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Why are we here tonight

To discuss the status of completed, in-progress and potential improvements to the hurricane protection system in St. Charles Parish (East Bank) and along the Jefferson Parish Lakefront.

One Team: Relevant, Ready, Responsive, Reliable



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National Environmental Policy Act: NEPA

- Required for all major Federal actions
- Analyze potential impacts to the human and natural environment and investigate reasonable alternatives
- Corps has made alternative arrangements with NEPA to expedite project timelines
- Public Involvement is KEY! We want to hear from you!
- Goal: more informed decision making through public involvement



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NEPA Process and Path Ahead

- The NEPA process began with public scoping meetings for IERs 1, 2 and 3 on April 4, 2007
- From April 2007 through today, current project alternatives were developed, impacts were analyzed, and public input was solicited
- Tentative dates of 30-Day Public Review Period:
 - IER 1 – April 1, 2008 to May 1, 2008
 - IER 2 – April 8, 2008 to May 8, 2008
 - IER 3 – April 21, 2008 to May 21, 2008



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NEPA Process and Path Ahead

- Final decision regarding IER recommendations will tentatively be made in 2008:
 - IER 1 – May 19, 2008
 - IER 2 – May 22, 2008
 - IER 3 – May 28, 2008



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Lake Pontchartrain and Vicinity Hurricane Protection Project





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100-yr Alternatives St. Charles Parish IER 1

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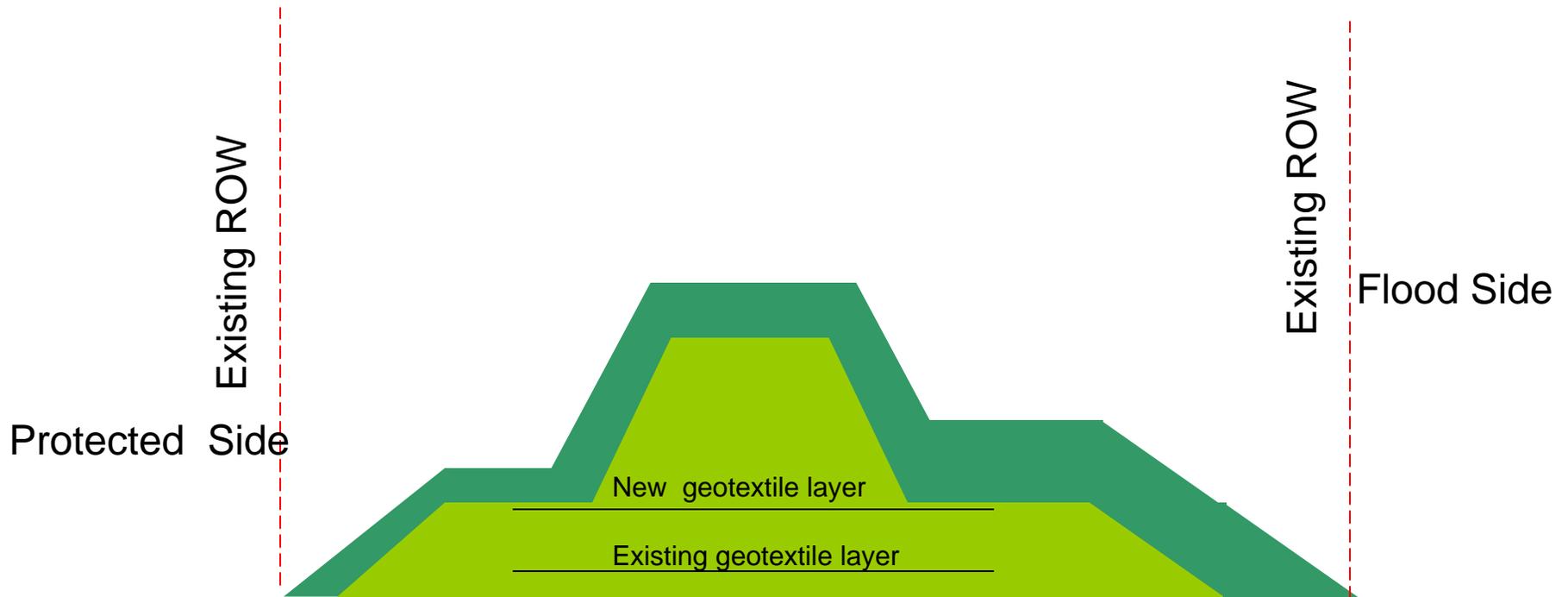
St. Charles Parish Levee Reaches





