

# JOINT PUBLIC NOTICE

July 16, 2018

United States Army Corps of Engineers  
New Orleans District  
Regulatory Branch  
7400 Leake Avenue  
New Orleans, Louisiana 70118

State of Louisiana  
Department of Environmental Quality  
Water Permits Division  
Post Office Box 4313  
Baton Rouge, Louisiana 70821-4313

(504) 862-1577  
Project Manager  
Patricia Clune  
[Patricia.R.Clune@usace.army.mil](mailto:Patricia.R.Clune@usace.army.mil)  
MVN 2018-00175-CE

(225) 219-3225  
Project Manager  
Elizabeth Hill  
WQC Application Number  
WQC # 180706-02

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

Application has also been made to the Louisiana Department of Environmental Quality, Water Permits Division, for a Water Quality Certification (WQC) in accordance with statutory authority contained in LRS30:2047 A(3), and provisions of Section 401 of the Clean Water Act (P.L.95-17).

## **AFTER THE FACT PERMIT FOR A DRAINAGE IMPROVEMENT PROJECT IN LIVINGSTON PARISH**

**NAME OF APPLICANT:** Livingston Parish Gravity Drainage District No. 2, c/o D&S Environmental Services, Inc., P.O. Box 510, French Settlement, Louisiana 70733.

**LOCATION OF WORK:** In Reinninger Lateral and adjacent wetlands beginning 15,000 feet north of Highway 1019 (Springfield Road) (Latitude: 30.625494, Longitude: -90.870797) and south to the intersection of West Colyell in Livingston Parish, within the Amite River basin in hydrological unit (HUC 08070202), as shown on the attached drawings in Sections 12, 13, 14, 23, 24, 26, 34 and 35, Township 5 South, Range 3 East.

The work described below was completed prior to obtaining a Department of the Army permit and was in violation of Section 301 of the Clean Water Act. All legal issues concerning the unauthorized work have since been deferred.

**CHARACTER OF WORK:** The applicant has requested a Department of the Army permit to construct and maintain a 20' wide x 28,700' long access and maintenance corridor along Reinninger Lateral. The project will entail the filling of 4.24 acres of wetlands and the excavation of 17.46 acres of Reinninger Lateral totaling 3,444 cubic

yards of material. The applicant stated that the proposed project was designed to avoid and minimize direct and secondary adverse impacts to the maximum extent practicable.

The applicant may be required to fully or partially restore the site to pre-project conditions if issuance of a permit is determined to be contrary to the public interest.

The comment period for the Department of the Army Permit modification and the Louisiana Department of Environmental Quality WQC will close **20 days** from the date of this joint public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit and/or this WQC request and must be mailed so as to be received before or by the last day of the comment period. Letters concerning the Corps of Engineers permit modification application must reference the applicant's name and the Permit Application Number, and be mailed to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH**. **Similar letters concerning the Water Quality Certification must reference the applicant's name and the WQC Application number and be mailed to the Louisiana Department of Environmental Quality at the address above.** Individuals or parties may request an extension of time in which to comment on the proposed work by writing or e-mailing the Corps of Engineers Project Manager listed above. Any request must be specific and substantively supportive of the requested extension, and received by this office prior to the end of the initial comment period. The Section Chief will review the request and the requestor will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous to the initial comment period and, inclusive of the initial comment period, will not exceed a total of 30 calendar days.

The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined during weekdays between 8:00 a.m. and 4:30 p.m. Copies may be obtained upon payment of costs of reproduction.

### **Corps of Engineers Permit Criteria**

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers is soliciting comments from the public, federal, state, and local agencies and officials, Indian Tribes, and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to make, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

The New Orleans District is unaware of properties listed on the National Register of Historic Places near the proposed work. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. Copies of this notice are being sent to the State Archeologist and the State Historic Preservation Officer.

Our initial finding is that the proposed work would not affect any species, nor affect any habitat designated as critical to the survival and recovery of such species, listed as endangered by the U.S. Department of Interior. Utilizing Standard Local Operating Procedure for Endangered Species in Louisiana (SLOPES), dated October 22, 2014, between the U.S. Army Corps of Engineers, New Orleans and U.S. Fish and Wildlife Service, Ecological Services Office, the Corps has determined that the proposed activity would have no effect on any listed species.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal would not result in the destruction or alteration of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not violate applicable water quality standards has been issued from the Department of Environmental Quality, Water Quality Certifications Section under permit number WQC-180706-02.

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

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

John M Herman  
Chief, Central Evaluation Section  
Regulatory Branch

Enclosure

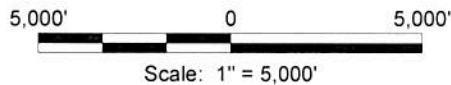
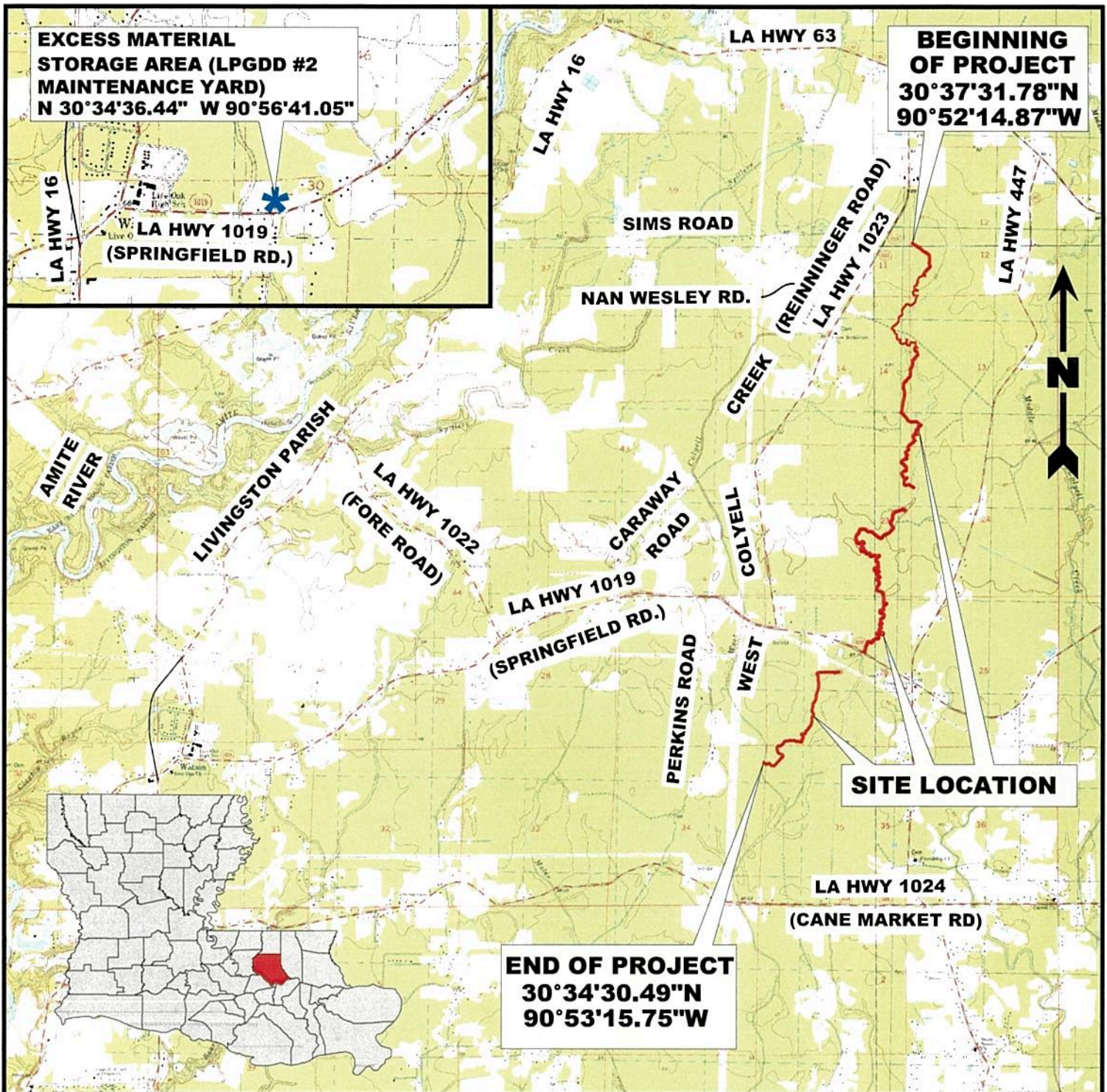


**Legend**

- Brownsfield
- ☒ Cash Magic L
- 🏠 Feature 1
- ☐ Live Oak Ball
- ▣ Premier Conc
- ✈ Rebel Field







**Notes**

Property is located in Sections 12, 13, 14, 23, 24, 26, 34 and 35 T-5-S, R-3-E  
 Beginning of Project: Latitude: 30°37'31.78\"N Longitude: 90°52'14.87\"W  
 End of Project: Latitude: 30°34'30.49\"N Longitude: 90°53'15.75\"W

**Reference**

Base map comprised of U.S.G.S. 7.5 minute topographic maps "Watson, LA", "Satsuma, LA", "Pride, LA" and "Pine Grove, LA".

**Livingston Parish Gravity Drainage District No. 2**

**Reininger Lateral Maintenance Project**

**Vicinity Map**

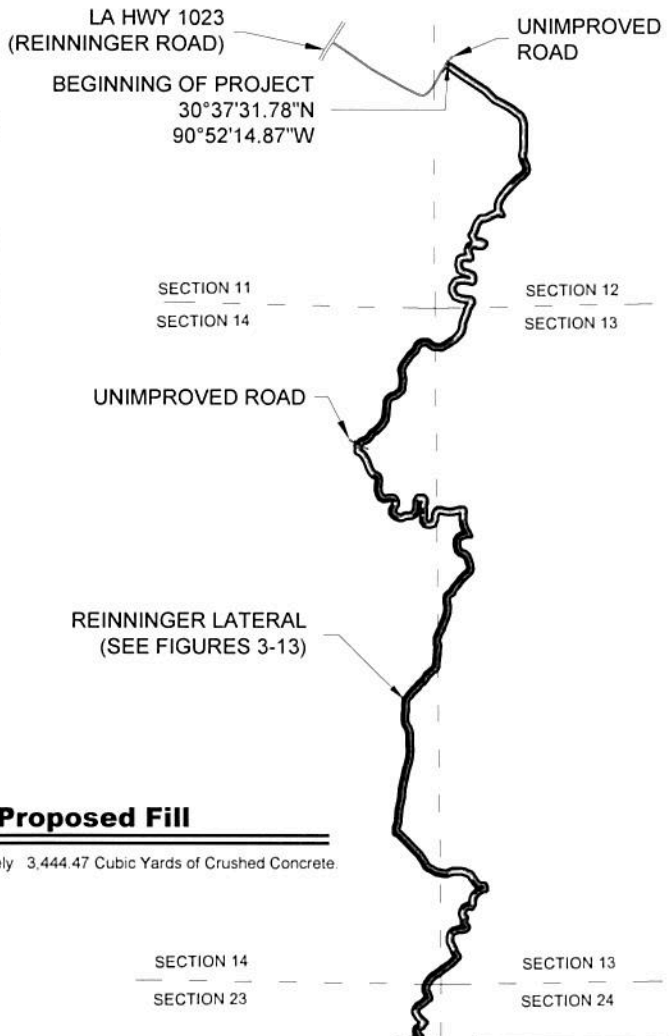
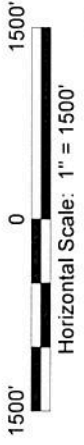
Livingston Parish, Louisiana



**D & S ENVIRONMENTAL SERVICES, INC.**



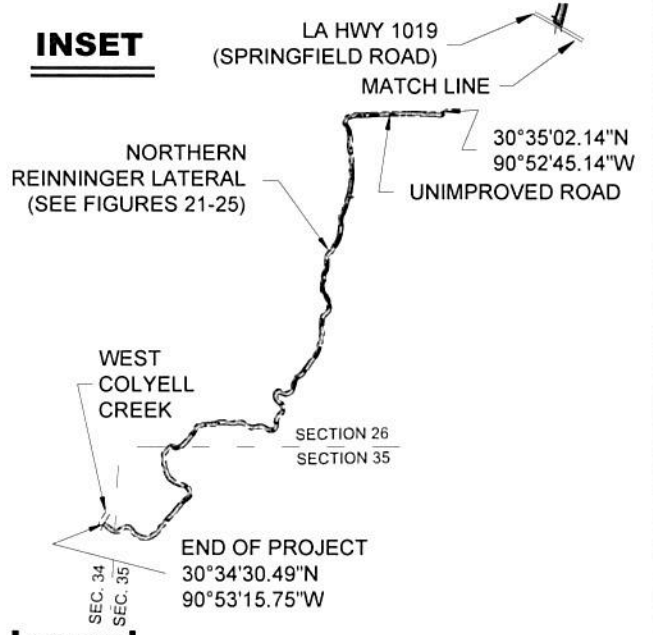




**Total Proposed Fill**

Approximately 3,444.47 Cubic Yards of Crushed Concrete.

**INSET**

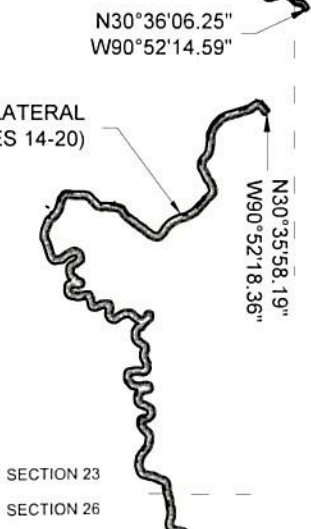


**Legend**

- Property Boundary (30.26 Acres)
- Non-Wetlands (7.13 Acres)
- Total Jurisdictional Wetlands (5.63 Acres)
- ▨ Jurisdictional Wetlands To Be Excavated/Filled (4.24 Acres)
- ▨ Jurisdictional Wetlands Not To Be Impacted (1.39 Acres)
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**Notes**

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LA HWY 1019 (SPRINGFIELD ROAD) (MATCH LINE - SEE INSET ON THIS SHEET)

