

# JOINT PUBLIC NOTICE

April 20, 2020

United States Army  
Corps of Engineers  
New Orleans District  
Attn: Regulatory Branch  
7400 Leake Ave.  
New Orleans, Louisiana 70118-3651

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

Project Manager:  
Johnny Duplantis  
(504) 862-2548  
Johnny.j.duplantis@usace.army.mil  
Application #: MVN-2020-00234-WPP

Project Manager:  
Elizabeth Hill  
(225) 219-3225  
WQC Application Number:  
WQC 200324-01

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

The application has also been mailed to the Louisiana Department of Environmental Quality, for a Water Quality Certification (WQC) in accordance with statutory authority contained in Louisiana Revised Statute 30:2074 A(3), and provisions of Section 401 of the Clean Water Act (P.L. 95-17).

## **PROPOSED BARGE SWING GATES AND MAINTENANCE DREDGING OF NAVIGATION CHANNELS FOR EXPANSION OF THE PORT OF IBERIA IN IBERIA PARISH**

**NAME OF APPLICANT:** Port of Iberia, c/o: GIS Engineering, LLC, 450 Laurel Street, Suite 1500, Baton Rouge, Louisiana 70801.

**LOCATION OF WORK:** Located in Iberia Parish, Section 34, Township 12S and Range 06E, within Port of Iberia, in New Iberia, Louisiana, (POB -- Lat. 29-57-29.66 N / Long. 91-50-28.32 W; POE -- Lat. 29-30-39.55 N / Long. 92-18-45.83 W), as shown within the attached drawings.

**CHARACTER OF WORK:** Proposed concrete barge swing gates and dredge and fill activities associated with maintenance dredging of approximately 50 miles of existing navigation channels connecting the Port of Iberia to the Gulf of Mexico (GOM), to include Commercial Canal (segment 1), the GIWW (segment 2), and Freshwater Bayou (segment 3). The maintenance dredging will deepen existing channels to a depth of approximately negative (-)16 feet with an additional 2 foot of advanced maintenance dredging. Dredge materials from the upper segments, the lower segments and Bar Channel will be discharged and placed in nearby interior areas, open waters, along the mid to lower banks of the GIWW and Freshwater Bayou, and in a near shore disposal site on the GOM. The proposed project will include excavating approximately 7,853,600 cubic yards (cy) of water bottom material, and includes depositing approximately 18,620,000 cy of material through a combination of re-deposition, and new rock materials for bankline protection and material containment. Dredge material will be transported

via use of a barge mounted bucket dredge and hydraulic dredge. A total of approximately 4,089 acres are required for dredge placement from the three segments and approximately 247 acres of wetlands are anticipated to be impacted due to the dredging and disposal activities. Additionally 11.9 acres of existing wetlands will be temporarily impacted due to construction activities, but are proposed to be restored after completion of work. Efforts were made to determine placement areas which could be utilized for beneficial use of dredged material. A total of approximately 2,524 acres of marsh creation and associated nourishment is anticipated to occur in interior and open water areas, and 1,282 acres would be utilized in bankline placement areas. Further details and acreage breakdowns can be viewed within the attached drawing and spread sheets. Efforts were made to determine placement areas which could be utilized for beneficial use of dredged material to create and nourish wetlands to the greatest extent practicable. All efforts have been made to reduce wetland impacts from dredge material disposal, and are focused towards shoreline remediation, marsh creation and nourishment. In addition, the slightly eroded bankline of the GIWW and Freshwater Bayou are proposed to be reestablished, which is considered another beneficial use of the dredged material, by the applicant. The applicant has proposed that the project benefits will outweigh the detriments, and therefore have not proposed a compensatory mitigation plan for the project.

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

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

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

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic

properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

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

The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. Copies of this public notice are being sent to the State Archeologist and State Historic Preservation Officer regarding potential impacts to cultural resources.

Our initial finding is that the proposed work would neither affect any species listed as endangered by the U.S. Departments of Interior or Commerce, nor affect any habitat designated as critical to the survival and recovery of any endangered species. Based on the South Louisiana **Standard Local Operating Procedure for Endangered Species (SLOPES)**, as signed on October 22, 2014, between the U.S. Army Corps of Engineers, New Orleans and the U.S. Fish and Wildlife Service, it has been determined that the project is located in habitat known to be utilized by the Piping Plover (*Charadrius melodus*), and West Indian Manatee (*Trichechus manatus*). Preliminary determination is that the activity is not likely to adversely affect these species. If this permit is issued, the permittee will be required to follow the SLOPES conditions.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal may result in the destruction, alteration, and/or disturbance of **5,550** acres of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the Department of Environmental Quality, before a Department of the Army permit is issued.

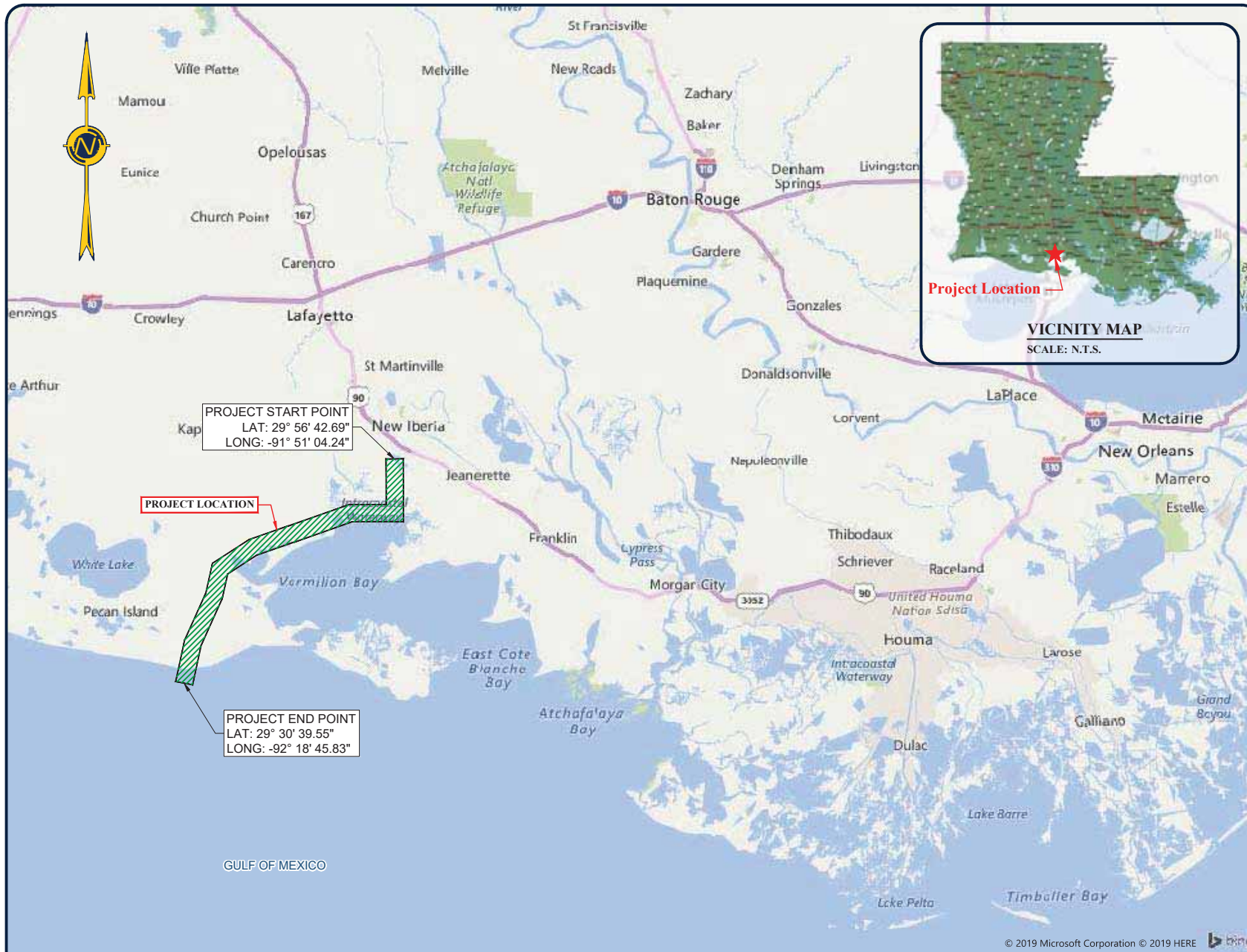
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

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

Darrell S. Barbara  
Chief, Western Evaluation Section  
Regulatory Branch

Enclosure





PROJECT START POINT  
LAT: 29° 56' 42.69"  
LONG: -91° 51' 04.24"

PROJECT LOCATION

PROJECT END POINT  
LAT: 29° 30' 39.55"  
LONG: -92° 18' 45.83"



**ENGINEERING LLC**

Coastal Design & Infrastructure  
450 Laurel Street | Suite 1500  
Baton Rouge, LA 70801  
O: (225) 408-0700 | F: (985) 475-7014  
ENGINEERING • PLANNING • ENVIRONMENTAL CONSULTING

#### REVISIONS

No.	Description	Date

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**FOR ISSUANCE OF A PERMIT ONLY.**

ACADIANA GULF OF MEXICO  
ACCESS CHANNEL  
PORT OF IBERIA

#### VICINITY MAP

Project number	39130-1197
Date	OCTOBER 2019
Designed by	LES
Drawn by	MAC, NPJ
Checked by	LES
Checked by	MM
Plot Date	January 9, 2020

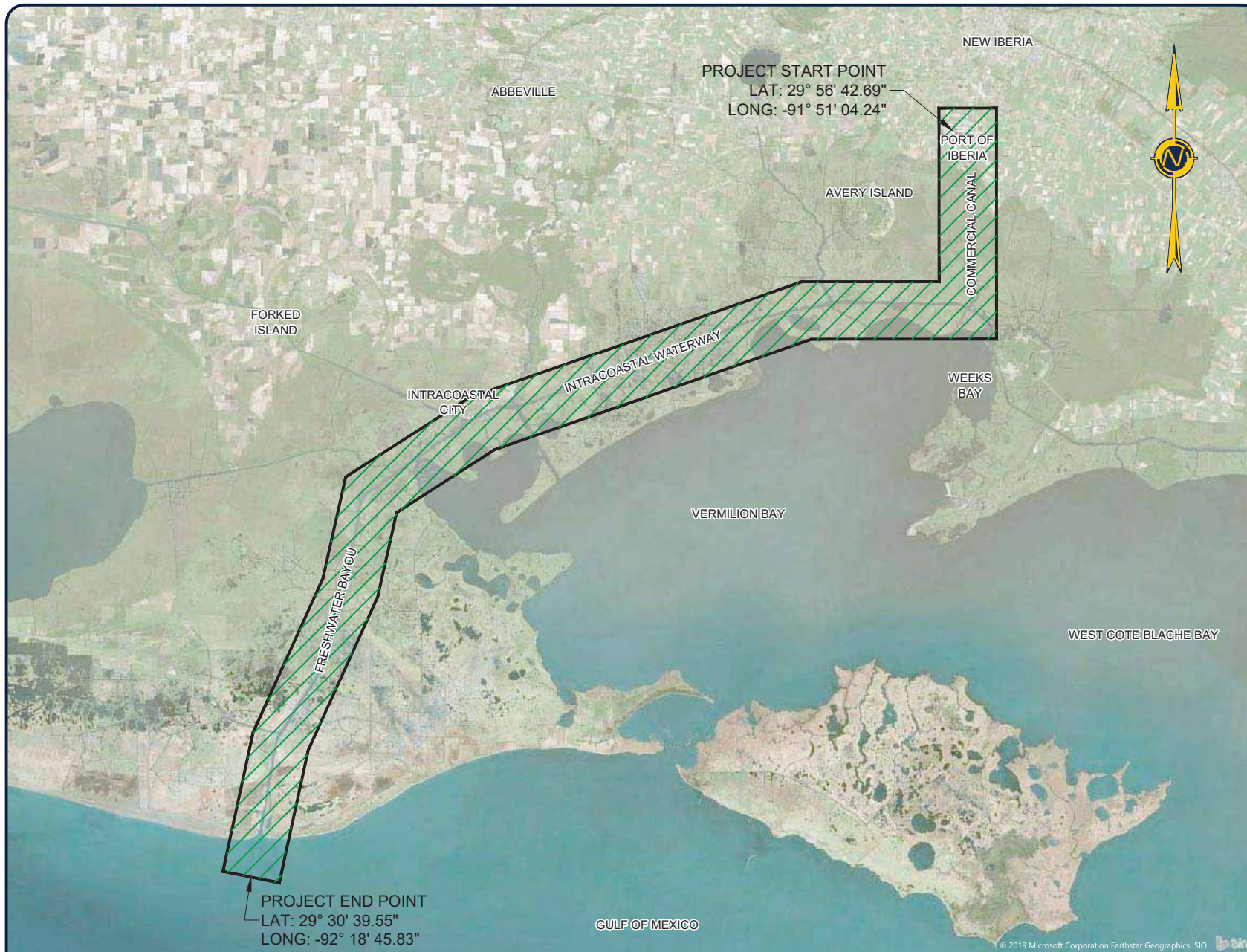
01

NOTE: THE IMAGE ABOVE IS A GENERAL REPRESENTATION OF THE WORK AREA, ACTUAL FIELD CONDITIONS MAY DIFFER.

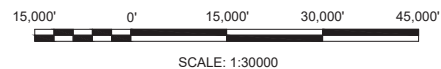
50,000' 0' 50,000' 100,000' 150,000'  
SCALE: 1:100000

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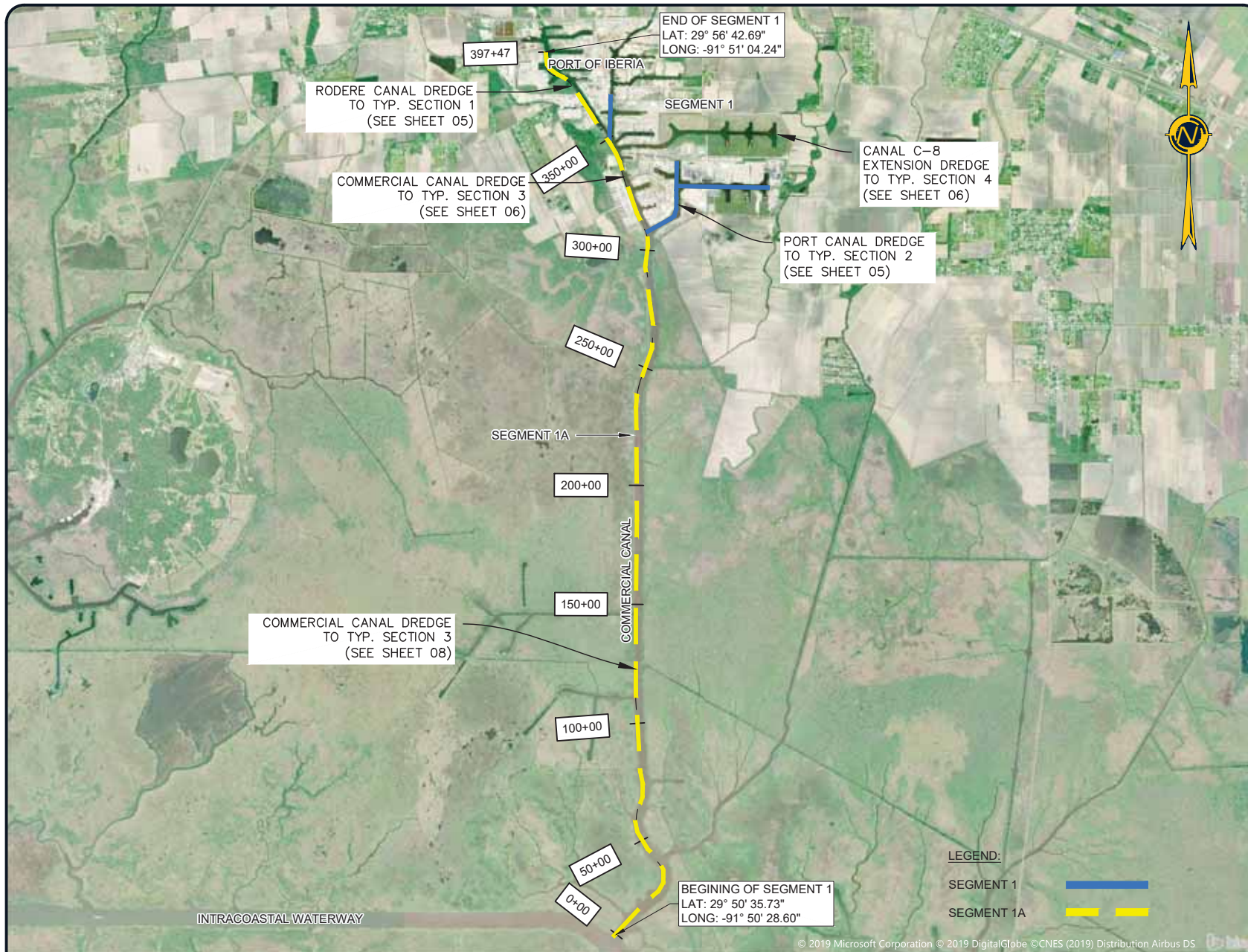
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PORT OF IBERIA

#### OVERALL PROJECT PLAN VIEW

Project number	39130-1197
Date	OCTOBER 2019
Designed by	LES
Drawn by	MAC, NPJ
Checked by	LES
Checked by	MM
Plot Date	January 9, 2020

02



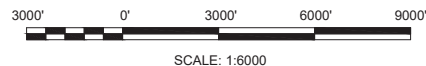


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NOTE:

TOTAL LENGTH OF CANAL TO BE DREDGED = 7.5 MILES.

TOTAL VOLUME OF MATERIAL DREDGED = 1,387,810 CY APPROX.



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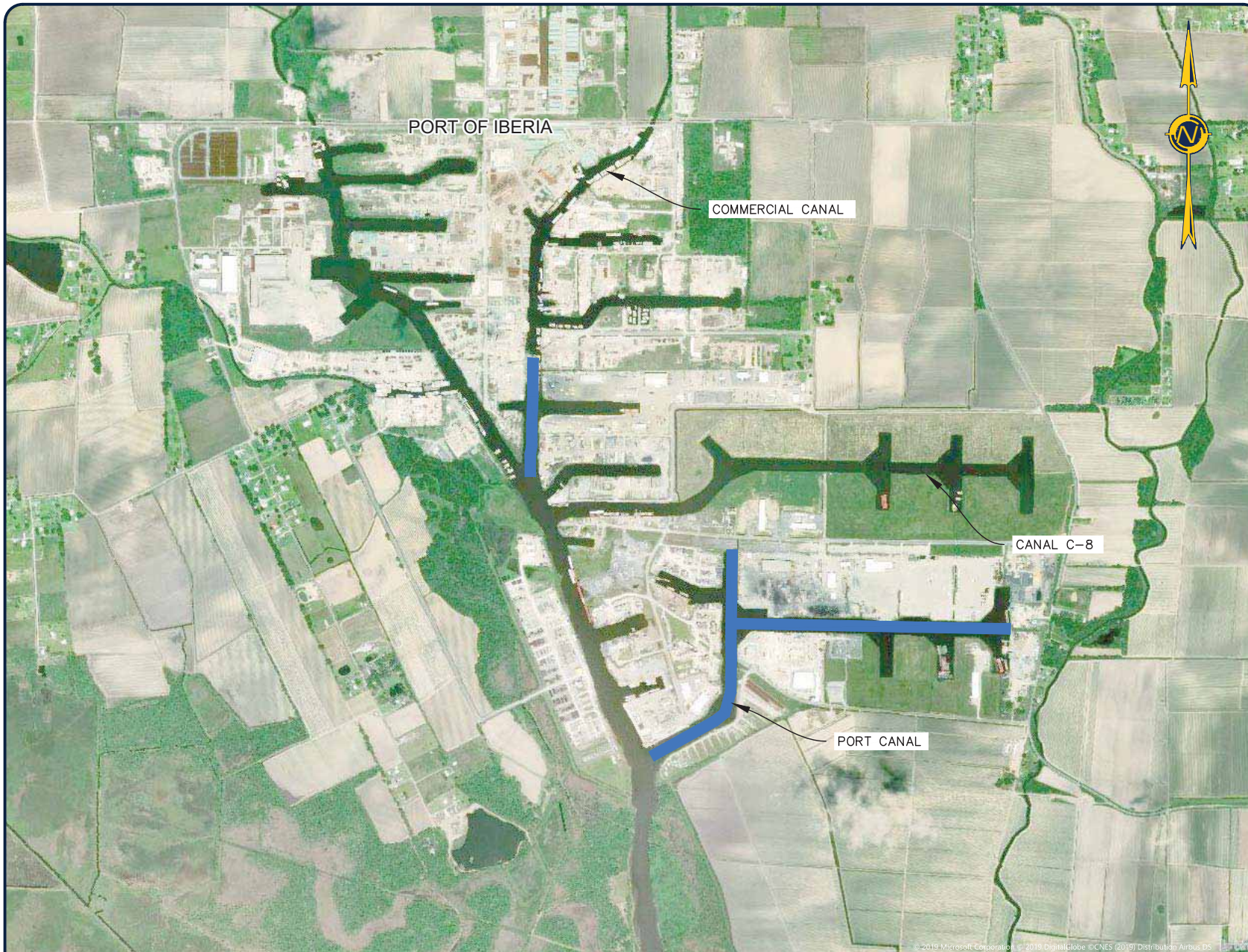
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#### SEGMENTS 1 AND 1A DREDGING PLAN VIEW

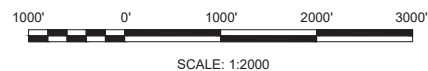
Project number	39130-1197
Date	OCTOBER 2019
Designed by	LES
Drawn by	MAC, NPJ
Checked by	LES
Checked by	MM
Plot Date	March 25, 2020

03





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ACCESS CHANNEL  
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#### SEGMENT 1 DREDGING PLAN VIEW

Project number	39130-1197
Date	OCTOBER 2019
Designed by	LES
Drawn by	MAC, NPJ
Checked by	LES
Checked by	MM
Plot Date	January 9, 2020

04



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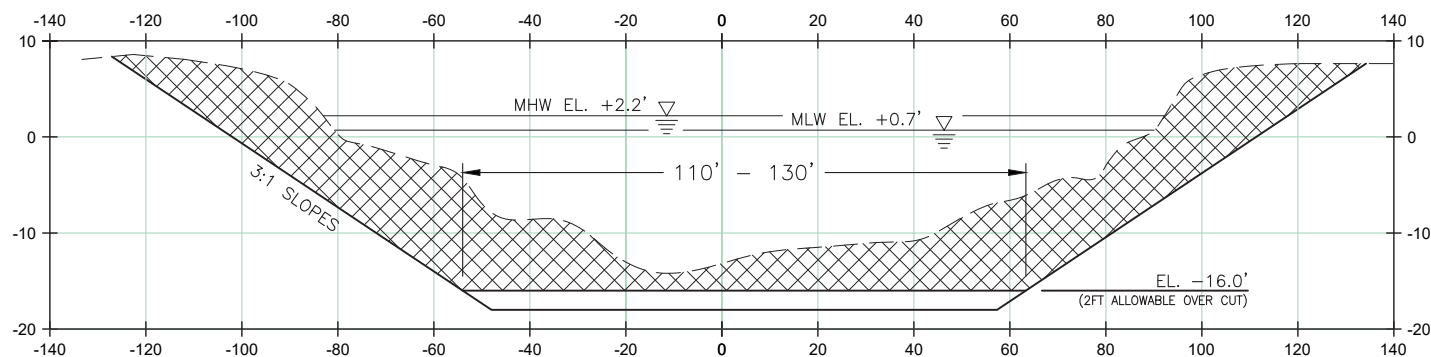
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PORT OF IBERIA

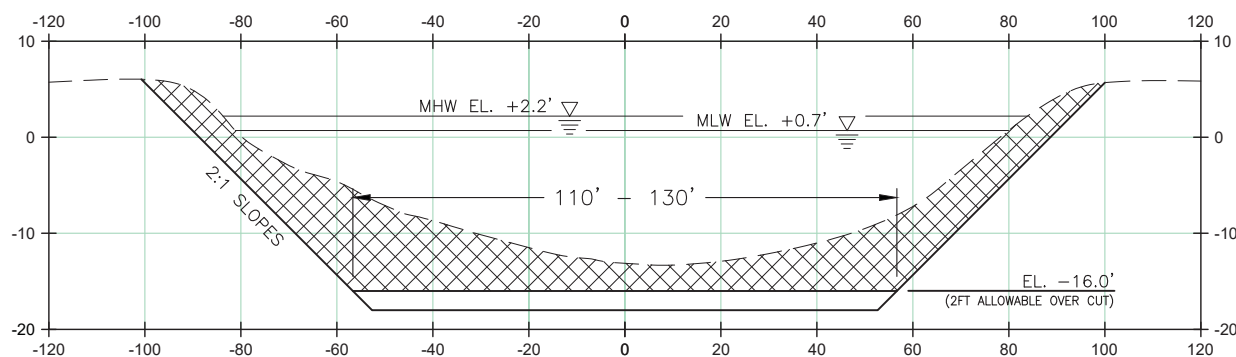
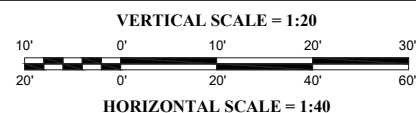
#### SEGMENT 1 TYPICAL CROSS SECTIONS