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St. Charles Parish 100-yr Alternative with Additional Geotextile



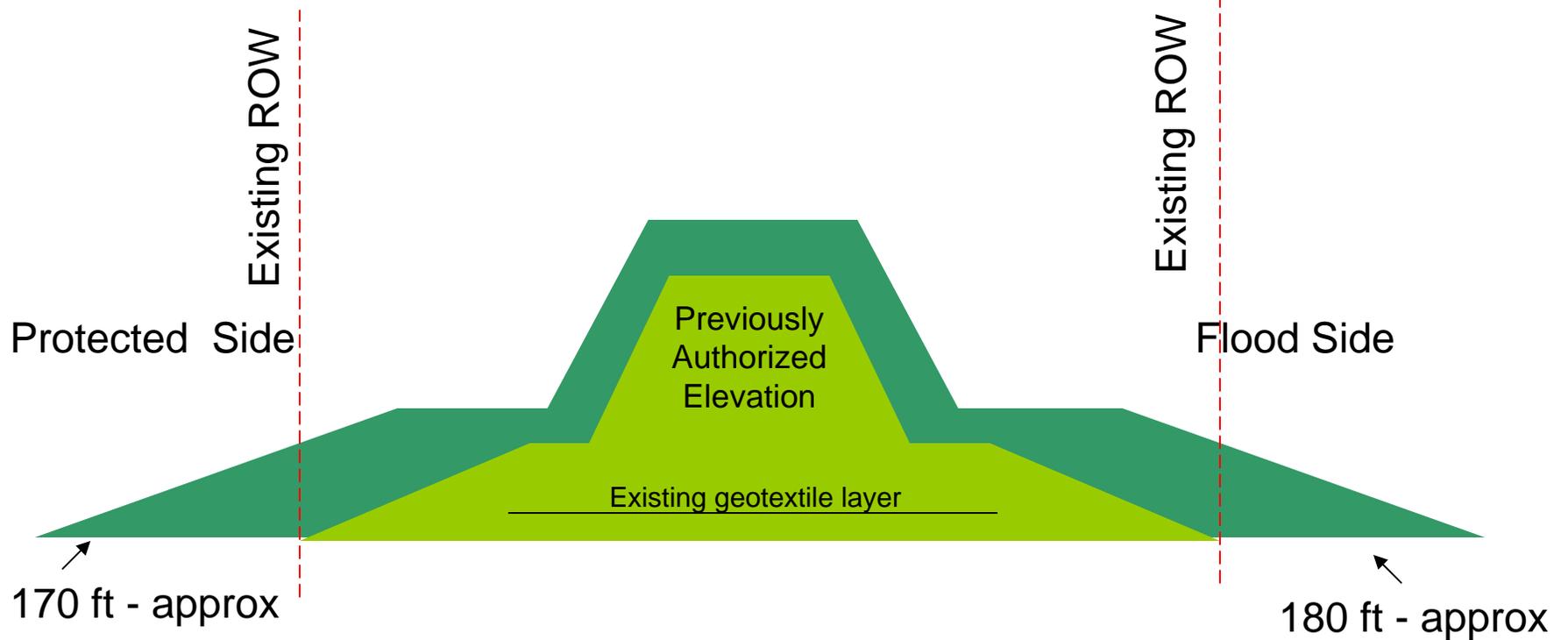
ROW – Right-of-Way

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St. Charles 100-yr Alternative Without Additional Geotextile (Preferred)