**Livingston Parish Gravity Drainage District No. 2**

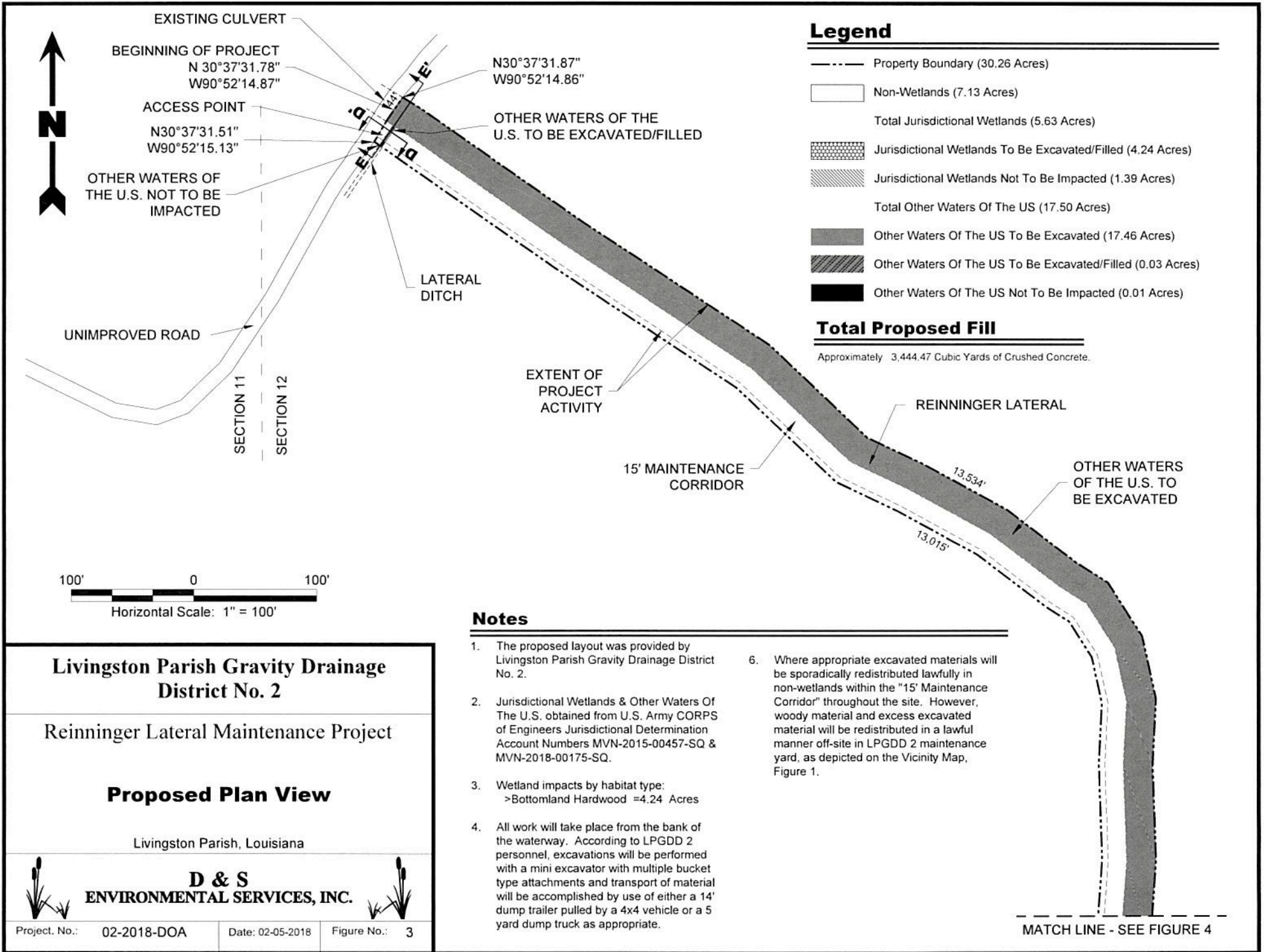
**Reininger Lateral Maintenance Project Overall Proposed Plan View**

Livingston Parish, Louisiana



**D & S ENVIRONMENTAL SERVICES, INC.**





**Livingston Parish Gravity Drainage District No. 2**

**Reinninger Lateral Maintenance Project**

**Proposed Plan View**

Livingston Parish, Louisiana



**D & S ENVIRONMENTAL SERVICES, INC.**



Project No.: 02-2018-DOA

Date: 02-05-2018

Figure No.: 3

**Notes**

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MATCH LINE - SEE FIGURE 4



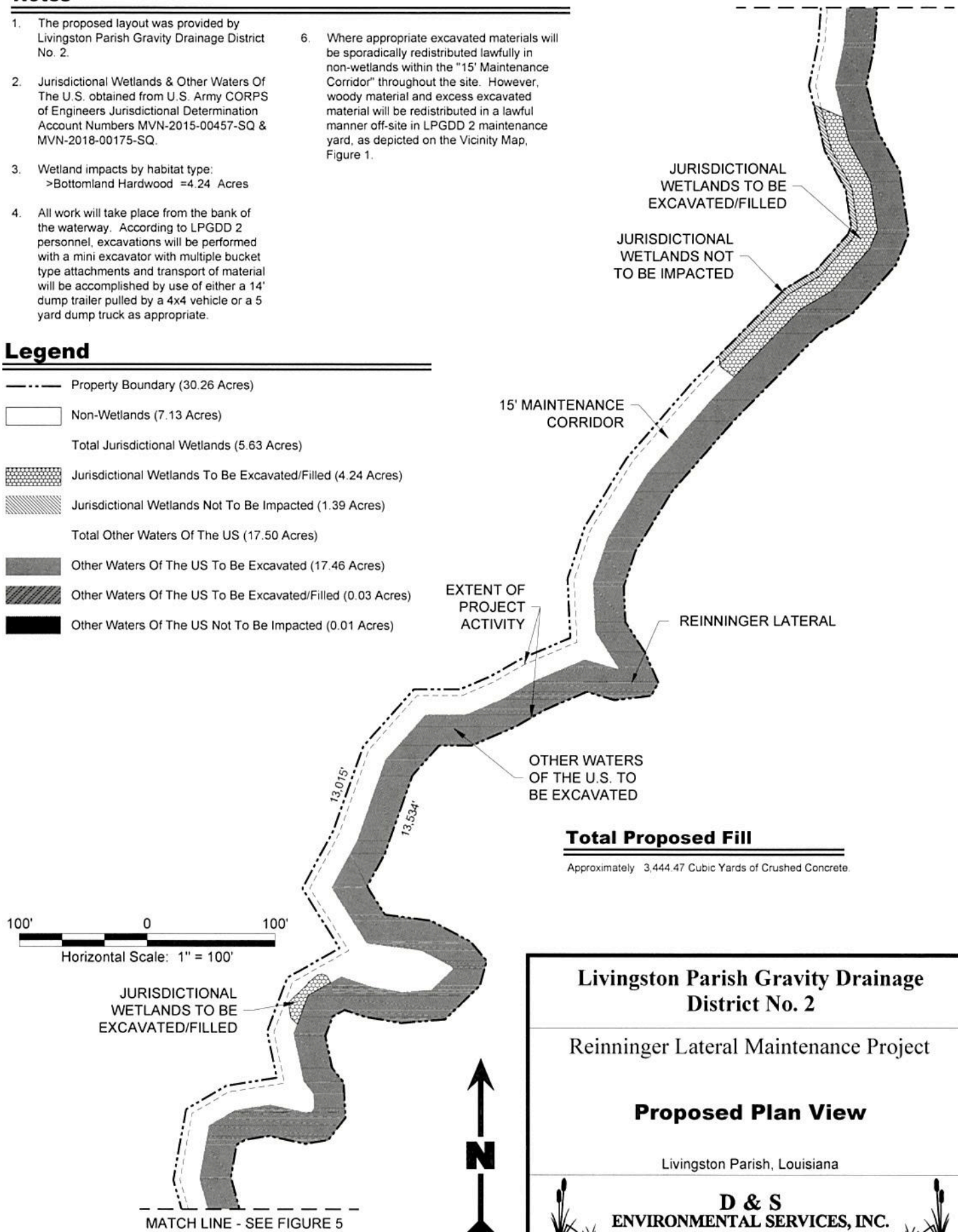
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MATCH LINE - SEE FIGURE 3



**Total Proposed Fill**  
 Approximately 3,444.47 Cubic Yards of Crushed Concrete

**Livingston Parish Gravity Drainage District No. 2**

Reinninger Lateral Maintenance Project

**Proposed Plan View**

Livingston Parish, Louisiana

**D & S ENVIRONMENTAL SERVICES, INC.**

Project No.: 02-2018-DOA	Date: 02-05-2018	Figure No.: 4
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**Notes**

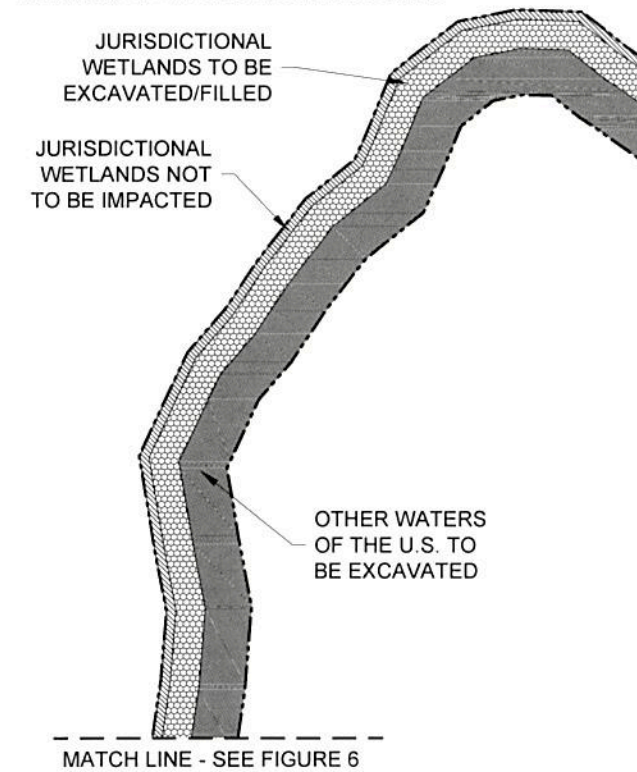
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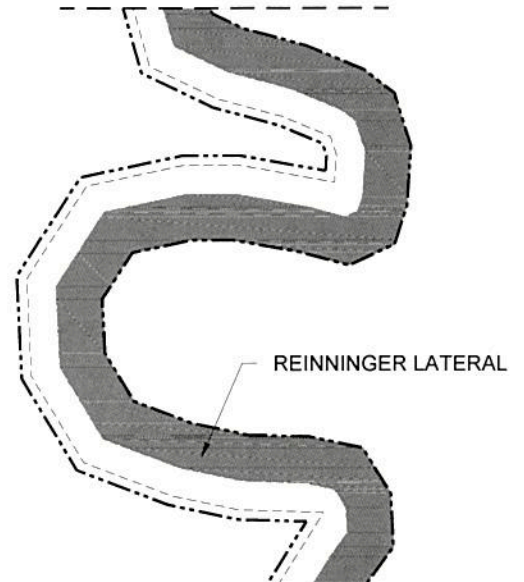
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MATCH LINE - SEE FIGURE 4



