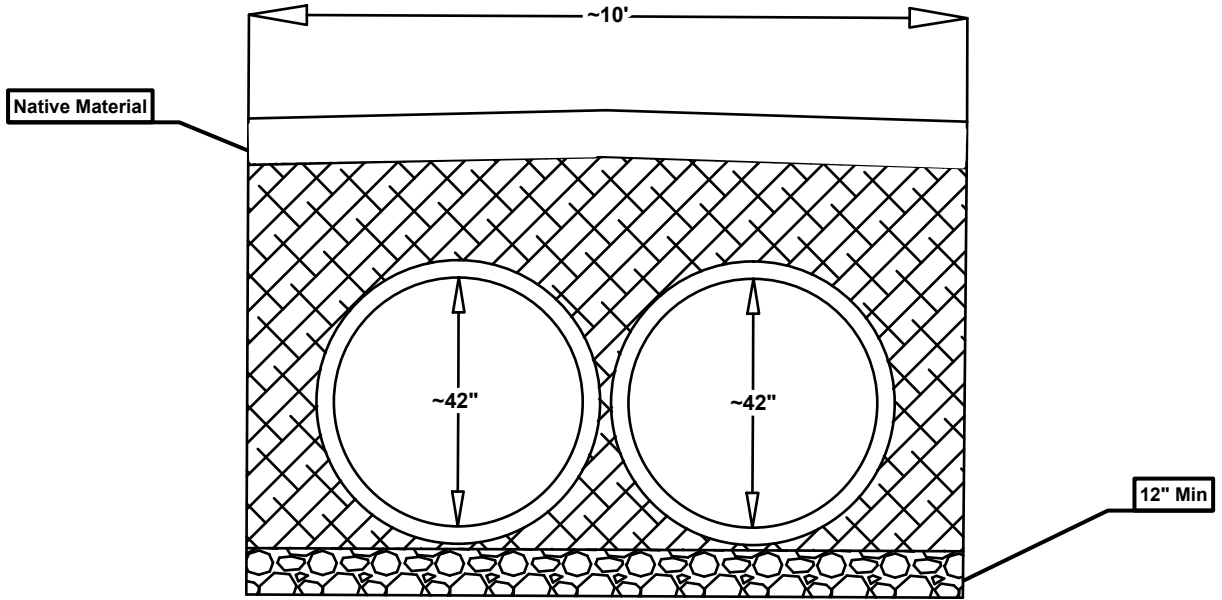
Figure 5.0: Typical Section

---

**Rosary St. Drainage  
Improvements**

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.

### Typical Section



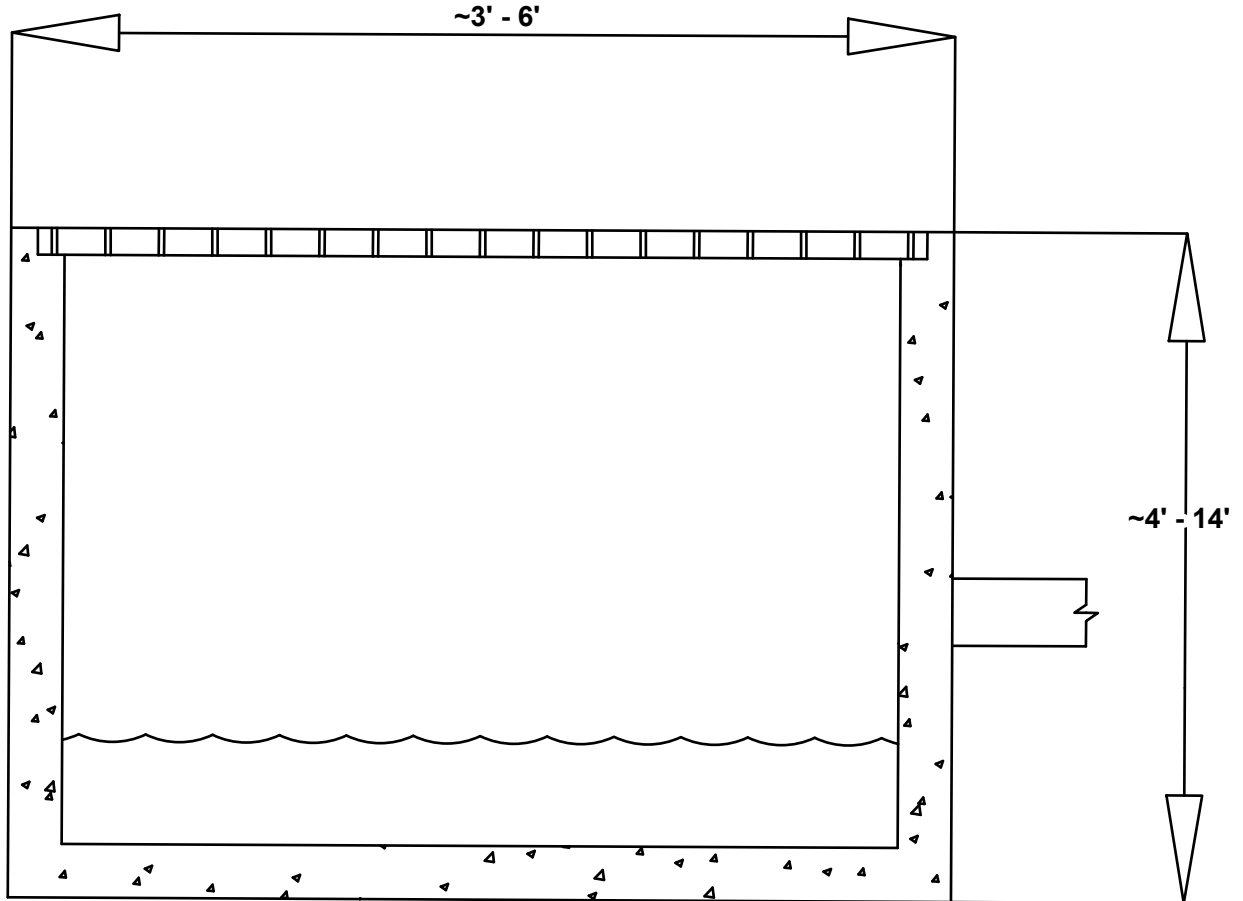
**Scale = Not to Scale**

Figure 6.0: Typical Section

**Rosary St. Drainage Improvements**

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.

# Typical Catch Basin



Scale = Not to Scale

Figure 7.0: Typical Section

**Rosary St. Drainage  
Improvements**


This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.





# Notes

1. As-built drawings will be submitted within 30 days of completion of this project to the Louisiana Department of Energy and Natural Resources, Office of Coastal Management, P. O. Box 44487, Baton Rouge, LA 70804-4487
2. All structures, facilities, well and pipelines/flowlines occurring in open water areas or in oilfield canals or slips shall be removed within 120 days of abandonment or the facilities for the herein permitted use unless prior written approval to leave such structures in place is received from the Office of Coastal Management. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required
3. Structures must also be marked/lighted in accordance with U. S. Coast Guard regulations.
4. In order to ensure the safety of all parties, the permittee shall contact the Louisiana One Call System (1-800-272-3020) a minimum of 48 hours prior to the commencement of any excavation (digging, dredging, jetting, etc.) or demolition activity.

	<b>Scale = Not to Scale</b>	
	Figure 8.0: Notes	
	<b>Rosary St. Drainage Improvements</b>	This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.

DEPARTMENT OF ENERGY AND NATURAL RESOURCES

State/Local Concern Determinations

Application #: P20250509

Parish: SAINT JAMES

Date Completed: 07/08/2025

Louisiana Revised Statute 49:214 Types of Uses

A. No Local Program exists for the parish selected.

No Local Program

B. Uses of the Coastal Zone subject to the Coastal Use Permitting program shall be of two types:

(1) Uses of State Concern

- a. Any dredge or fill activities which intersects with more than one water body
- b. Projects involving use of state owned lands or water bottoms
- c. State publicly funded projects
- d. National interest projects
- e. Projects occurring in more than one parish
- f. All mineral activities
- g. All pipelines involved in mineral activities
- h. Energy facilities siting and development
- i. Uses of local concern which may significantly affect interests of regional, state, or national development

(2) Uses of Local Concern

- a. Privately funded projects which are not uses of state concern
- b. Publicly funded projects which are not uses of state concern
- c. Maintenance of uses of local concern
- d. Jetties or breakwaters
- e. Dredge or fill project not intersecting more than one water body
- f. Bulkheads
- g. Piers
- h. Camps and cattlewalks
- i. Maintenance dredging
- j. Private water control structures of less than \$15,000 in cost
- k. Uses of Cheniers, salt domes, or similar land forms

Comments:

No work on State Waterbottoms  
Near Lafourche Basin Levee District Federal\_River\_Levee

Based on the above considerations, this Coastal Use Permit application has been determined to be a **Local Concern**



Kyle F. Balkum, Administrator



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

**Application Number:** 34417

**Permit Number:** P20250509

**Date Received:** 07/08/2025

### Step 1 of 15 - Applicant Information

**Applicant Name:** Mosaic Fertilizer, LLC

**Applicant Type:** INDUSTRY/OTHER

**Mailing Addr :** 9959 Hwy 18  
St. James, LA 70086

Gill Walker

**Contact Info:** -                      **Fax:** -                      **Email:** Gill.Walker@mosaicco.com  
**Phone:**

### Step 2 of 15 - Agent Information

**Agent Name:** Hargrove Engineers & Constructors

**Mailing Addr:** 4150 South Sherwood Forest Blvd  
Baton Rouge, LA 70816

H Mille Delacroix, III, PE

**Contact Info:** (225) 907-4150              **Fax:** -                      **Email:** MDELACROIX@HARGROVE-EPC.COM  
**Phone:**

### Step 3 of 15 - Permit Type

Coastal Use Permit (CUP)               Solicitation of Views (SOV)               Request for Determination (RFD)

### Step 4 of 15 - Pre-Application Activity

**a. Have you participated in a Pre-Application or Geological Review Meeting for the proposed project?**

No                       Yes                      Date meeting was held:

Attendees:

\_\_\_\_\_ (Individual or Company Rep)

\_\_\_\_\_ (OCM Representative)

\_\_\_\_\_ (COE Representative)

**b. Have you obtained an official wetland determination from the COE for the project site?**

No                       Yes                      **If Yes, Please upload a copy with your application.**  
**JD Number:**

**c. Is this application a mitigation plan for another CUP?**

No                       Yes                      OCM Permit Number:

### Step 5 of 15 - Project Information



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

**a. Describe the project.**

Mosaic Faustina needs to mitigate spills coming from their existing RBC-3 Conveyor bridge over River Road (Hwy 18). Currently, temporary plastic sheeting is in place for containment. The goal is to provide permanent containment to prevent spills from entering the roadside ditches. In addition to the containment, the concrete levee revetment needs to be modified to improve maintenance access. Included with the revetment will be curbing and culverts on the levee side, and a similar system will be provided on the plant side. Design will ensure that no roadway hazard will be created along Hwy 18.