Project number	39130-1197
Date	OCTOBER 2019
Designed by	LES
Drawn by	MAC, NPJ
Checked by	LES
Checked by	MM
Plot Date	January 9, 2020

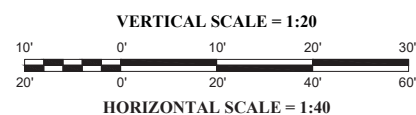
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#### TYPICAL SECTION 1 - RODERE CANAL



#### TYPICAL SECTION 2 - PORT CANAL







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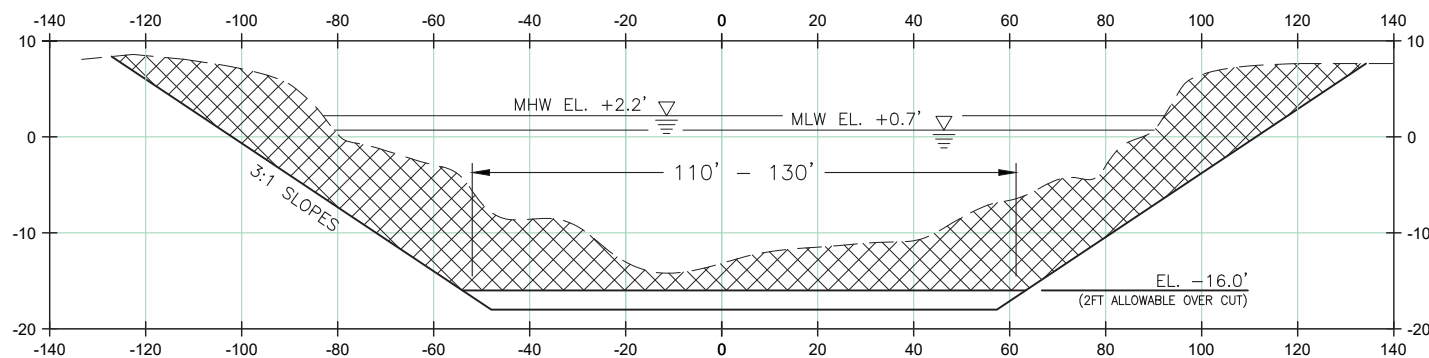
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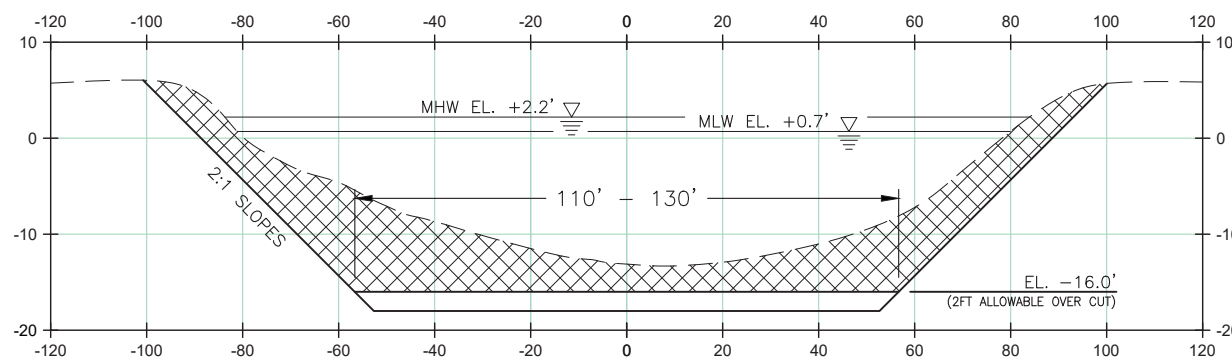
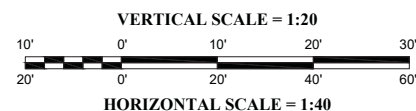
#### SEGMENT 1 TYPICAL CROSS SECTIONS

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Drawn by	MAC, NPJ
Checked by	LES
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Plot Date	January 9, 2020

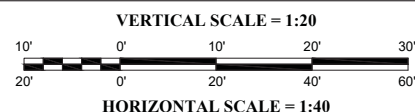
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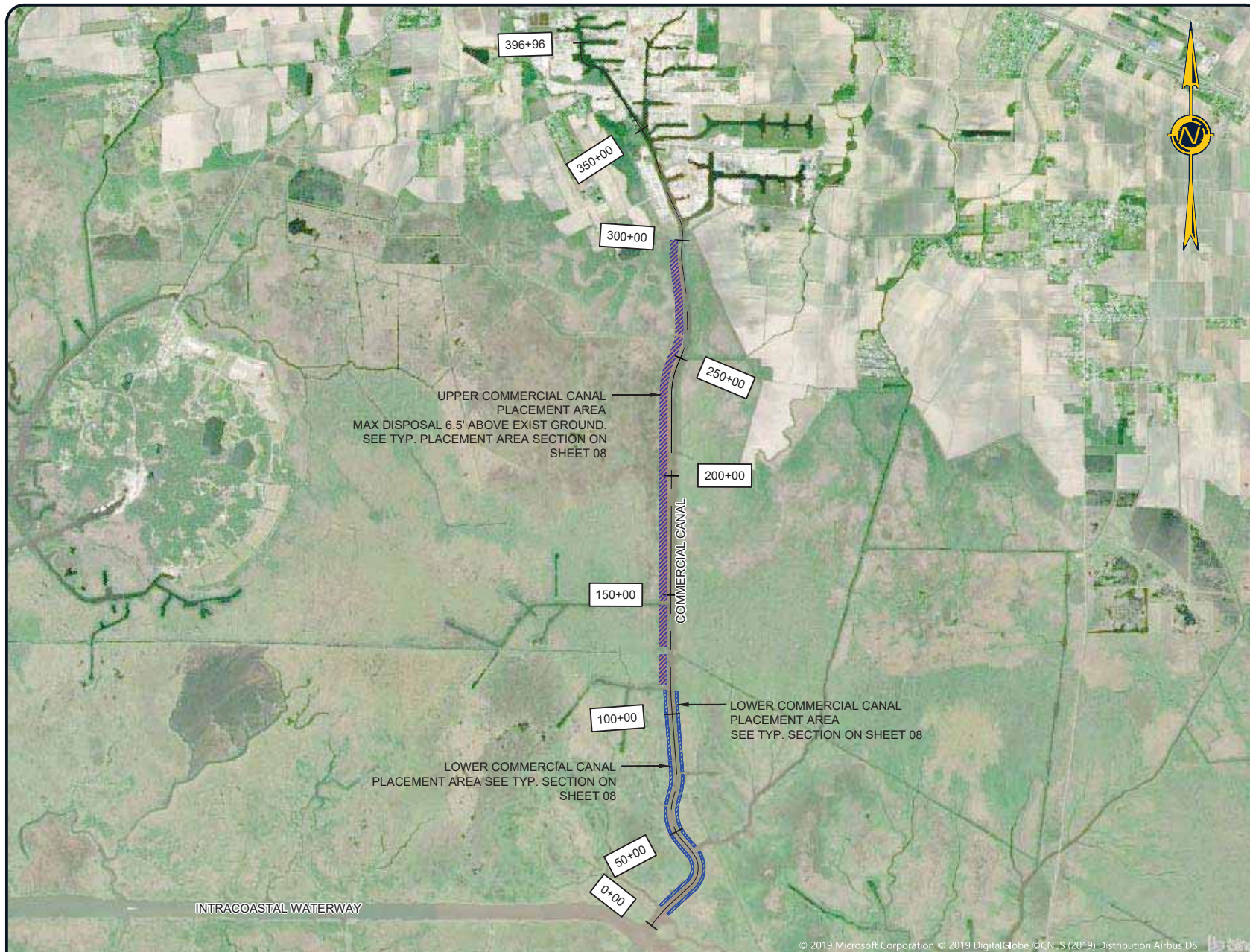
#### TYPICAL SECTION 3 - COMMERCIAL CANAL



#### TYPICAL SECTION 4 - CANAL C-8 EXTENSION





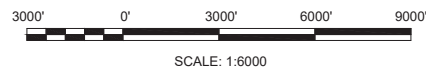


NOTE: THE IMAGE ABOVE IS A GENERAL REPRESENTATION OF THE WORK AREA, ACTUAL FIELD CONDITIONS MAY DIFFER.

#### NOTES:

A BARGE MOUNTED BUCKET DREDGE WILL BE USED TO EXCAVATE AND PLACE MATERIAL IN THE LOWER SECTION OF THE COMMERCIAL CANAL.

A HYDRAULIC DREDGE WILL BE USED TO DREDGE AND PLACE MATERIAL IN THE UPPER SECTION OF THE COMMERCIAL CANAL. PLACEMENT AREAS ALONG THE UPPER SECTION WILL BE ACCESSED FROM THE NORTH VIA SEGURA ROAD.



- DREDGED MATERIAL PLACEMENT AREA = ±165 ACRES
- POTENTIAL WETLANDS IMPACTED = ±129 ACRES



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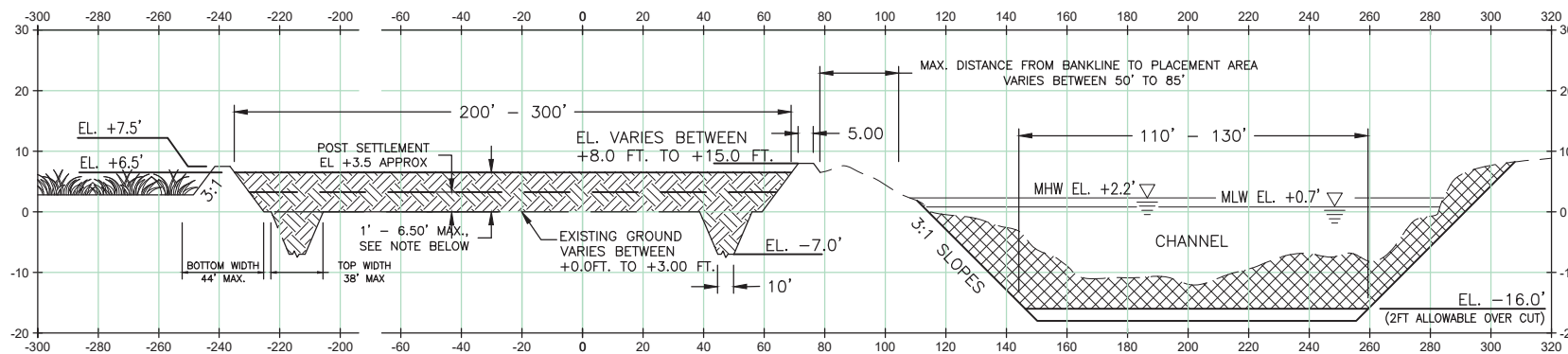
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ACCESS CHANNEL  
PORT OF IBERIA

### SEGMENT 1A DREDGE MATERIAL PLACEMENT PLAN VIEW

Project number	39130-1197
Date	OCTOBER 2019
Designed by	LES
Drawn by	MAC, NPJ
Checked by	LES
Checked by	MM
Plot Date	March 25, 2020

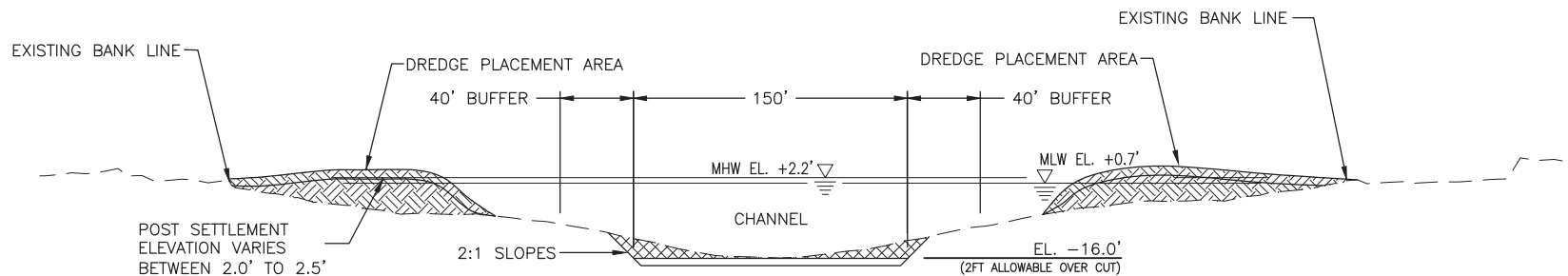
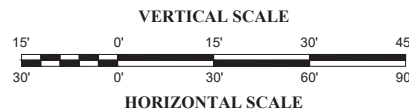
07



## COMMERCIAL CANAL TYPICAL PLACEMENT SECTION

### NOTE:

1. THE CONTAINMENT DIKE TO THE WEST WILL BE CONSTRUCTED ALONG THE INTERFACE OF THE MARSH.
2. ELEVATION OF EXISTING MARSH VARIES BETWEEN +1.0 TO +2.0 FT.



### NOTE:

1. THE DREDGED MATERIAL WILL BE PLACED WITHIN THE CHANNEL ALONG THE BANKS TO REDUCE THE AMOUNT WETLANDS IMPACTED.

## COMMERCIAL CANAL TYPICAL PLACEMENT SECTION

SCALE: N.T.S.



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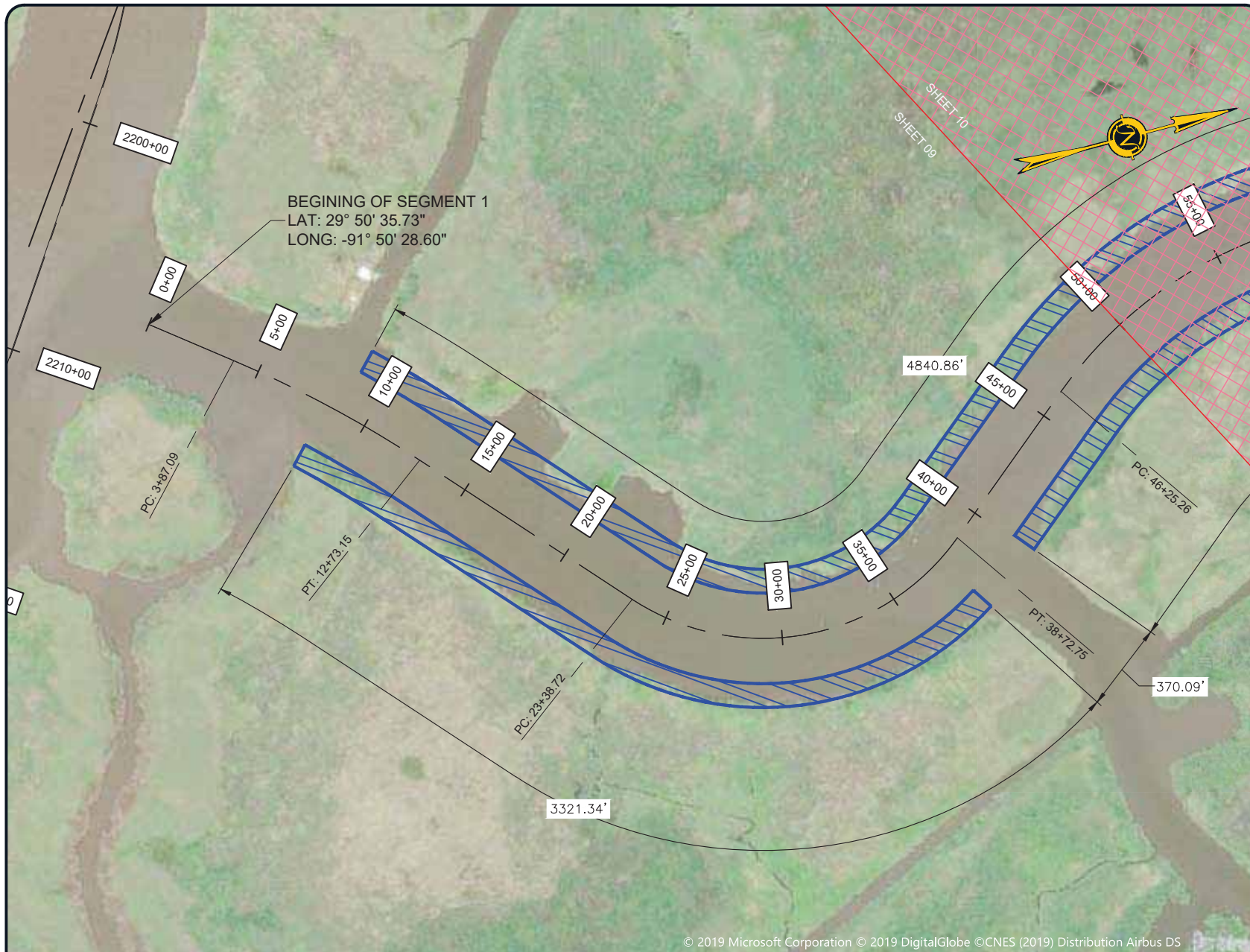
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PORT OF IBERIA

### SEGMENT 1A TYPICAL CROSS SECTIONS

Project number	39130-1197
Date	OCTOBER 2019
Designed by	LES
Drawn by	MAC, NPJ
Checked by	LES
Checked by	MM
Plot Date	March 26, 2020

08

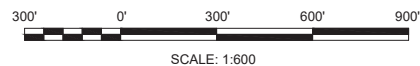




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**LEGEND:**

 DREDGE MATERIAL PLACEMENT AREA



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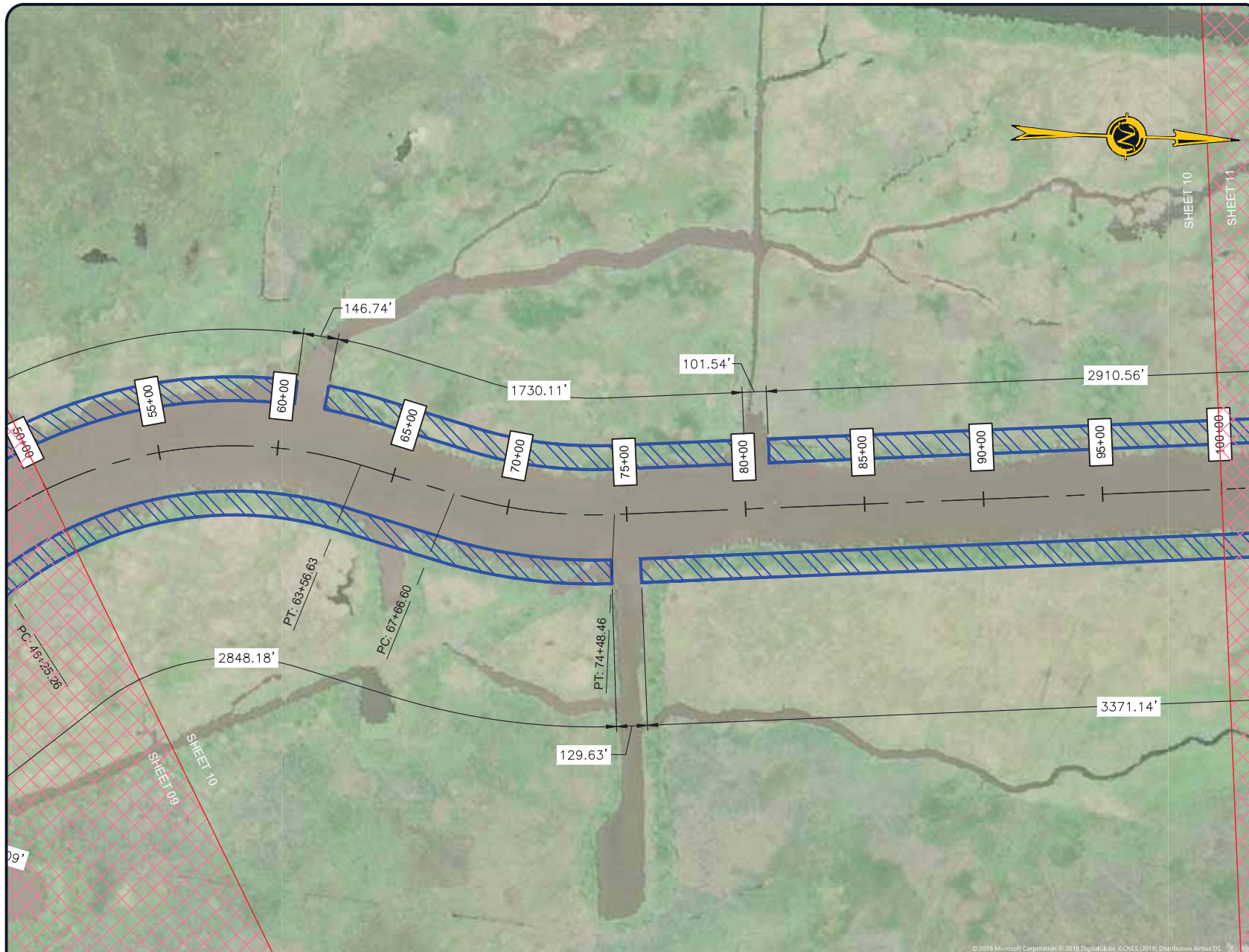
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ACCESS CHANNEL  
PORT OF IBERIA

**SEGMENT 1A  
DETAILED PLAN VIEW**

Project number	39130-1197
Date	OCTOBER 2019
Designed by	LES
Drawn by	MAC, NPJ
Checked by	LES
Checked by	MM
Plot Date	January 22, 2020

09

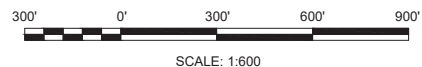




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**LEGEND:**

 DREDGE MATERIAL PLACEMENT AREA



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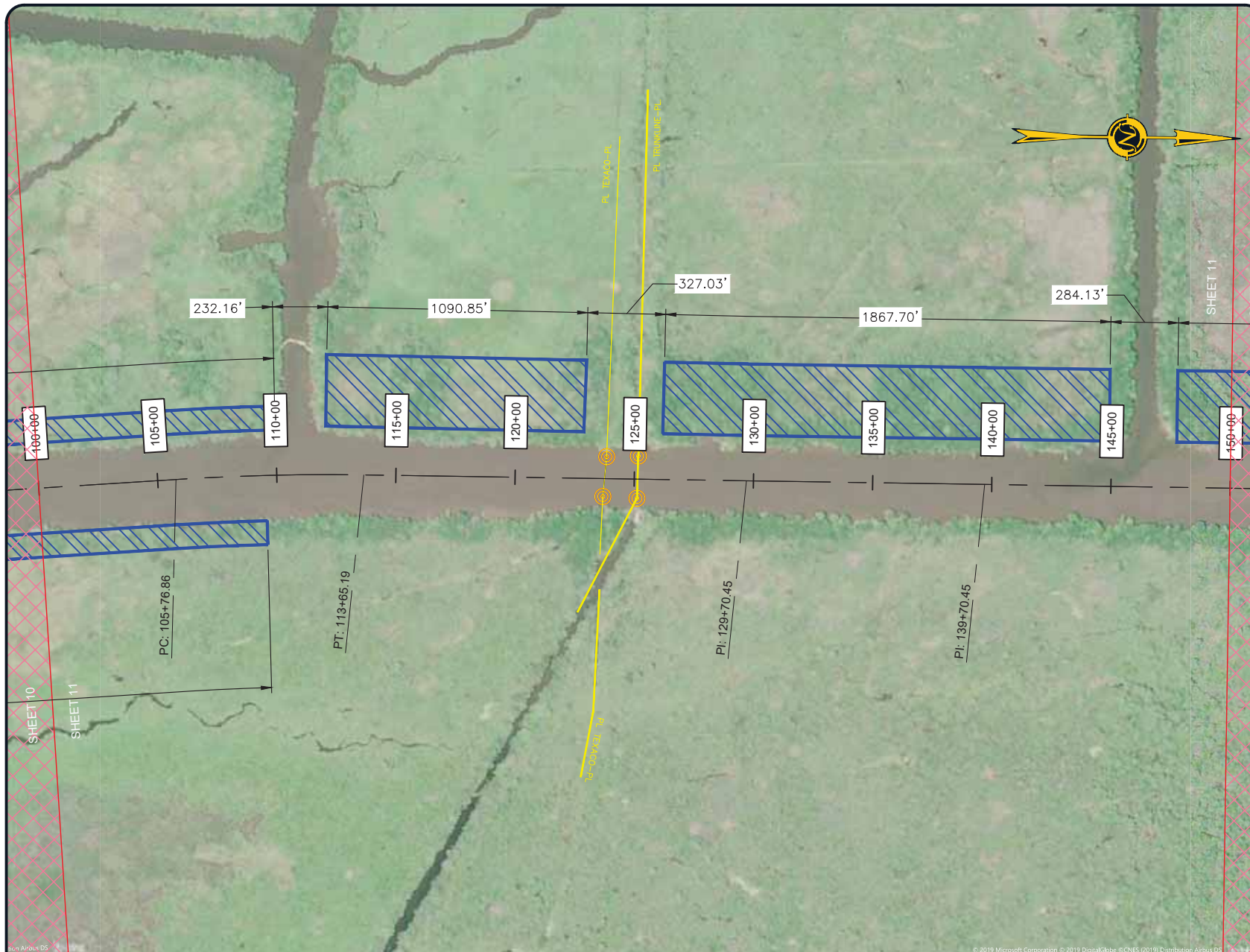
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**SEGMENT 1A  
DETAILED PLAN VIEW**