SECTION 12  
SECTION 13

15' MAINTENANCE CORRIDOR

EXTENT OF PROJECT ACTIVITY



**Livingston Parish Gravity Drainage District No. 2**

Reinninger Lateral Maintenance Project

**Proposed Plan View**

Livingston Parish, Louisiana

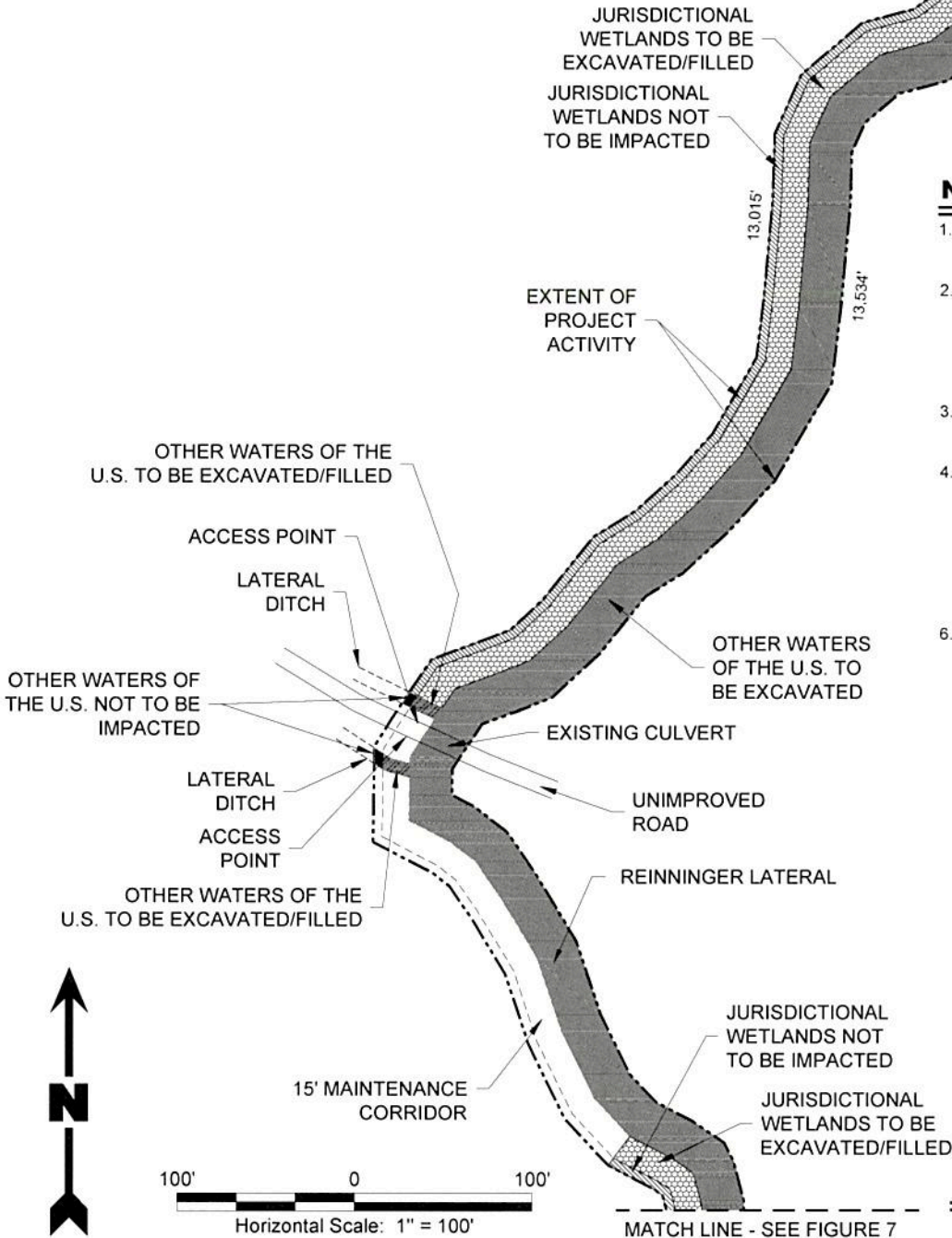


**D & S ENVIRONMENTAL SERVICES, INC.**





MATCH LINE - SEE FIGURE 5



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MATCH LINE - SEE FIGURE 7

**Livingston Parish Gravity Drainage District No. 2**

**Reinninger Lateral Maintenance Project**

**Proposed Plan View**

Livingston Parish, Louisiana



**D & S ENVIRONMENTAL SERVICES, INC.**



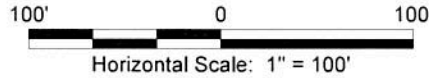
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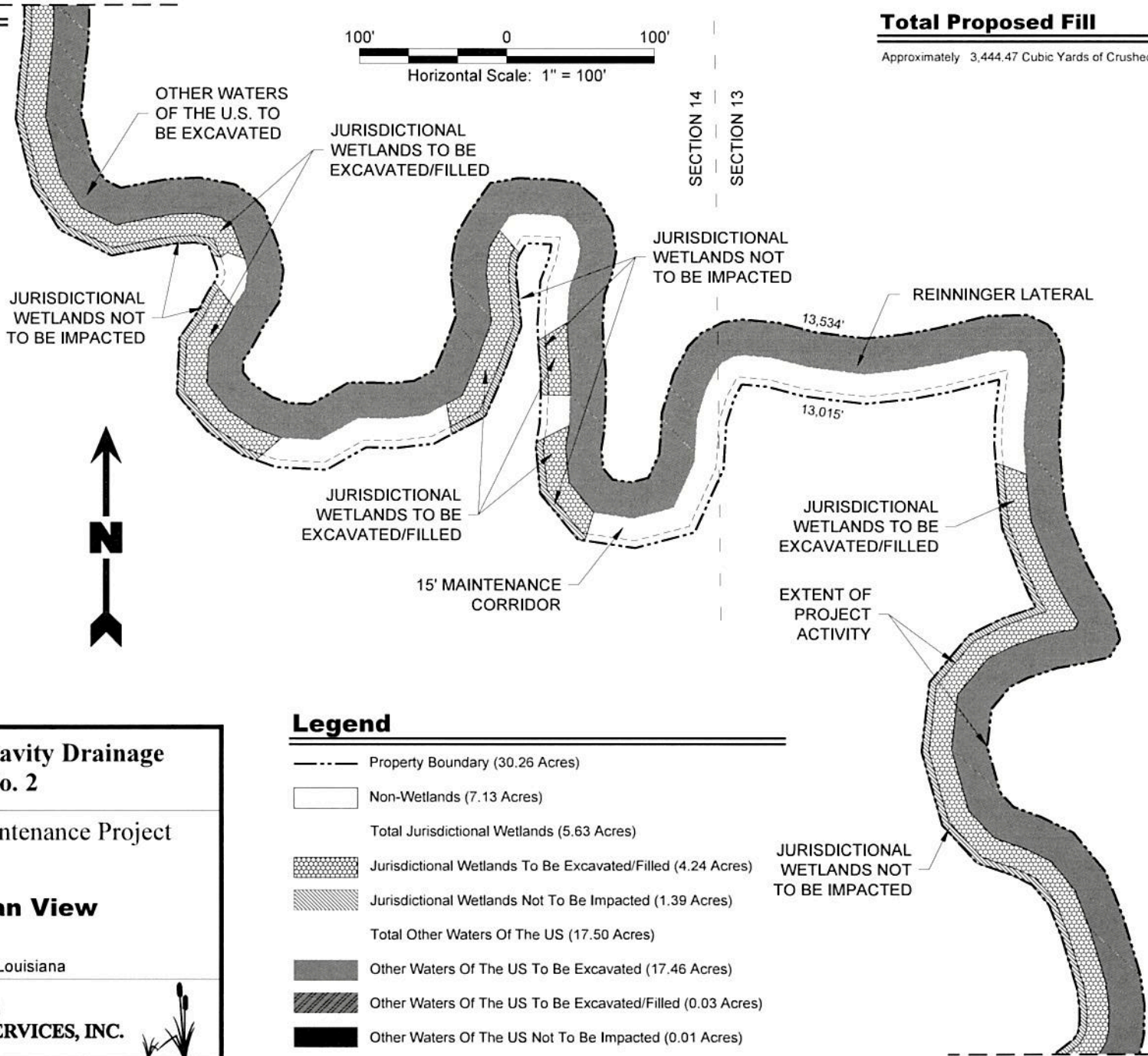
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MATCH LINE - SEE FIGURE 6



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JURISDICTIONAL WETLANDS NOT TO BE IMPACTED

EXTENT OF PROJECT ACTIVITY

JURISDICTIONAL WETLANDS TO BE EXCAVATED/FILLED

REINNINGER LATERAL

13,534'

13,015'

JURISDICTIONAL WETLANDS NOT TO BE IMPACTED

SECTION 14  
SECTION 13

JURISDICTIONAL WETLANDS TO BE EXCAVATED/FILLED

OTHER WATERS OF THE U.S. TO BE EXCAVATED

JURISDICTIONAL WETLANDS NOT TO BE IMPACTED

JURISDICTIONAL WETLANDS TO BE EXCAVATED/FILLED

15' MAINTENANCE CORRIDOR

**Livingston Parish Gravity Drainage District No. 2**

**Reinninger Lateral Maintenance Project**

**Proposed Plan View**

Livingston Parish, Louisiana



**D & S ENVIRONMENTAL SERVICES, INC.**



MATCH LINE - SEE FIGURE 8



# Livingston Parish Gravity Drainage District No. 2

## Reininger Lateral Maintenance Project

### Proposed Plan View

Livingston Parish, Louisiana



**D & S**  
ENVIRONMENTAL SERVICES, INC.



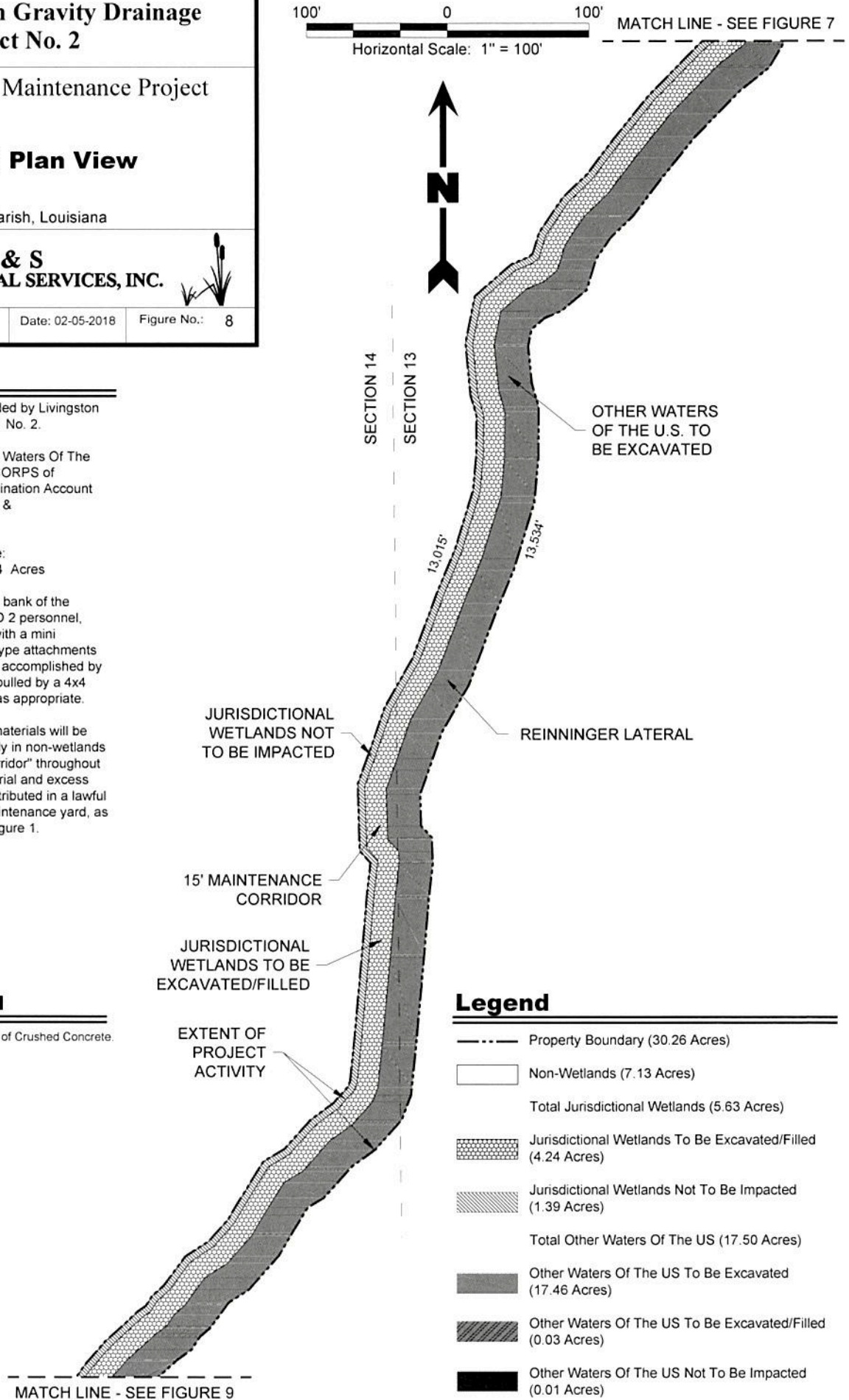
Project No.: 02-2018-DOA      Date: 02-05-2018      Figure No.: 8

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# Livingston Parish Gravity Drainage District No. 2

## Reininger Lateral Maintenance Project

### Proposed Plan View

Livingston Parish, Louisiana



**D & S**  
ENVIRONMENTAL SERVICES, INC.



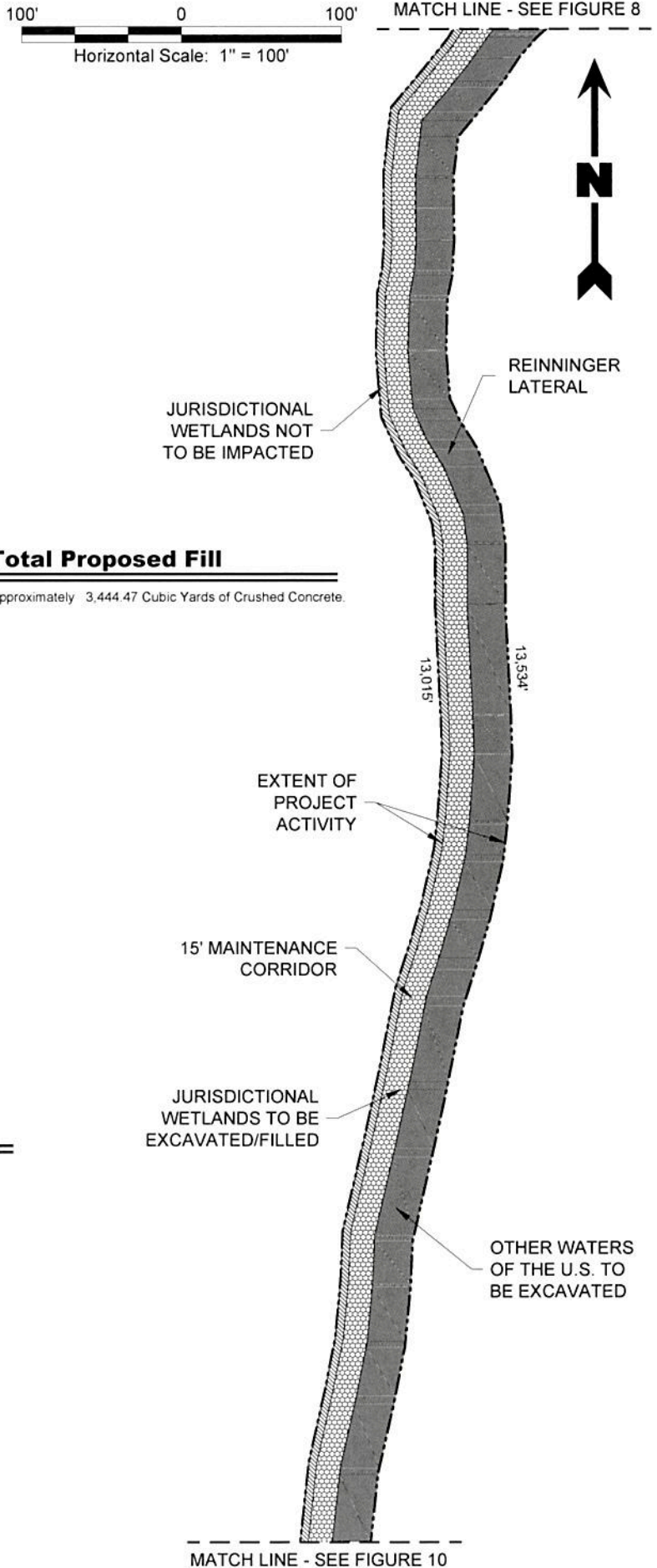
Project No.: 02-2018-DOA      Date: 02-05-2018      Figure No.: 9

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MATCH LINE - SEE FIGURE 9



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REINNINGER LATERAL

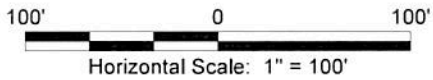
JURISDICTIONAL WETLANDS NOT TO BE IMPACTED

JURISDICTIONAL WETLANDS TO BE EXCAVATED/FILLED

EXTENT OF PROJECT ACTIVITY

13,534'

13,015'



SECTION 14

SECTION 13

15' MAINTENANCE CORRIDOR

JURISDICTIONAL WETLANDS TO BE EXCAVATED/FILLED

JURISDICTIONAL WETLANDS NOT TO BE IMPACTED

OTHER WATERS OF THE U.S. TO BE EXCAVATED

MATCH LINE - SEE FIGURE 11

## Livingston Parish Gravity Drainage District No. 2

### Reinninger Lateral Maintenance Project

### Proposed Plan View

Livingston Parish, Louisiana



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### Total Proposed Fill

Approximately 3,444.47 Cubic Yards of Crushed Concrete.

# Livingston Parish Gravity Drainage District No. 2

## Reinninger Lateral Maintenance Project

### Proposed Plan View

Livingston Parish, Louisiana



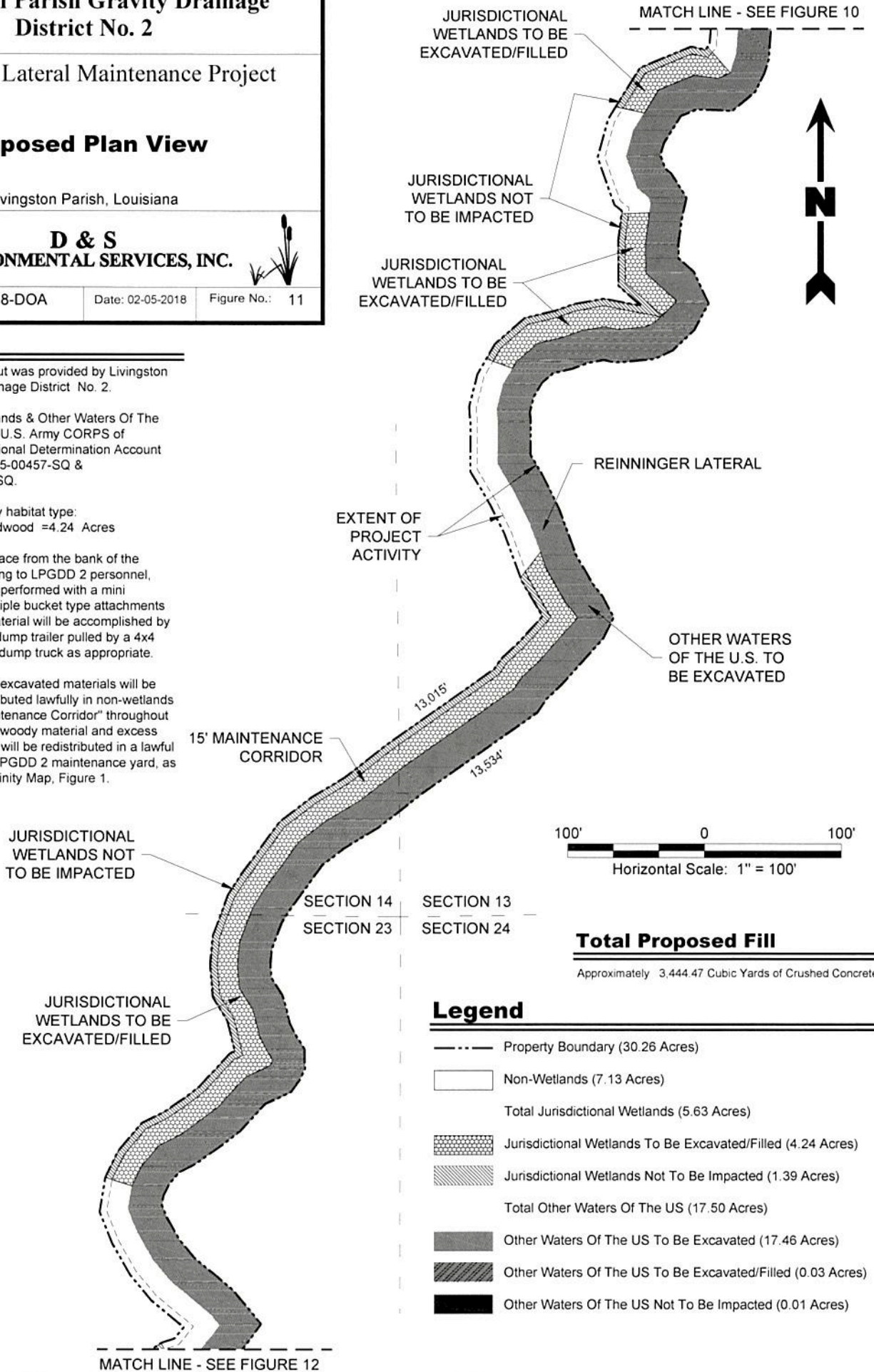
**D & S**  
ENVIRONMENTAL SERVICES, INC.