ROW – Right-of-Way



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100-year Project Footprint



Legend

-  Necessary Right of Way for 100-year protection, flood side
-  Existing Right of Way
-  Necessary Right of Way for 100-year protection, protected side
-  Structures and pipelines that will not require any new Right of Way

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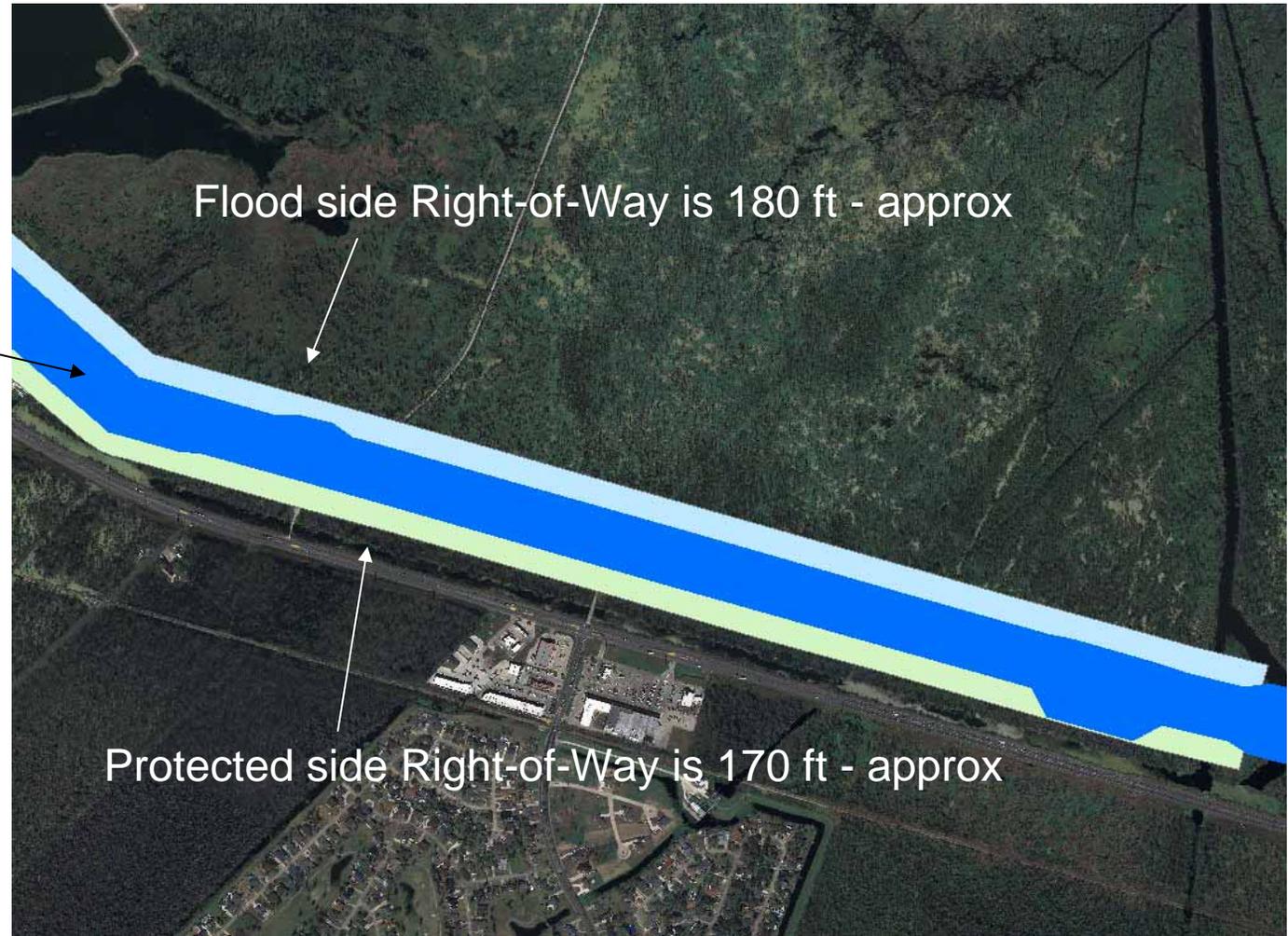