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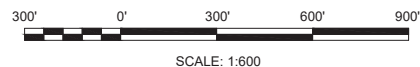
10



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#### LEGEND:

 DREDGE MATERIAL PLACEMENT AREA



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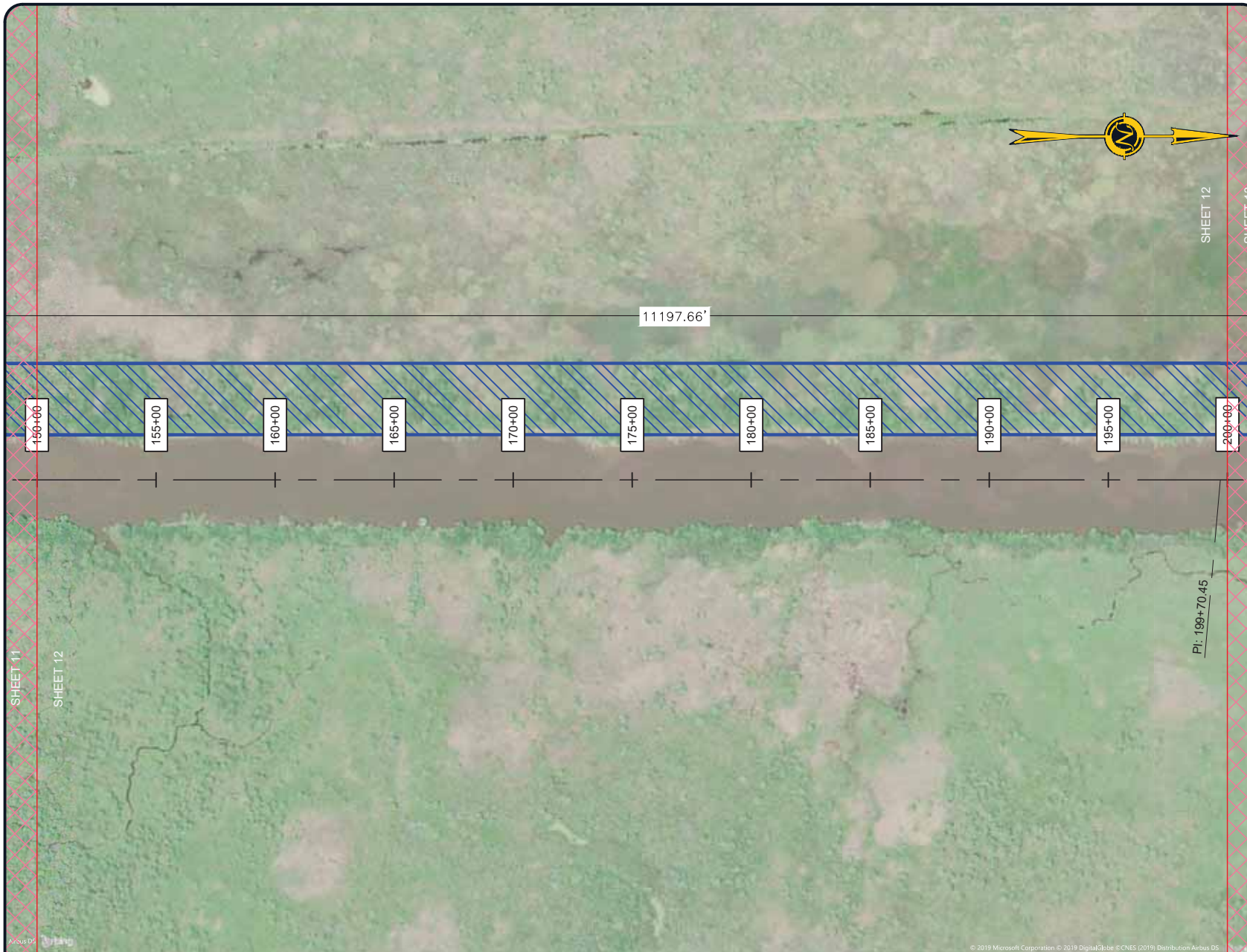
ACADIANA GULF OF MEXICO  
ACCESS CHANNEL  
PORT OF IBERIA

### SEGMENT 1A DETAILED PLAN VIEW

Project number	39130-1197
Date	OCTOBER 2019
Designed by	LES
Drawn by	MAC, NPJ
Checked by	LES
Checked by	MM
Plot Date	January 22, 2020

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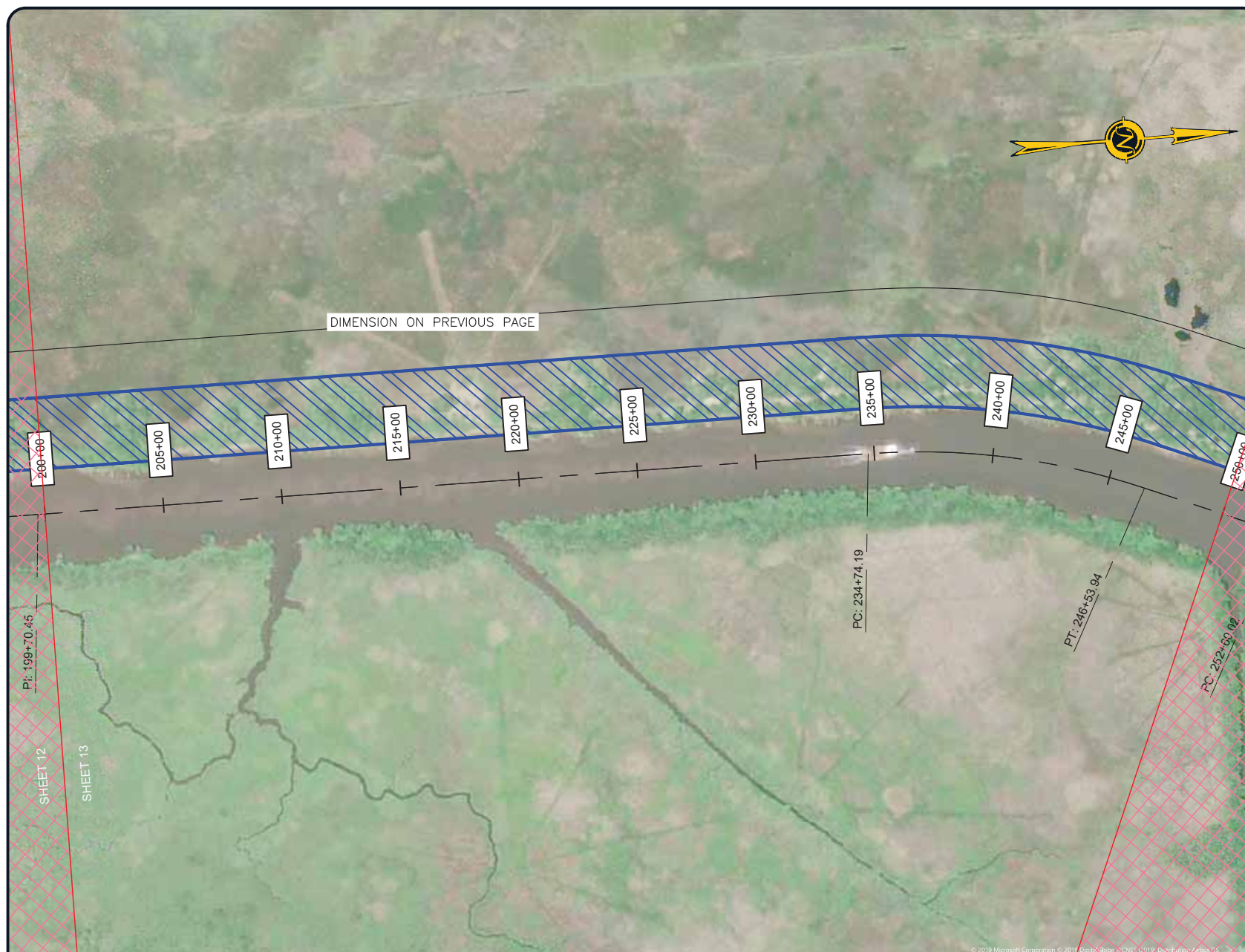
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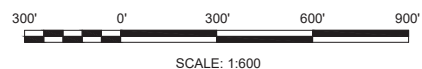
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NOTE: THE IMAGE ABOVE IS A GENERAL REPRESENTATION OF THE WORK AREA, ACTUAL FIELD CONDITIONS MAY DIFFER.

#### LEGEND:

 DREDGE MATERIAL PLACEMENT AREA



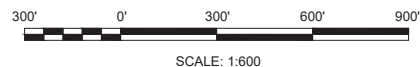




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 DREDGE MATERIAL PLACEMENT AREA



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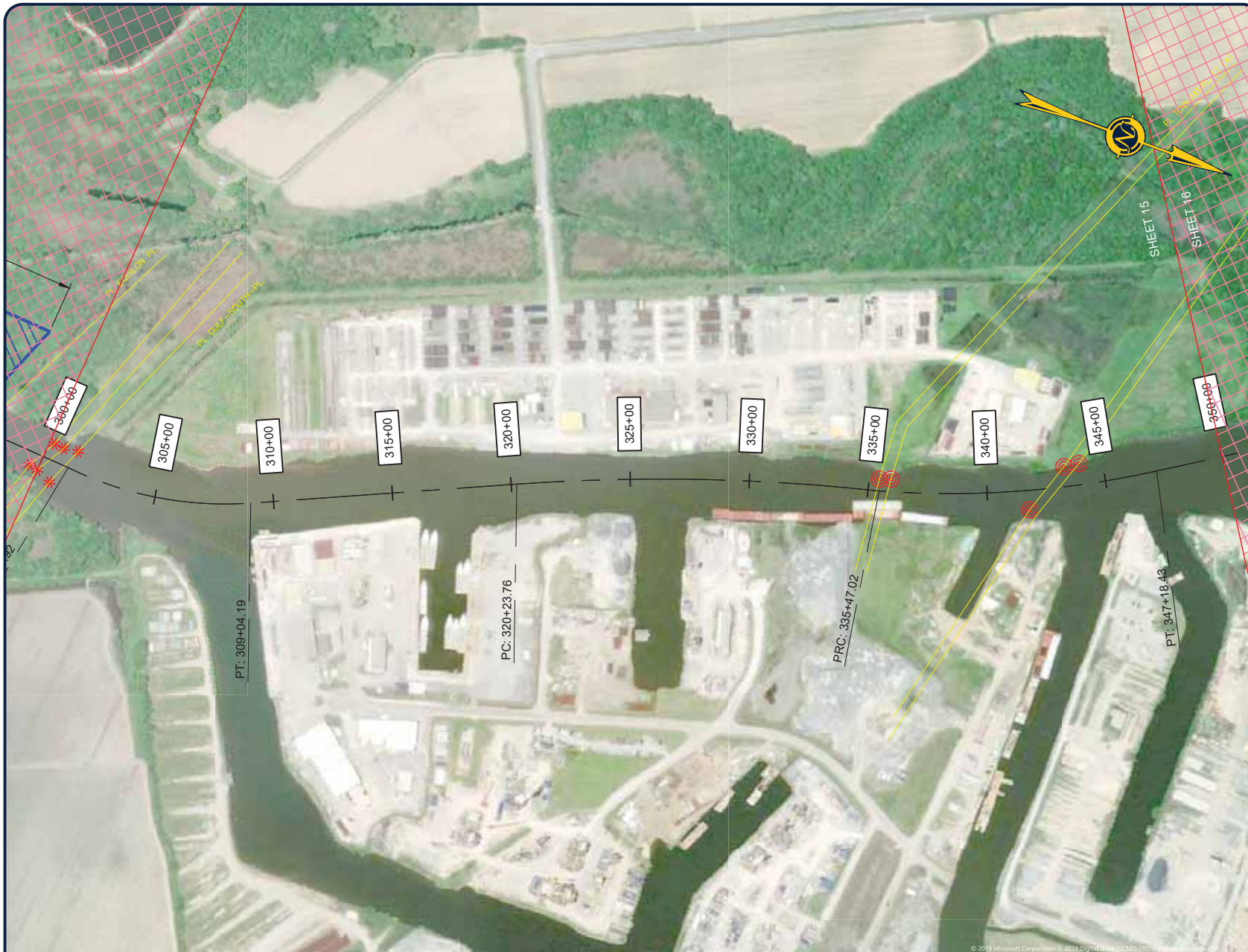
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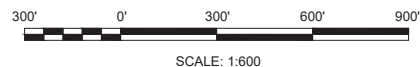




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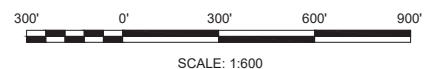
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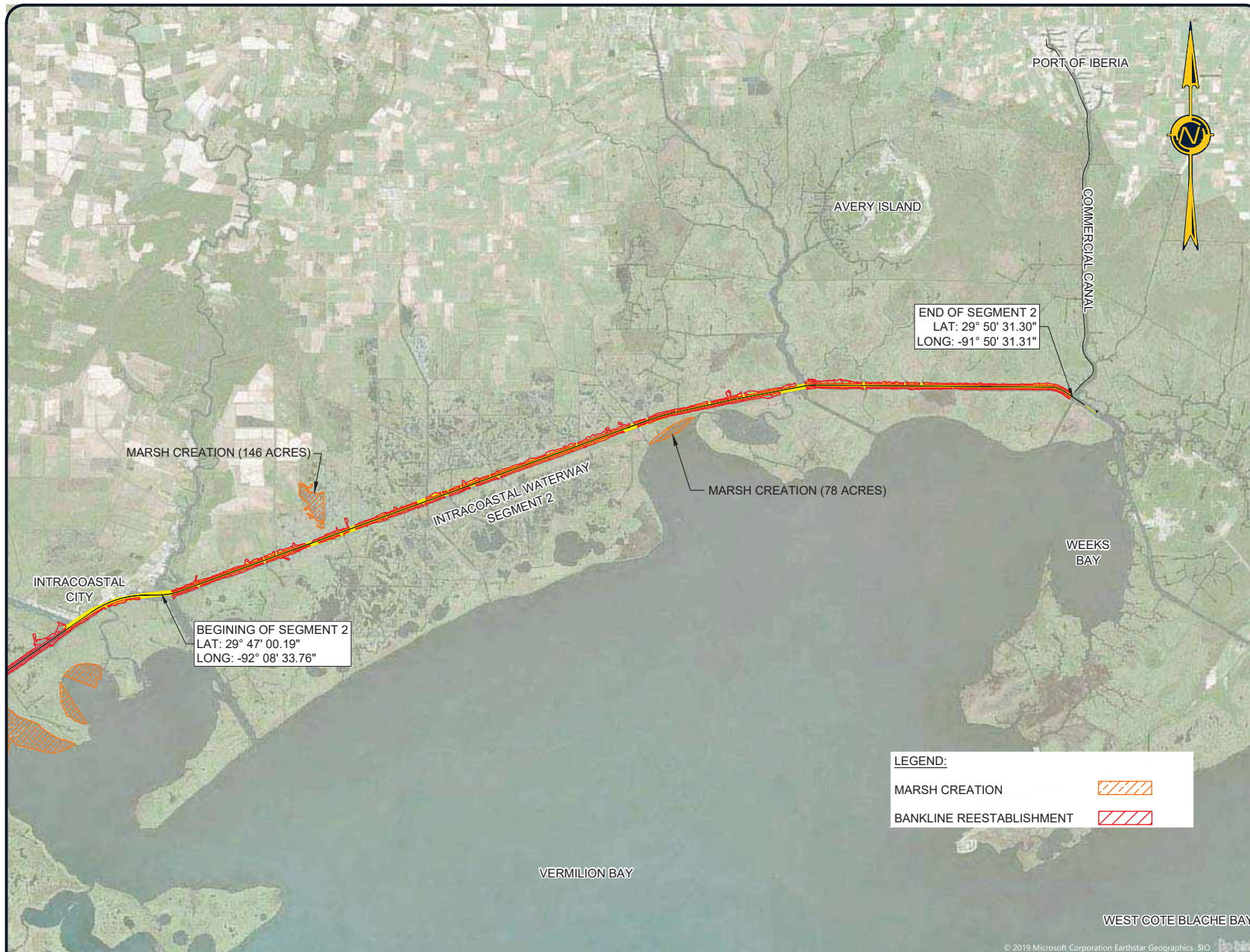
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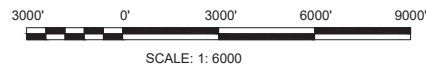






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TOTAL LENGTH OF CANAL TO BE DREDGED = 20 MILES  
 TOTAL ACRES OF BANKLINE REESTABLISHED = 725.5 ACRES.  
 TOTAL VOLUME OF DREDGED MATERIAL = 1,578,000 CY.  
 TOTAL ACRES OF MARSH CREATED = 224 ACRES



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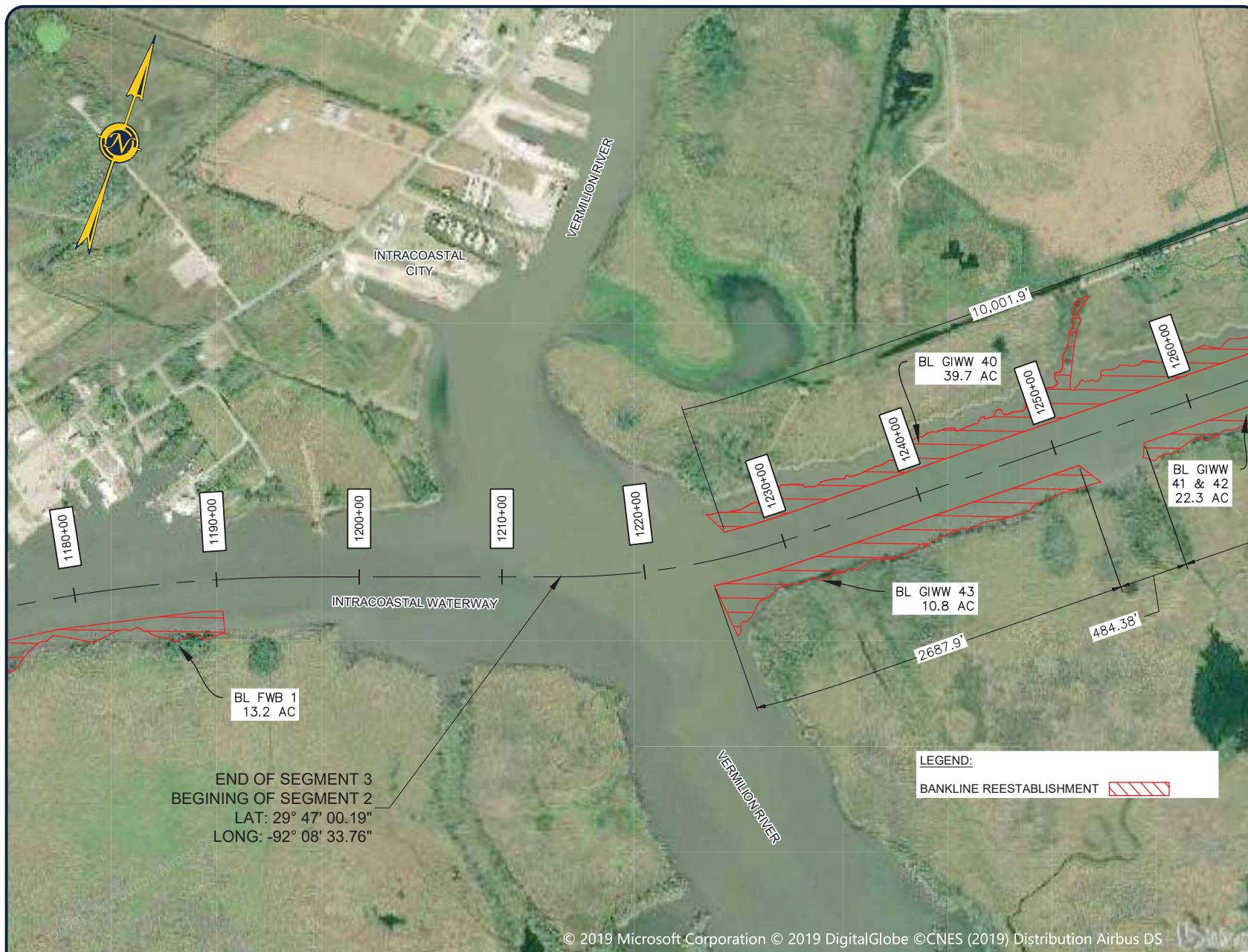
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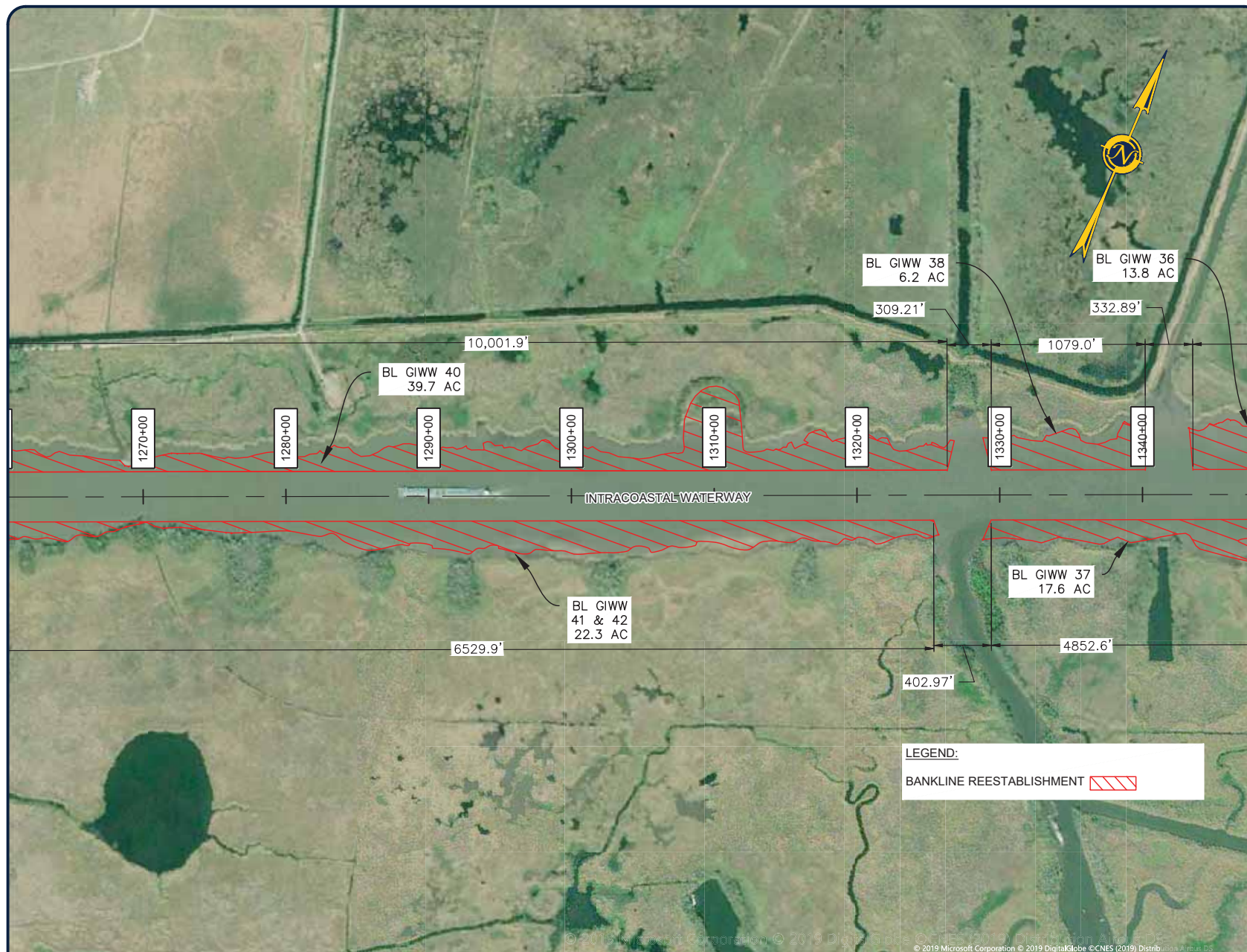
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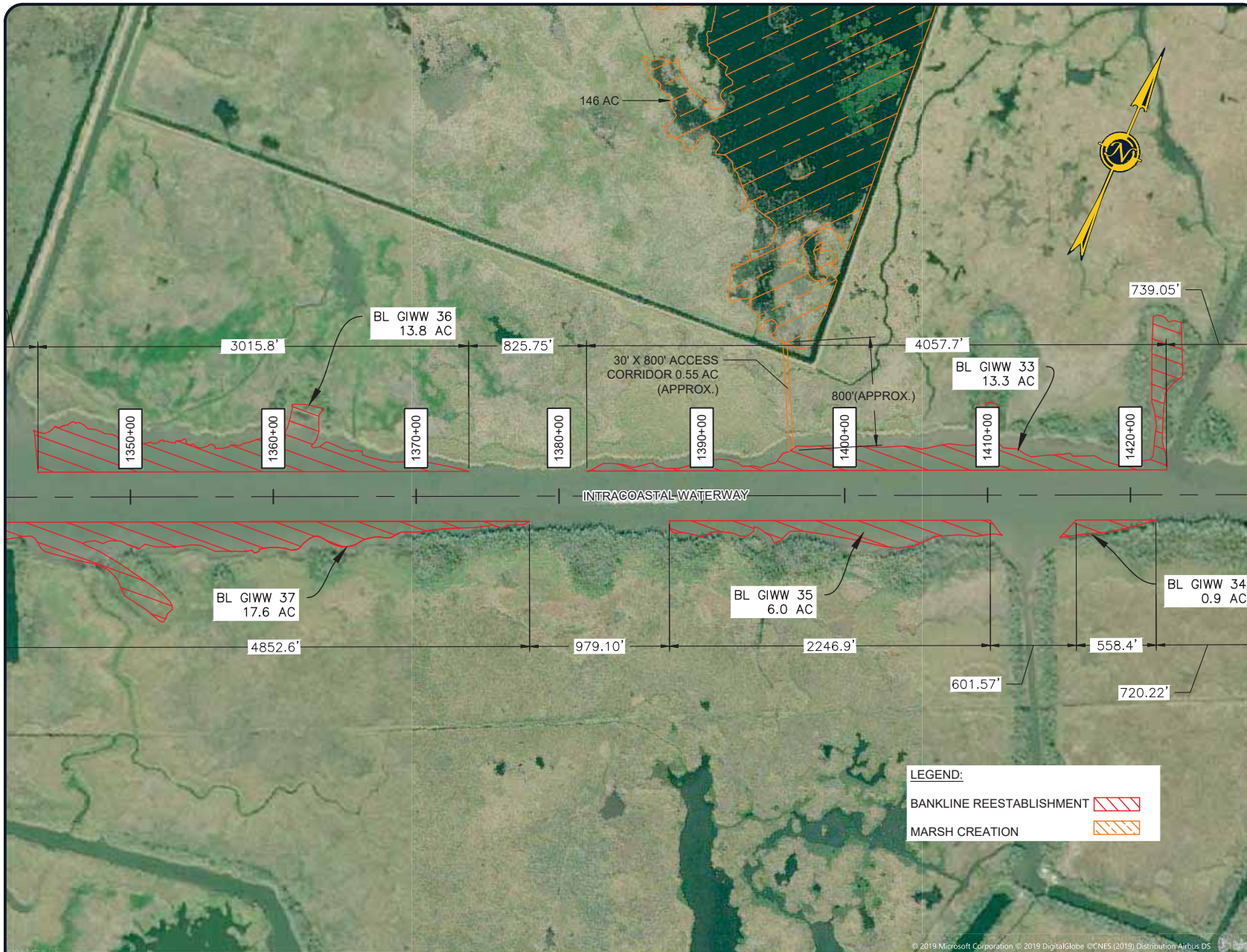
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Project number	39130-1197
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Checked by	MM
Plot Date	March 25, 2020