Project No.: 02-2018-DOA      Date: 02-05-2018      Figure No.: 11

#### Notes

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**Total Proposed Fill**  
Approximately 3,444.47 Cubic Yards of Crushed Concrete.

#### Legend

- Property Boundary (30.26 Acres)
- Non-Wetlands (7.13 Acres)
- Total Jurisdictional Wetlands (5.63 Acres)
- ▨ Jurisdictional Wetlands To Be Excavated/Filled (4.24 Acres)
- ▨ Jurisdictional Wetlands Not To Be Impacted (1.39 Acres)
- Total Other Waters Of The US (17.50 Acres)
- Other Waters Of The US To Be Excavated (17.46 Acres)
- ▨ Other Waters Of The US To Be Excavated/Filled (0.03 Acres)
- Other Waters Of The US Not To Be Impacted (0.01 Acres)



# Livingston Parish Gravity Drainage District No. 2

## Reininger Lateral Maintenance Project

### Proposed Plan View

Livingston Parish, Louisiana



**D & S**  
ENVIRONMENTAL SERVICES, INC.



Project No.: 02-2018-DOA      Date: 02-05-2018      Figure No.: 12

### Notes

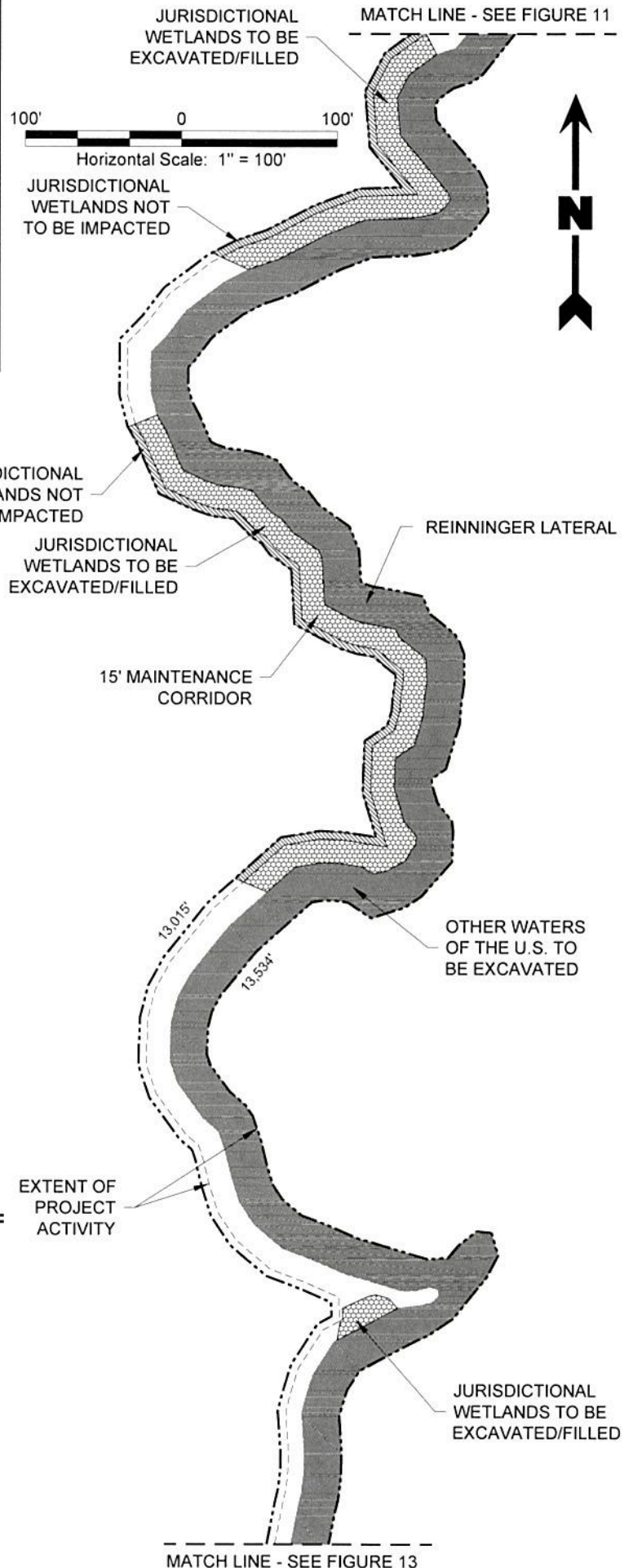
1. The proposed layout was provided by Livingston Parish Gravity Drainage District No. 2.
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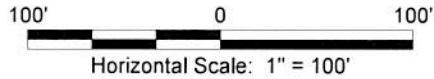
### Total Proposed Fill

Approximately 3,444.47 Cubic Yards of Crushed Concrete.

### Legend

- Property Boundary (30.26 Acres)
- Non-Wetlands (7.13 Acres)
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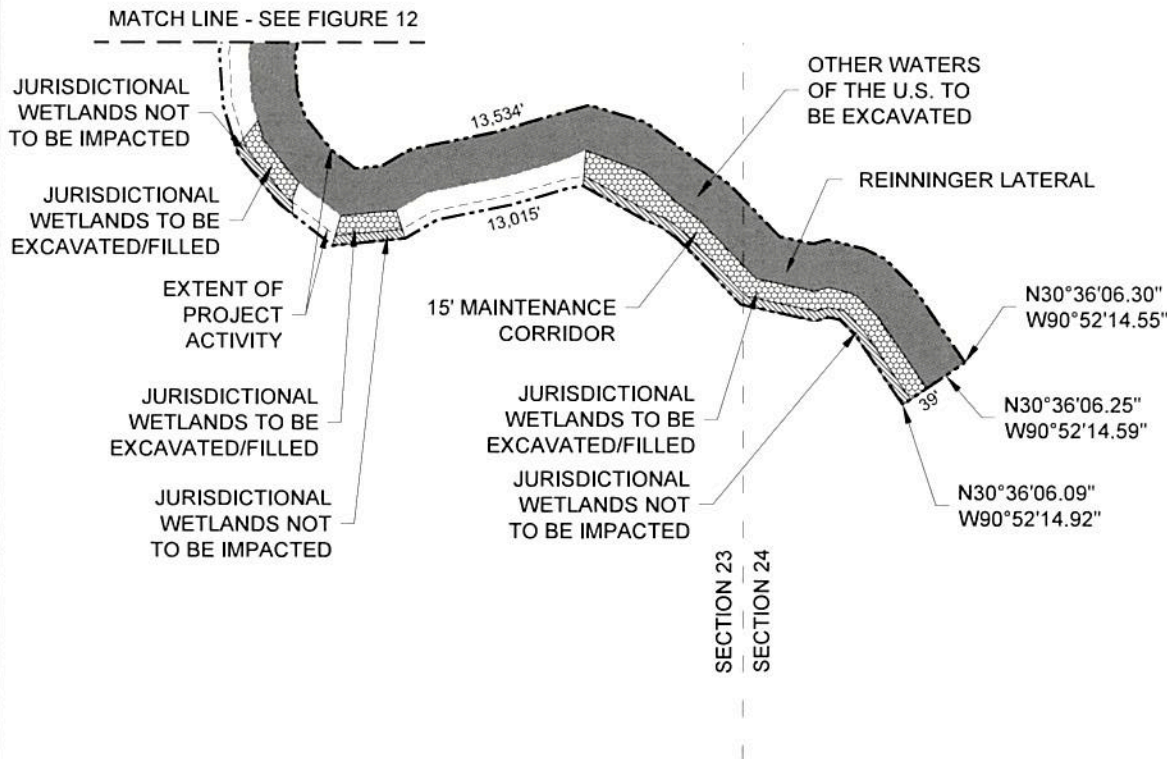


### Legend

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### Total Proposed Fill

Approximately 3,444.47 Cubic Yards of Crushed Concrete.

## Livingston Parish Gravity Drainage District No. 2

### Reinninger Lateral Maintenance Project

### Proposed Plan View

Livingston Parish, Louisiana



**D & S**  
ENVIRONMENTAL SERVICES, INC.

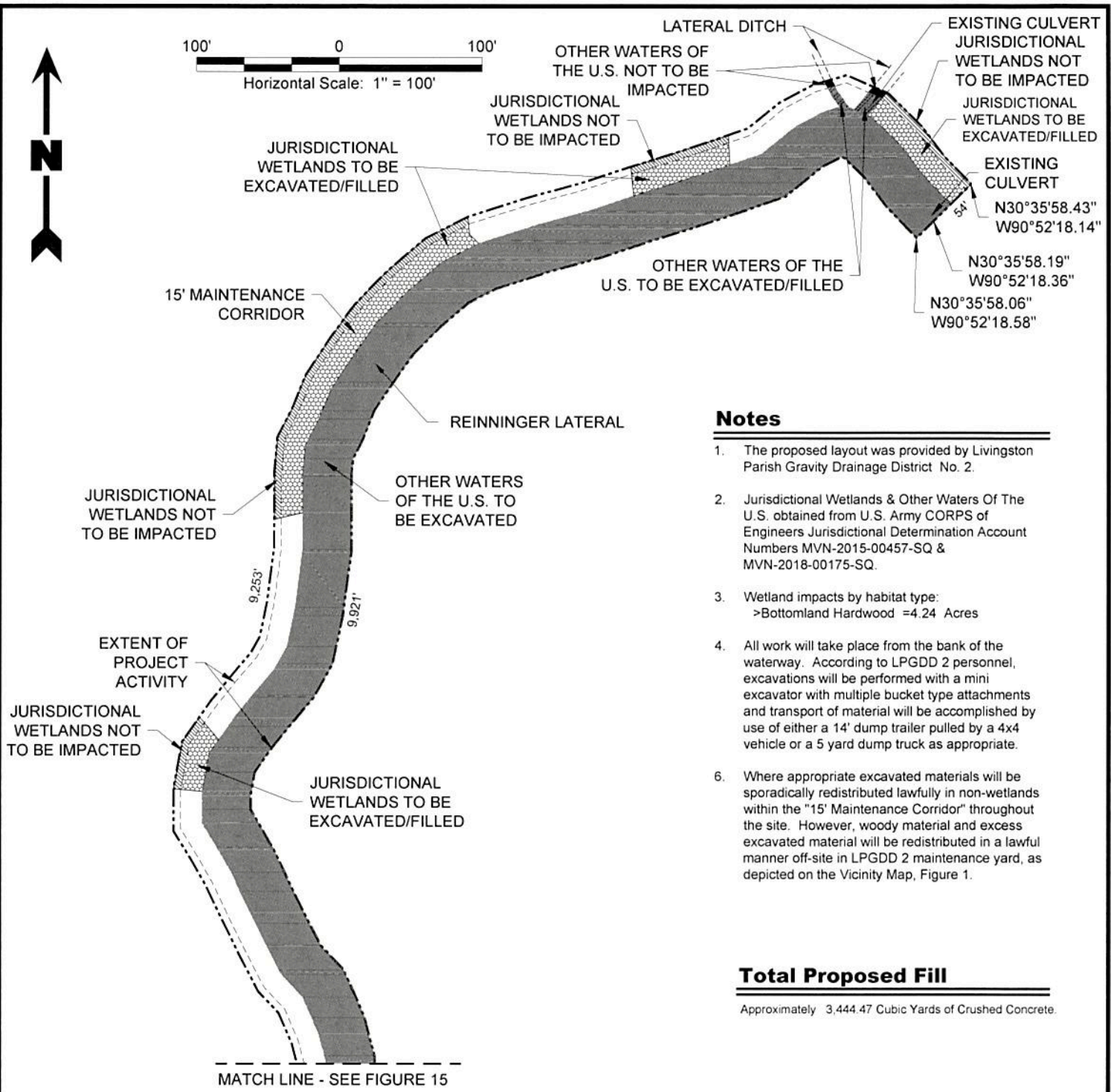


Project No.: 02-2018-DOA

Date: 02-05-2018

Figure No.: 13





**Notes**

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**Total Proposed Fill**

Approximately 3,444.47 Cubic Yards of Crushed Concrete.