**b. Is this application a change to an existing permit?**

No                       Yes                      OCM Permit Number:

**c. Have you previously applied for a permit or emergency authoriation for all or any part of the proposed project?**

No                       Yes

Agency	Contact	Permit Number	Decision Status	Decision Date
OCM				
COE				
Other				

**Step 6 of 15 - Project Location**

**a. Physical Location**

Street: 9959 LA-18  
 City: St. James                      Parish: Saint James                      Zip: 70086  
 Water Body: Mississippi River

**b. Latitude and Longitude**

Latitude: 30      53      55.8      Longitude: -90      54      54.4

**c. Section, Township, and Range**

Section #:                      Township #:                      Range #:  
 Section #:                      Township #:                      Range #:

**d. Lot, Tract, Parcel, or Subdivision Name**

Lot #:                      Parcel #:  
 Tract #:                      Subdivision Name:





Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

**e. Site Direction**

FROM New Orleans: START I-10 West Towards Baton Rouge, Exit 182 toward LA-22, LEFT onto LA-22 S, SLIGHT LEFT onto LA-70 (Crawford LeBlanc Blvd), CONTINUE to follow LA-70 for 7.7 mi, LEFT and continue onto Frontage Street, RIGHT onto LA-18E to Mosaic Facility at 9959 LA-18.-END

**Step 7 of 15 - Adjacent Landowners** - See attached list

**Step 8 of 15 - Project Specifics**

**a. Project Name and/or Title:** MOSfaust-Ship Dock Ditch Liner for RCB3-DD

**b. Project Type:** Non-Residential

**c. Jurisdiction:** State Concern

**d. Source of Funding:** PRIVATE

**e. What will be done for the proposed project?**

- |  |   |  |  |
|--|---|--|--|
| <input type="checkbox"/> Bridge/Road   | <input type="checkbox"/> Home Site/Driveway | <input type="checkbox"/> Pipeline/Flow Line          | <input type="checkbox"/> Rip Rap/Erosion Control |
| <input type="checkbox"/> Bulkhead/Fill   | <input type="checkbox"/> Levee Construction | <input type="checkbox"/> Plug/Abandon                | <input type="checkbox"/> Site Clearance          |
| <input type="checkbox"/> DrainageImprovements  | <input type="checkbox"/> Dredging           | <input type="checkbox"/> Production Barge/Structure  | <input type="checkbox"/> Subdivision             |
| <input type="checkbox"/> Drill Barge/ Structure  | <input type="checkbox"/> Prop Washing       | <input type="checkbox"/> Vegetative Plantings        | <input type="checkbox"/> Wharf/Pier/Boathouse    |
| <input type="checkbox"/> Drill Site  | <input type="checkbox"/> Pilings            | <input type="checkbox"/> Remove Structures           |  |
| <input type="checkbox"/> Fill  | <input type="checkbox"/> Marina             | <input type="checkbox"/> Major Industrial/Commercial |  |
| <input checked="" type="checkbox"/> Other: Revetment extension and side road drainage. |   |  |  |

**f. Why is the proposed project needed?**

Mosaic Faustina needs to mitigate spills coming from their existing RBC-3 Conveyor bridge over River Road (Hwy 18).



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

---

Currently, temporary plastic sheeting is in place for containment. The goal is to provide permanent containment to



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

---

prevent spills from entering the roadside ditches. In addition to the containment, the concrete levee revetment needs to



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

---

be modified to improve maintenance access. Included with the revetment will be curbing and culverts on the levee side,





Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

---

and a similar system will be provided on the plant side. Design will ensure that no roadway hazard will be created along



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

Hwy 18.

### Step 9 of 15 - Project Status

- a. Proposed start date: 08/20/2025                      Proposed completion date: 12/31/2025
- b. Is any of the project work in progress?  
 No                       Yes
- c. Is any of the project work completed?  
 No                       Yes

### Step 10 of 15 - Structures, Materials, and Methods for the Pr

**a. Excavations**

142 Cubic Yards                      Acres

**b. Fill Areas**

329 Cubic Yards                      Acres

**c. Fill Materials**

- |  |                 |  |                |
|--|-----------------|--|----------------|
| <input checked="" type="checkbox"/> Concrete:                        | 111 Cubic Yards | <input type="checkbox"/> Rock:                                 | Cubic Yards    |
| <input type="checkbox"/> Crushed Stone<br>or Gravel:                 | Cubic Yards     | <input checked="" type="checkbox"/> Sand:                      | 66 Cubic Yards |
| <input checked="" type="checkbox"/> Excavated and<br>Placed onsite : | 86 Cubic Yards  | <input checked="" type="checkbox"/> Hauled in<br>Topsoil/Dirt: | 66 Cubic Yards |
| <input checked="" type="checkbox"/> Excavated and<br>hauled offsite: | 56 Cubic Yards  |  |                |
| <input type="checkbox"/> Other:                                      |                 |  | Cubic Yards    |

**d. What equipment will be used for the proposed project?**

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Airboat                     | <input checked="" type="checkbox"/> Bulldozer/Grader | <input type="checkbox"/> Marsh Buggy                                  |
| <input checked="" type="checkbox"/> Backhoe          | <input type="checkbox"/> Dragline/Excavator          | <input checked="" type="checkbox"/> Other Tracked or Wheeled Vehicles |
| <input type="checkbox"/> Barge Mounted Bucket Dredge | <input type="checkbox"/> Handjet                     | <input type="checkbox"/> Self Propelled Pipe Laying Barge             |
| <input type="checkbox"/> Barge Mounted Drilling Rig  | <input type="checkbox"/> Land Based Drilling Rig     | <input type="checkbox"/> Tugboat                                      |
| <input type="checkbox"/> Other:                      |  |   |



# Joint Permit Application For Work Within the Louisiana Coastal Zone



## Step 11 of 15 - Project Alternatives

a. Total acres of wetlands and/or waterbottoms filled and/or excavated.

0 acres

b. What alternative locations, methods, and access routes were considered to avoid impact to wetlands and/or waterbottoms?

NA

c. What efforts were made to minimize impact to wetlands and/or waterbottoms?

NA

d. How are unavoidable impacts to vegetated wetlands to be mitigated?

NA

## Step 12 of 15 - Permit Type and Owners

a. Are you applying for a Coastal Use Permit?

No  Yes

b. Are you the sole landowner / oyster lease holder?

No  Yes

The applicant is an owner of the property on which the proposed described activity is to occur.

The applicant has made reasonable effort to determine the identity and current address of the owner(s) of the land on which the proposed described activity is to occur, which included, a search of the public records of the parish in which the proposed activity is to occur.

The applicant hereby attests that a copy of the application has been distributed to the following landowners / oyster lease holders. See attached list.

c. Does the project involve drilling, production, and/or storage of oil and gas?

No  Yes **If yes, you must attach a list of all state and federal laws and rules and regulations dealing with spill prevention and containment.**

## Step 13 of 15 - Maps and Drawing Instructions

Note: OCM Compiled Plats consist of a complete and current set of plats that have been pieced together by OCM using only the most current portions of the plat files provided by the applicant/agent. All out-of-date plats have been excluded.

MosaicFaustinaShipDockDitchLinerCoverLetter.pdf

07/07/2025 10:45:50 AM



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

P20250509\_CompiledPlats.pdf

07/08/2025 02:40:18 PM

---

### Step 14 of 15 - Payment

The fee for this permit is: \$ 100.00

---

### Step 15 of 15 - Payment Processed

#### Applicant Information

**Applicant Name:** Mosaic Fertilizer, LLC

**Address:** 9959 Hwy 18

St. James, LA 70086

To the best of my knowledge the proposed activity described in this permit application complies with, and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. If applicable, I also certify that the declarations in Step 12c, oil spill response, are complete and accurate.





Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

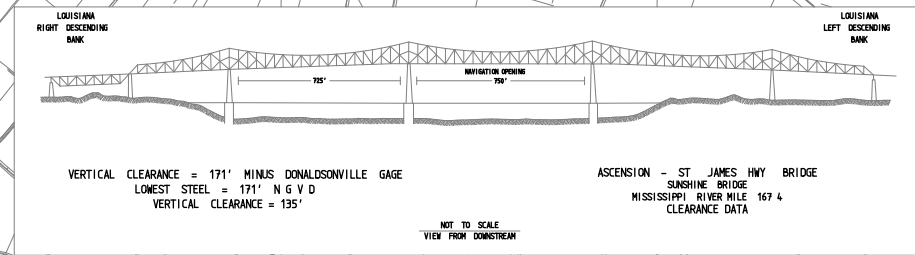
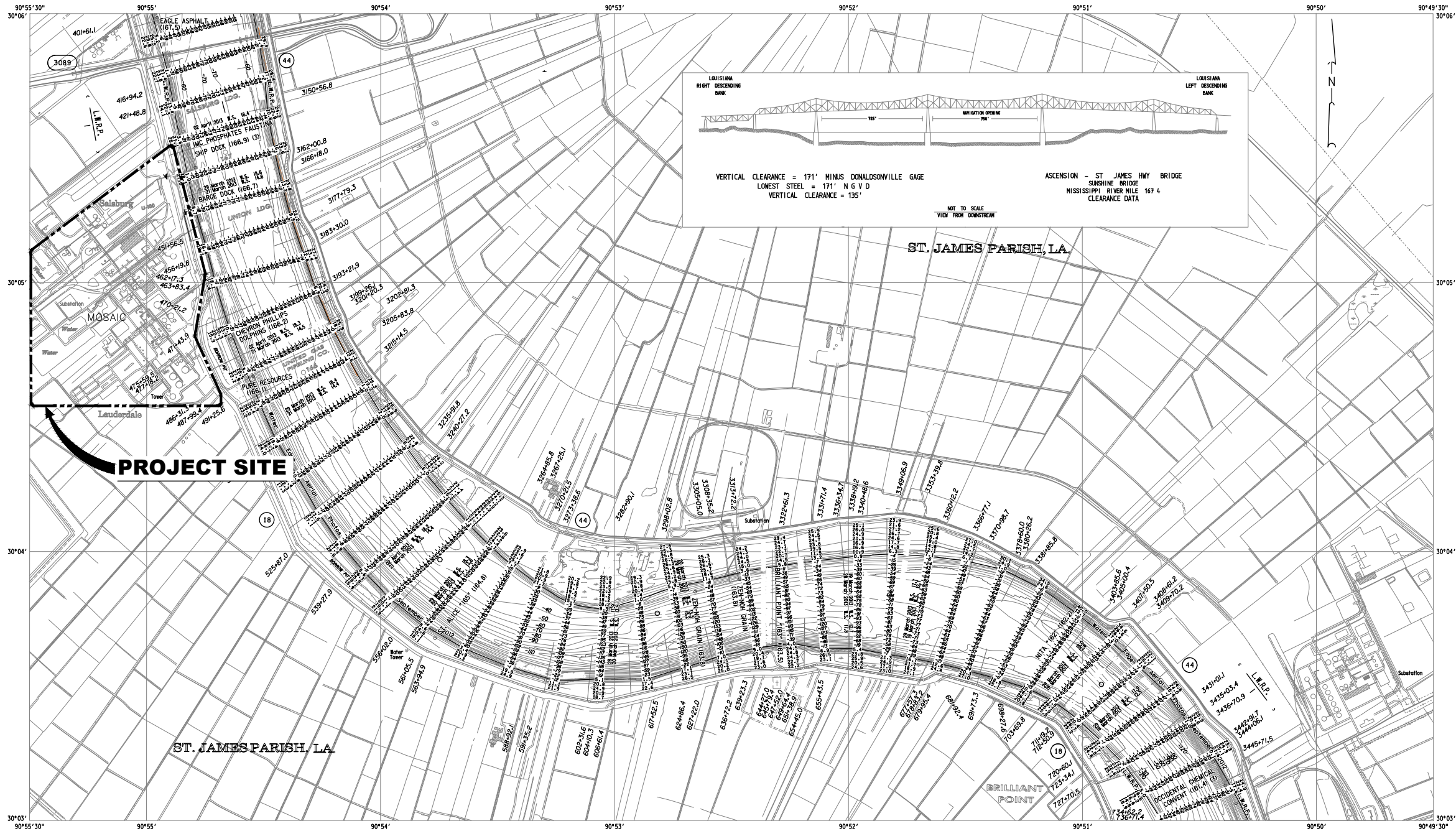
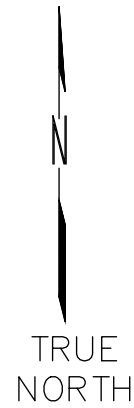
## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

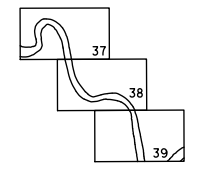
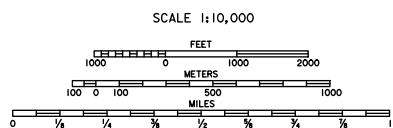
---

### Landowners List



**PROJECT SITE**

**VICINITY MAP**



BLACK HAWK, LA TO HEAD OF PASSES, LA  
ALSO SOUTHWEST, SOUTH, AND PASS A LOUTRE.  
IN 86 SHEETS  
U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS,  
CORPS OF ENGINEERS

All elevations are expressed in feet and refer to North American Vertical Datum of 1988.  
Contours below Low Water Reference Plane are expressed in feet at 5 and 10 ft. intervals.  
Contours above Low Water Reference Plane are expressed in feet at 5 ft. intervals.  
Planimetry from aerial photographs from February 2002.  
Distances on Mississippi River above Head of Passes are shown at 1 mile intervals, 1962 survey.  
Projection: Lambert Conformal Conic  
Horizontal Datum: North American Datum 1983 (NAD 83)  
Ellipsoid: GRS 80  
L.W.R.P. - Low Water Reference Plane.