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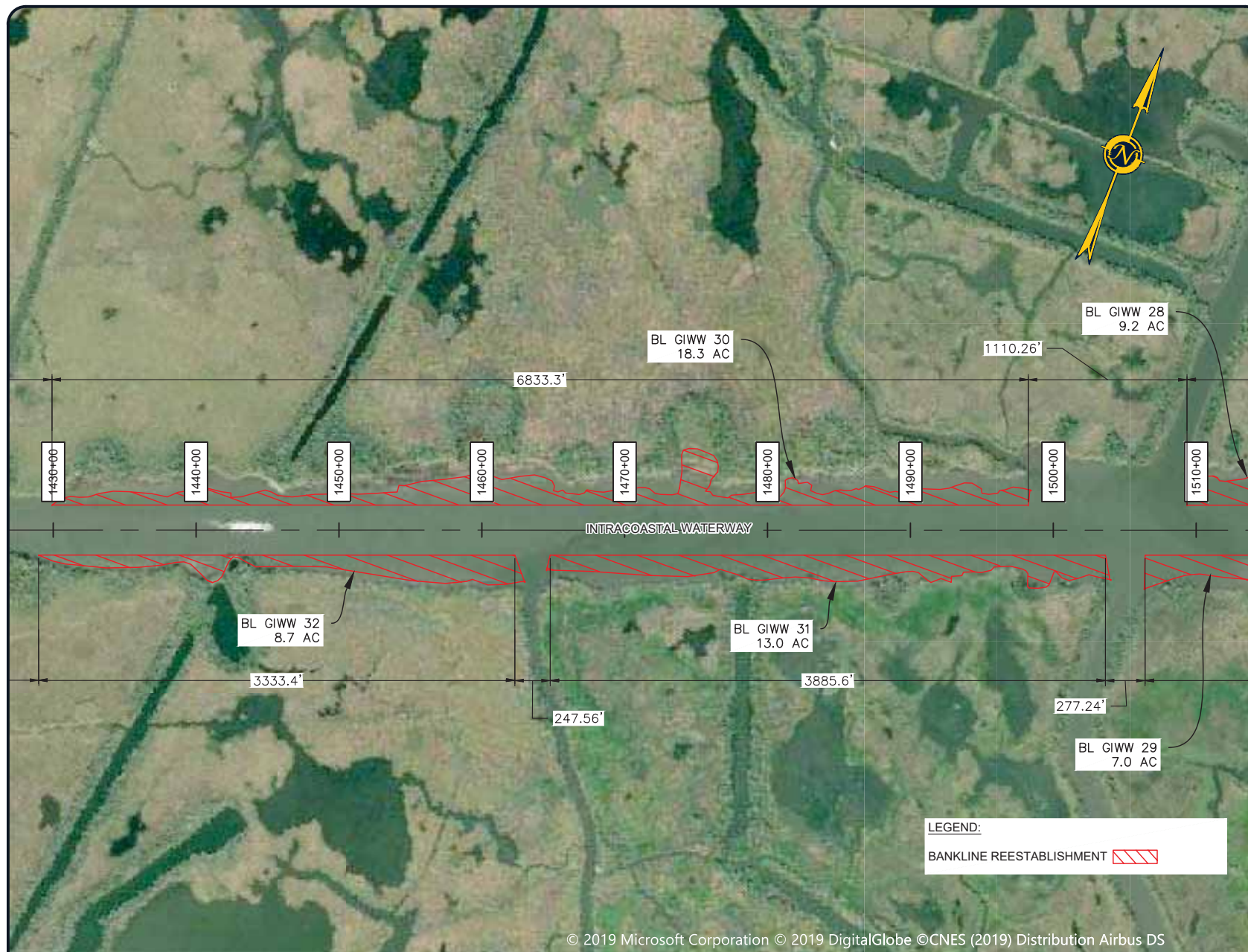
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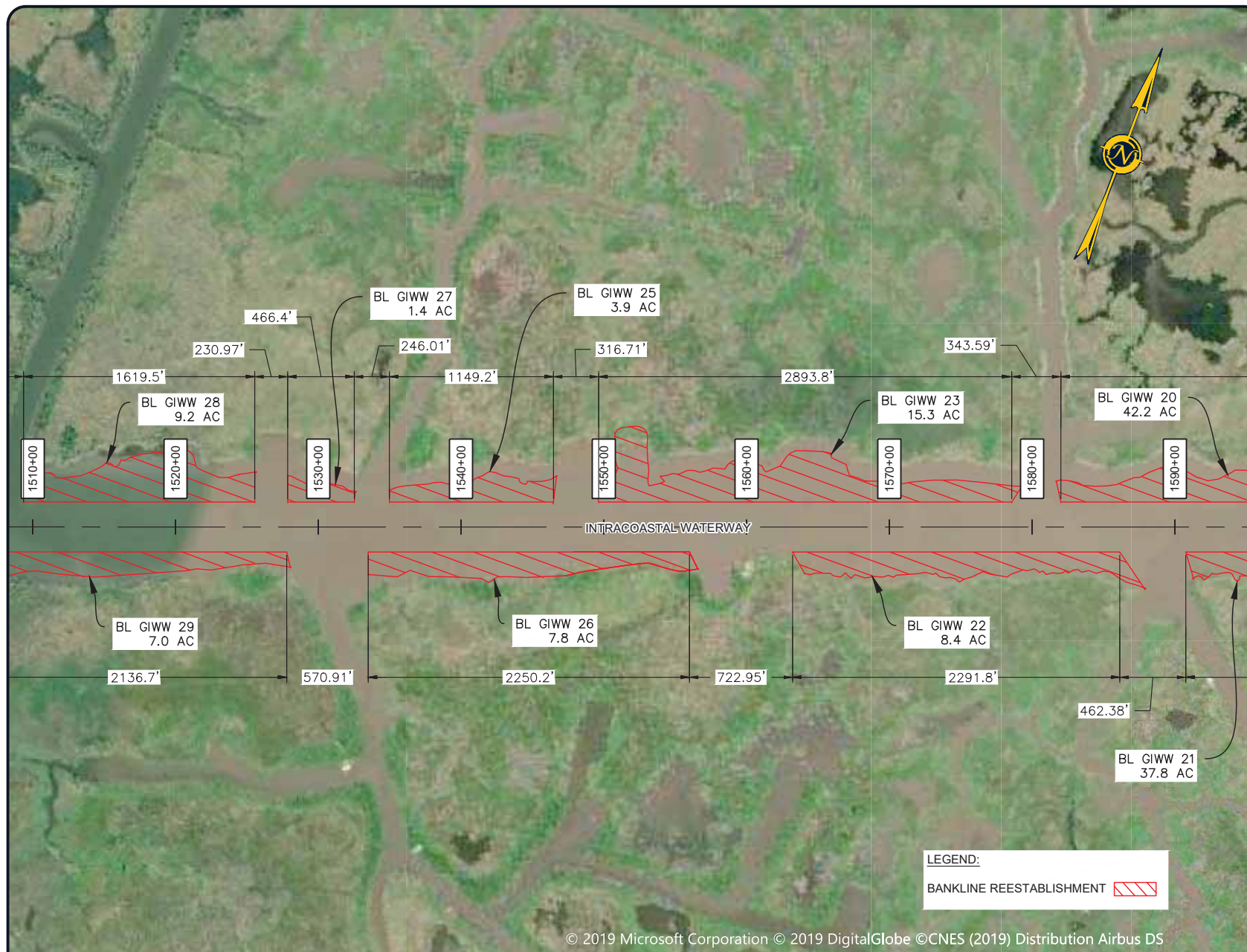
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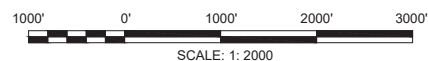
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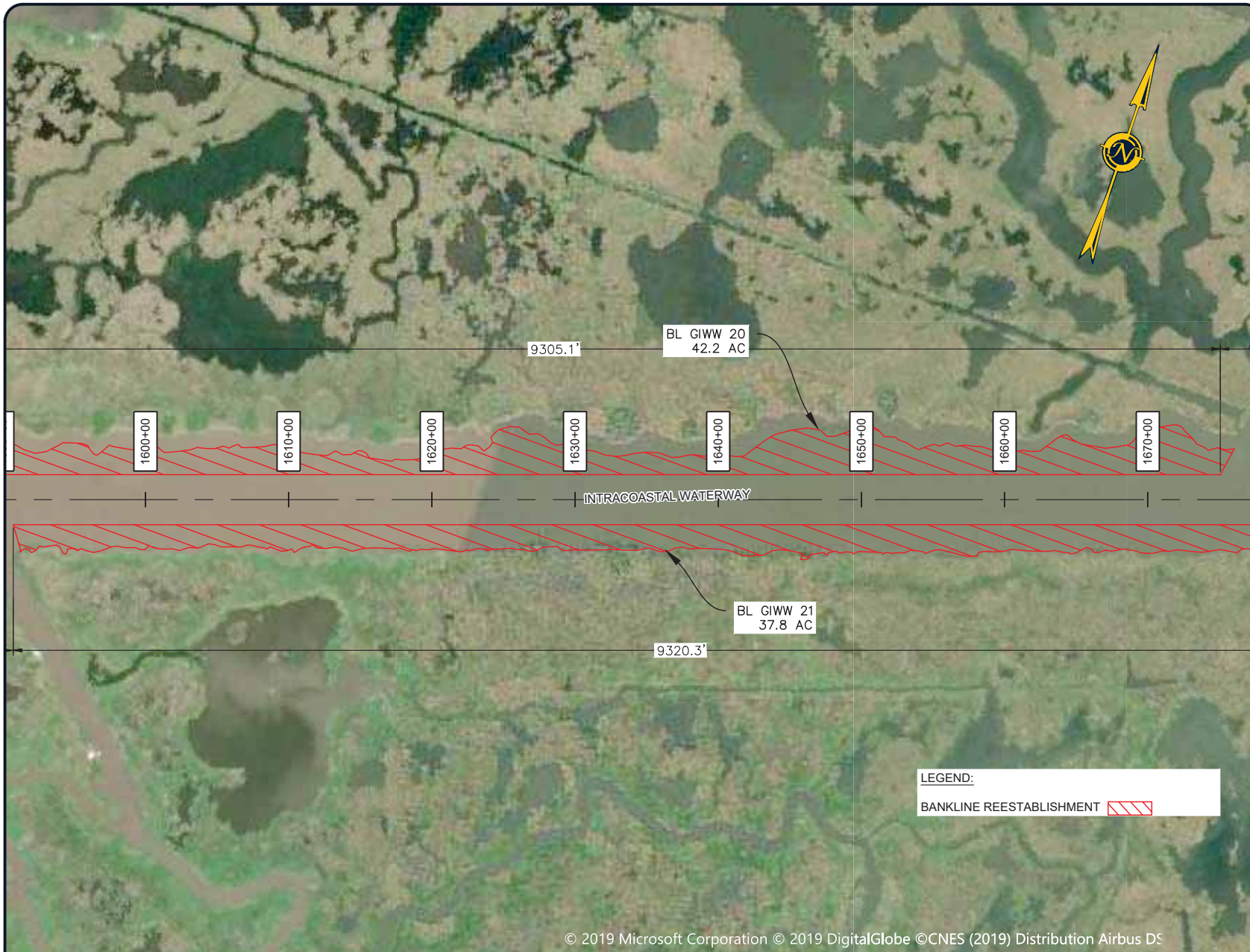
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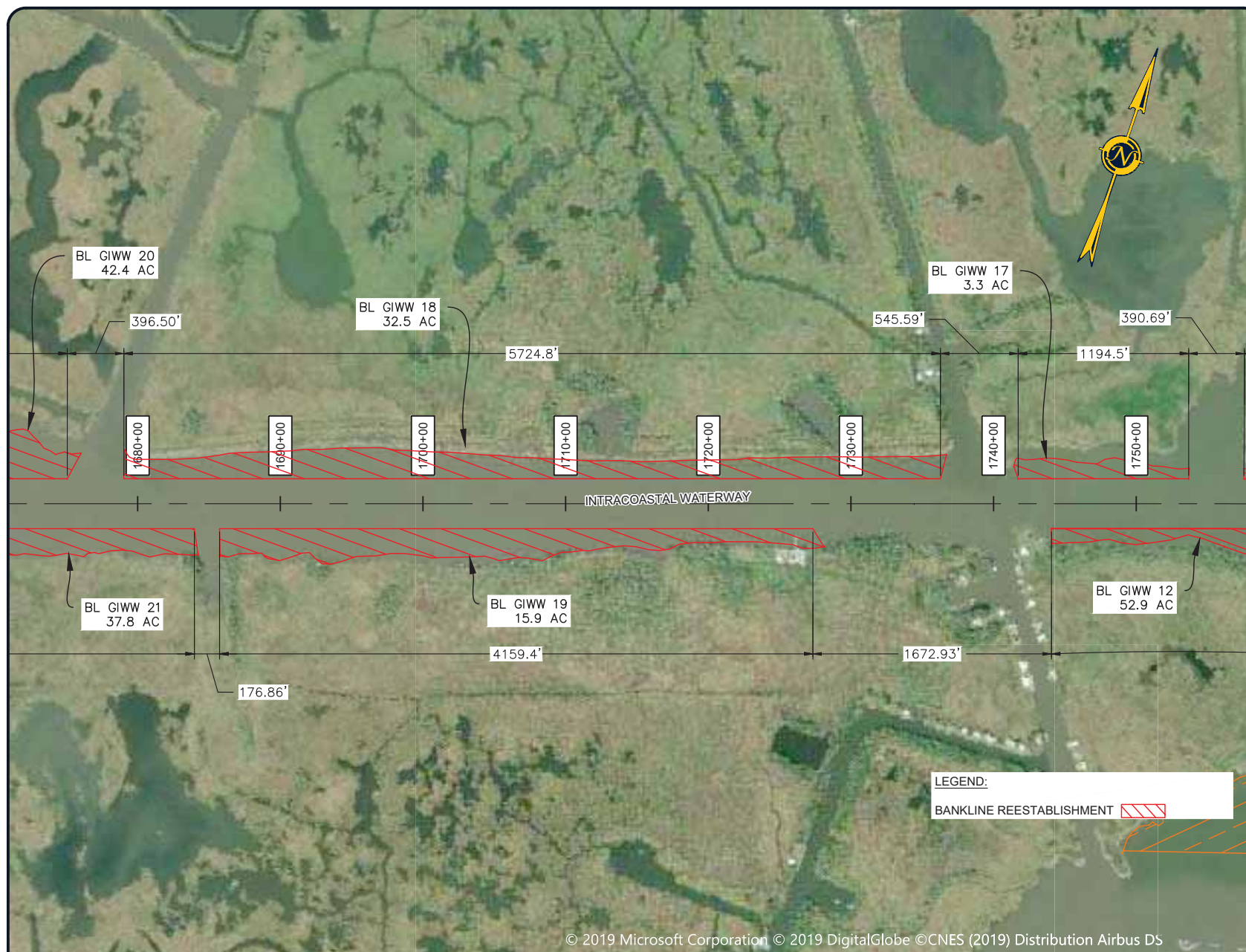
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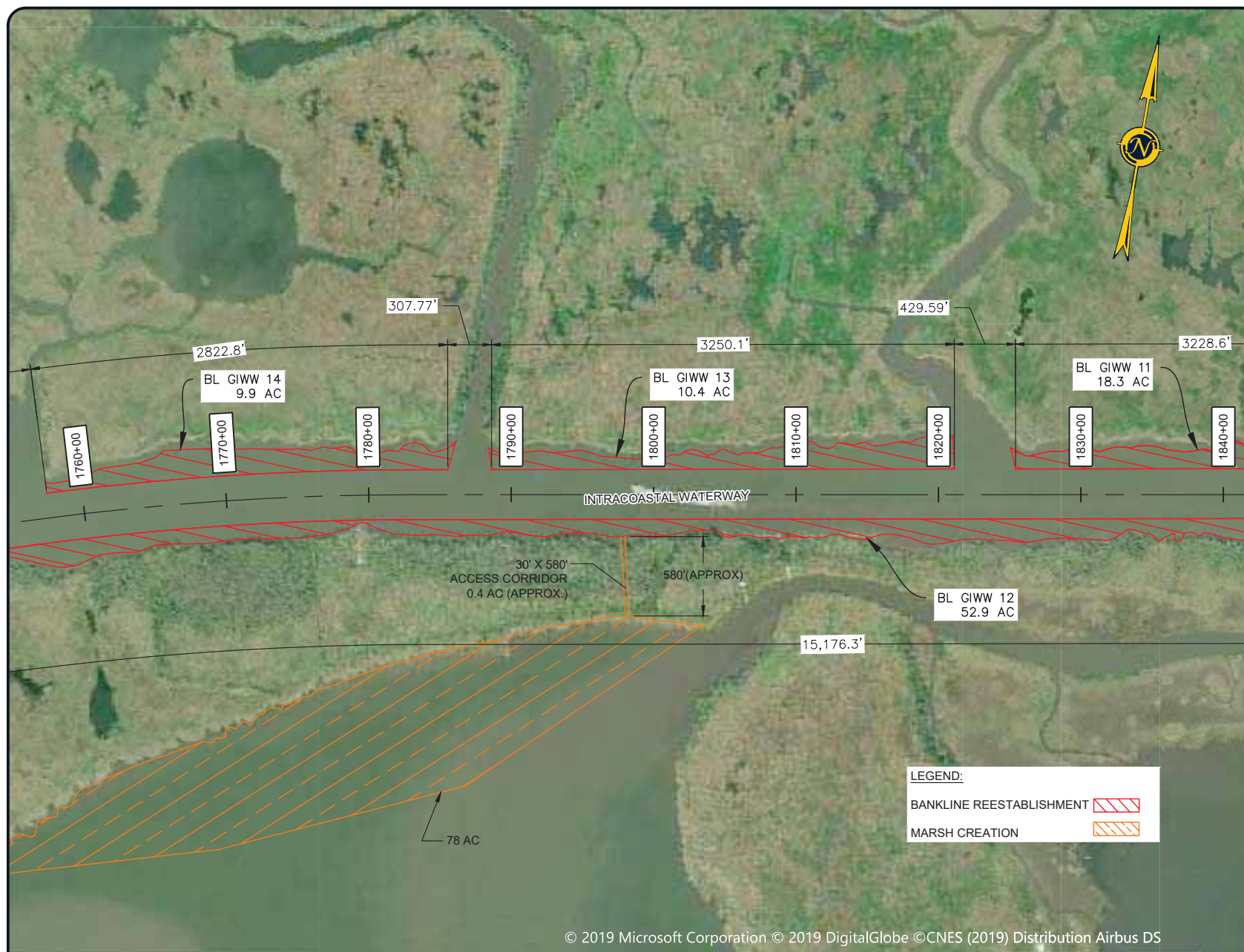
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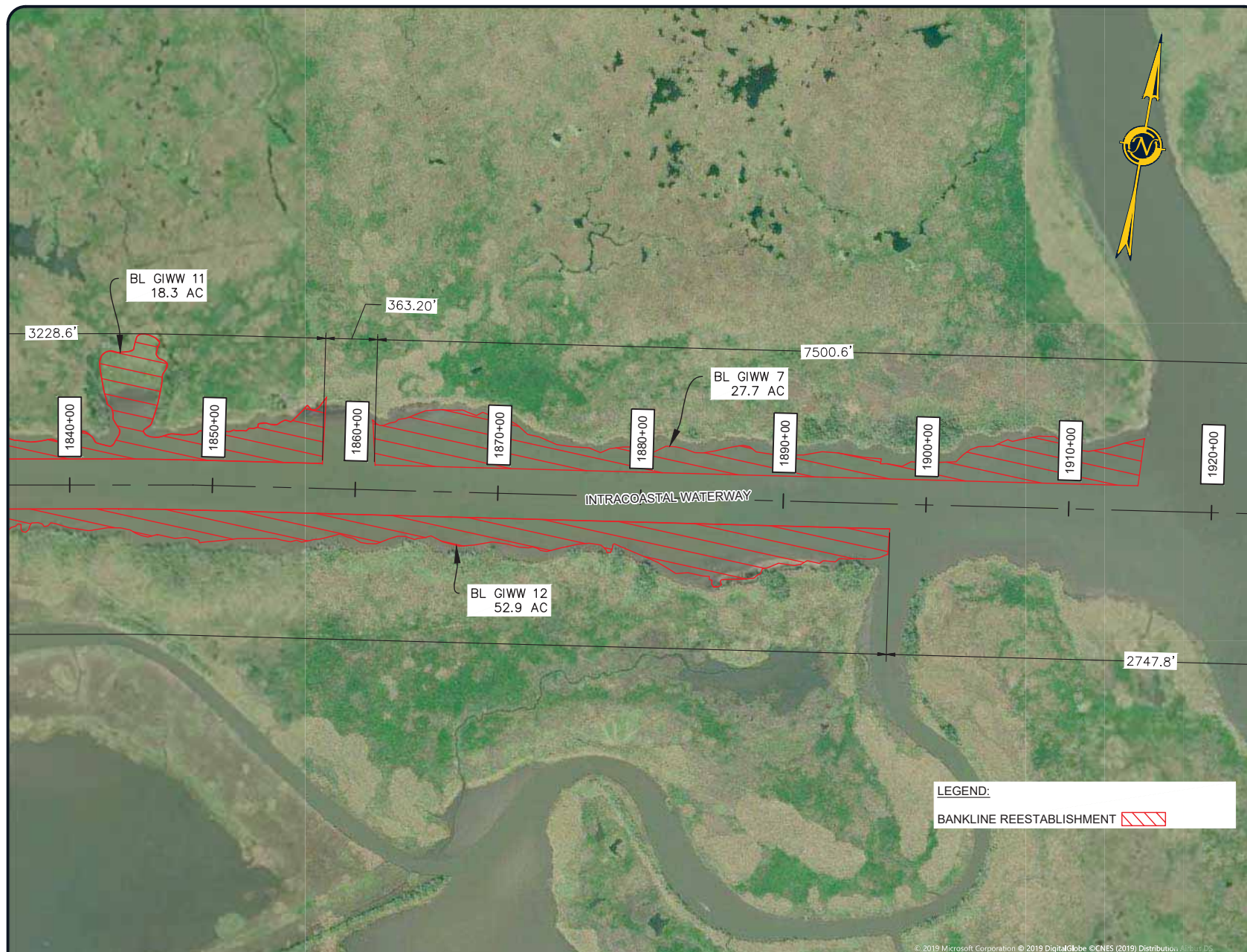
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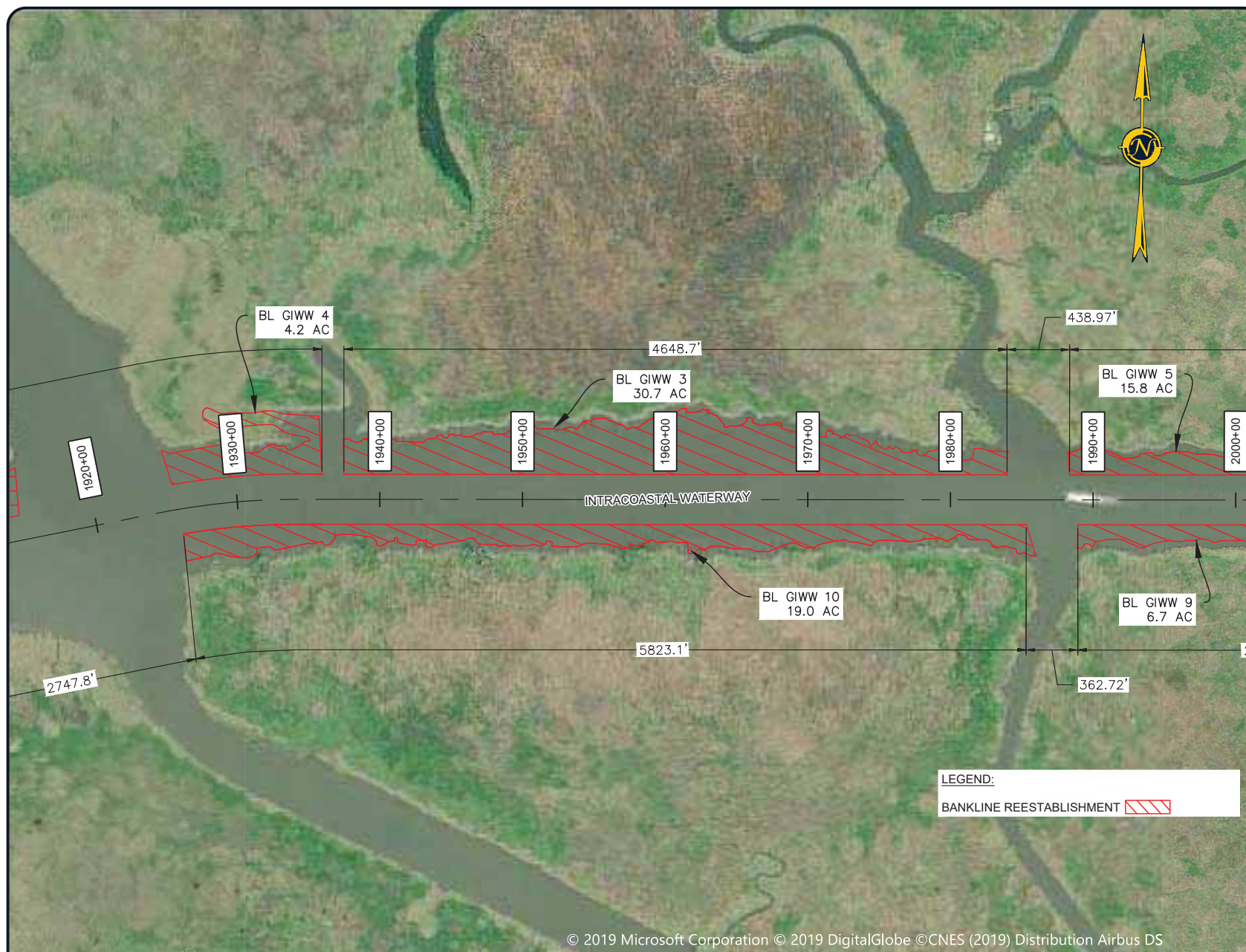
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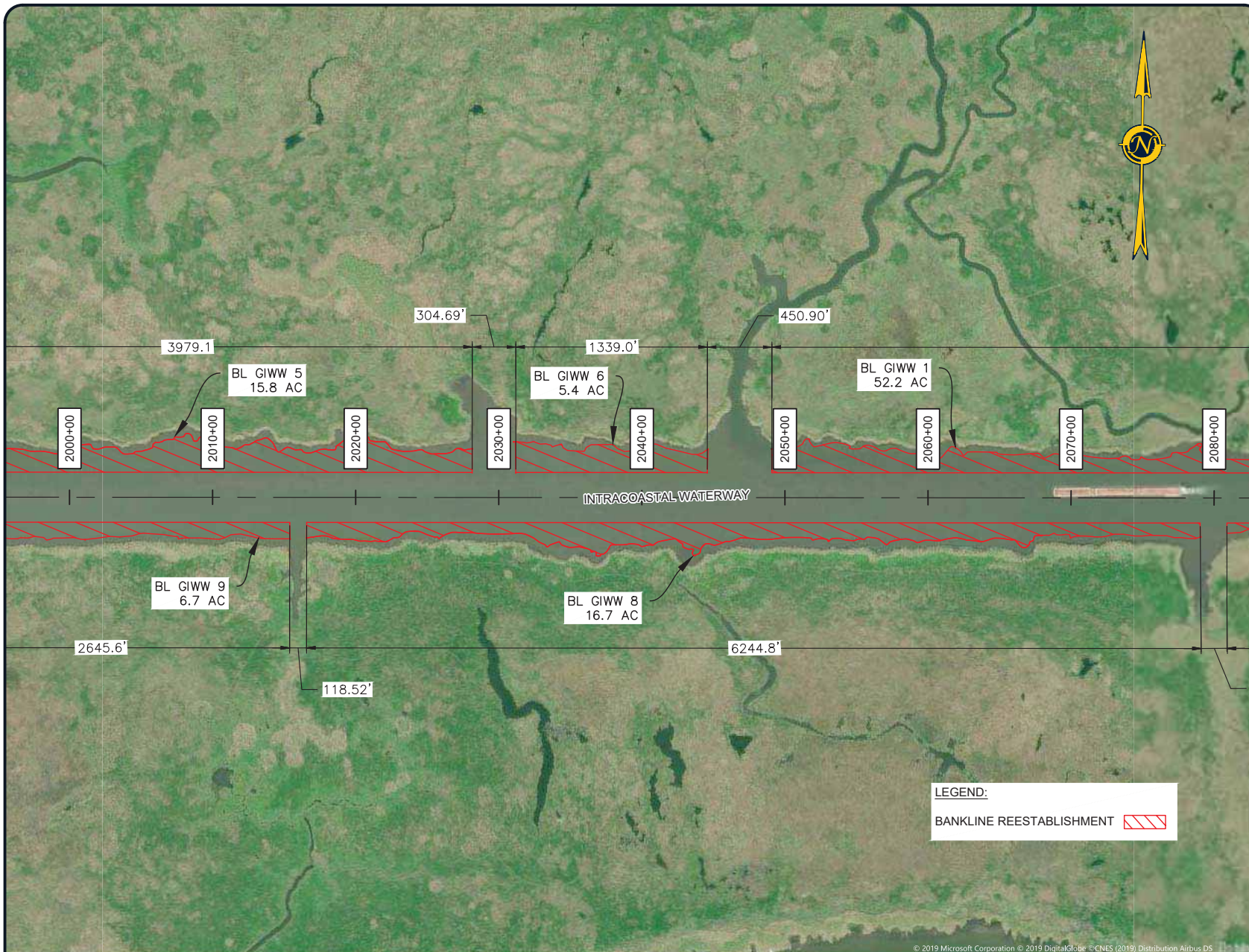
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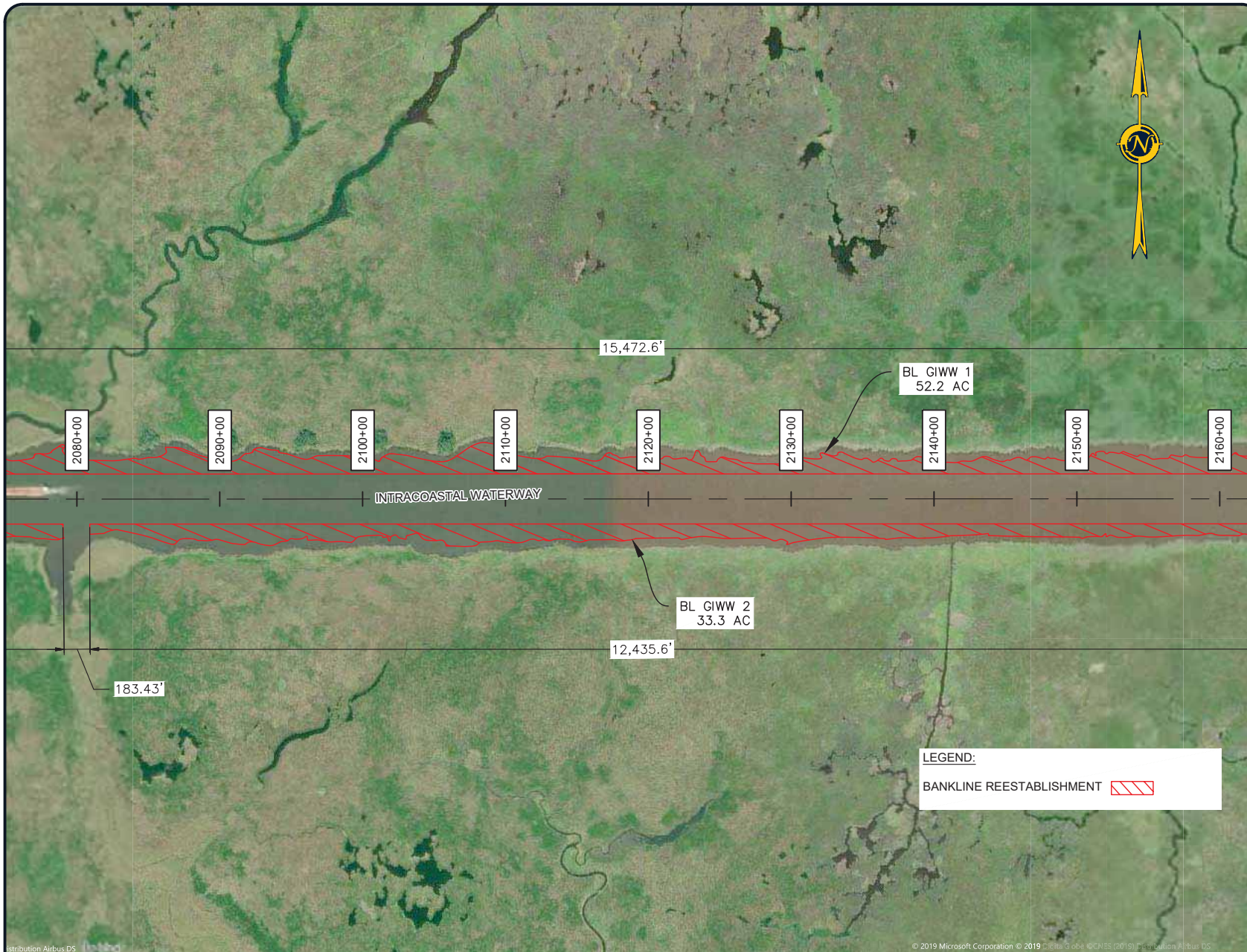
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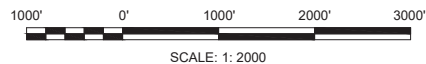
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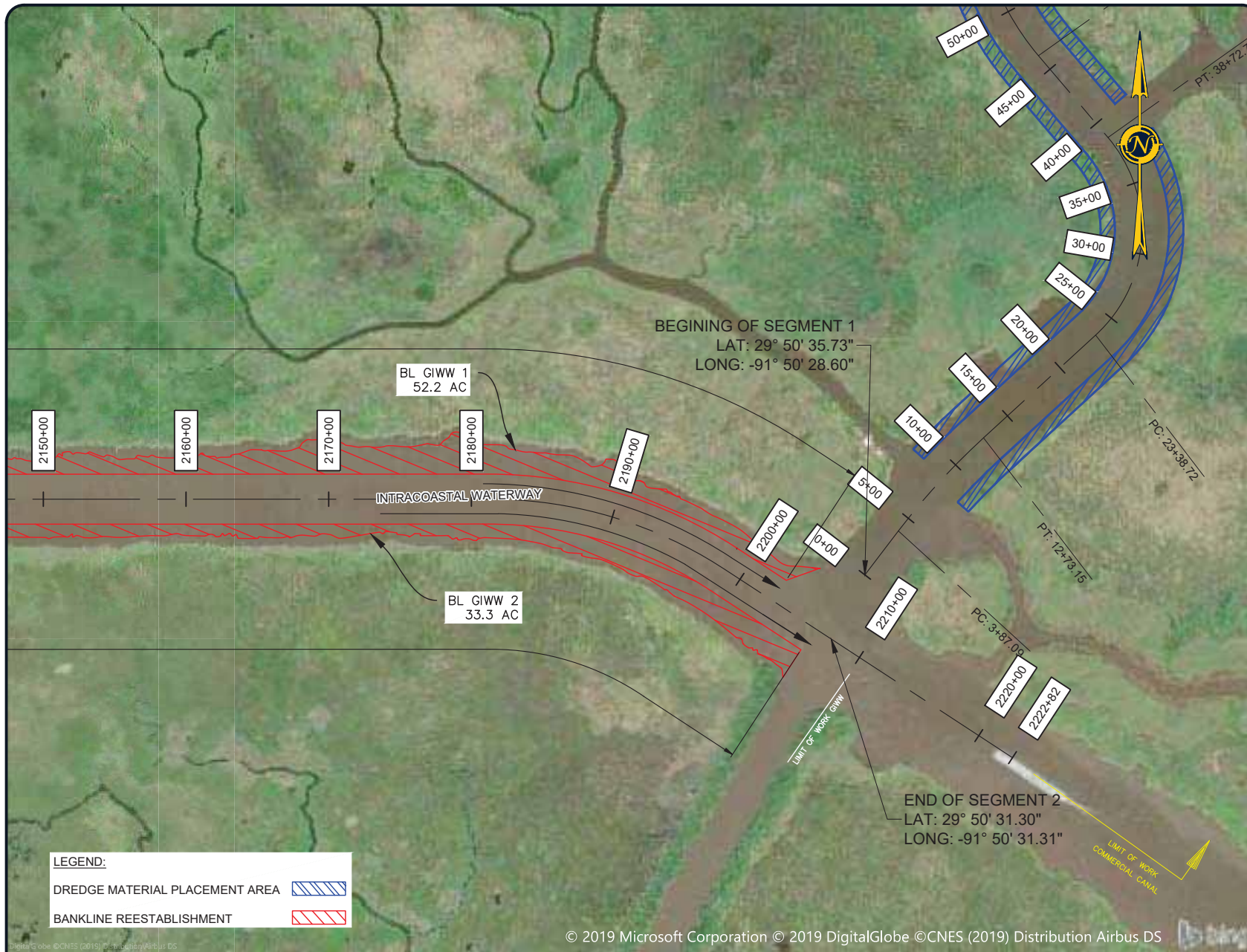
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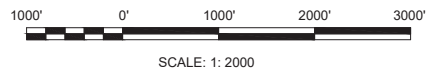
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DREDGE MATERIAL PLACEMENT AREA 