**Legend**

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**Livingston Parish Gravity Drainage District No. 2**

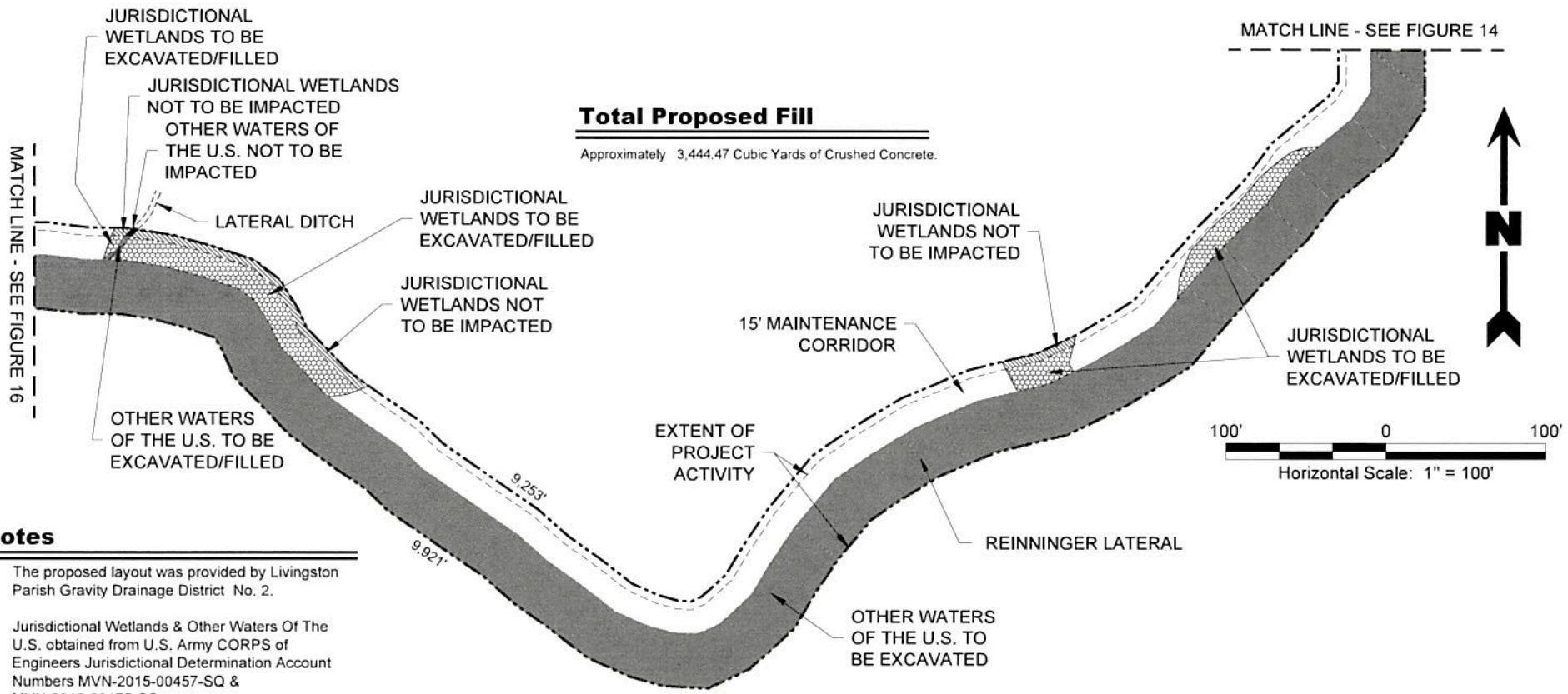
**Reinninger Lateral Maintenance Project**

**Proposed Plan View**

Livingston Parish, Louisiana

**D & S ENVIRONMENTAL SERVICES, INC.**

Project No.:	02-2018-DOA	Date: 02-05-2018
Figure No.:	14	



**Total Proposed Fill**  
 Approximately 3,444.47 Cubic Yards of Crushed Concrete.

**Notes**

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**Legend**

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**Livingston Parish Gravity Drainage District No. 2**

**Reinninger Lateral Maintenance Project**

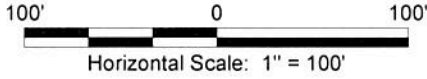
**Proposed Plan View**

Livingston Parish, Louisiana

**D & S ENVIRONMENTAL SERVICES, INC.**

Project No.: 02-2018-DOA	Date: 02-05-2018	Figure No.: 15
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JURISDICTIONAL WETLANDS NOT TO BE IMPACTED

LATERAL DITCH

OTHER WATERS OF THE U.S. NOT TO BE IMPACTED

OTHER WATERS OF THE U.S. TO BE EXCAVATED/FILLED

JURISDICTIONAL WETLANDS TO BE EXCAVATED/FILLED

MATCH LINE - SEE FIGURE 15

**Legend**

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9.326.3  
9.326.1

EXTENT OF PROJECT ACTIVITY

15' MAINTENANCE CORRIDOR

OTHER WATERS OF THE U.S. TO BE EXCAVATED

REINNINGER LATERAL

JURISDICTIONAL WETLANDS TO BE EXCAVATED/FILLED

JURISDICTIONAL WETLANDS NOT TO BE IMPACTED

MATCH LINE - SEE FIGURE 17

**Livingston Parish Gravity Drainage District No. 2**

**Reinninger Lateral Maintenance Project**

**Proposed Plan View**

Livingston Parish, Louisiana



**D & S ENVIRONMENTAL SERVICES, INC.**



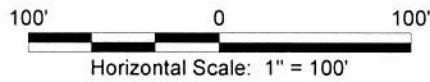
**Total Proposed Fill**

Approximately 3,444.47 Cubic Yards of Crushed Concrete.

**Notes**

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MATCH LINE - SEE FIGURE 16

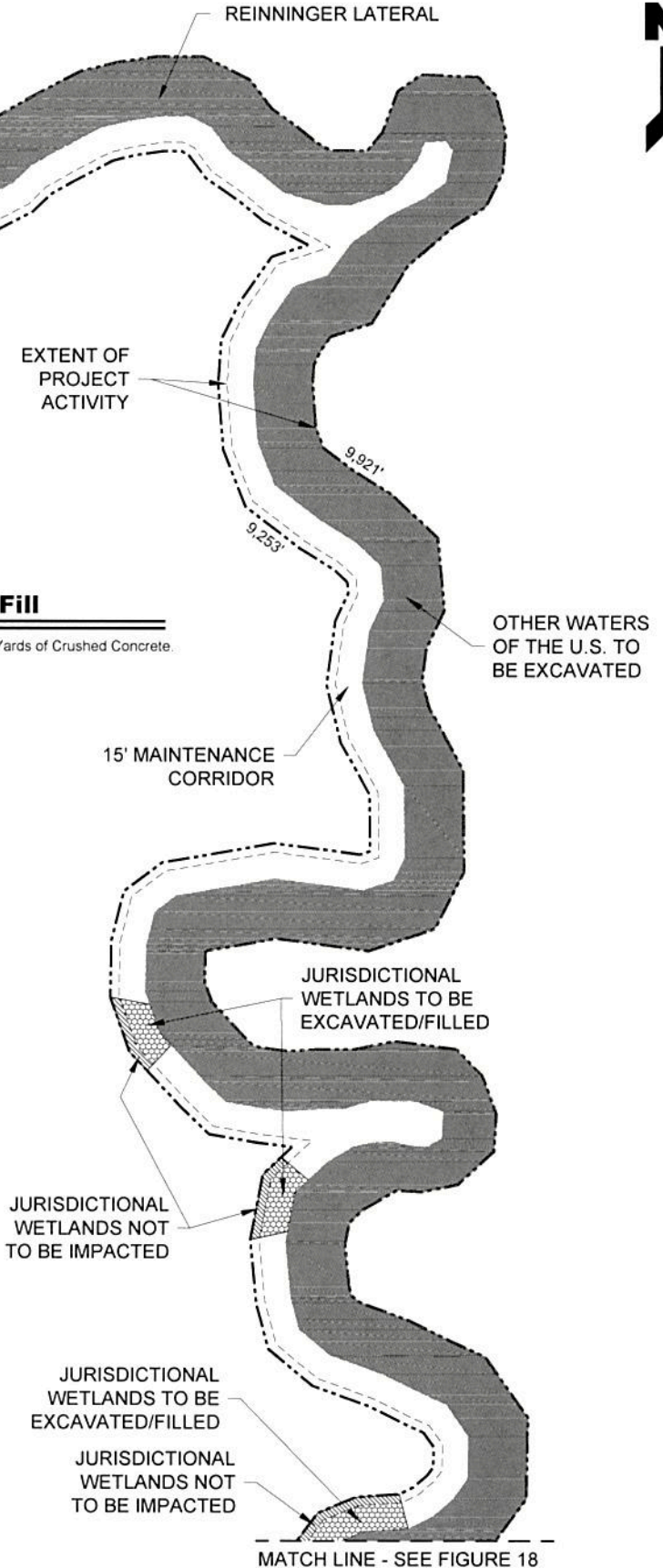


**Total Proposed Fill**

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**Legend**

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**Livingston Parish Gravity Drainage District No. 2**

**Reinninger Lateral Maintenance Project**

**Proposed Plan View**

Livingston Parish, Louisiana



**D & S ENVIRONMENTAL SERVICES, INC.**

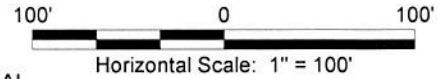




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MATCH LINE - SEE FIGURE 17



JURISDICTIONAL WETLANDS NOT TO BE IMPACTED

JURISDICTIONAL WETLANDS TO BE EXCAVATED/FILLED

OTHER WATERS OF THE U.S. TO BE EXCAVATED

JURISDICTIONAL WETLANDS NOT TO BE IMPACTED

**Total Proposed Fill**

Approximately 3,444.47 Cubic Yards of Crushed Concrete.

JURISDICTIONAL WETLANDS NOT TO BE IMPACTED

JURISDICTIONAL WETLANDS TO BE EXCAVATED/FILLED

15' MAINTENANCE CORRIDOR

9,921'

REINNINGER LATERAL

9,253'

JURISDICTIONAL WETLANDS NOT TO BE IMPACTED

JURISDICTIONAL WETLANDS TO BE EXCAVATED/FILLED

SECTION 23  
SECTION 26

JURISDICTIONAL WETLANDS TO BE EXCAVATED/FILLED

JURISDICTIONAL WETLANDS NOT TO BE IMPACTED

EXTENT OF PROJECT ACTIVITY

JURISDICTIONAL WETLANDS TO BE EXCAVATED/FILLED

JURISDICTIONAL WETLANDS NOT TO BE IMPACTED



MATCH LINE - SEE FIGURE 19

**Legend**

- Property Boundary (30.26 Acres)
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**Livingston Parish Gravity Drainage District No. 2**

**Reinninger Lateral Maintenance Project**

**Proposed Plan View**

Livingston Parish, Louisiana



**D & S ENVIRONMENTAL SERVICES, INC.**



**Notes**

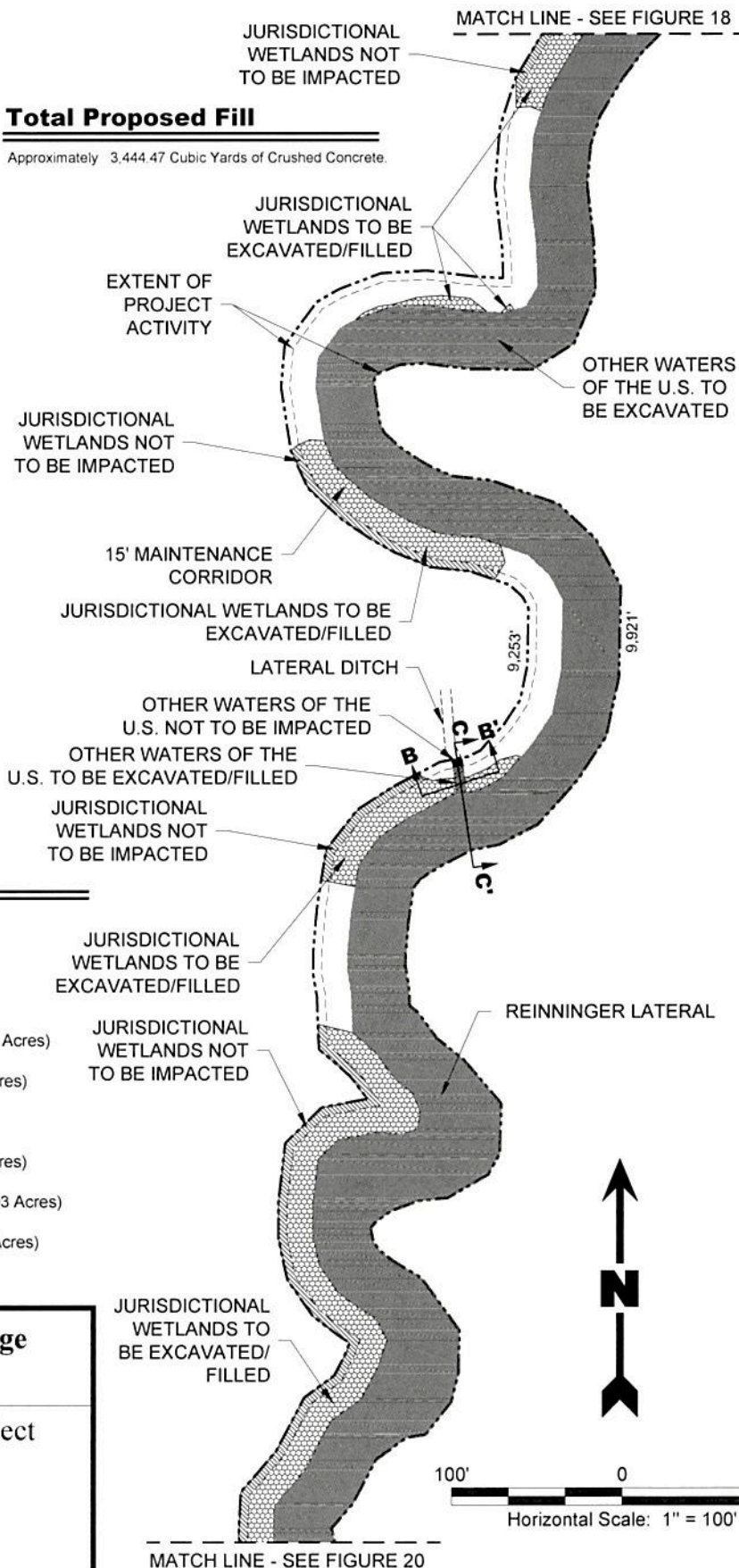
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**Total Proposed Fill**

Approximately 3,444.47 Cubic Yards of Crushed Concrete.



**Livingston Parish Gravity Drainage District No. 2**

**Reininger Lateral Maintenance Project**

**Proposed Plan View**

Livingston Parish, Louisiana



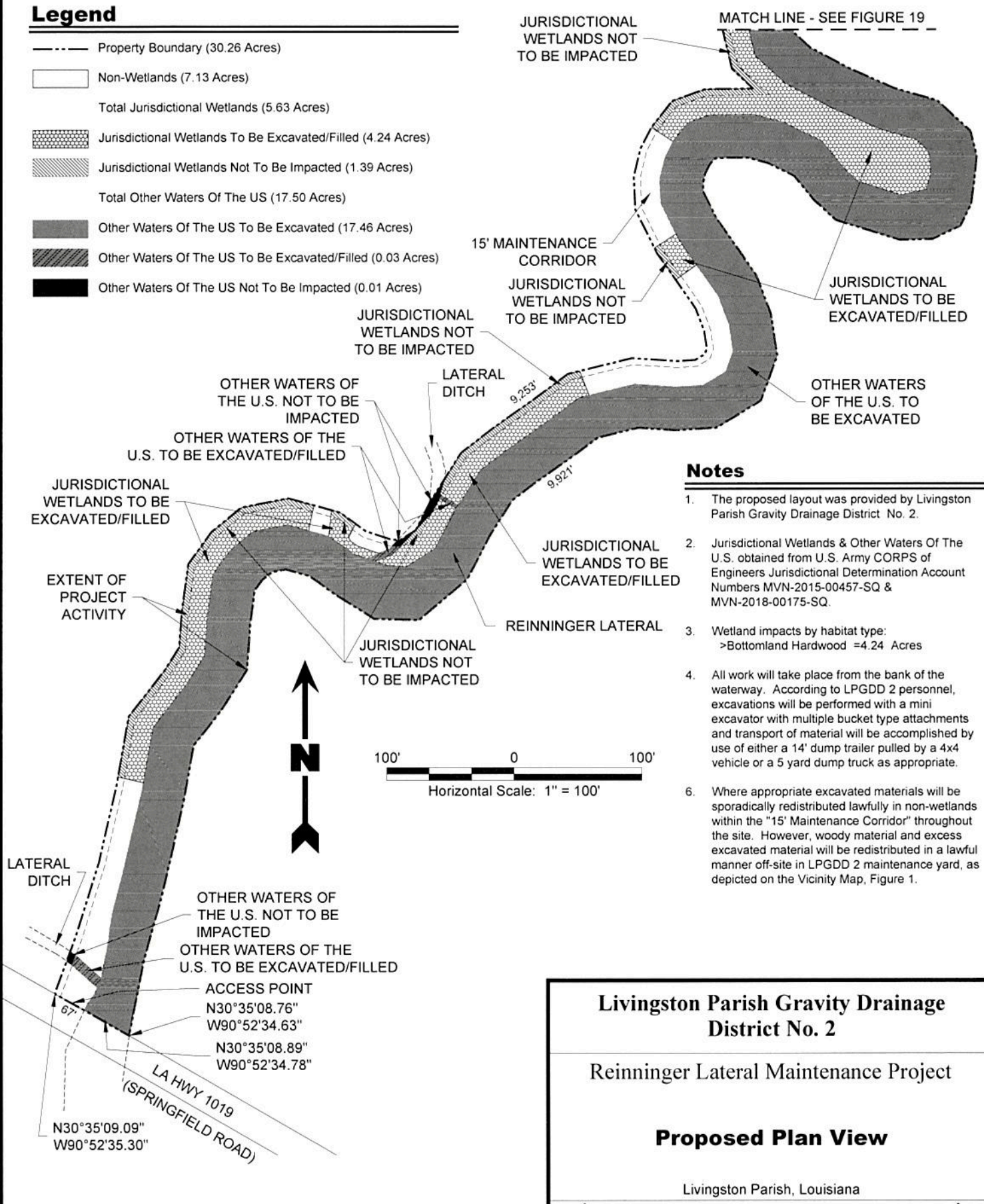
**D & S ENVIRONMENTAL SERVICES, INC.**





# Legend

- Property Boundary (30.26 Acres)
- Non-Wetlands (7.13 Acres)
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**Total Proposed Fill**  
 Approximately 3,444.47 Cubic Yards of Crushed Concrete.