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100-year Project Footprint



Existing Right-of-Way is 380 ft - approx



Legend

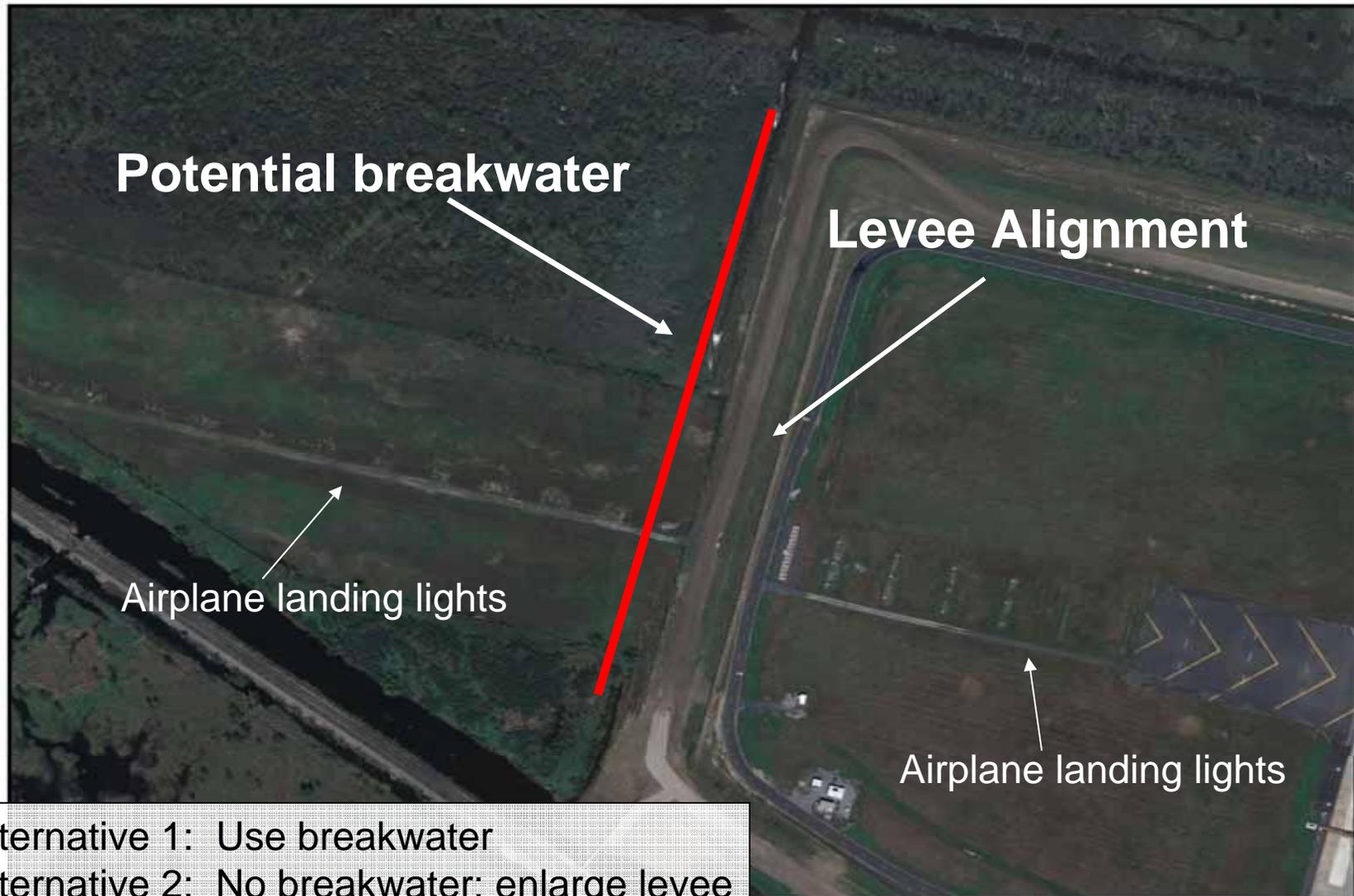
- Necessary Right of Way for 100-year protection, flood side
- Existing Right of Way
- Necessary Right of Way for 100-year protection, protected side