BANKLINE REESTABLISHMENT 

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#### REVISIONS

No.	Description	Date

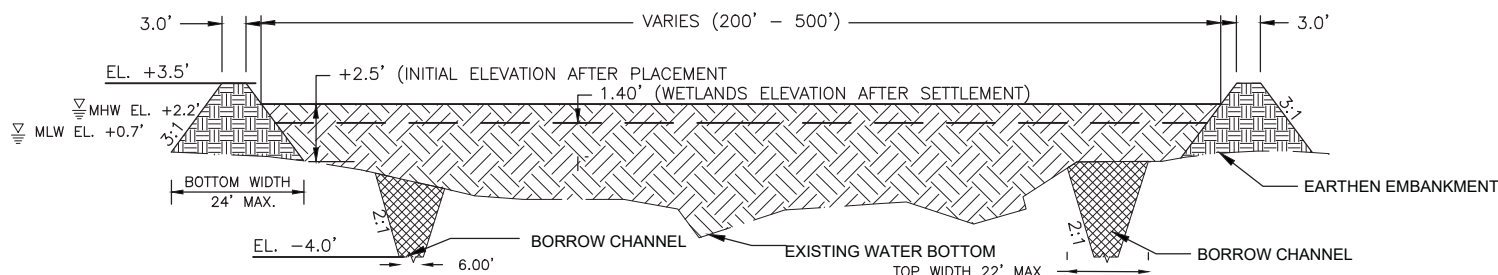
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ACCESS CHANNEL  
PORT OF IBERIA

#### SEGMENT 2 TYPICAL SECTIONS

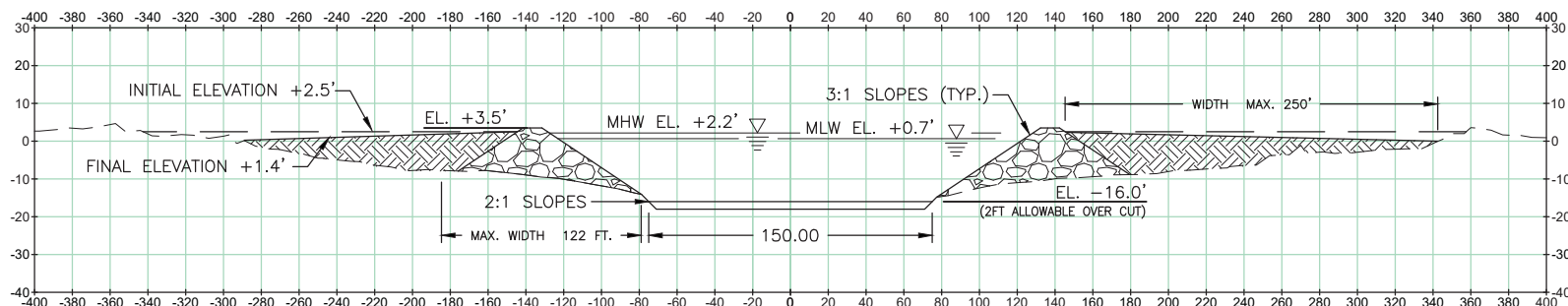
Project number	39130-1197
Date	OCTOBER 2019
Designed by	LES
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Checked by	LES
Checked by	MM
Plot Date	January 9, 2020



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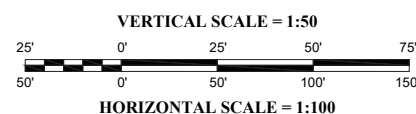
#### TYPICAL MARSH CREATION SECTION

SCALE: N.T.S.



-  - RIP RAP
-  - EARTHEN FILL

#### BANKLINE REESTABLISHMENT TYPICAL SECTION GULF INTRACOASTAL WATERWAY





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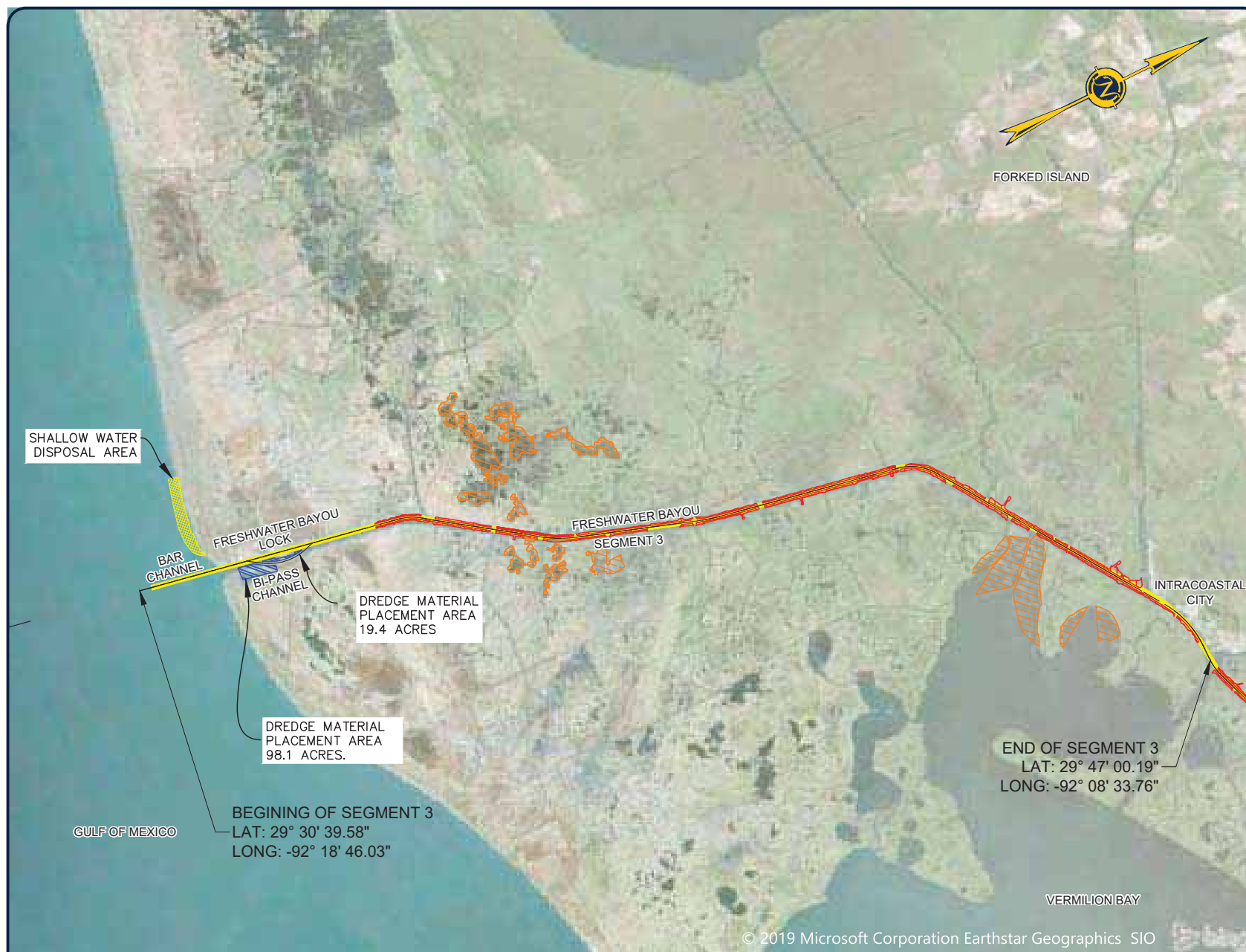
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NOTE: THE IMAGE ABOVE IS A GENERAL REPRESENTATION OF THE WORK AREA, ACTUAL FIELD CONDITIONS MAY DIFFER.