**PRELIMINARY**

**NOT FOR CONSTRUCTION**

LICENSEE: H. MILLE DELACROIX, III  
LICENSE NO: 24030

HARGROVE AND ASSOCIATES, INC (EF 2717)

NO.	DATE	REVISIONS	BY	CHK.	APPR.	REFERENCE DRAWINGS
A	2/20/2025	ISSUE FOR INFORMATION	SCG	HMD	HMD	

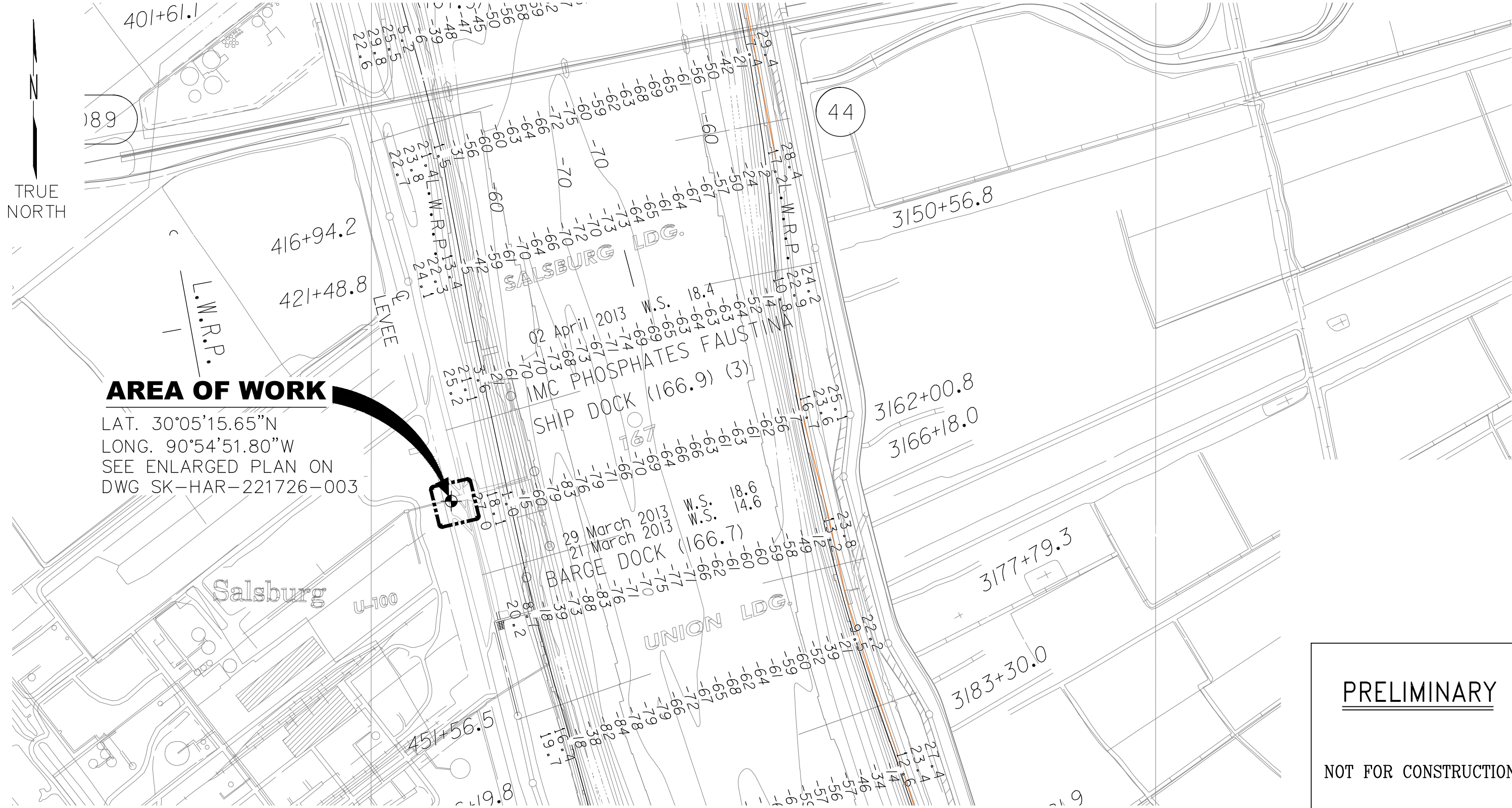
Hargrove and Associates Inc.  
4150 S Sherwood Forest Blvd - Ste 210  
Baton Rouge, LA 70816  
225.227.2000 - hargrove-epc.com

DITCH & REVETMENT MODIFICATIONS  
MOSAIC SHIP DOCK  
MISSISSIPPI RIVER – RIVER MILE MARKER 166.9  
ST. JAMES, LOUISIANA

DRAWN BY	DATE	CONTRACT NO.	OWNER NO.
SCG	1/28/2025		
CHECKED BY	DATE	APPROVED BY	DATE
HMD	2/20/2025		
APPROVED BY	DATE	APPROVED BY	DATE
HMD	1/28/2025		
SCALE	DRAWING NUMBER	REV.	
AS NOTED	SK-HAR-2461079-CS-001	A	

11x17





**AREA OF WORK**

LAT. 30°05'15.65"N  
 LONG. 90°54'51.80"W  
 SEE ENLARGED PLAN ON  
 DWG SK-HAR-221726-003

**PRELIMINARY**  
 NOT FOR CONSTRUCTION

LICENSEE: H. MILLE DELACROIX, III  
 LICENSE NO: 24030

HARGROVE AND ASSOCIATES, INC (EF 2717)



WORK AREA LOCATION PLAN

NO.	DATE	REVISIONS	BY	CHK.	APPR.	REFERENCE DRAWINGS
A	2/20/2025	ISSUE FOR INFORMATION	SCG	HMD	HMD	

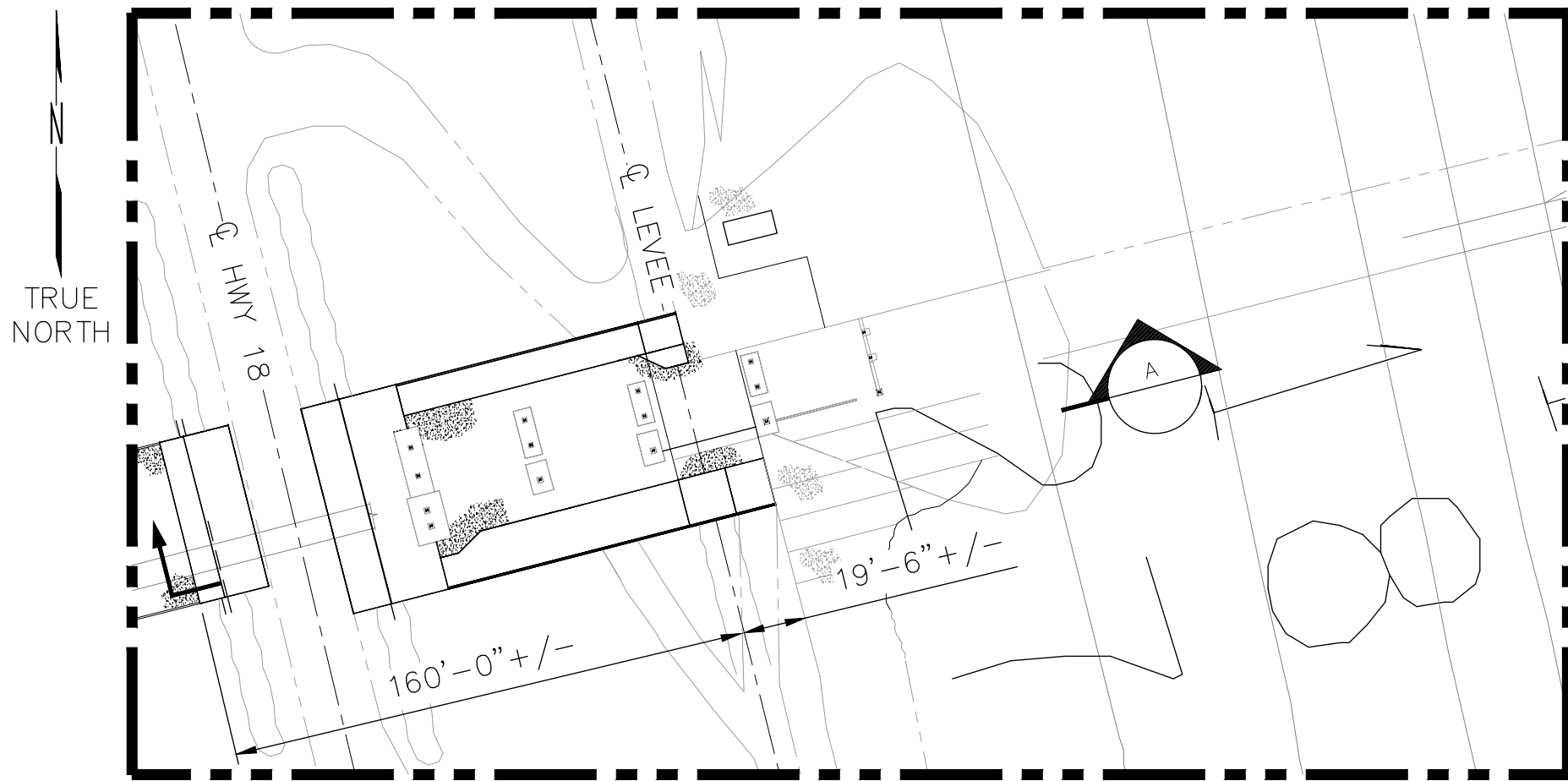
**hargrove**  
 engineers+constructors

Hargrove and Associates Inc.  
 4150 S Sherwood Forest Blvd - Ste 210  
 Baton Rouge, LA 70816  
 225.227.2000 - hargrove-epc.com

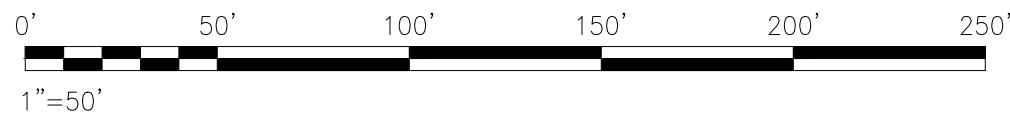
DITCH & REVETMENT MODIFICATIONS  
 MOSAIC SHIP DOCK  
 MISSISSIPPI RIVER – RIVER MILE MARKER 166.9  
 ST. JAMES, LOUISIANA

DRAWN BY	DATE	CONTRACT NO.	OWNER NO.
SCG	1/28/2025	-	-
CHECKED BY	DATE	APPROVED BY	DATE
HMD	2/20/2025	-	-
APPROVED BY	DATE	APPROVED BY	DATE
HMD	1/28/2025	-	-
SCALE	DRAWING NUMBER	REV.	
AS NOTED	SK-HAR-2461079-CS-002	A	

11x17



ENLARGED WORK AREA LOCATION PLAN



**NOTES:**

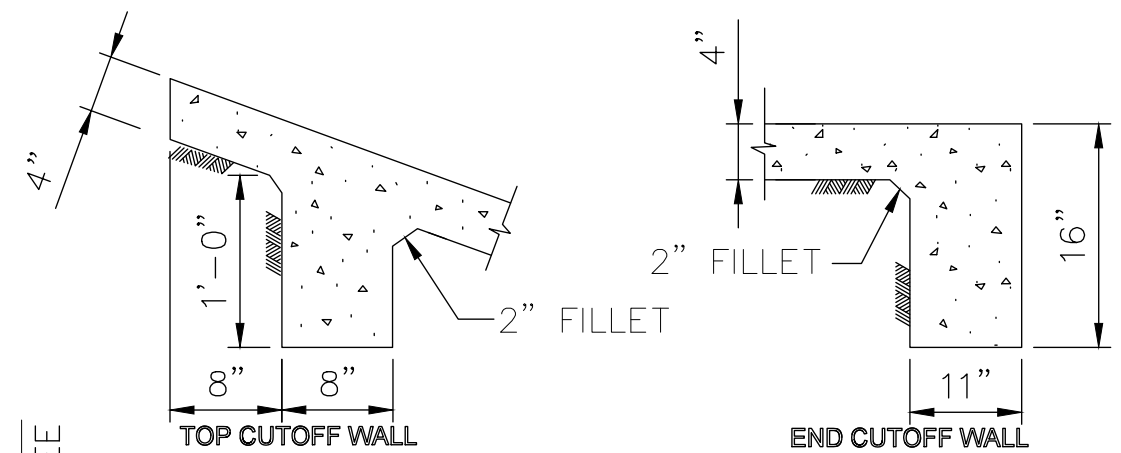
- SEE DWG SK-HAR-2471079-CS-005 FOR NEW CULVERT DETAILS.