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Armstrong Airport

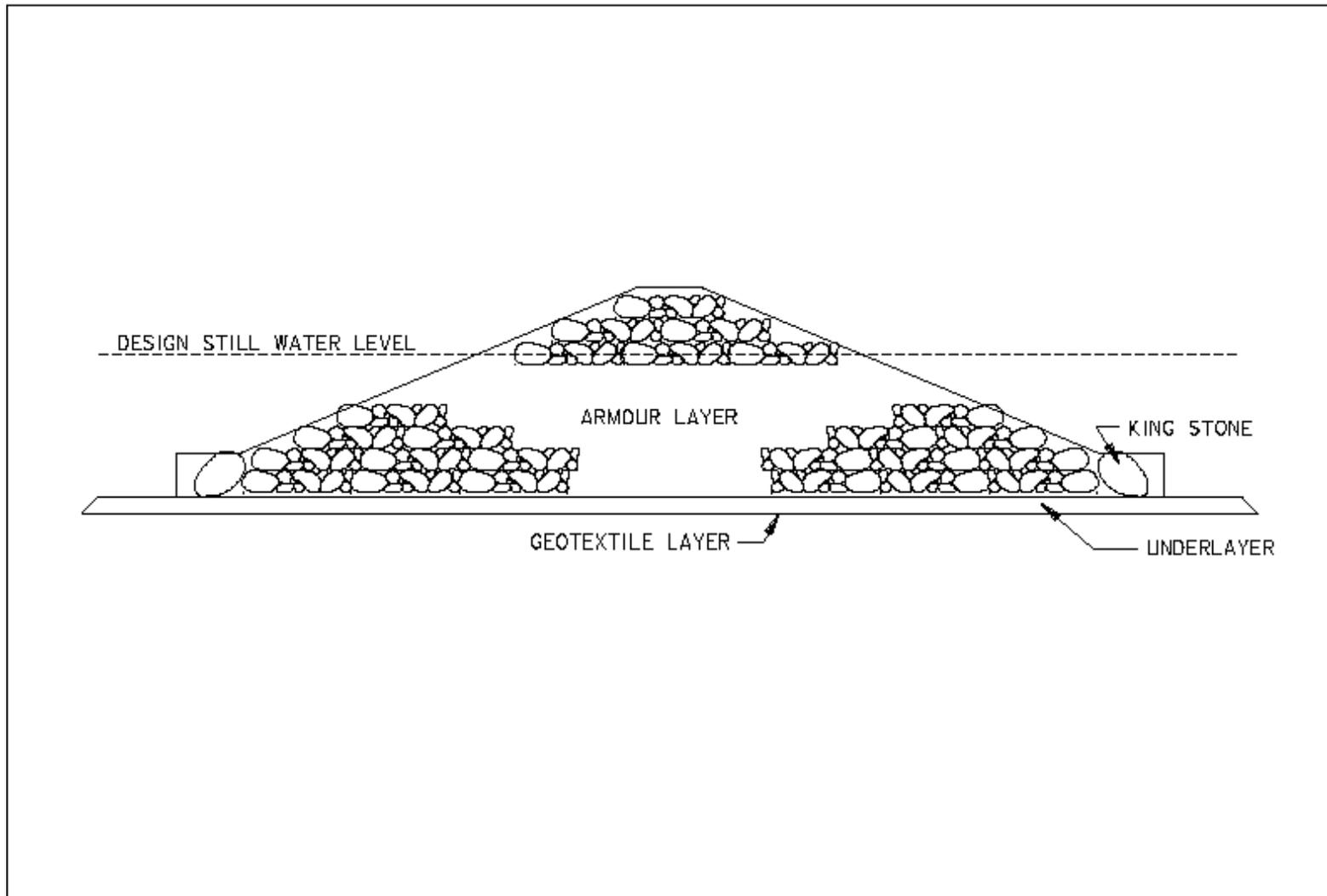


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