#### LEGEND:

- MARSH CREATION = 2,300 ACRES
- DREDGE MATERIAL PLACEMENT AREA = 118 ACRES
- BANKLINE REESTABLISHED = 557 ACRES
- SHALLOW WATER DISPOSAL



#### NOTES:

FRESHWATER BAYOU INTERIOR = 2,541,000 CUBIC YARDS  
FRESHWATER BAYOU BAR CHANNEL = 906,685 CUBIC YARDS  
FRESHWATER BAYOU BY PASS = 325,000





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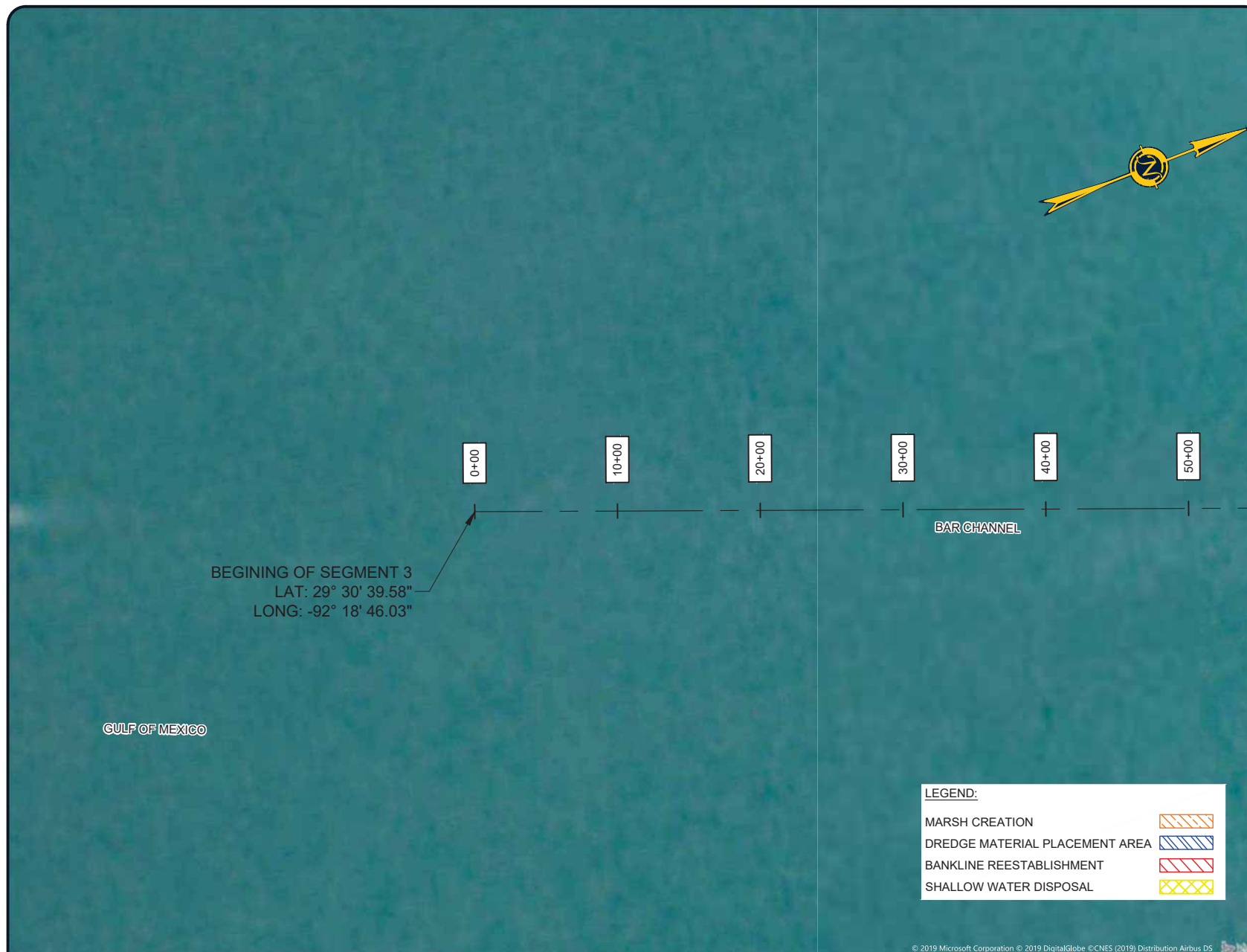
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### SEGMENT 3 DETAILED PLAN VIEW

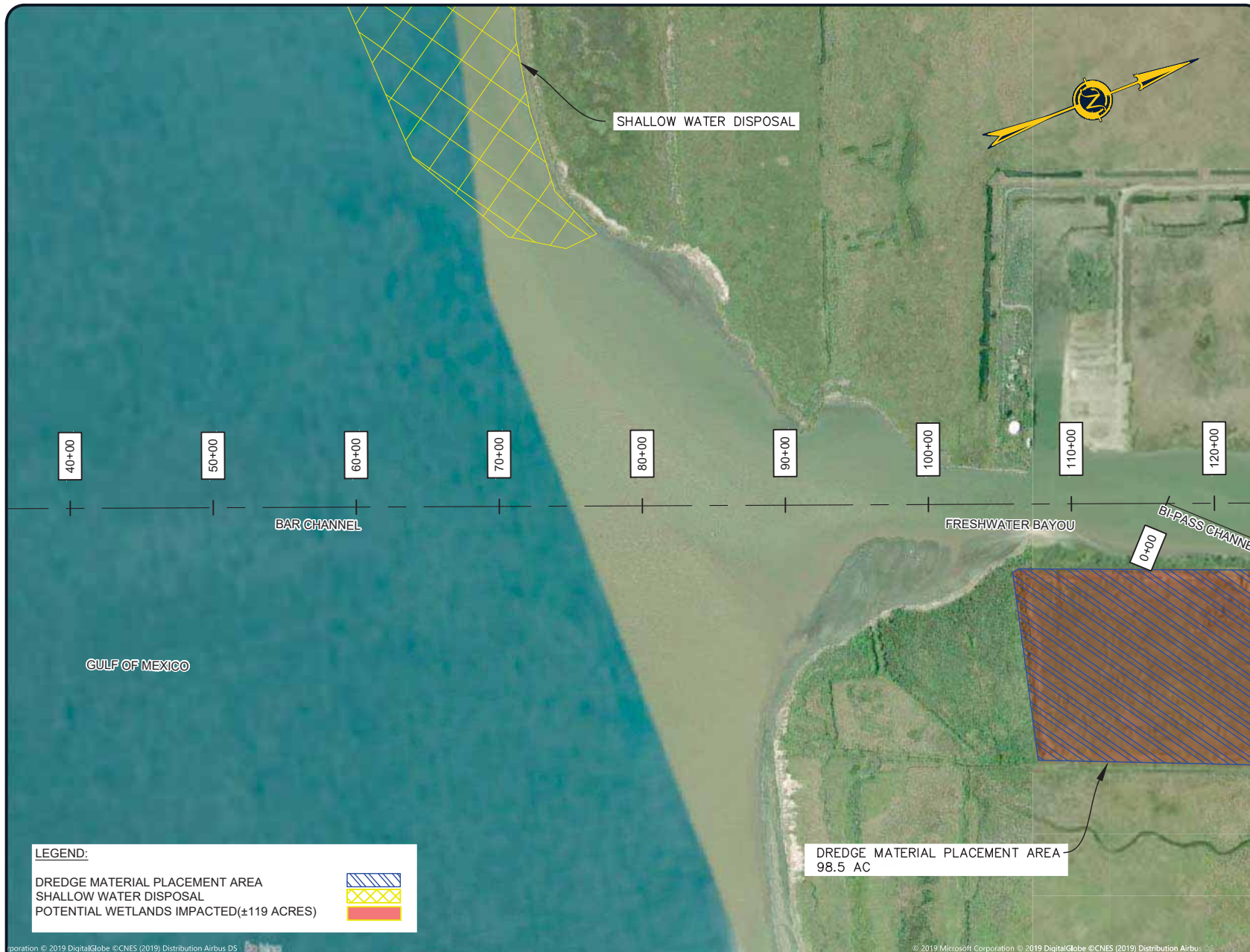
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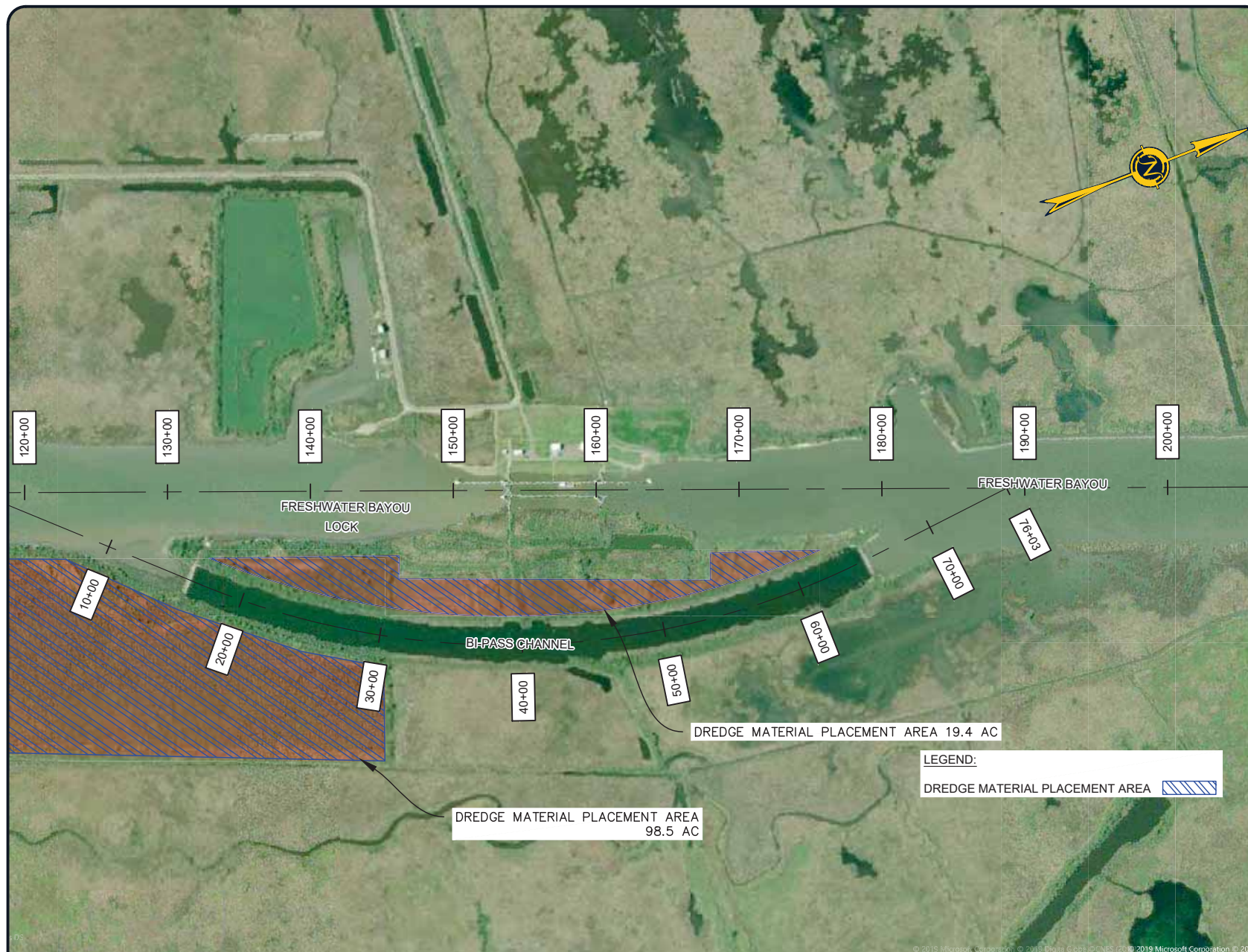
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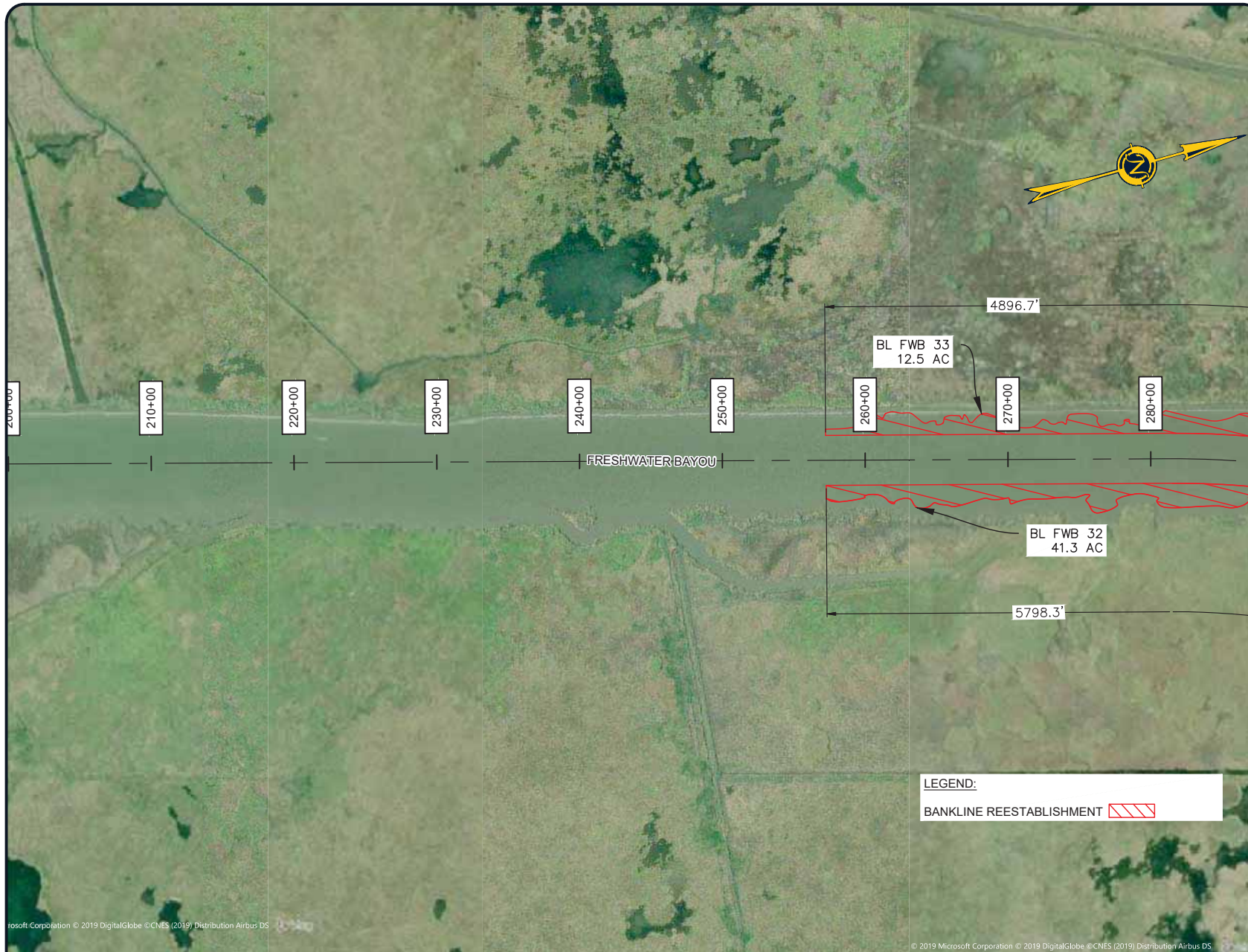


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— POTENTIAL WETLANDS IMPACTED = ±119 ACRES







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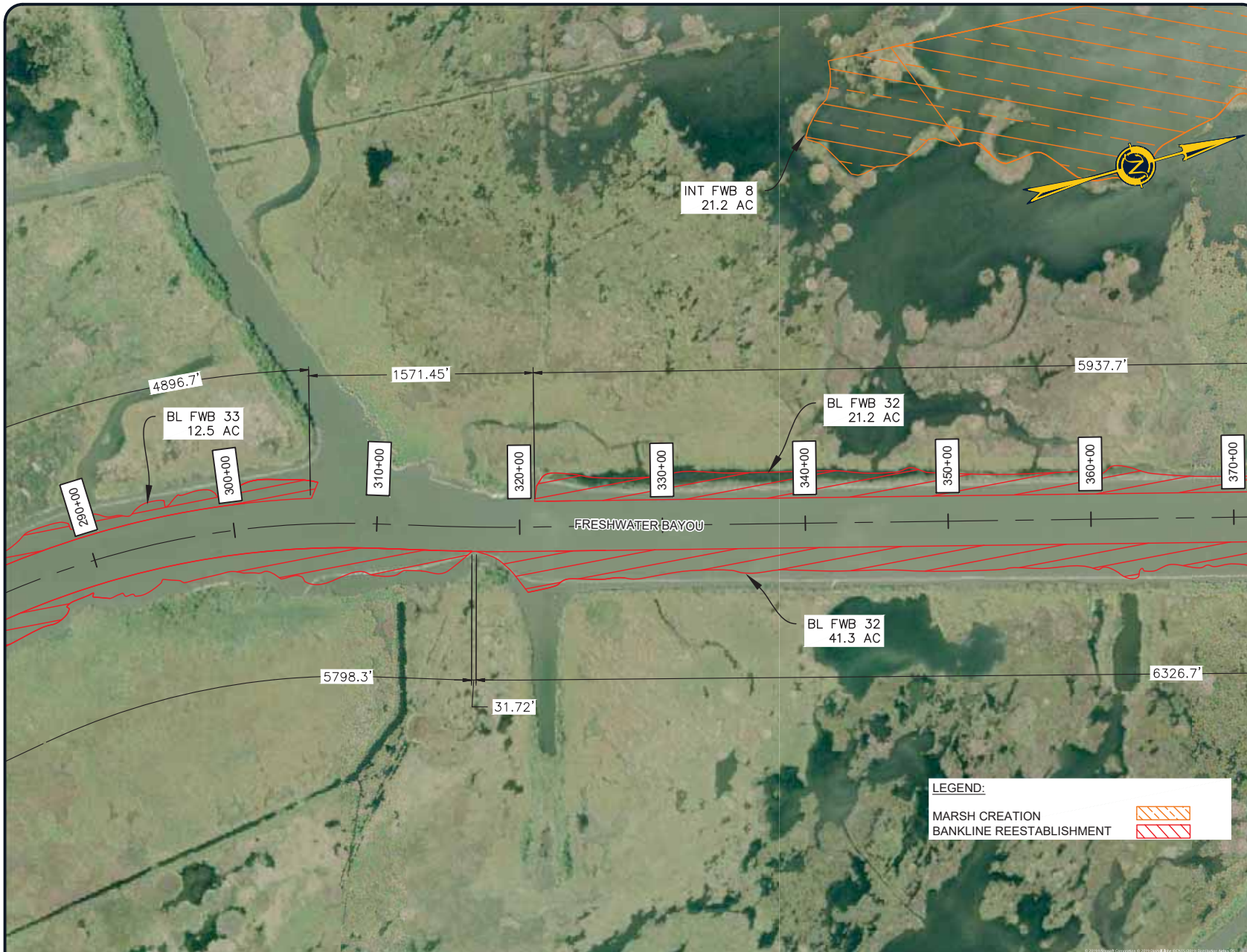
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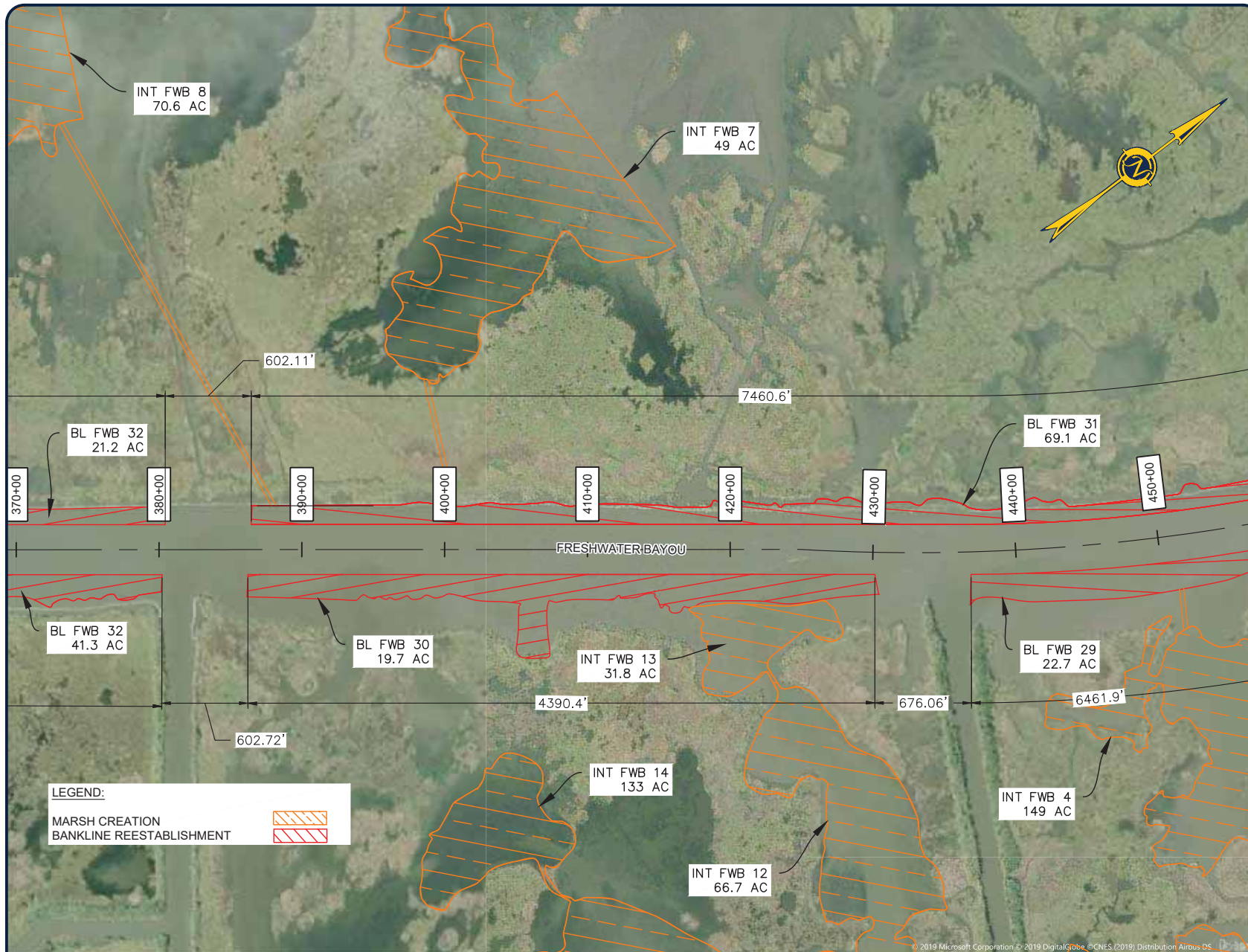
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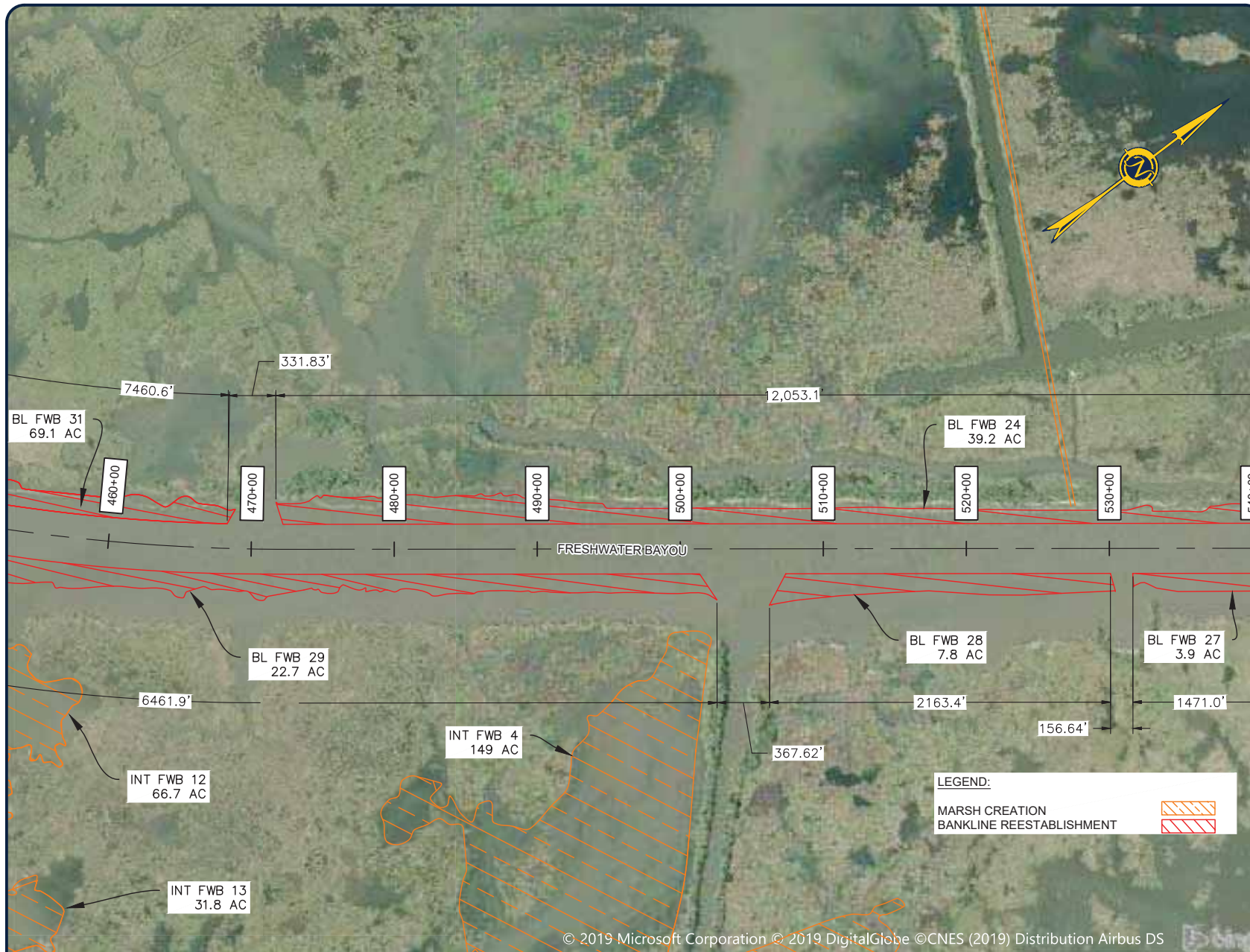
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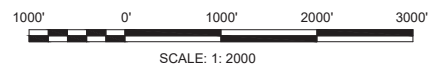
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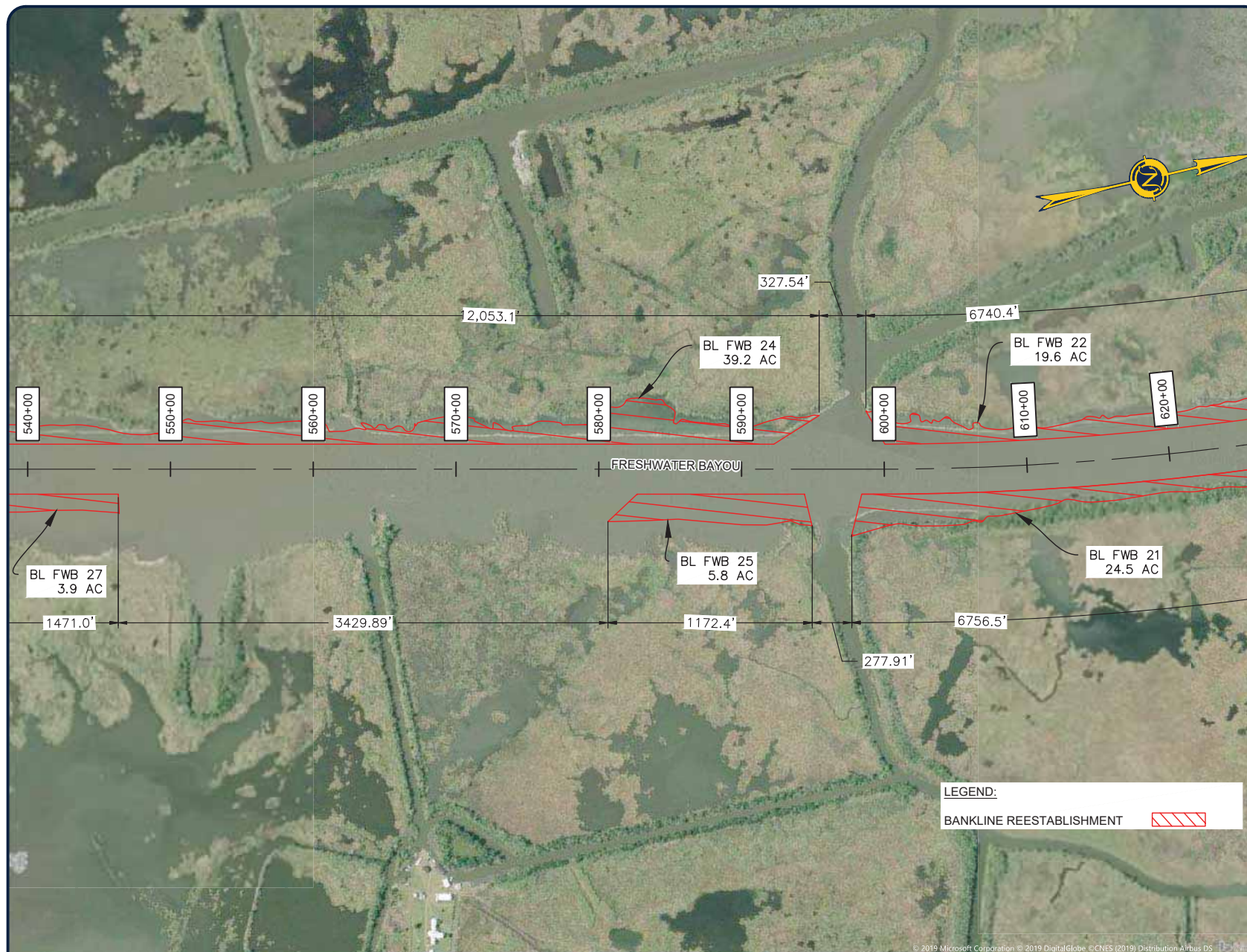
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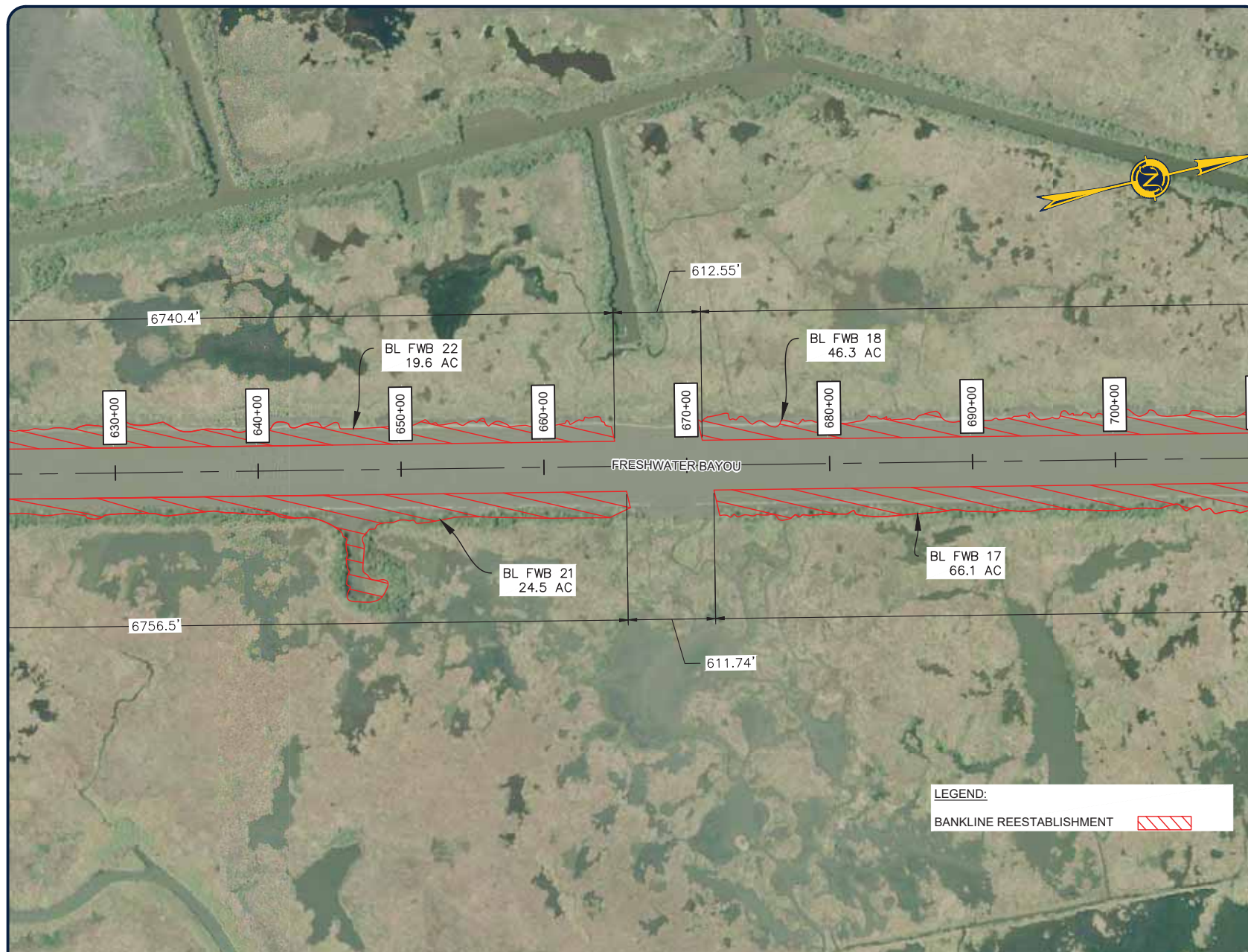
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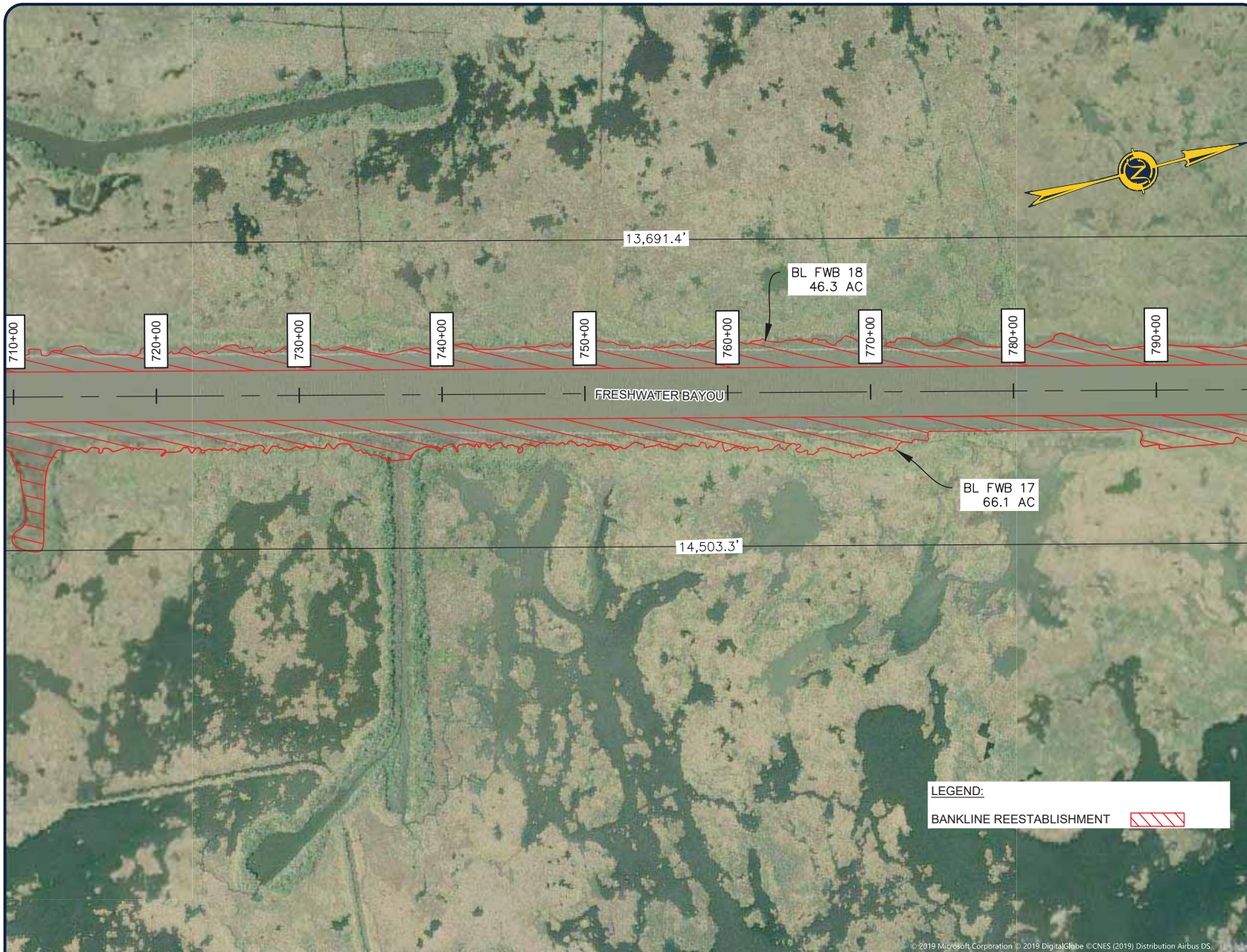
41