**PRELIMINARY**

NOT FOR CONSTRUCTION

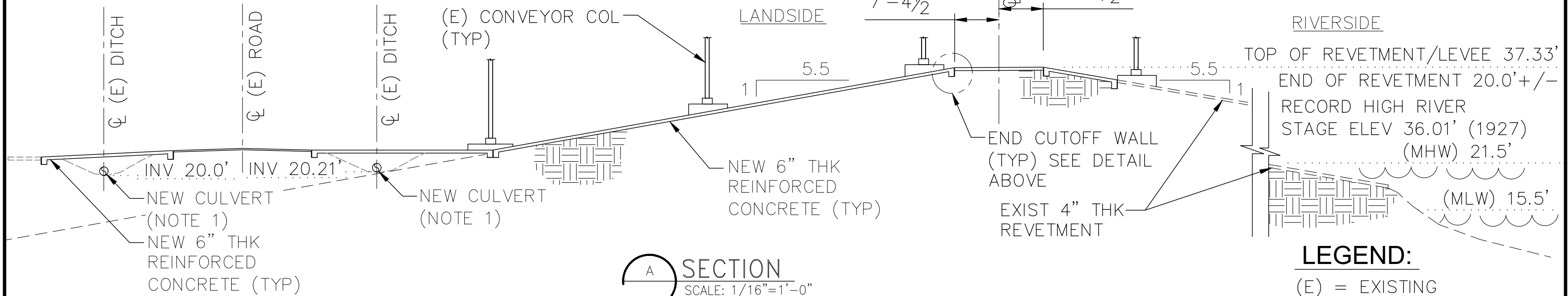
LICENSEE: H. MILLE DELACROIX, III  
 LICENSE NO: 24030

HARGROVE AND ASSOCIATES, INC (EF 2717)



DETAILS OF CUTOFF WALLS

NOT TO SCALE



**SECTION A**  
 SCALE: 1/16"=1'-0"

**LEGEND:**

(E) = EXISTING

11x17

NO.	DATE	REVISIONS	BY	CHK.	APPR.	REFERENCE DRAWINGS
A	2/20/2025	ISSUE FOR INFORMATION	SCG	HMD	HMD	

**hargrove**  
 engineers+constructors  
 Hargrove and Associates Inc.  
 4150 S Sherwood Forest Blvd - Ste 210  
 Baton Rouge, LA 70816  
 225.227.2000 - hargrove-epc.com

DITCH & REVETMENT MODIFICATIONS  
 MOSAIC SHIP DOCK  
 MISSISSIPPI RIVER - RIVER MILE MARKER 166.9  
 ST. JAMES, LOUISIANA

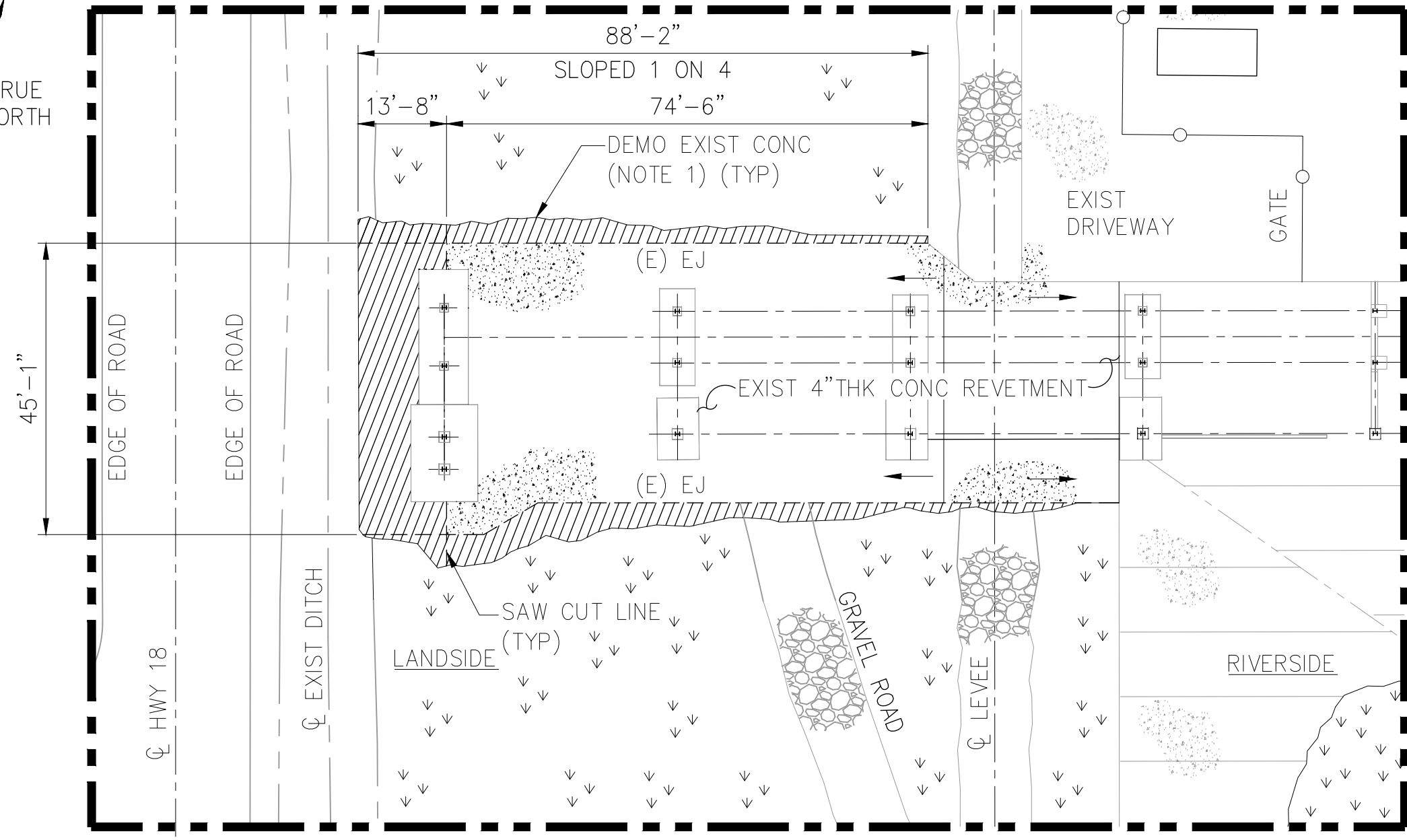
DRAWN BY	DATE	CONTRACT NO.	OWNER NO.
SCG	1/28/2025	-	-
CHECKED BY	DATE	APPROVED BY	DATE
HMD	2/20/2025	-	-
APPROVED BY	DATE	APPROVED BY	DATE
HMD	1/28/2025	-	-
SCALE	DRAWING NUMBER	REV.	
AS NOTED	SK-HAR-2461079-CS-003	A	





**NOTES:**

- CONTRACTOR SHALL SAW CUT AS REQ'D & DEMO EXIST 4" THICK CONCRETE REVETMENT BACK TO THE EXISTING EXPANSION JOINT SHOWN. AFTER REMOVAL OF CONCRETE, BACKFILL LOW AREAS W/ STRUCTURAL FILL, COMPACTED TO 90% STANDARD PROCTOR AS PER ASTM D 698. SEE DWG SK-HAR-2471079-CS-005 FOR NEW PAVING DETAILS..



**LEGEND:**

- EJ = EXPANSION JOINT
- (E) = EXISTING
- SAW CUT LINE
- ∇ = GRASS
- = SLOPE
- ▨ = DEMO
- ⊞ = GRAVEL
- ⊞ = CONCRETE

LEVEE CONCRETE REVETMENT DEMO PLAN

SCALE : 1"=20'-0"



**PRELIMINARY**

**NOT FOR CONSTRUCTION**

LICENSEE: H. MILLE DELACROIX, III  
 LICENSE NO: 24030

HARGROVE AND ASSOCIATES, INC (EF-2717)

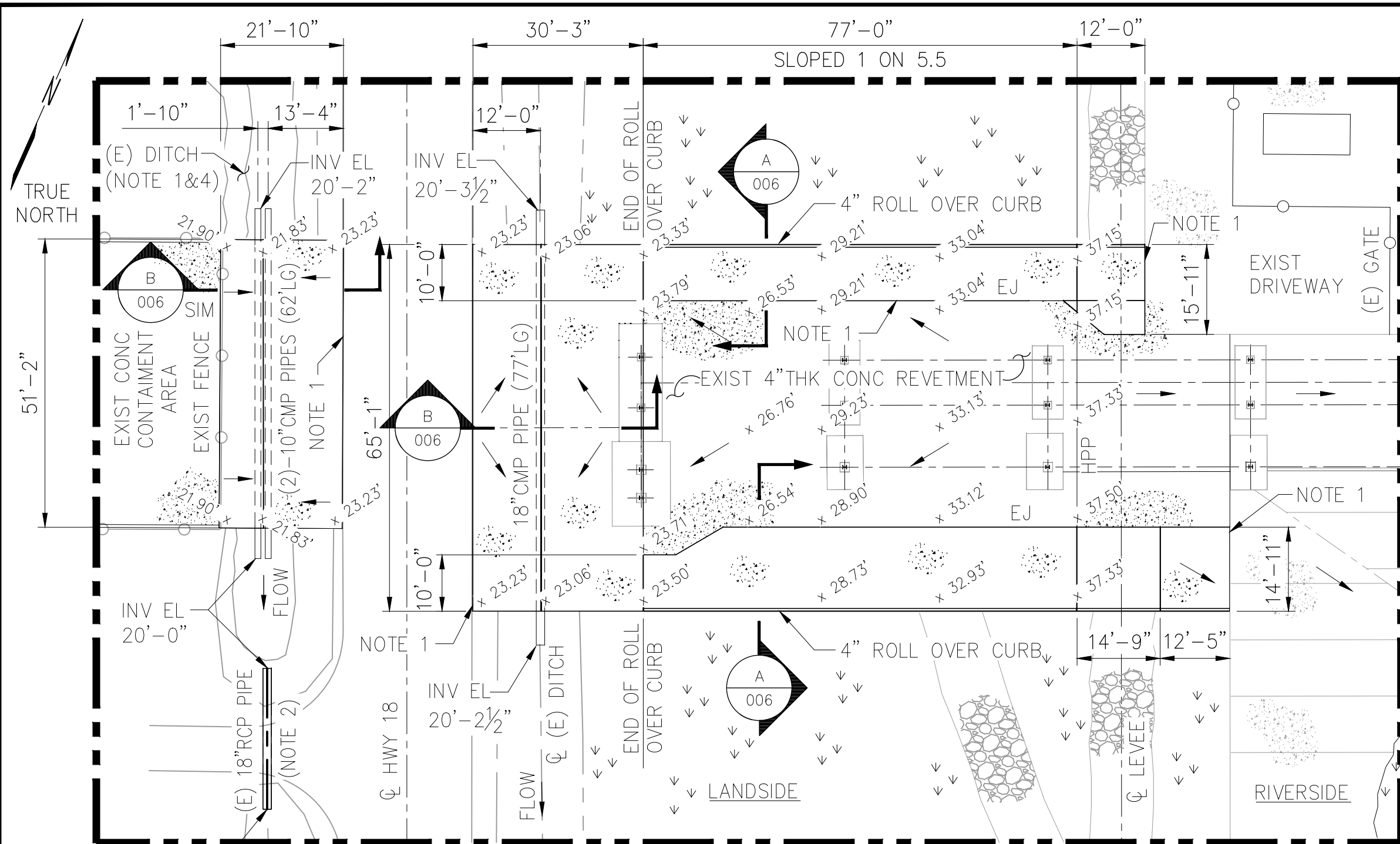
11x17

NO.	DATE	REVISIONS	BY	CHK.	APPR.	REFERENCE DRAWINGS
A	2/20/2025	ISSUE FOR INFORMATION	SCG	HMD	HMD	

**hargrove**  
 engineers+constructors  
 Hargrove and Associates Inc.  
 4150 S Sherwood Forest Blvd - Ste 210  
 Baton Rouge, LA 70816  
 225.227.2000 - hargrove-epc.com

DITCH & REVETMENT MODIFICATIONS  
 MOSAIC SHIP DOCK  
 MISSISSIPPI RIVER - RIVER MILE MARKER 166.9  
 ST. JAMES, LOUISIANA

DRAWN BY	DATE	CONTRACT NO.	OWNER NO.
SCG	1/28/2025	-	-
CHECKED BY	DATE	APPROVED BY	DATE
HMD	2/20/2025	-	-
APPROVED BY	DATE	APPROVED BY	DATE
HMD	1/28/2025	-	-
SCALE	DRAWING NUMBER	REV.	
AS NOTED	SK-HAR-2461079-CS-004	A	



**NOTES:**

1. NEW PAVING SHALL MATCH EXISTING ADJACENT CONCRETE/ASPHALT ROAD ELEVATIONS.
2. CONTRACTOR SHALL MUCK OUT EXISTING DITCHES AS REQUIRED FOR INSTALLATION & CLEANING OF NEW/EXISTING CULVERTS. SEE DWG SK-HAR-2471079-CS-006 FOR CMP CULVERT DETAILS.
3. SEE DRAWING H-8-45782 FOR COMPACTED FILL SPECS, TYPICAL SECTIONS & DETAILS AND TYPICAL CUTOFF WALL DETAILS.
4. CONTRACTOR'S SHALL MAKE A SITE VISIT TO INSPECT THE WORK AREA AND EXISTING CONDITIONS TO CONFIRM A GOOD UNDERSTANDING OF THE PROJECT. ALL DIMENSIONS & ELEVATIONS SHOWN ON THESE DRAWINGS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO STARTING WORK.