**Livingston Parish Gravity Drainage District No. 2**

**Reinninger Lateral Maintenance Project**

**Proposed Plan View**

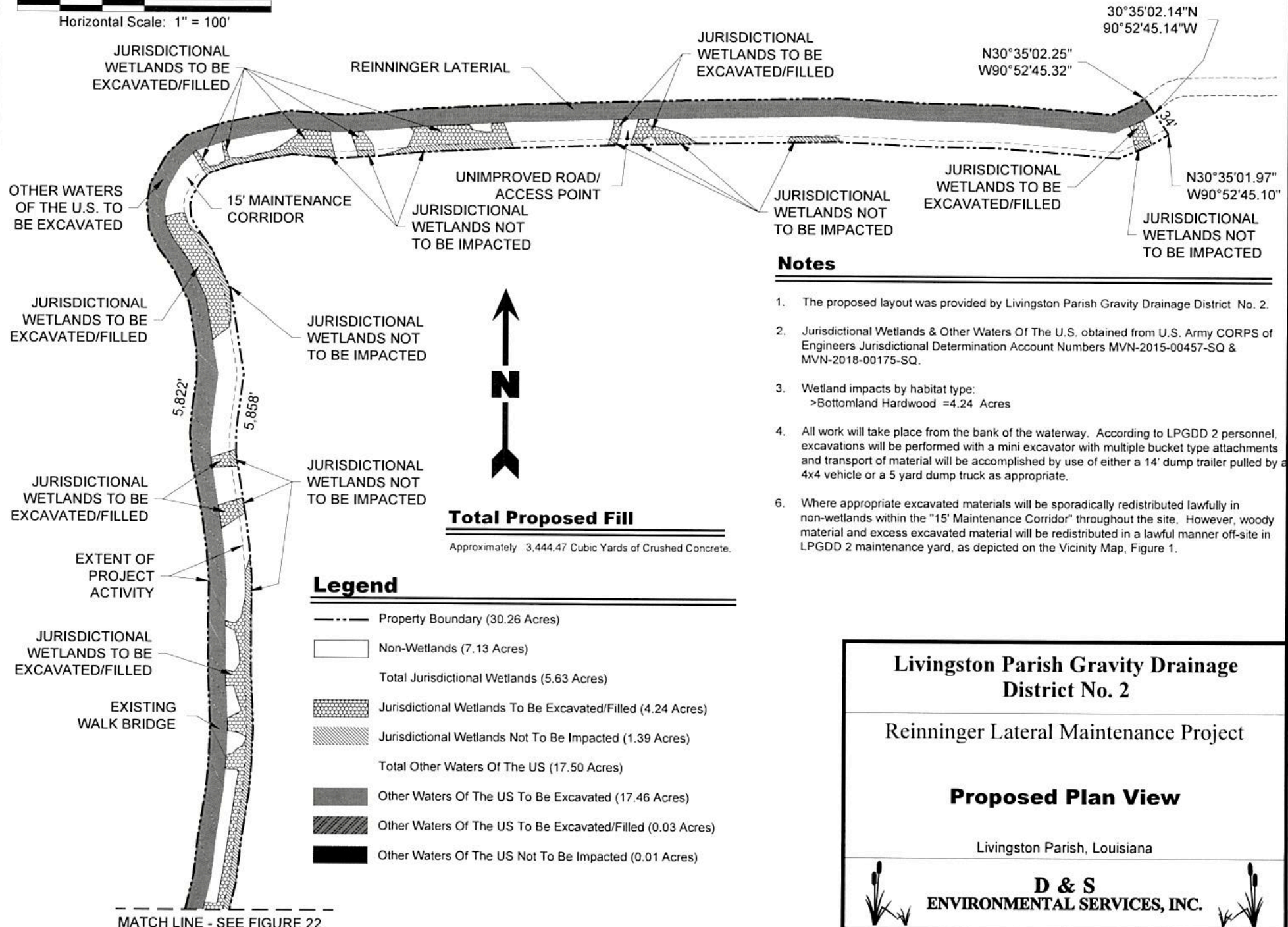
Livingston Parish, Louisiana

**D & S ENVIRONMENTAL SERVICES, INC.**

Project No.: 02-2018-DOA	Date: 02-05-2018	Figure No.: 20
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Horizontal Scale: 1" = 100'



**Total Proposed Fill**  
 Approximately 3,444.47 Cubic Yards of Crushed Concrete.

**Legend**

- Property Boundary (30.26 Acres)
- Non-Wetlands (7.13 Acres)
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**Notes**

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**Livingston Parish Gravity Drainage District No. 2**

**Reinninger Lateral Maintenance Project**

**Proposed Plan View**

Livingston Parish, Louisiana

**D & S ENVIRONMENTAL SERVICES, INC.**

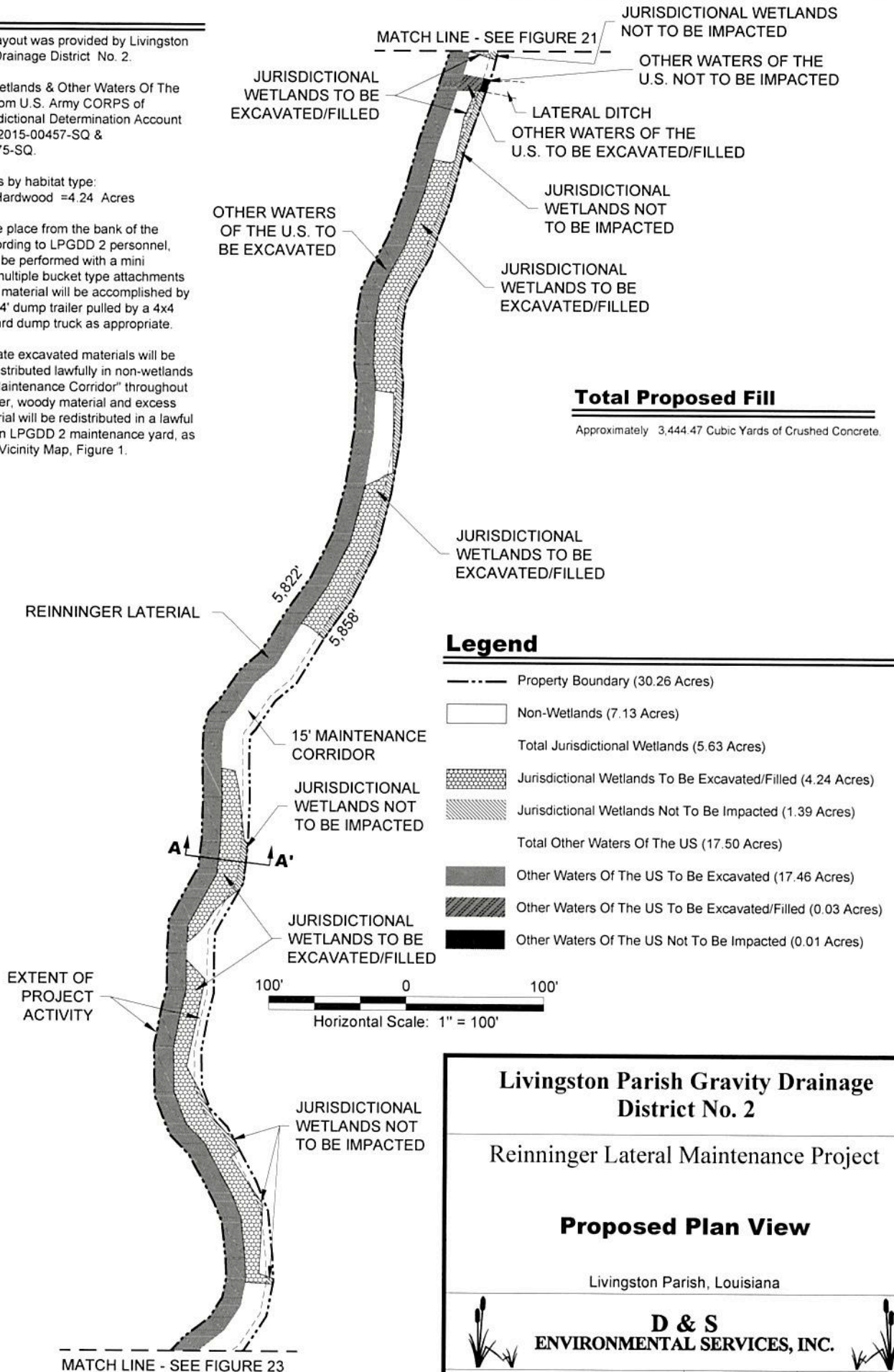
Project No.: 02-2018-JDM	Date: 02-05-2018	Figure No.: 21
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MATCH LINE - SEE FIGURE 22



**Notes**

1. The proposed layout was provided by Livingston Parish Gravity Drainage District No. 2.
2. Jurisdictional Wetlands & Other Waters Of The U.S. obtained from U.S. Army CORPS of Engineers Jurisdictional Determination Account Numbers MVN-2015-00457-SQ & MVN-2018-00175-SQ.
3. Wetland impacts by habitat type:  
 >Bottomland Hardwood =4.24 Acres
4. All work will take place from the bank of the waterway. According to LPGDD 2 personnel, excavations will be performed with a mini excavator with multiple bucket type attachments and transport of material will be accomplished by use of either a 14' dump trailer pulled by a 4x4 vehicle or a 5 yard dump truck as appropriate.
6. Where appropriate excavated materials will be sporadically redistributed lawfully in non-wetlands within the "15' Maintenance Corridor" throughout the site. However, woody material and excess excavated material will be redistributed in a lawful manner off-site in LPGDD 2 maintenance yard, as depicted on the Vicinity Map, Figure 1.



**Total Proposed Fill**  
 Approximately 3,444.47 Cubic Yards of Crushed Concrete.

**Legend**

	Property Boundary (30.26 Acres)
	Non-Wetlands (7.13 Acres)
	Total Jurisdictional Wetlands (5.63 Acres)
	Jurisdictional Wetlands To Be Excavated/Filled (4.24 Acres)
	Jurisdictional Wetlands Not To Be Impacted (1.39 Acres)
	Total Other Waters Of The US (17.50 Acres)
	Other Waters Of The US To Be Excavated (17.46 Acres)
	Other Waters Of The US To Be Excavated/Filled (0.03 Acres)
	Other Waters Of The US Not To Be Impacted (0.01 Acres)

**Livingston Parish Gravity Drainage District No. 2**

Reinninger Lateral Maintenance Project

**Proposed Plan View**

Livingston Parish, Louisiana

**D & S ENVIRONMENTAL SERVICES, INC.**

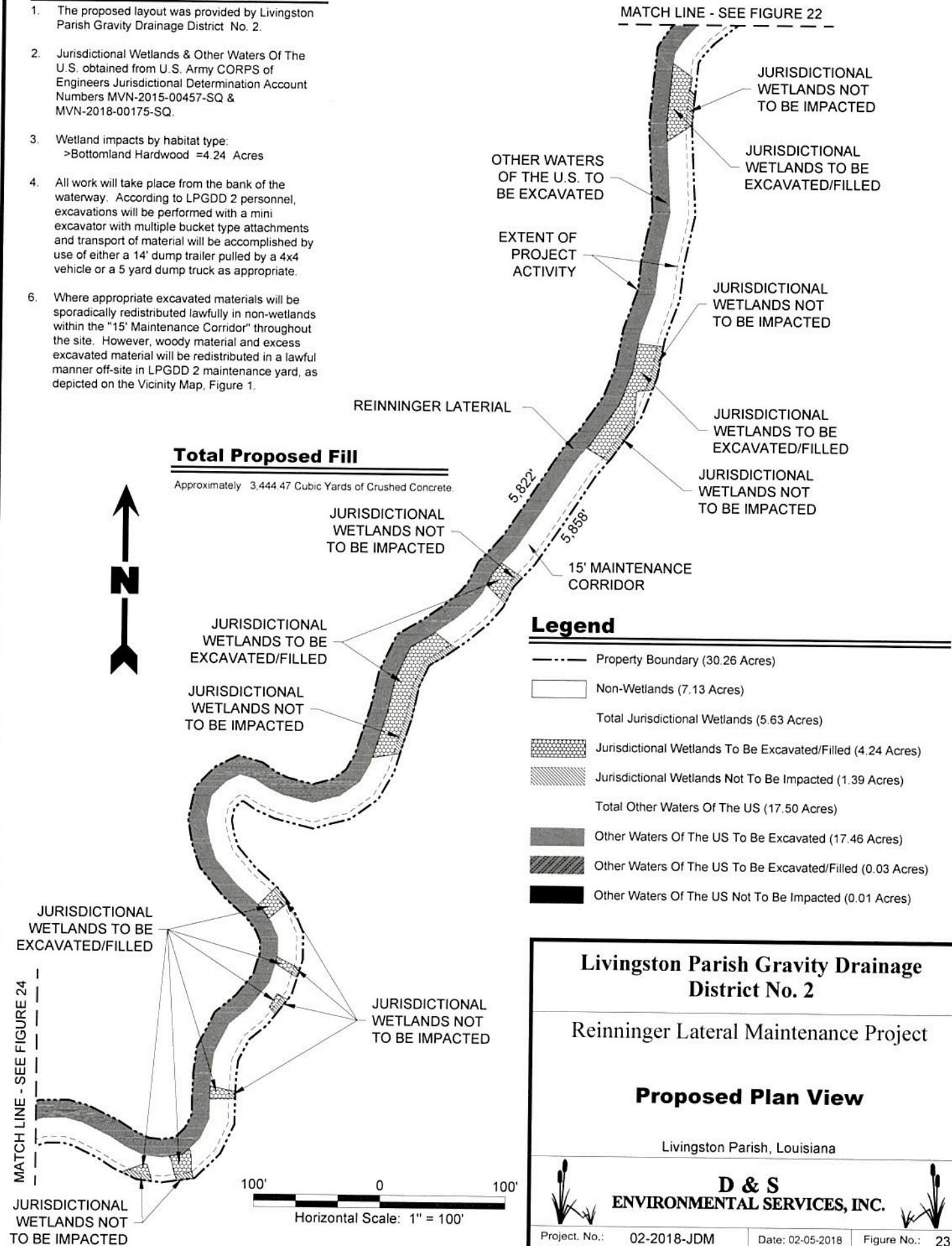
Project No.:	02-2018-JDM	Date:	02-05-2018	Figure No.:	22
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**Notes**

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**Total Proposed Fill**

Approximately 3,444.47 Cubic Yards of Crushed Concrete.