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1000' 0' 1000' 2000' 3000'  
SCALE: 1: 2000





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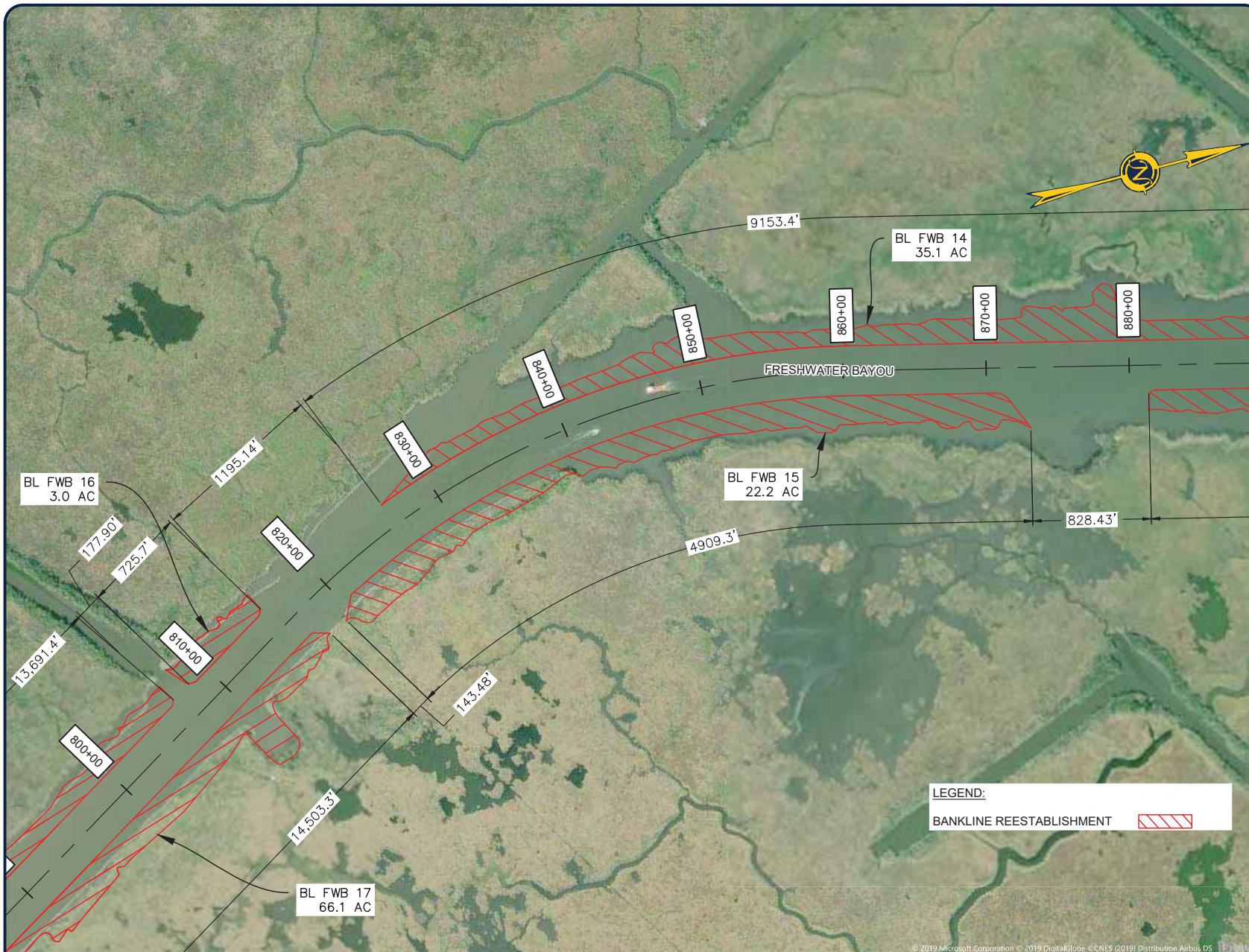
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SEGMENT 3 DETAILED  
PLAN VIEW

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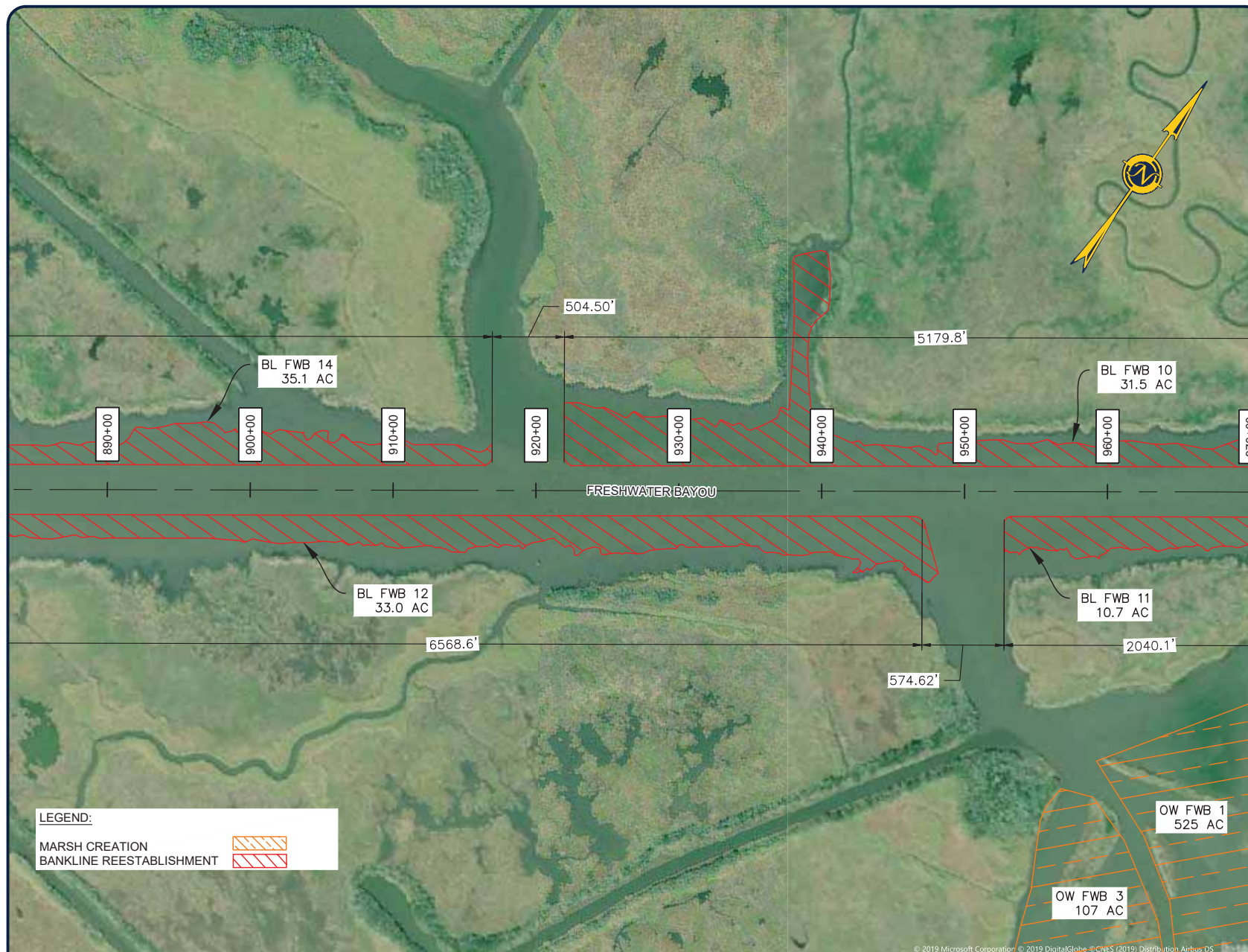
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### LEGEND:

MARSH CREATION  
BANKLINE REESTABLISHMENT



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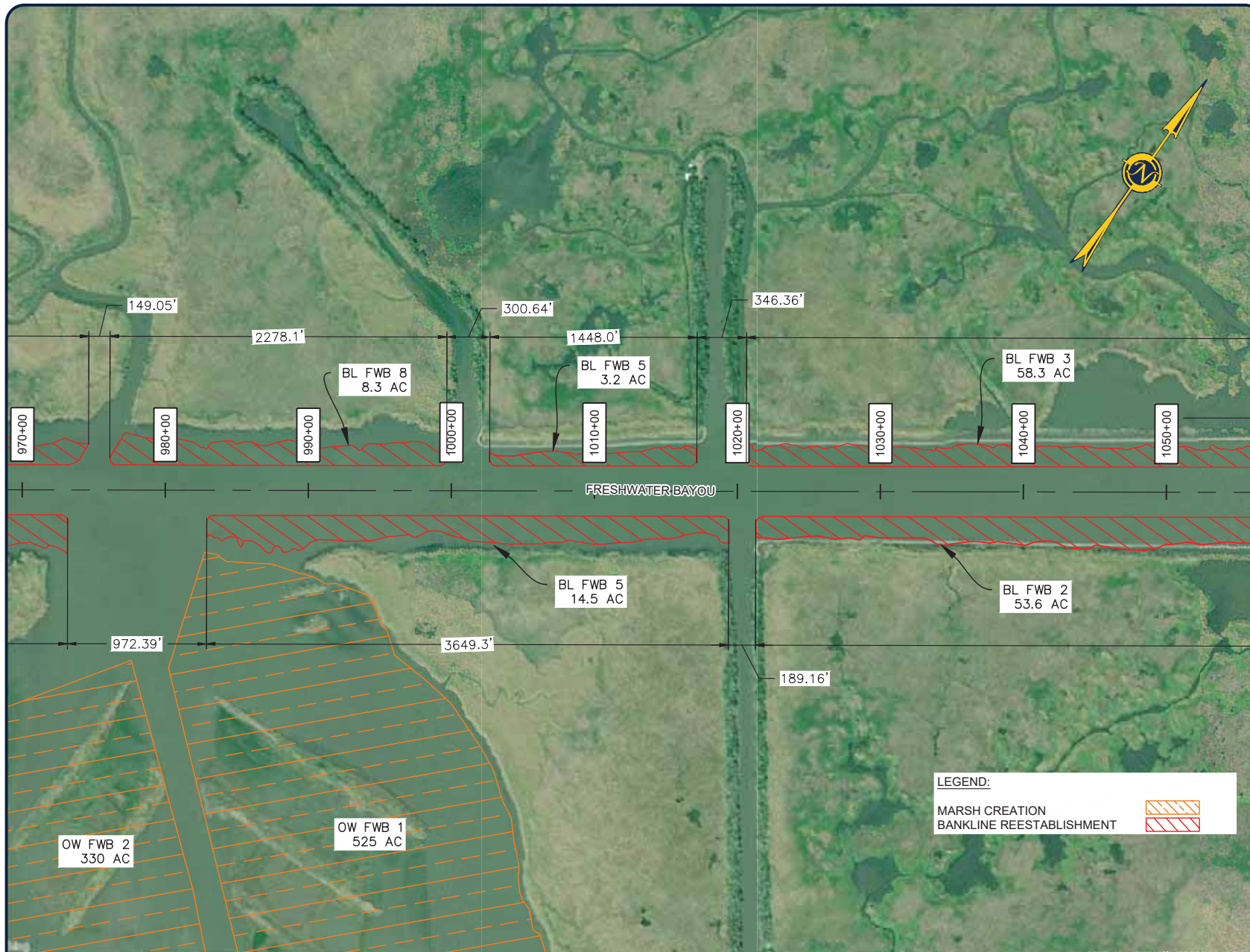
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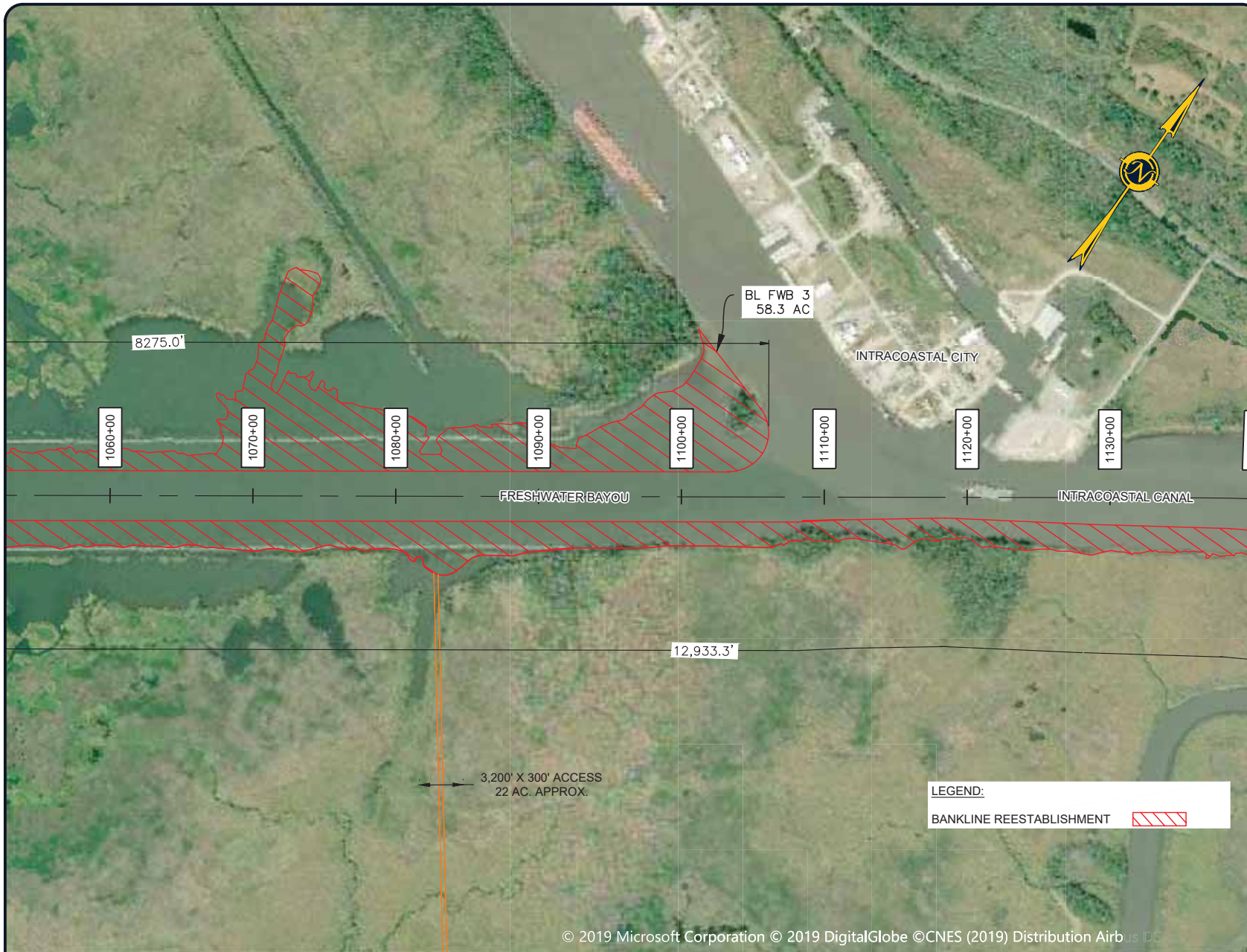
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1000' 0' 1000' 2000' 3000'  
SCALE: 1: 2000