**LEGEND:**

- (E) = EXISTING
- ▽ = GRASS
- = SLOPE
- EJ = EXPANSION JOINT
- [Gravel Pattern] = GRAVEL
- [Concrete Pattern] = CONCRETE
- [T/Conc El Pattern] = T/CONC EL

LEVEE CONCRETE REVETMENT PLAN



**PRELIMINARY**

NOT FOR CONSTRUCTION

LICENSEE: H. MILLE DELACROIX, III  
 LICENSE NO: 24030

HARGROVE AND ASSOCIATES, INC (EF 2717)

11x17

NO.	DATE	REVISIONS	BY	CHK.	APPR.	REFERENCE DRAWINGS
A	2/20/2025	ISSUE FOR INFORMATION	SCG	HMD	HMD	

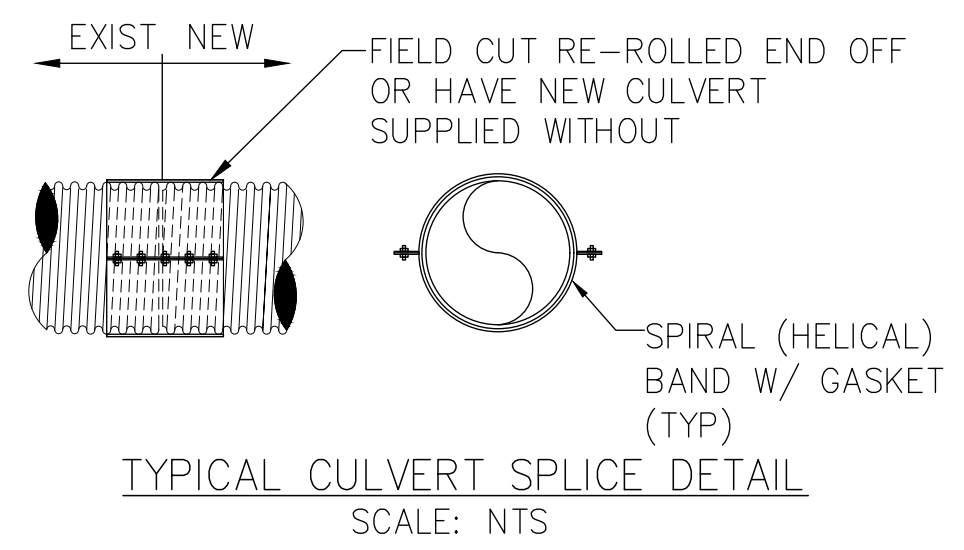
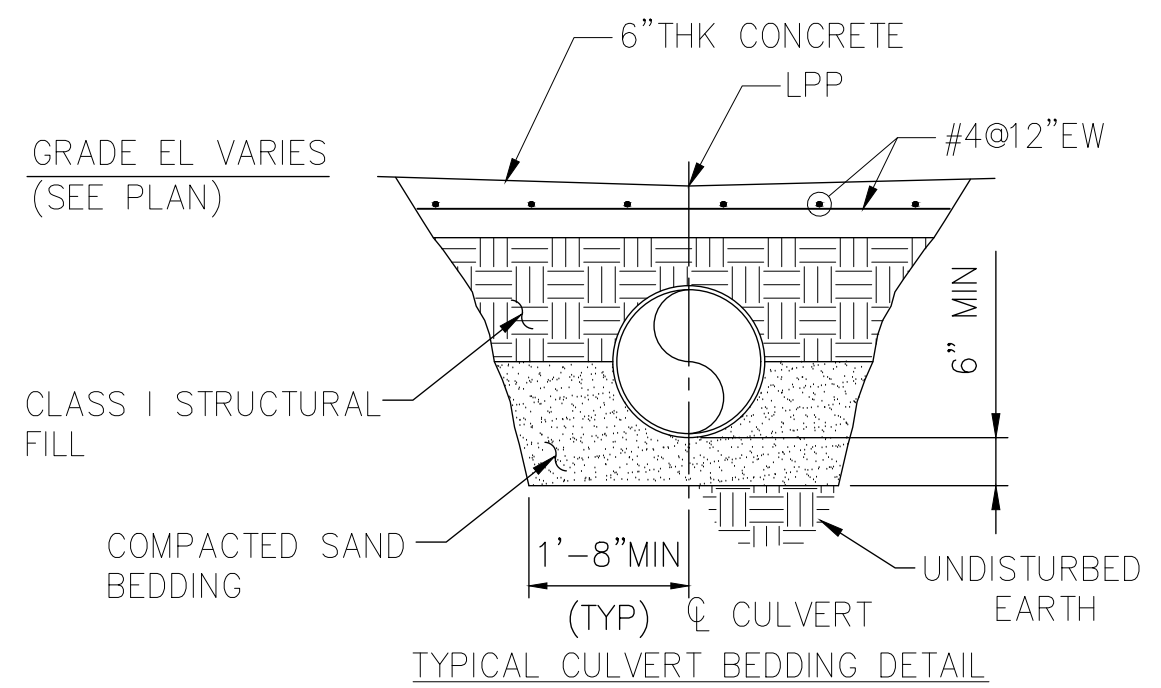
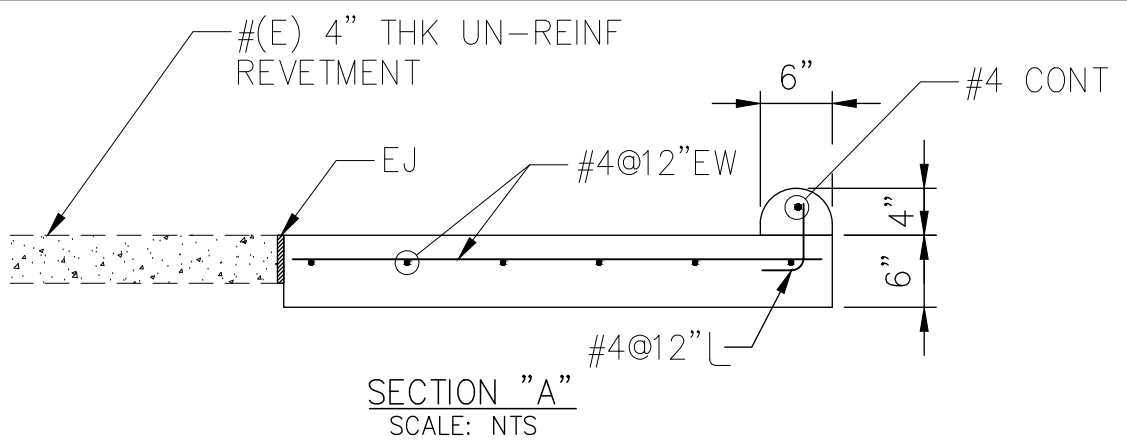
**hargrove**  
 engineers+constructors  
 Hargrove and Associates Inc.  
 4150 S Sherwood Forest Blvd - Ste 210  
 Baton Rouge, LA 70816  
 225.227.2000 - hargrove-epc.com

DITCH & REVETMENT MODIFICATIONS  
 MOSAIC SHIP DOCK  
 MISSISSIPPI RIVER - RIVER MILE MARKER 166.9  
 ST. JAMES, LOUISIANA

DRAWN BY	DATE	CONTRACT NO.	OWNER NO.
SCG	1/28/2025	-	-
CHECKED BY	DATE	APPROVED BY	DATE
HMD	2/20/2025	-	-
APPROVED BY	DATE	APPROVED BY	DATE
HMD	1/28/2025	-	-
SCALE	DRAWING NUMBER	REV.	
AS NOTED	SK-HAR-2461079-CS-005	A	

# CUVLERT SPLICE INSTRUCTIONS:

1. LIBERALLY LUBRICATE GASKETS WITH EITHER A SOAP-BASE LUBRICANT SUCH AS TYLOX 7 LUBRICANT OR A VEGETABLE BASE LUBRICANT SUCH AS CRISCO®.
2. APPLYING ADDITIONAL LUBRICANT TO OUTSIDE PIPE ENDS IS NOT MANDATORY BUT IS RECOMMENDED FOR PRODUCT OPTIMUM RESULTS WITH LARGER DIAMETERS OR ASPHALT-COATED PIPE IN COLD WEATHER. REMOVE ANY FOREIGN MATTER THAT MIGHT BECOME LODGED BETWEEN THE PIPE AND THE BAND.
3. SNAP GASKETS AROUND AND INTO THE FIRST ANNULAR CORRUGATION OF EACH PIPE END.
4. SNAP THE GASKET SEVERAL TIMES TO ALLOW FOR FINAL SEATING.
5. LUBRICATE THE ENTIRE INNER SURFACE OF THE BAND BETWEEN THE CORRUGATIONS WITH THE SAME LUBRICANT.
6. CHECK BARS FOR PROPER POSITION.
7. IF NECESSARY, USE THE BOLT TO TURN THE BAR SO THAT THE HOLES ARE IN ALIGNMENT TEAR OFF ENOUGH MASTIC TO REACH BETWEEN THE CORRUGATIONS AT THE END OF THE BAND.
8. TUCK THE MASTIC OVER THE LIP OF THE BAND. NOTE: WITH DOUBLE ASPHALT-COATED BANDS IN WARM WEATHER (WARM ENOUGH TO CAUSE THE ASPHALT TO FLOW), THE MASTIC MAY NOT BE NECESSARY. FOR FINAL DETERMINATION, USE A JOINT TESTER TO EVALUATE PERFORMANCE.
9. WITH THE NECESSARY PARTS LUBRICATED AND ALL FOREIGN MATTER BETWEEN THE PIPE AND BAND REMOVED, USE A FELTON PULLER OR LONG BOLT TO START THE BAND LAP.
10. PULL THE BAND INTO POSITION. FOR MAXIMUM COMPRESSION OF THE GASKET, THE BAND CORRUGATION MUST BE FULLY SEATED INTO THE SECOND CORRUGATION FROM EACH PIPE END.
11. INSERT BOLTS AND TIGHTEN THE BAND. USE A "DEEP-WELL SOCKET" AND POWER WRENCH FOR RAPID ASSEMBLY. TAP THE BAND DURING TIGHTENING WITH A RUBBER Mallet TO ENSURE UNIFORM EATING OF THE GASKET.
12. AS A GUIDE, TORQUE BOLTS BETWEEN 25 TO 30 FOOT-POUNDS. FOR MAXIMUM COMPRESSION OF THE GASKET, THE BAND CORRUGATION MUST BE FULLY SEATED INTO THE SECOND CORRUGATION FROM EACH PIPE END. WHERE SPECIFICATIONS RESTRICT INFILTRATION/EXFILTRATION, A TEST MUST BE CONDUCTED ON THE ASSEMBLED JOINT TO CONFIRM PROPER INSTALLATION.