**Legend**

- Property Boundary (30.26 Acres)
- Non-Wetlands (7.13 Acres)
- Total Jurisdictional Wetlands (5.63 Acres)
- ▨ Jurisdictional Wetlands To Be Excavated/Filled (4.24 Acres)
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**Livingston Parish Gravity Drainage District No. 2**

**Reinninger Lateral Maintenance Project**

**Proposed Plan View**

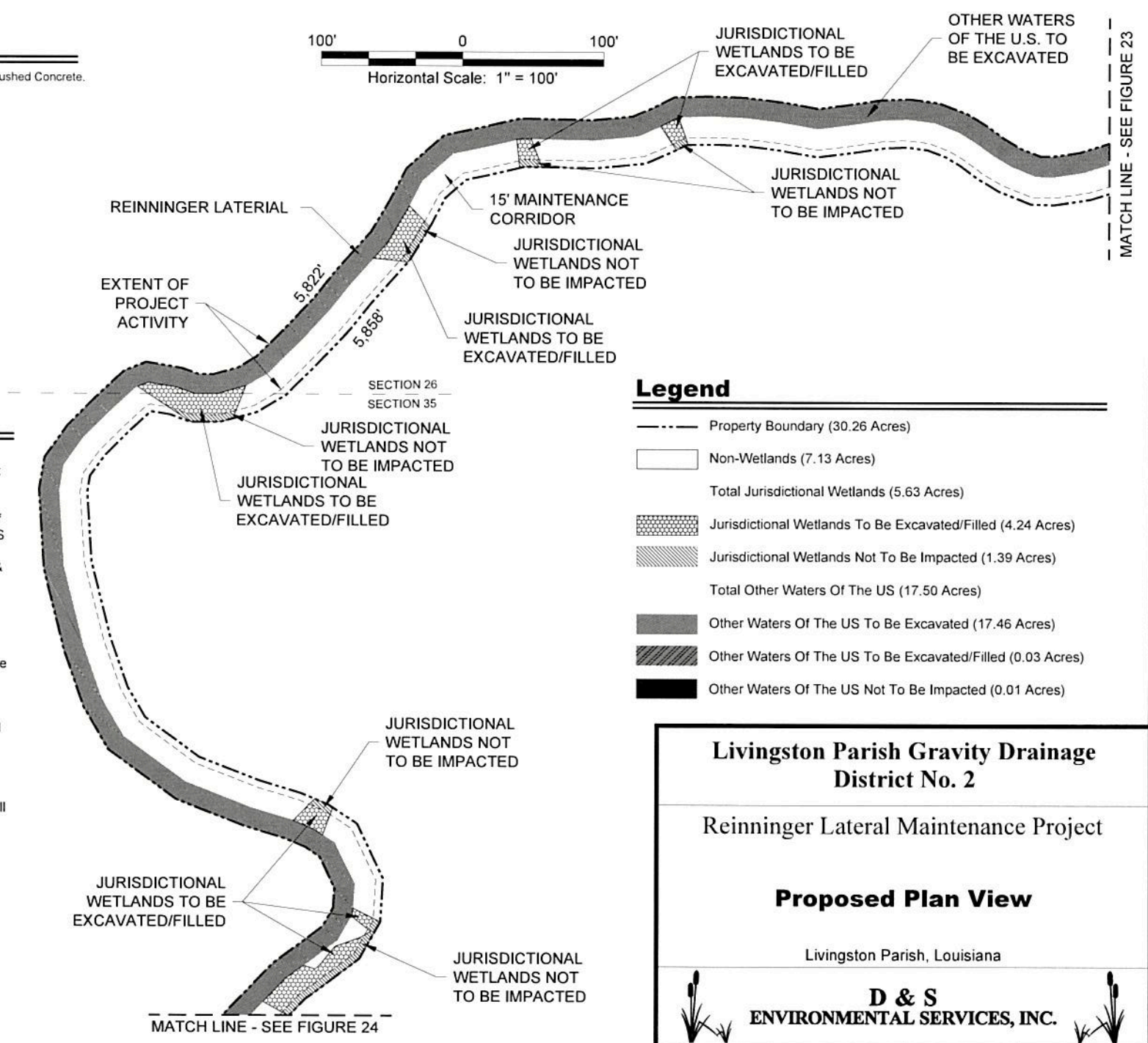
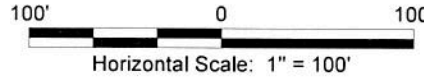
Livingston Parish, Louisiana

**D & S ENVIRONMENTAL SERVICES, INC.**



## Total Proposed Fill

Approximately 3,444.47 Cubic Yards of Crushed Concrete.



### Notes

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### Legend

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- Non-Wetlands (7.13 Acres)
- Total Jurisdictional Wetlands (5.63 Acres)
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- Other Waters Of The US Not To Be Impacted (0.01 Acres)

## Livingston Parish Gravity Drainage District No. 2

### Reinninger Lateral Maintenance Project

### Proposed Plan View

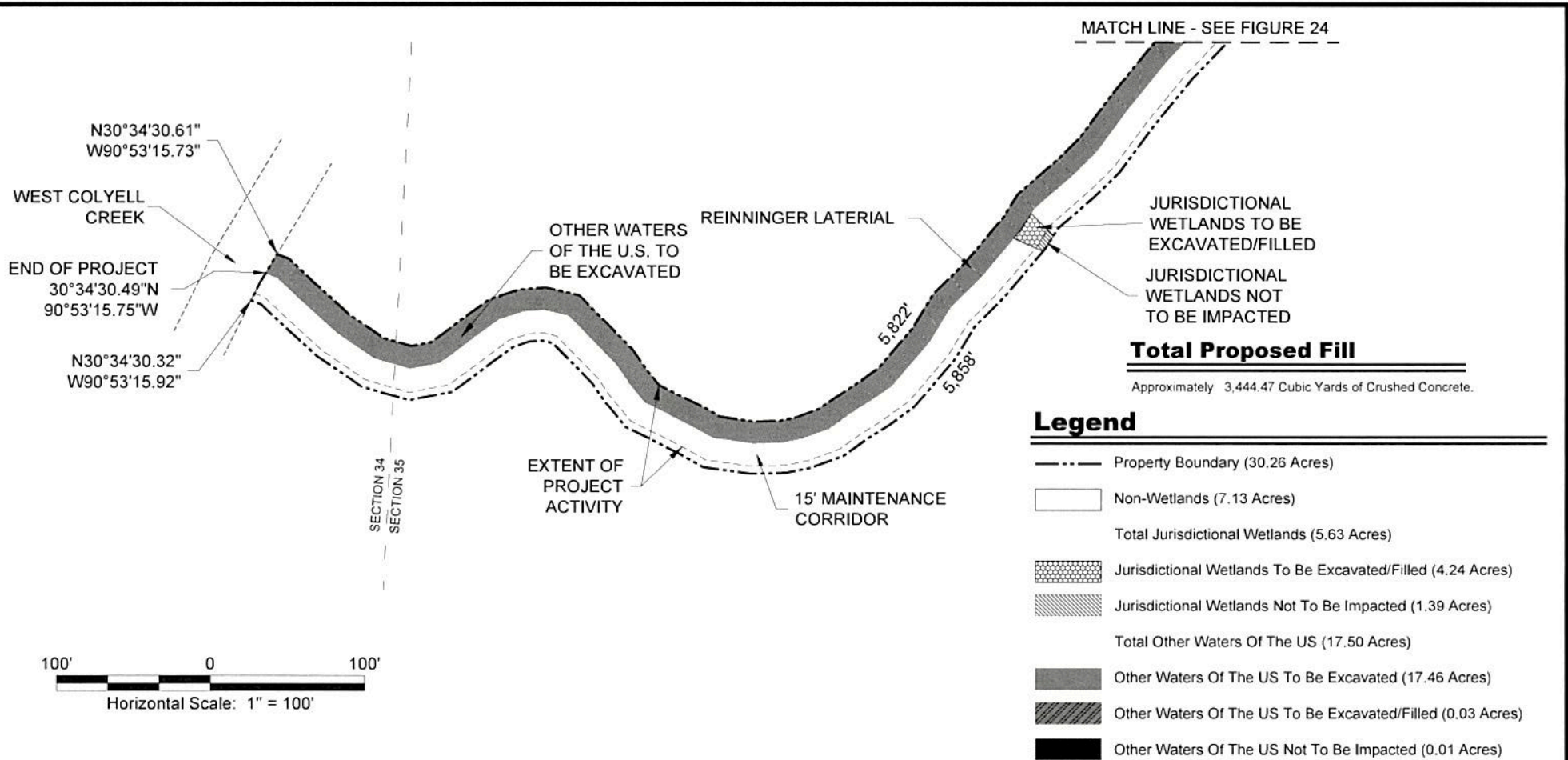
Livingston Parish, Louisiana

**D & S**  
ENVIRONMENTAL SERVICES, INC.

Project No.: 02-2018-JDM

Date: 02-05-2018

Figure No.: 24



### Notes

1. The proposed layout was provided by Livingston Parish Gravity Drainage District No. 2.
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## Livingston Parish Gravity Drainage District No. 2

### Reinninger Lateral Maintenance Project

### Proposed Plan View

Livingston Parish, Louisiana



**D & S**  
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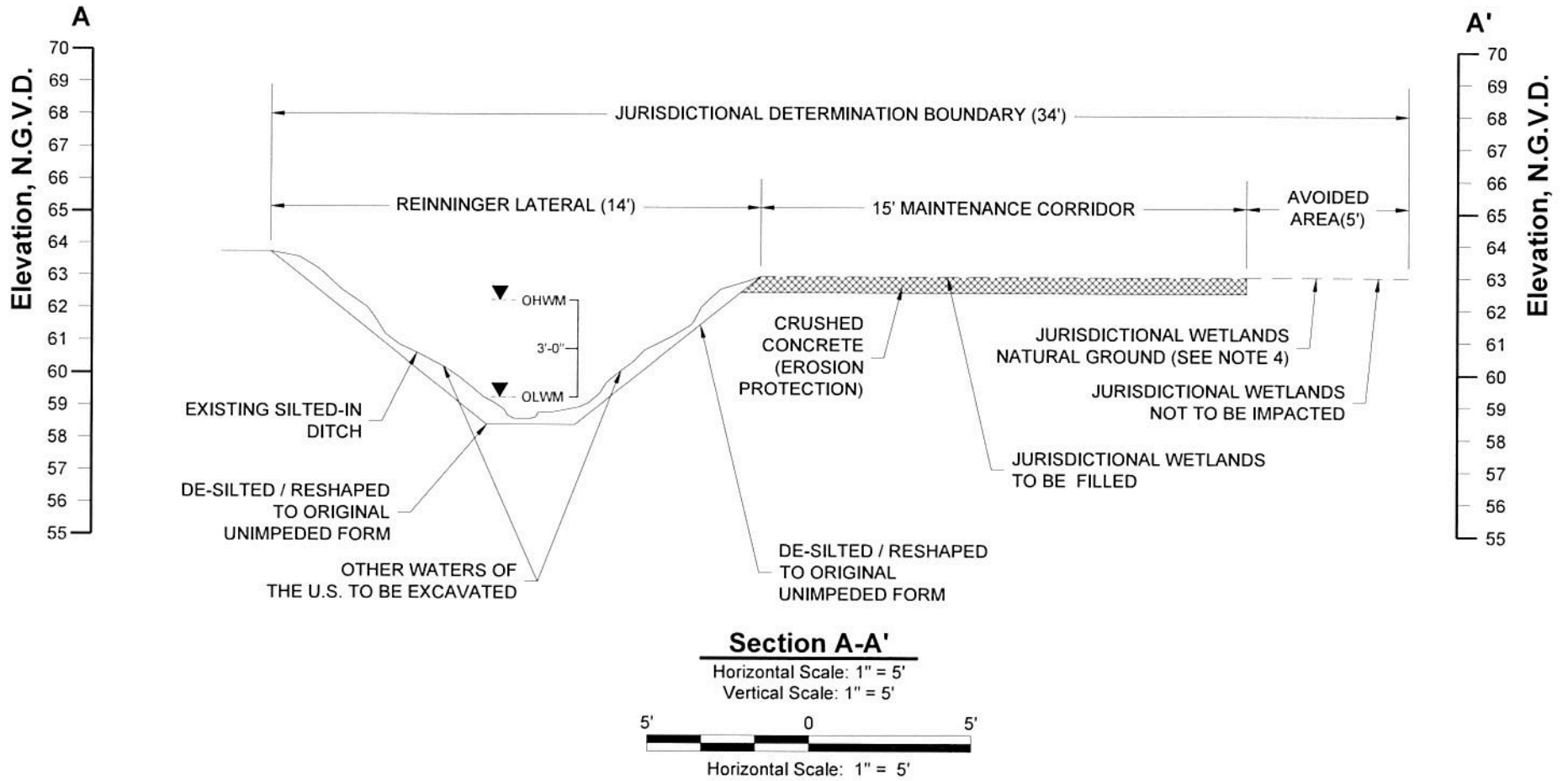


Project. No.: 02-2018-JDM

Date: 02-05-2018

Figure No.: 25






**Notes**

1. The proposed layout was provided by Livingston Parish Gravity Drainage District No. 2.
2. Jurisdictional Wetlands & Other Waters Of The U.S. obtained from U.S. Army CORPS of Engineers Jurisdictional Determination Account Numbers MVN-2015-00457-SQ & MVN-2018-00175-SQ.
3. Non-wetland ground elevations vary from 63' to 69' N.G.V.D. Elevation data was obtained from USGS Quad Maps.
4. Natural ground elevations in existing Jurisdictional Wetlands are approximately 6" lower than non-wetland ground elevations.