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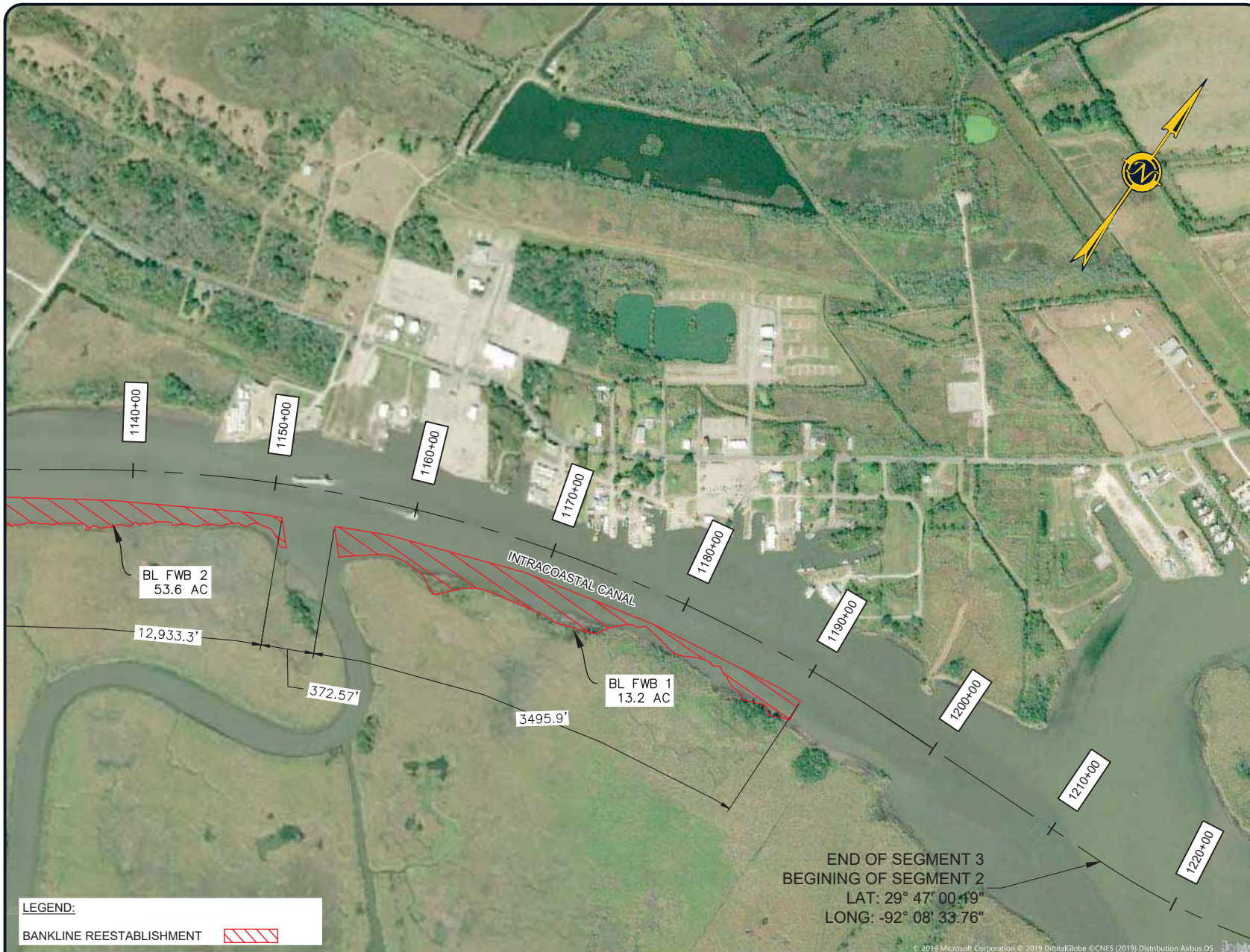
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### SEGMENT 3 DETAILED DISPOSAL PLAN VIEW

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1000' 0' 1000' 2000' 3000'  
SCALE: 1: 2000





MARSH CREATION

30' x 8,130'  
ACCESS  
CORRIDOR  
5.6 ACRES

30' X 990'  
ACCESS  
CORRIDOR  
0.68 ACRES

30' X 2,325'  
ACCESS  
CORRIDOR  
1.6 ACRES

30' X 290'  
ACCESS  
CORRIDOR  
0.2 ACRES


30' X 625'  
ACCESS  
CORRIDOR  
0.43 ACRES


BANKLINE  
REESTABLISHMENT

FRESHWATER BAYOU

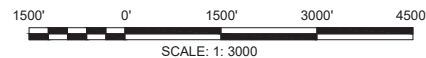
30' ACCESS  
CORRIDOR

**LEGEND:**

MARSH CREATION 

BANKLINE REESTABLISHMENT 

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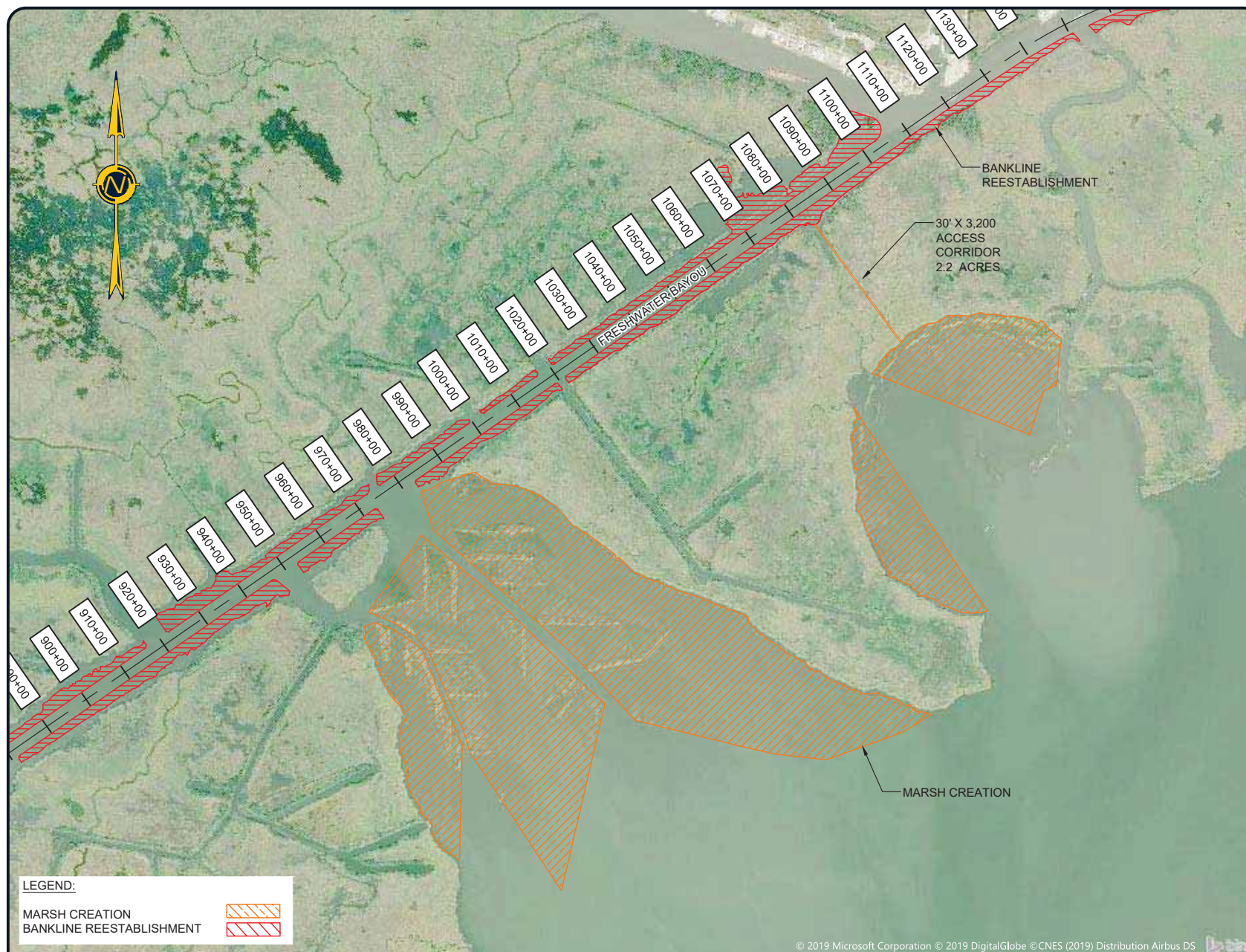
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1500' 0' 1500' 3000' 4500'  
SCALE: 1: 3000

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#### REVISIONS

No.	Description	Date

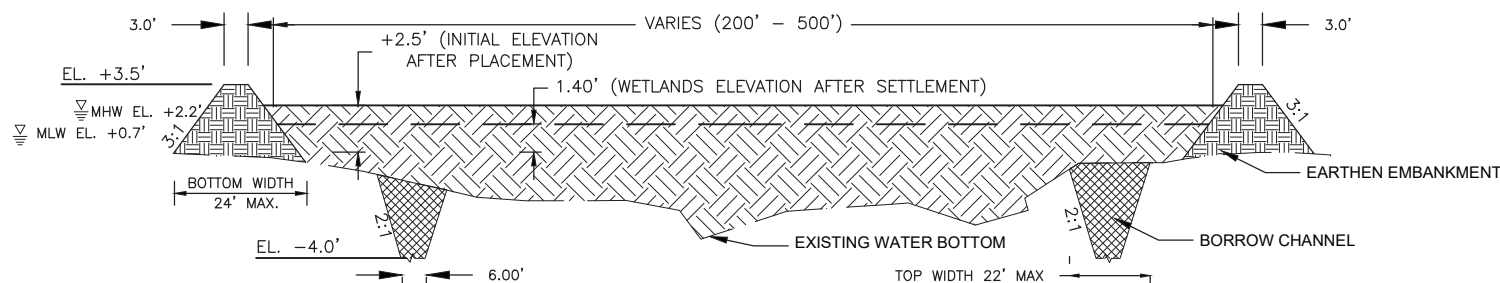
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#### SEGMENT 3 TYPICAL CROSS SECTIONS

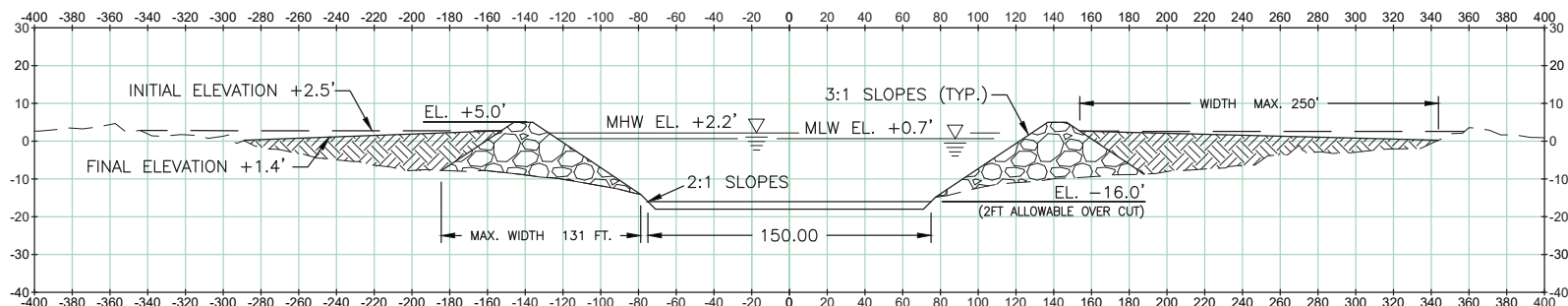
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#### TYPICAL MARSH CREATION SECTION

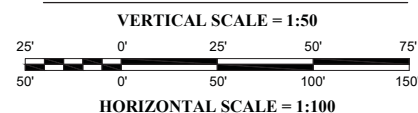
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- RIP RAP
- EARTHEN FILL

#### BANKLINE REESTABLISHMENT TYPICAL SECTION

#### FRESHWATER BAYOU







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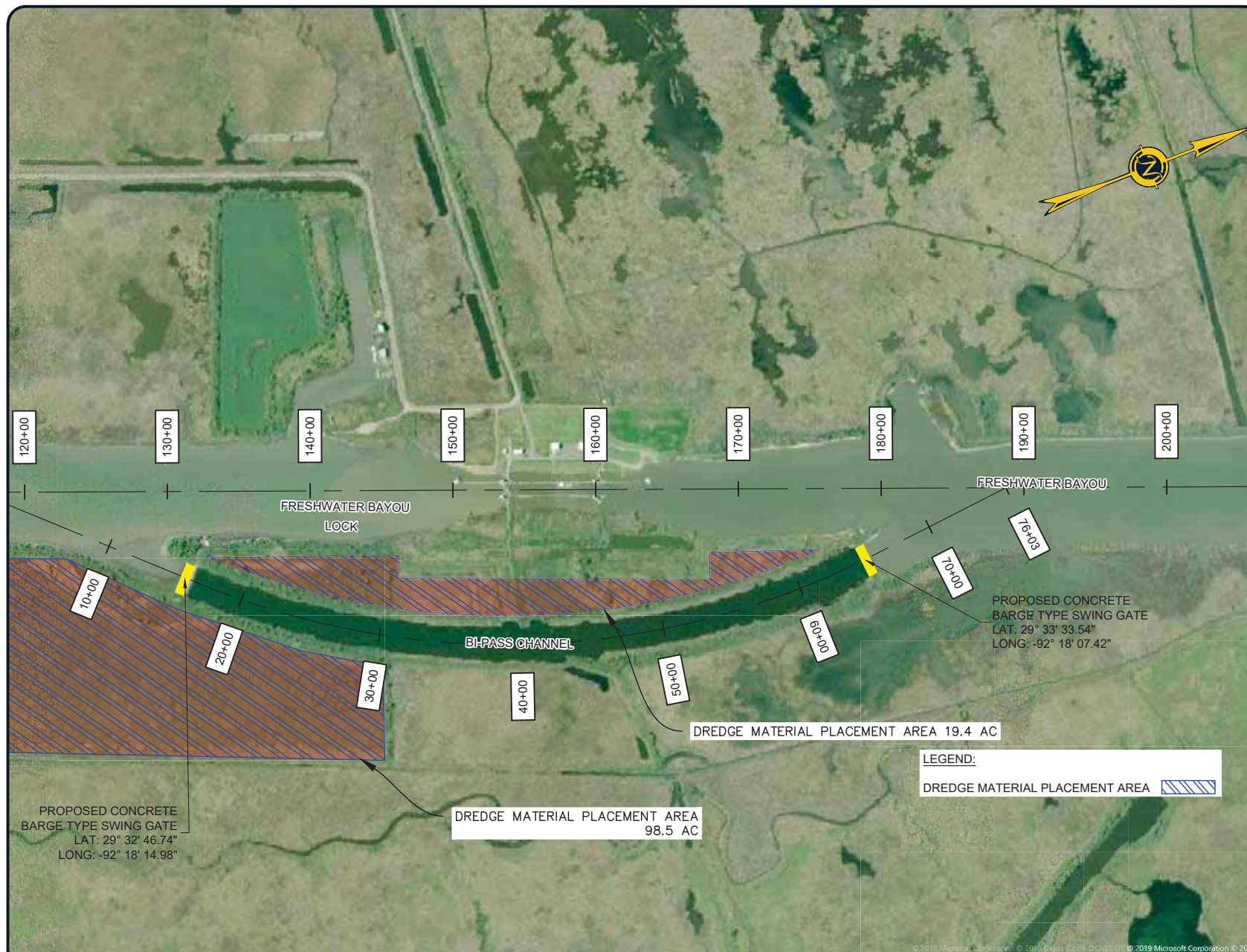
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### BY-PASS BARGE GATES PLAN VIEW

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NOTE: THE IMAGE ABOVE IS A GENERAL REPRESENTATION OF THE WORK AREA, ACTUAL FIELD CONDITIONS MAY DIFFER.







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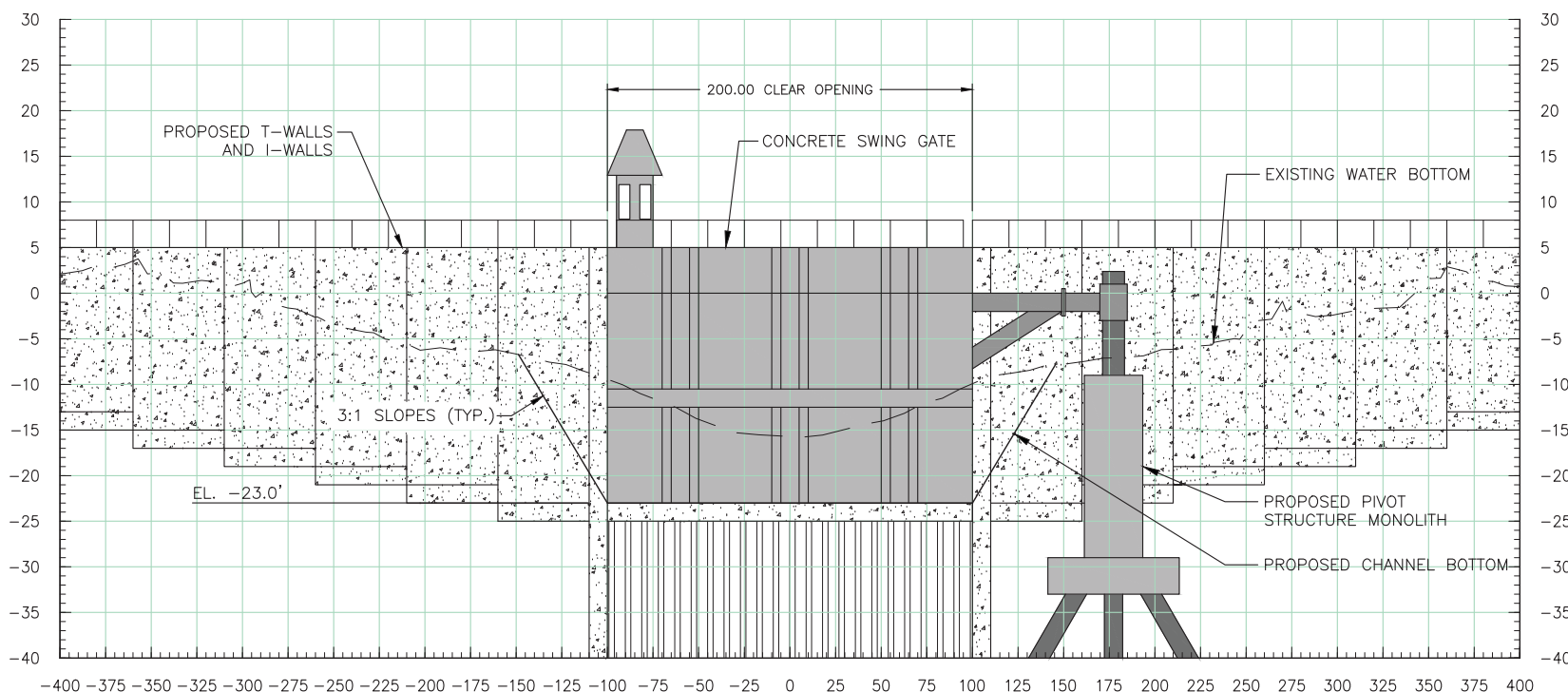
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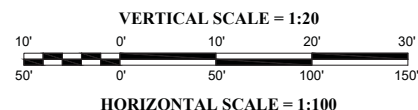
**FRESHWATER BAYOU  
BY-PASS CONCRETE  
BARGE TYPICAL  
SECTION**

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**FRESHWATER BAYOU BY-PASS CONCRETE BARGE TYPICAL SECTION**





MATERIAL DREDGED FROM CHANNEL		
SEGMENT	VOLUME OF MATERIAL DREDGED (CY)	MATERIAL TYPE
1 (COMMERCIAL CANAL)	1,387,810	PRIMARILY SILT WITH CLAY AND SOME SAND
2 (GIWW)	1,578,000	PRIMARILY SILT WITH GOOD AMOUNT OF CLAY AND SOME SAND
3 (FRESHWATER BAYOU)	3,773,370	GOOD AMOUNT OF SAND WITH CLAY AND SOME SILT
<b>TOTAL</b>	<b>6,739,180 (≈ 6,739,200)</b>	

CONTAINMENT BERM AND ROCK DIKE QUANTITIES			
SEGMENT	VOLUME OF MATERIAL DREDGED (CY)	MATERIAL TYPE	VOLUME OF ROCK PLACED (CY)
1 (COMMERCIAL CANAL)	169,734	SILT WITH CLAY	0
2 (GIWW)	91,434	SILT WITH CLAY	5,530,000
3 (FRESHWATER BAYOU)	687,175	SILT WITH CLAY	5,236,300
<b>TOTAL</b>	<b>1,114,369</b>		<b>10,766,300</b>

PLACEMENT AREA CAPACITY					
SEGMENT	MARSH CREATION (CY)	BANKLINE RESTORATION (CY)	UPLAND PLACEMENT (CY)	CHANNEL BANK PLACEMENT (CY)	SHORELINE NOURISHMENT (CY)
1 (COMMERCIAL CANAL)	0	0	1,946,161	109,986	0
2 (GIWW)	1,461,025	4,956,160	0	0	0
3 (FRESHWATER BAYOU)	10,626,833	6,640,480	0	0	0
3.A. BAR CHANNEL	0	0	0	0	1,500,000

#### NOTES

- PRIORITY WILL BE GIVEN FOR USING THE DREDGED MATERIAL FOR BANKLINE RECLAMATION AND THEN TO MARSH CREATION.
- DEPOSITION OF DREDGED MATERIAL FOR MARSH CREATION AREAS IN SEGMENT 2 AND 3 WILL BE ENABLED BY DREDGE DISPOSAL PIPES IN CONJUNCTION WITH THE HYDRAULIC DREDGE.
- A 12-INCH DREDGE LINE/PIPE WILL BE USED TO CONVEY THE DREDGED MATERIAL TO THE MARSH CREATION SITES. THE DREDGE LINES WILL BE PLACED ON THE EXISTING MARSH SURFACE AND FLOATED ON THE WATERWAYS.



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#### DREDGE MATERIAL QUANTITIES

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PLACEMENT AREA CAPACITY		
SEGMENT	PLACEMENT AREA	VOLUME OF MATERIAL (CY)
COMMERCIAL CANAL 1,387,810 CY	PORT FACILITY	578,430
	UPPER COMMERCIAL CANAL	715,095
	LOWER COMMERCIAL CANAL	94,285
GIWW 1,578,000 CY	BANK LINE REESTABLISHMENT (512 AC.)	4,956,160
	MARSH CREATION (146 AC.)	952,275
	MARSH CREATION (78 AC.)	508,750
FRESHWATER BAYOU 3,773,370 CY	MARSH CREATION (525 AC.)	3,256,632
	MARSH CREATION (330 AC.)	2,054,245
	MARSH CREATION (107 AC.)	683,594
	MARSH CREATION (104 AC.)	687,409
	MARSH CREATION (86 AC.)	592,711
	MARSH CREATION (204 AC.)	1,349,809
	MARSH CREATION (38 AC.)	264,853
	MARSH CREATION (40.3 AC.)	271,566
	MARSH CREATION (35.3 AC.)	249,788
	MARSH CREATION (164 AC.)	1,068,945
	MARSH CREATION (79 AC.)	529,675
	MARSH CREATION (66.7 AC.)	462,397
	MARSH CREATION (31.8 AC.)	226,114
	MARSH CREATION (99.7 AC.)	677,030
	BANK LINE REESTABLISHMENT (686 AC.)	6,640,480
BAR CHANNEL	SHALLOW WATER DISPOSAL	1,500,000

#### NOTES

- PRIORITY WILL BE GIVEN FOR USING THE DREDGED MATERIAL FOR BANKLINE RECLAMATION AND THEN TO MARSH CREATION.
- VOLUME OF MATERIAL FOR COMMERCIAL CANAL SEGMENT ARE DERIVED FROM RECENT SURVEY DATA



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