**PRELIMINARY**

**NOT FOR CONSTRUCTION**

LICENSEE: H. MILLE DELACROIX, III  
 LICENSE NO: 24030

HARGROVE AND ASSOCIATES, INC (EF 2717)

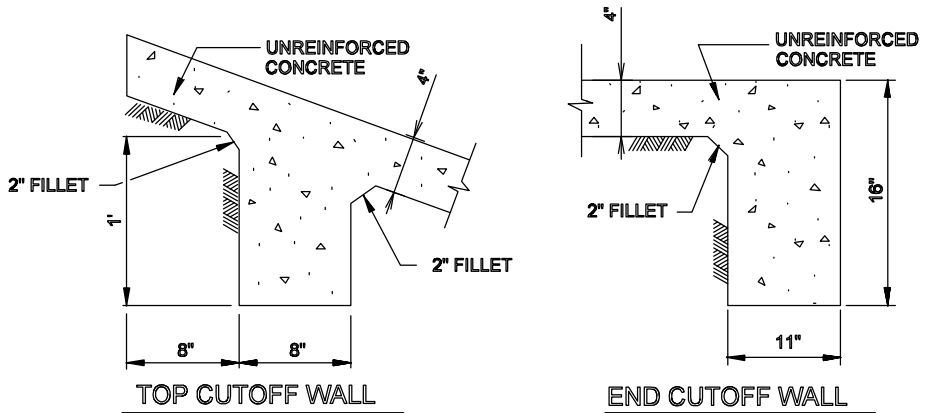
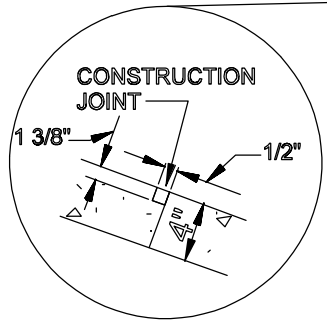
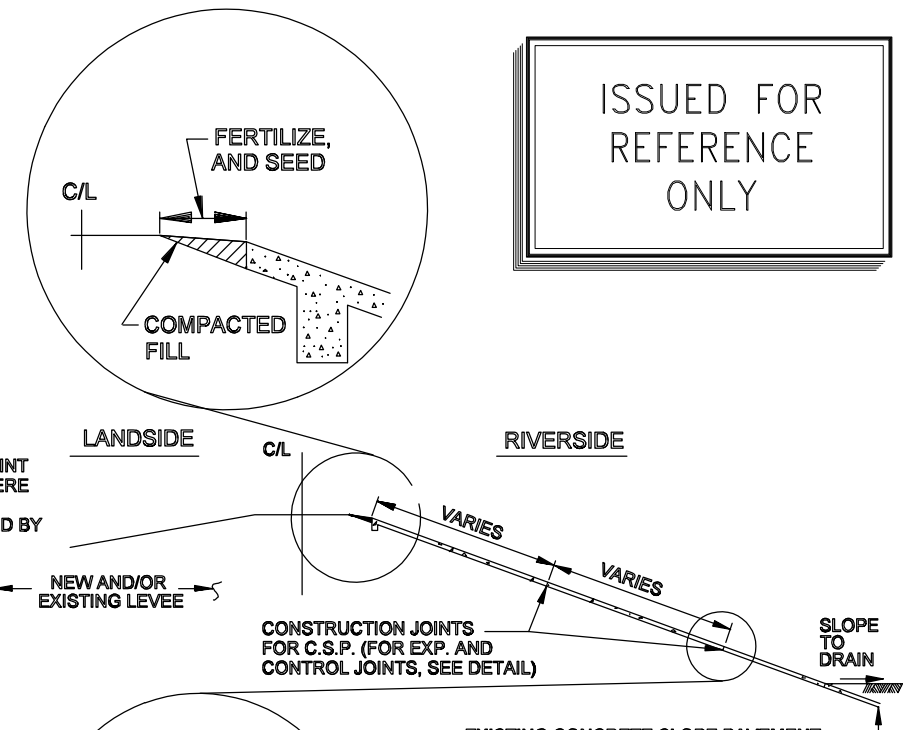
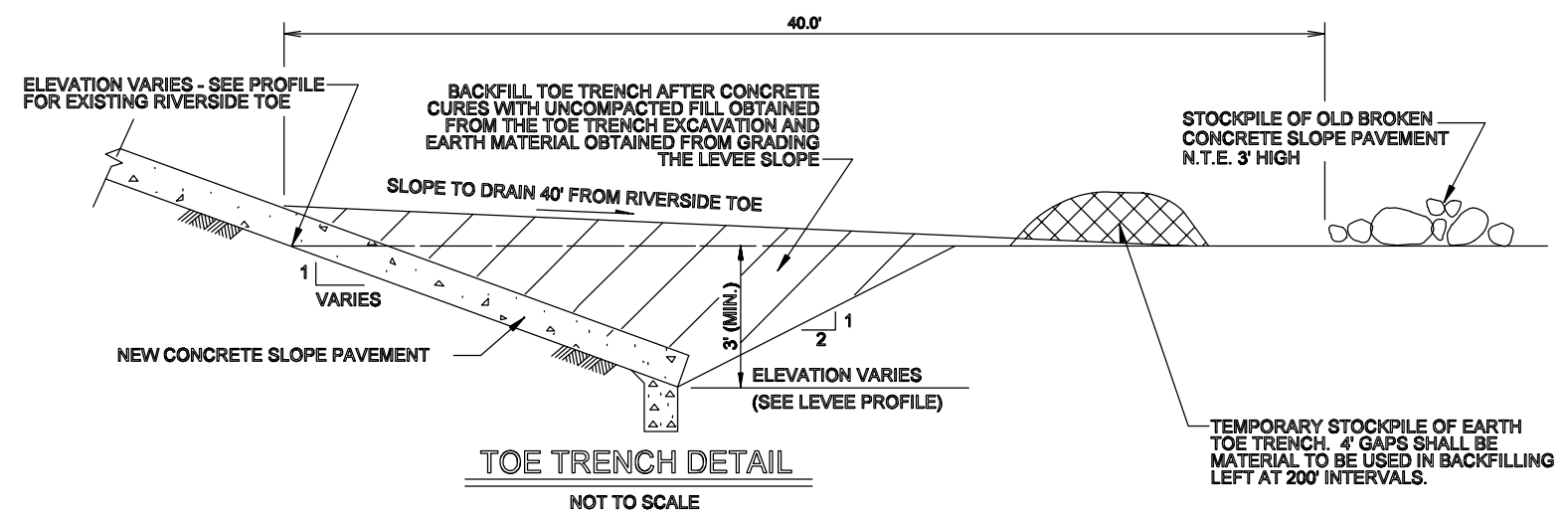
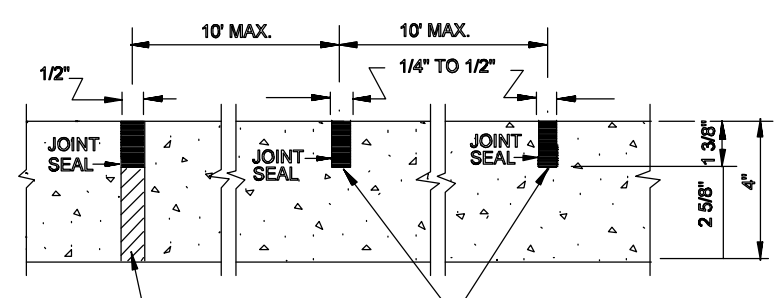
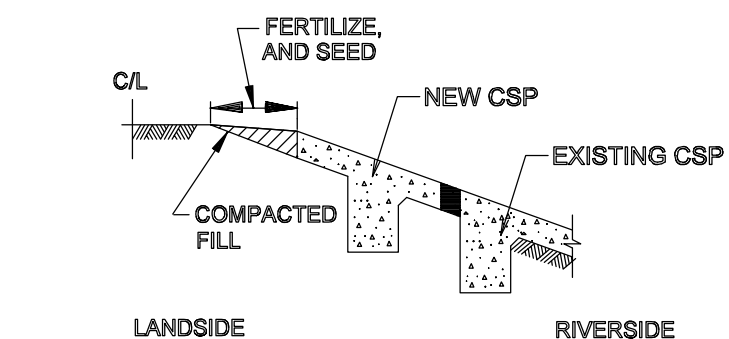
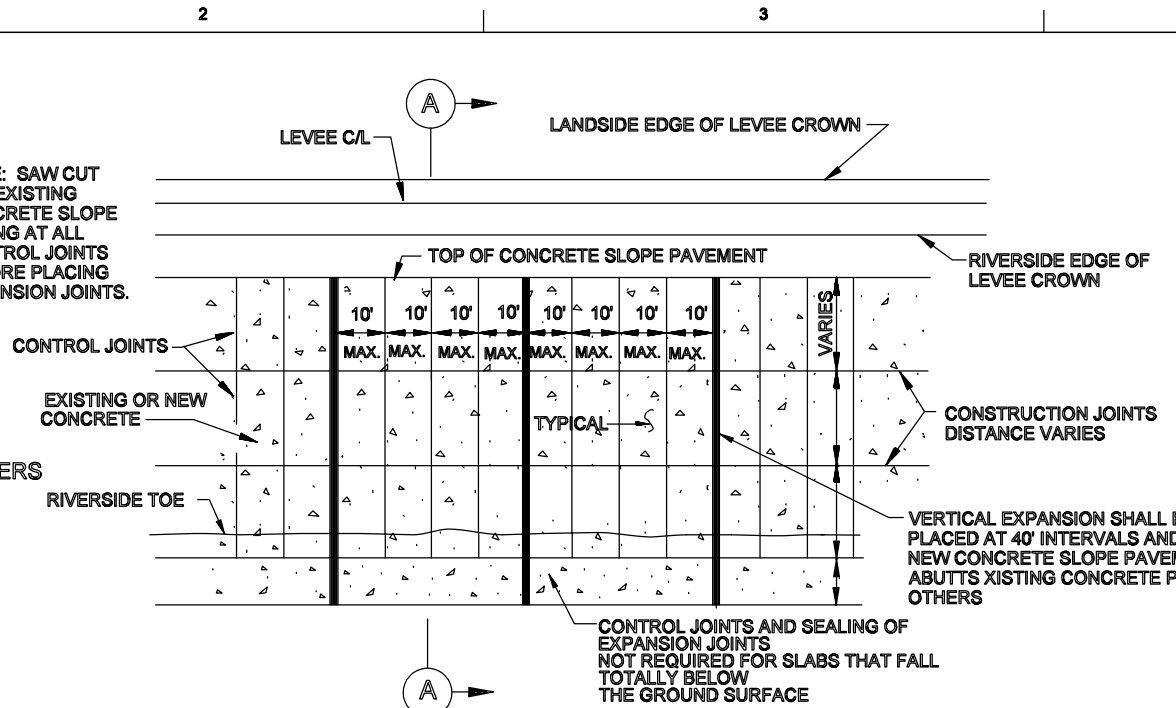
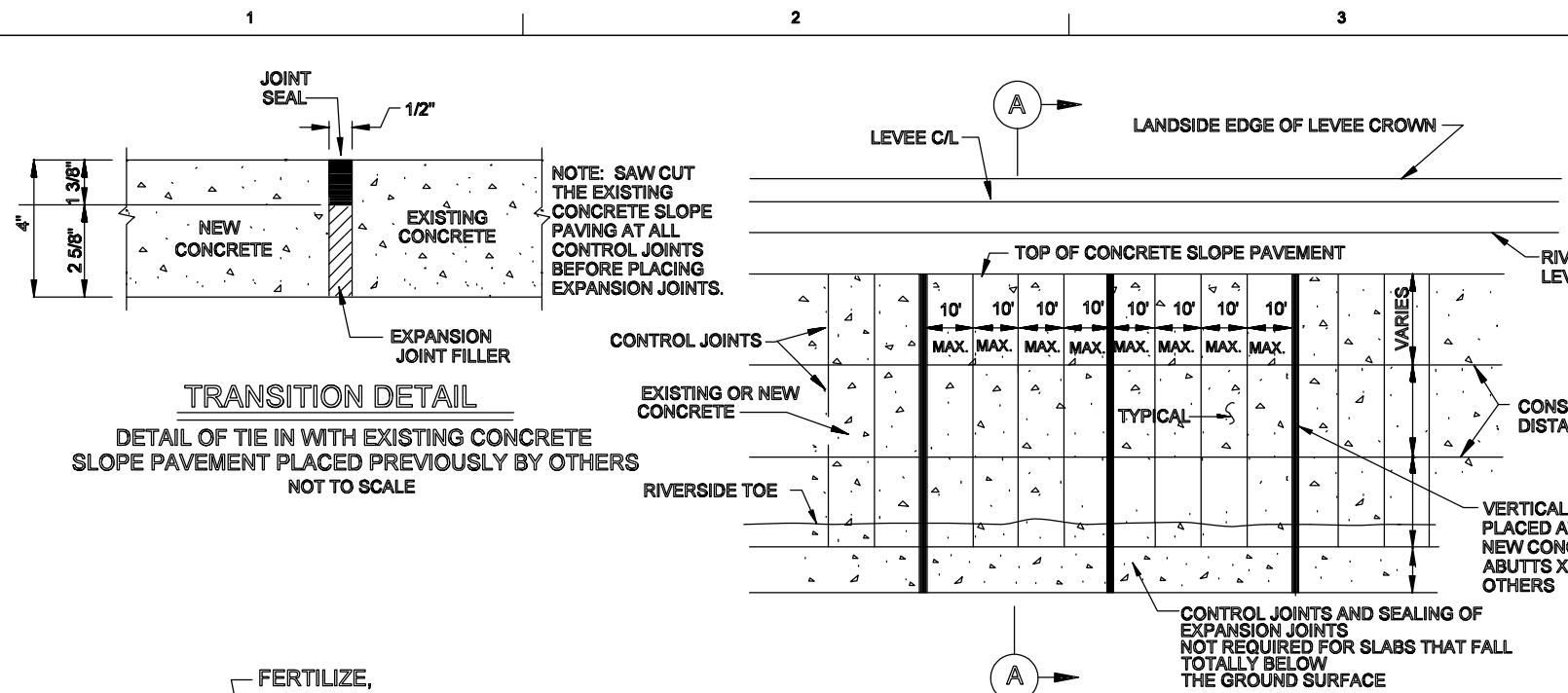
NO.	DATE	REVISIONS	BY	CHK.	APPR.	REFERENCE DRAWINGS
A	2/20/2025	ISSUE FOR INFORMATION	SCG	HMD	HMD	
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