**Legend**

-  Crushed Concrete
- OHWM Ordinary High Water Mark
- OLWM Ordinary Low Water Mark

**Livingston Parish Gravity Drainage District No. 2**

**Reininger Lateral Maintenance Project**

**Section View A-A'**

Livingston Parish, Louisiana



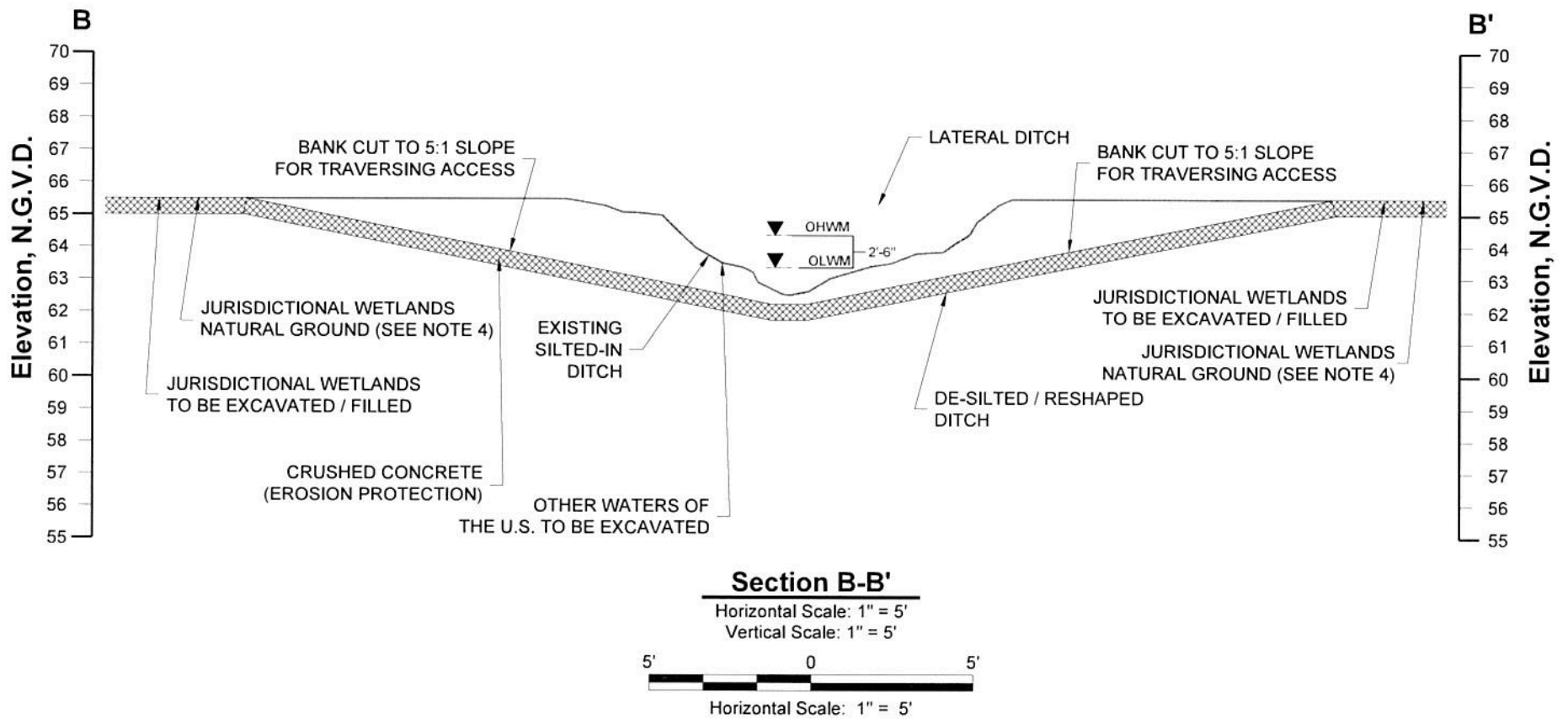
**D & S ENVIRONMENTAL SERVICES, INC.**



Project No.: 02-2018-DOA

Date: 02-05-2018


Figure No.: 26



**Notes**

1. The proposed layout was provided by Livingston Parish Gravity Drainage District No. 2.
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**Legend**

-  Crushed Concrete
- OHWM Ordinary High Water Mark
- OLWM Ordinary Low Water Mark

**Livingston Parish Gravity Drainage District No. 2**

**Reininger Lateral Maintenance Project**

**Section View B-B'**

Livingston Parish, Louisiana



**D & S ENVIRONMENTAL SERVICES, INC.**

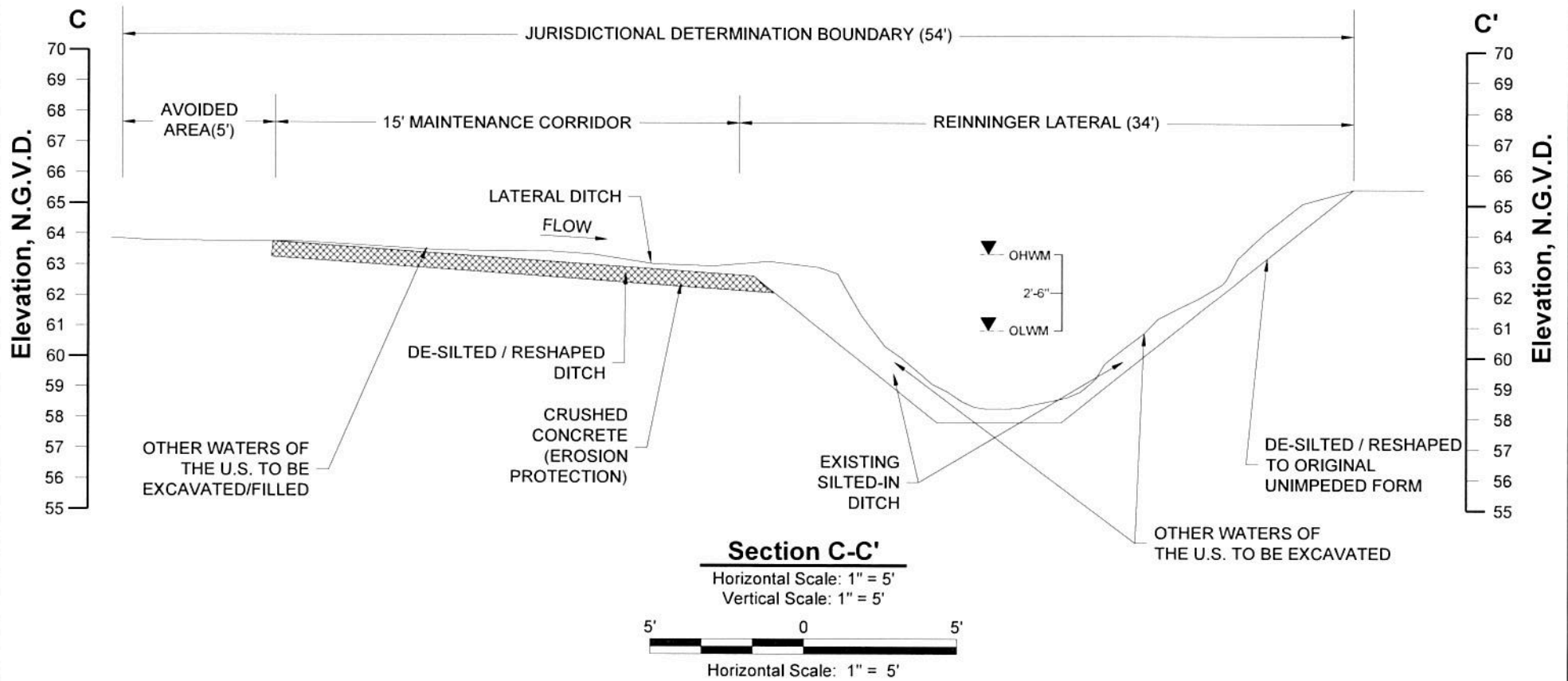


Project. No.: 02-2018-DOA

Date: 02-05-2018

Figure No.: 27






**Notes**

1. The proposed layout was provided by Livingston Parish Gravity Drainage District No. 2.
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**Legend**

-  Crushed Concrete
- OHWM      Ordinary High Water Mark
- OLWM      Ordinary Low Water Mark

**Livingston Parish Gravity Drainage  
District No. 2**

**Reinninger Lateral Maintenance Project**

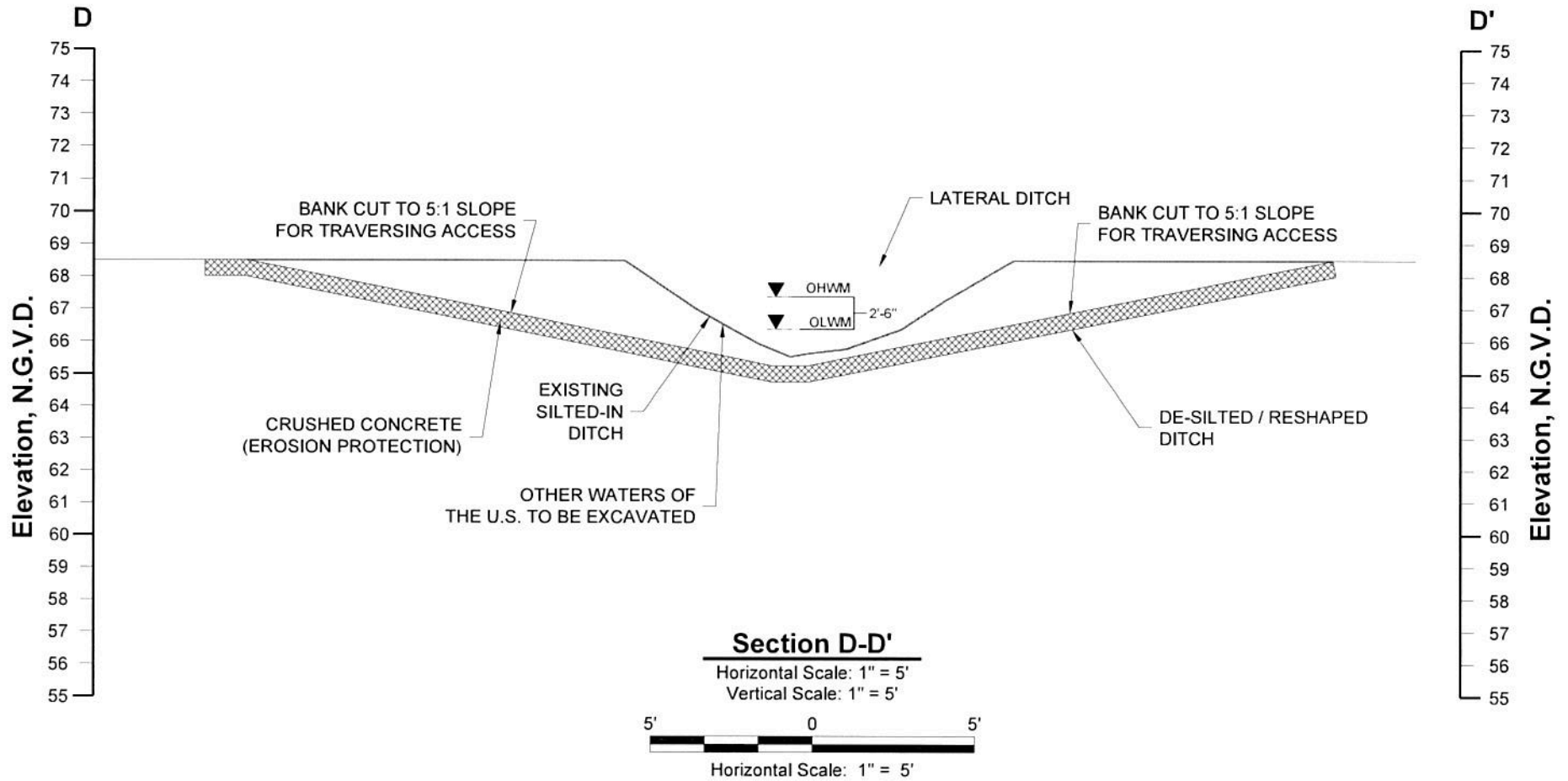
**Section View C-C'**

Livingston Parish, Louisiana



**D & S  
ENVIRONMENTAL SERVICES, INC.**








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**Legend**

-  Crushed Concrete
-  OHWM Ordinary High Water Mark
-  OLWM Ordinary Low Water Mark

**Livingston Parish Gravity Drainage District No. 2**

**Reininger Lateral Maintenance Project**

**Section View D-D'**

Livingston Parish, Louisiana



**D & S ENVIRONMENTAL SERVICES, INC.**

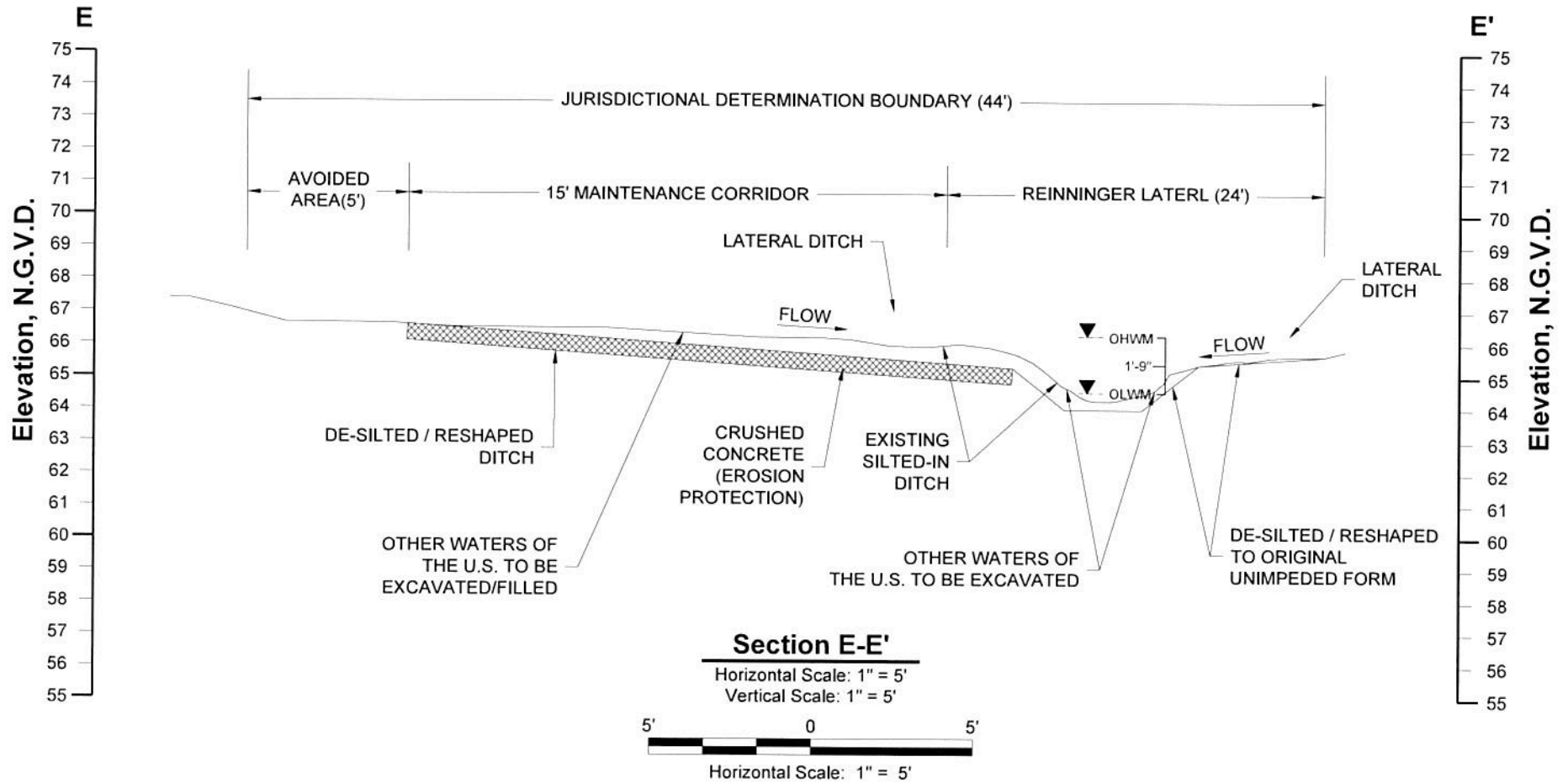


Project No.: 02-2018-DOA

Date: 02-05-2018

Figure No.: 29






**Notes**

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**Legend**

-  Crushed Concrete
- OHWM Ordinary High Water Mark
- OLWM Ordinary Low Water Mark

**Livingston Parish Gravity Drainage District No. 2**

**Reininger Lateral Maintenance Project**

**Section View E-E'**

Livingston Parish, Louisiana



**D & S ENVIRONMENTAL SERVICES, INC.**