Hargrove and Associates Inc.  
 4150 S Sherwood Forest Blvd - Ste 210  
 Baton Rouge, LA 70816  
 225.227.2000 - hargrove-epc.com

DITCH & REVETMENT MODIFICATIONS  
 MOSAIC SHIP DOCK  
 MISSISSIPPI RIVER - RIVER MILE MARKER 166.9  
 ST. JAMES, LOUISIANA

DRAWN BY SCG	DATE 1/28/2025	CONTRACT NO. -	OWNER NO. -
CHECKED BY HMD	DATE 2/20/2025	APPROVED BY -	DATE -
APPROVED BY HMD	DATE 1/28/2025	APPROVED BY -	DATE -
SCALE AS NOTED	DRAWING NUMBER SK-HAR-2461079-CS-006	REV. A	

11x17



NOTE:  
CONCRETE SLOPE PAVEMENT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1,600 PSI

ISSUED FOR REFERENCE ONLY

 US Army Corps of Engineers NEW ORLEANS DISTRICT	
DATE	APPR.
DESCRIPTION	MARK
DATE	APPR.
DESCRIPTION	MARK

DESIGNED BY:	DATE:	SOLICITATION NO.:
DRAWN BY:	CONTRACT NO.:	
CHECKED BY:		
APPROVED BY:		
FILE NAME:	FILE NUMBER:	
SIZE:	DATE:	
ANSI D:	12-03-2010	H-8-45782

PERMIT APPLICATION  
USACE LEVEE STANDARDS  
CONCRETE SLOPE PAVEMENT DETAILS  
LOUISIANA

SHEET IDENTIFICATION  
H-8-45782





DEPARTMENT OF ENERGY AND NATURAL RESOURCES

State/Local Concern Determinations

Application #: P20250562

Parish: SAINT JAMES

Date Completed: 07/22/2025

Louisiana Revised Statute 49:214 Types of Uses

A. No Local Program exists for the parish selected.

No Local Program

B. Uses of the Coastal Zone subject to the Coastal Use Permitting program shall be of two types:

(1) Uses of State Concern

- a. Any dredge or fill activities which intersects with more than one water body
- b. Projects involving use of state owned lands or water bottoms
- c. State publicly funded projects
- d. National interest projects
- e. Projects occurring in more than one parish
- f. All mineral activities
- g. All pipelines involved in mineral activities
- h. Energy facilities siting and development
- i. Uses of local concern which may significantly affect interests of regional, state, or national development

(2) Uses of Local Concern

- a. Privately funded projects which are not uses of state concern
- b. Publicly funded projects which are not uses of state concern
- c. Maintenance of uses of local concern
- d. Jetties or breakwaters
- e. Dredge or fill project not intersecting more than one water body
- f. Bulkheads
- g. Piers
- h. Camps and cattlewalks
- i. Maintenance dredging
- j. Private water control structures of less than \$15,000 in cost
- k. Uses of Cheniers, salt domes, or similar land forms

Comments:

Near Lafourche Basin Levee District Federal\_River\_Levee

Based on the above considerations, this Coastal Use Permit application has been determined to be a **Local Concern**

Kyle F. Balkum, Administrator



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

**Application Number:** 34541

**Permit Number:** P20250562

**Date Received:** 07/22/2025

### Step 1 of 15 - Applicant Information

**Applicant Name:** Mosaic Fertilizers

**Applicant Type:** INDUSTRY/OTHER

**Mailing Addr :** Attn: Gulf Sulphur Services, 9959 LA-18  
St James, LA 70086

**Contact Info:** Manuel Davila  
(813) 743-2603  
**Phone:**

**Fax:** -

**Email:** MANUEL.DAVILA@MOSAICCO.COM

### Step 2 of 15 - Agent Information

**Agent Name:**

**Mailing Addr:**

**Contact Info:**  
**Phone:**

**Fax:** -

**Email:**

### Step 3 of 15 - Permit Type

Coastal Use Permit (CUP)

Solicitation of Views (SOV)

Request for Determination (RFD)

### Step 4 of 15 - Pre-Application Activity

a. Have you participated in a Pre-Application or Geological Review Meeting for the proposed project?

No

Yes

Date meeting was held:

Attendees:

\_\_\_\_\_ (Individual or Company Rep)

\_\_\_\_\_ (OCM Representative)

\_\_\_\_\_ (COE Representative)

b. Have you obtained an official wetland determination from the COE for the project site?

No

Yes

If Yes, Please upload a copy with your application.

JD Number:

c. Is this application a mitigation plan for another CUP?

No

Yes

OCM Permit Number:

### Step 5 of 15 - Project Information







Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

Frontage ST. RIGHT onto LA-18 E for 1 mile. RIGHT onto Mosaic Faustina Ammonia Plant. Inside the plant, first LEFT. Follow road and cross 2 sets of train tracks. First RIGHT onto gravel road. Follow gravel road until the Sulfur Prill Pad is reached -END

**Step 7 of 15 - Adjacent Landowners** - See attached list

**Step 8 of 15 - Project Specifics**

**a. Project Name and/or Title:** SRF Containment Ditch Refurbishment

**b. Project Type:** Residential

**c. Jurisdiction:** Local Concern

**d. Source of Funding:** PRIVATE

**e. What will be done for the proposed project?**

- |   |   |  |  |
|---|---|--|--|
| <input type="checkbox"/> Bridge/Road            | <input type="checkbox"/> Home Site/Driveway | <input type="checkbox"/> Pipeline/Flow Line          | <input type="checkbox"/> Rip Rap/Erosion Control |
| <input type="checkbox"/> Bulkhead/Fill          | <input type="checkbox"/> Levee Construction | <input type="checkbox"/> Plug/Abandon                | <input type="checkbox"/> Site Clearance          |
| <input type="checkbox"/> Drainage Improvements  | <input type="checkbox"/> Dredging           | <input type="checkbox"/> Production Barge/Structure  | <input type="checkbox"/> Subdivision             |
| <input type="checkbox"/> Drill Barge/ Structure | <input type="checkbox"/> Prop Washing       | <input type="checkbox"/> Vegetative Plantings        | <input type="checkbox"/> Wharf/Pier/Boathouse    |
| <input checked="" type="checkbox"/> Drill Site  | <input type="checkbox"/> Pilings            | <input type="checkbox"/> Remove Structures           |  |
| <input type="checkbox"/> Fill                   | <input type="checkbox"/> Marina             | <input type="checkbox"/> Major Industrial/Commercial |  |
| <input type="checkbox"/> Other:                 |   |  |  |

**f. Why is the proposed project needed?**

The proposed project is needed to make concrete repairs to the adjacent water trench

**Step 9 of 15 - Project Status**

**a. Proposed start date:** 08/25/2025                      **Proposed completion date:** 12/19/2025

**b. Is any of the project work in progress?**

No                       Yes

**c. Is any of the project work completed?**

No                       Yes

**Step 10 of 15 - Structures, Materials, and Methods for the Pr**



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

# Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

**a. Excavations**

1.3 Cubic Yards                                  Acres

**b. Fill Areas**

1.3 Cubic Yards                                  Acres

**c. Fill Materials**

- |  |   |
|--|---|
| <input type="checkbox"/> Concrete:                                  Cubic Yards<br><input type="checkbox"/> Crushed Stone or Gravel:                                  Cubic Yards<br><input checked="" type="checkbox"/> Excavated and Placed onsite :                                  1.3 Cubic Yards<br><input type="checkbox"/> Excavated and hauled offsite:                                  Cubic Yards<br><input type="checkbox"/> Other:                                  Cubic Yards | <input type="checkbox"/> Rock:                                  Cubic Yards<br><input type="checkbox"/> Sand:                                  Cubic Yards<br><input type="checkbox"/> Hauled in Topsoil/Dirt:                                  Cubic Yards |
|--|---|

**d. What equipment will be used for the proposed project?**

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Airboat<br><input checked="" type="checkbox"/> Backhoe<br><input type="checkbox"/> Barge Mounted Bucket Dredge<br><input type="checkbox"/> Barge Mounted Drilling Rig<br><input type="checkbox"/> Other: | <input type="checkbox"/> Bulldozer/Grader<br><input type="checkbox"/> Dragline/Excavator<br><input type="checkbox"/> Handjet<br><input type="checkbox"/> Land Based Drilling Rig | <input type="checkbox"/> Marsh Buggy<br><input type="checkbox"/> Other Tracked or Wheeled Vehicles<br><input type="checkbox"/> Self Propelled Pipe Laying Barge<br><input type="checkbox"/> Tugboat |
|---|--|---|

**Step 11 of 15 - Project Alternatives**

**a. Total acres of wetlands and/or waterbottoms filled and/or excavated.**

0 acres

**b. What alternative locations, methods, and access routes were considered to avoid impact to wetlands and/or waterbottoms?**

No alternative location possible due to location of water trench

**c. What efforts were made to minimize impact to wetlands and/or waterbottoms?**

Depth to dig is limited to 5 feet. No wetlands or waterbottoms near project site.

**d. How are unavoidable impacts to vegetated wetlands to be mitigated?**

No wetlands or waterbottoms near project site.



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

### Step 12 of 15 - Permit Type and Owners

**a. Are you applying for a Coastal Use Permit?**

No                       Yes

**b. Are you the sole landowner / oyster lease holder?**

No                       Yes

- The applicant is an owner of the property on which the proposed described activity is to occur.
- The applicant has made reasonable effort to determine the identity and current address of the owner(s) of the land on which the proposed described activity is to occur, which included, a search of the public records of the parish in which the proposed activity is to occur.
- The applicant hereby attests that a copy of the application has been distributed to the following landowners / oyster lease holders. See attached list.

**c. Does the project involve drilling, production, and/or storage of oil and gas?**

No                       Yes      **If yes, you must attach a list of all state and federal laws and rules and regulations dealing with spill prevention and containment.**

### Step 13 of 15 - Maps and Drawing Instructions

Note: OCM Compiled Plats consist of a complete and current set of plats that have been pieced together by OCM using only the most current portions of the plat files provided by the applicant/agent. All out-of-date plats have been excluded.

P20250562\_CompiledPlats.pdf

07/22/2025 09:01:31 AM

### Step 14 of 15 - Payment

The fee for this permit is: \$ 0.00

### Step 15 of 15 - Payment Processed

**Applicant Information**

**Applicant Name:** Mosaic Fertilizers  
**Address:** Attn: Gulf Sulphur Services, 9959 LA-18  
  
St James, LA 70086

To the best of my knowledge the proposed activity described in this permit application complies with, and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. If applicable, I also certify that the declarations in Step 12c, oil spill response, are complete and accurate.



Louisiana Department of Energy  
and Natural Resources  
Office of Coastal Management

## Joint Permit Application For Work Within the Louisiana Coastal Zone



U.S. Army Corps of Engineers  
(COE)  
New Orleans District

### Landowners List

Adjacent Landowner  
Americas Styrenics LLC  
9901 HWY 18  
St James, LA 70086

Adjacent Landowner  
Mosaic Fertilizer LLC - Faustina  
7250 HWY 44  
St James, LA 70086

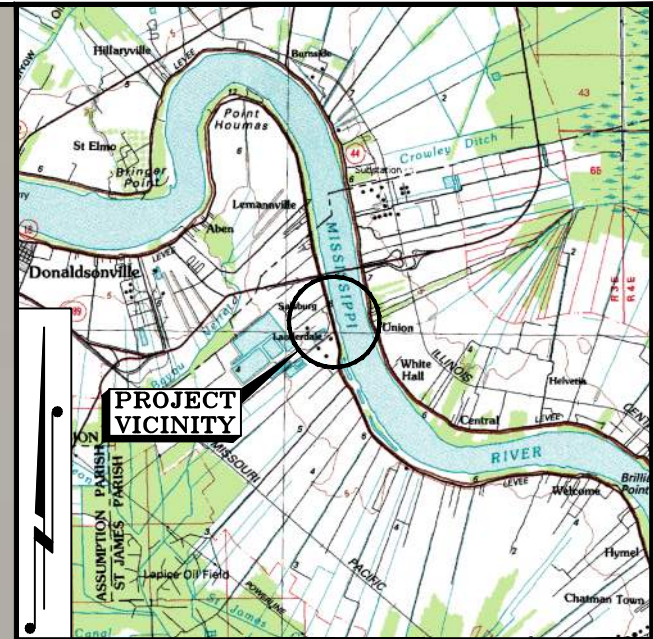
Adjacent Landowner  
Valero Marketing & Supply Company  
10455 HWY 18  
St James, LA 70086



17/2025 - P.Y-2024\2024\_1810\SURVEYCORE SURVEYDRAWINGS\2024\_1810BM.DWG

PROPOSED TEMPORARY WELLS				
WELL No.	LEVEE STATION	COORDINATES (NAD83)		ELEV.
		N	E	
1	444+32	577,465.66	3,412,498.78	18.1
2	444+15	577,491.73	3,412,532.11	18.1
3	443+94	577,523.19	3,412,572.33	18.4
4	443+45	577,599.01	3,412,669.87	18.4
5	443+24	577,645.47	3,412,729.55	18.5
6	442+60	577,740.44	3,412,852.11	19.0
7	441+38	577,863.72	3,412,819.01	19.2

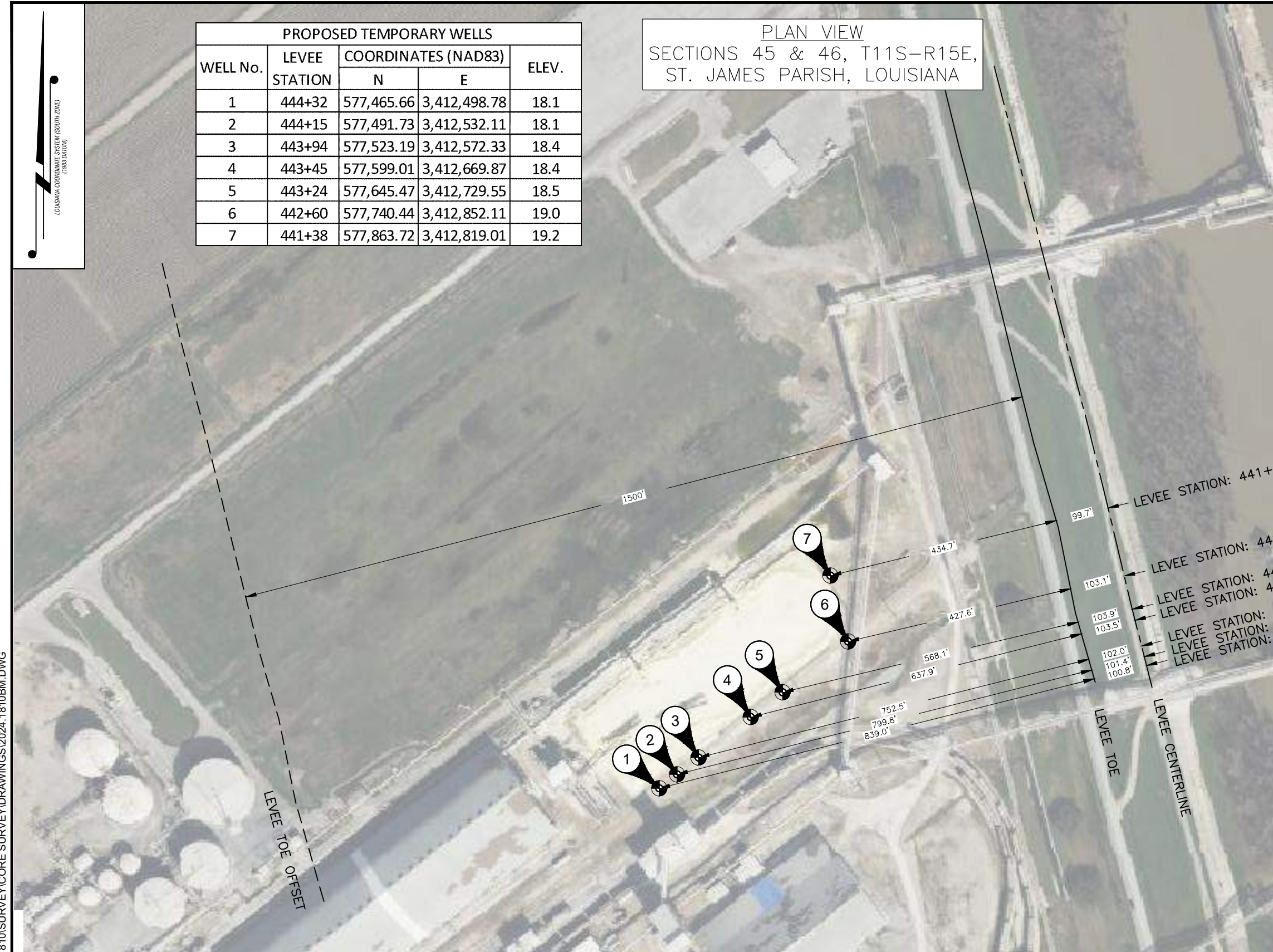
PLAN VIEW  
SECTIONS 45 & 46, T11S-R15E,  
ST. JAMES PARISH, LOUISIANA



VICINITY MAP  
NOT TO SCALE

LEGEND:

	LEVEE CENTERLINE
	LEVEE TOE
	1500' LEVEE TOE OFFSET
	PROPOSED TEMPORARY WELL



I CERTIFY THAT THE SURVEY DEPICTED ON THIS PLAT WAS PERFORMED ON THE GROUND UNDER MY SUPERVISION IN ACCORDANCE WITH GENERALLY ACCEPTED SURVEY PRACTICES. THIS SURVEY DOES NOT MEET THE STANDARDS OF PRACTICE FOR BOUNDARY SURVEYS AS SET FORTH BY THE LOUISIANA PROFESSIONAL ENGINEERS AND LAND SURVEYORS BOARD.

APPROVED: 01/07/2025  
**RENE J. HEBERT, P.L.S.**  
 LA REG. LAND SURVEYOR NO. 5070

- NOTES:
- 1) THE FIELD SURVEY WAS COMPLETED ON DECEMBER 18, 2024.
  - 2) THIS DRAWING IS TO BE USED ONLY FOR THE ACQUISITION OF REGULATORY PERMITS. THIS SURVEY DOES NOT MEET THE STANDARDS OF PRACTICE FOR BOUNDARY SURVEYS AS SET FORTH BY THE LOUISIANA PROFESSIONAL ENGINEERS AND LAND SURVEYORS BOARD.
  - 3) PROPOSED WELLS ARE 1' DIAMETER AND 5' DEEP.

**T. BAKER SMITH**  
 A CENTURY OF SOLUTIONS  
 412 South Van Ave, Houma, LA 70363  
 (985)868-1050 - tbsmith.com

SCALE: 1" = 200'

REV. NO: 00	REV. DATE: --/--	REV. BY: --
REVISION DESCRIPTION:		
--		

DRAWN BY: BNA	APPROVED BY: RJH
DATE: 01/07/2025	JOB NO: 2024.1810
DRAWING NAME: 2024.1810BM.DWG	
PROJECTION: LOUISIANA SOUTH STATE PLANE GEO. DATUM: NAD83   VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	
SHEET NO: 1	OF 1

PERMIT DRAWING

MOSAIC  
DRAWING SHOWING PROPOSED TEMPORARY WELLS  
IN RELATION TO THE MISSISSIPPI RIVER  
LEVEE AT MOSAIC FAUSTINA FACILITY  
LOCATED IN SECTIONS 45 & 46, T11S-R15E  
ST. JAMES PARISH, LOUISIANA

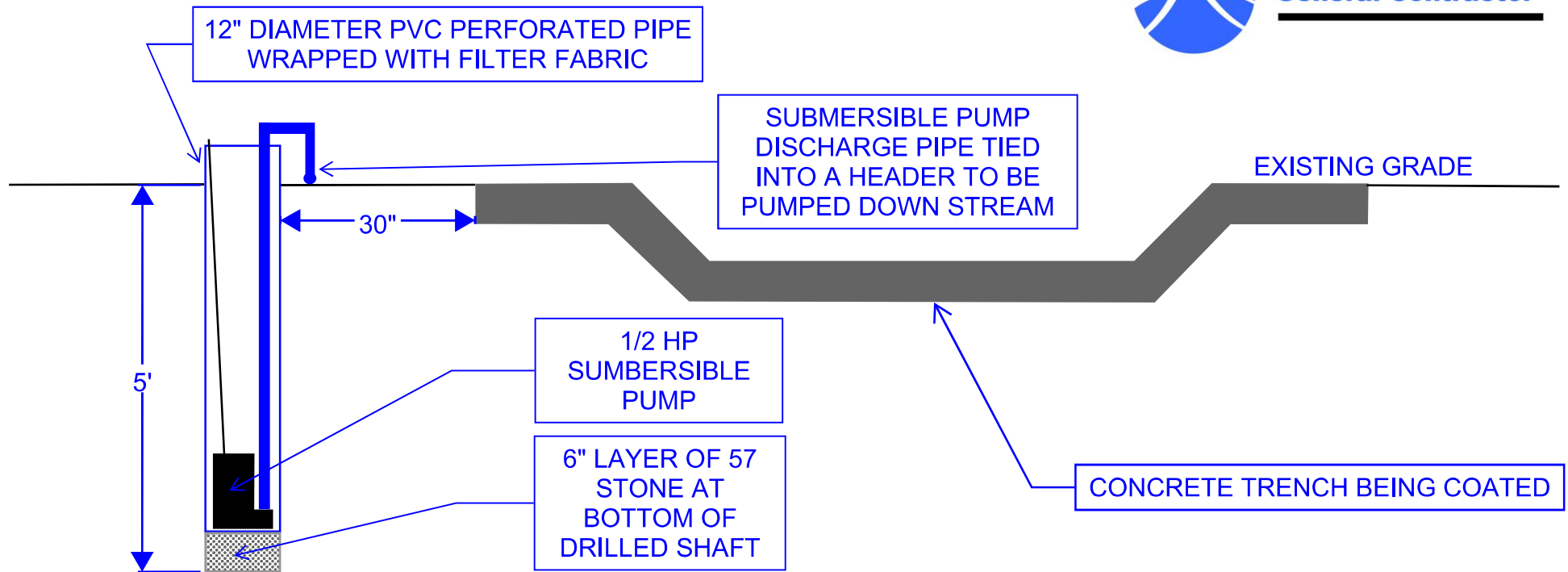


## MOSAIC WELL POINT SYSTEM FOR GROUNDWATER DRAW DOWN



SKR Construction Corp.

**General Contractor**



1. DRILL 12" DIAMETER x 5' DEEP SHAFT 30" FROM THE EDGE OF THE TRENCH. SHAFTS TO BE REPEATED EVERY 20 FEET ALONG THE AREA TO BE WORKED IN THE TRENCH.
2. INSTALL 6" LAYER OF 57 STONE AT THE BOTTOM OF THE DRILLED SHAFT.
3. QUICKLY INSTALL THE 12" DIAMETER PERFORATED PIPE WRAPPED WITH FILTER FABRIC INTO THE SHAFT.
4. INSTALL A 1/2 HP SUBMERSIBLE PUMP INTO PIPE AND TIE INTO A 2" PVC HEADER DIRECTED TO DOWN STREAM AWAY FROM THE TRENCH. SUBMERSIBLE PUMPS WILL BE POWERED BY GENERATOR.
5. PUMPS ARE TO BE RAN CONTINUOUSLY TO DRAW DOWN THE GROUNDWATER NEAR THE CONCRETE TRENCH, TO STOP THE WATER FROM PUMPING UP THROUGH TRENCH JOINTS ALONG THE BOTTOM.