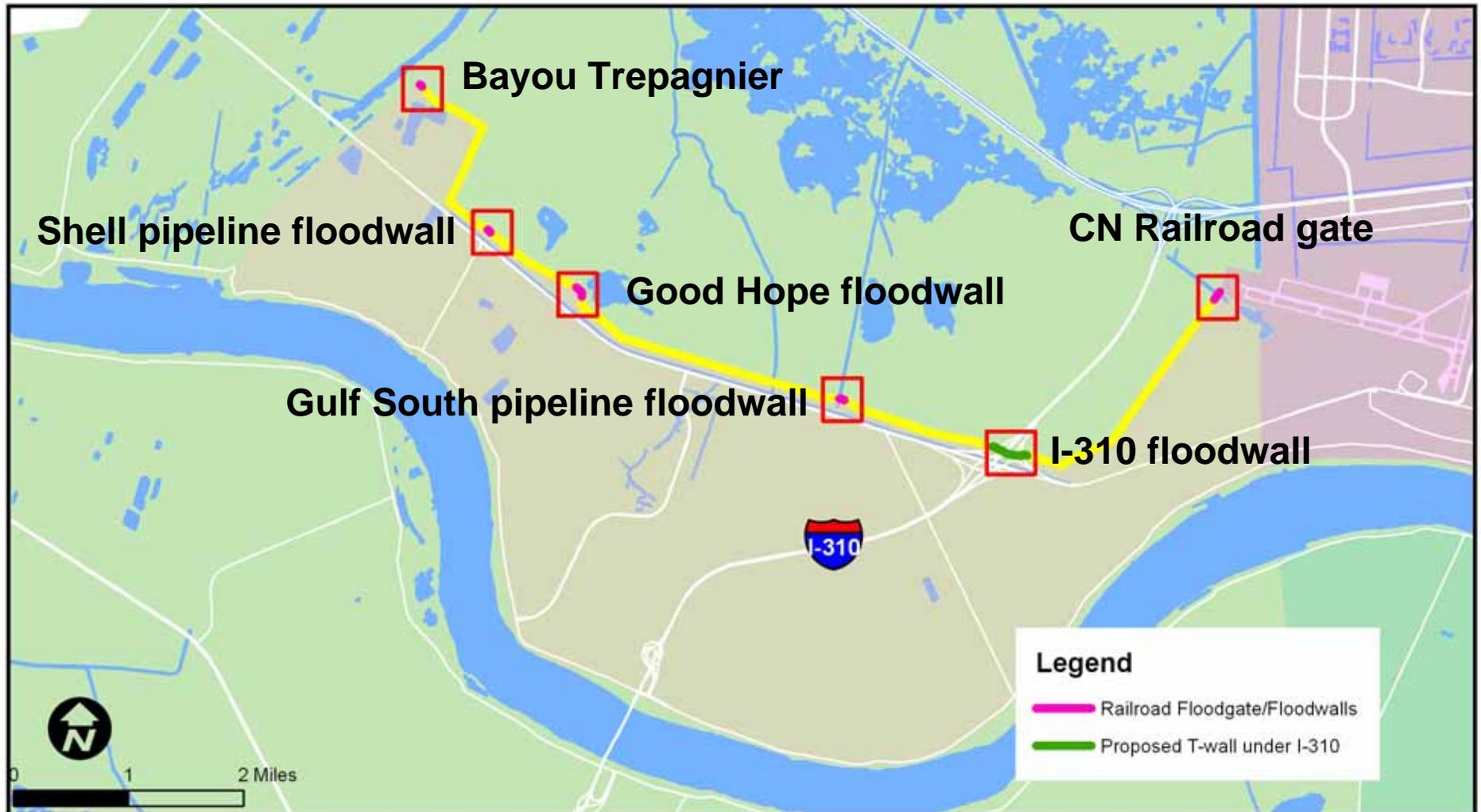
Typical Cross Section Through Breakwaters





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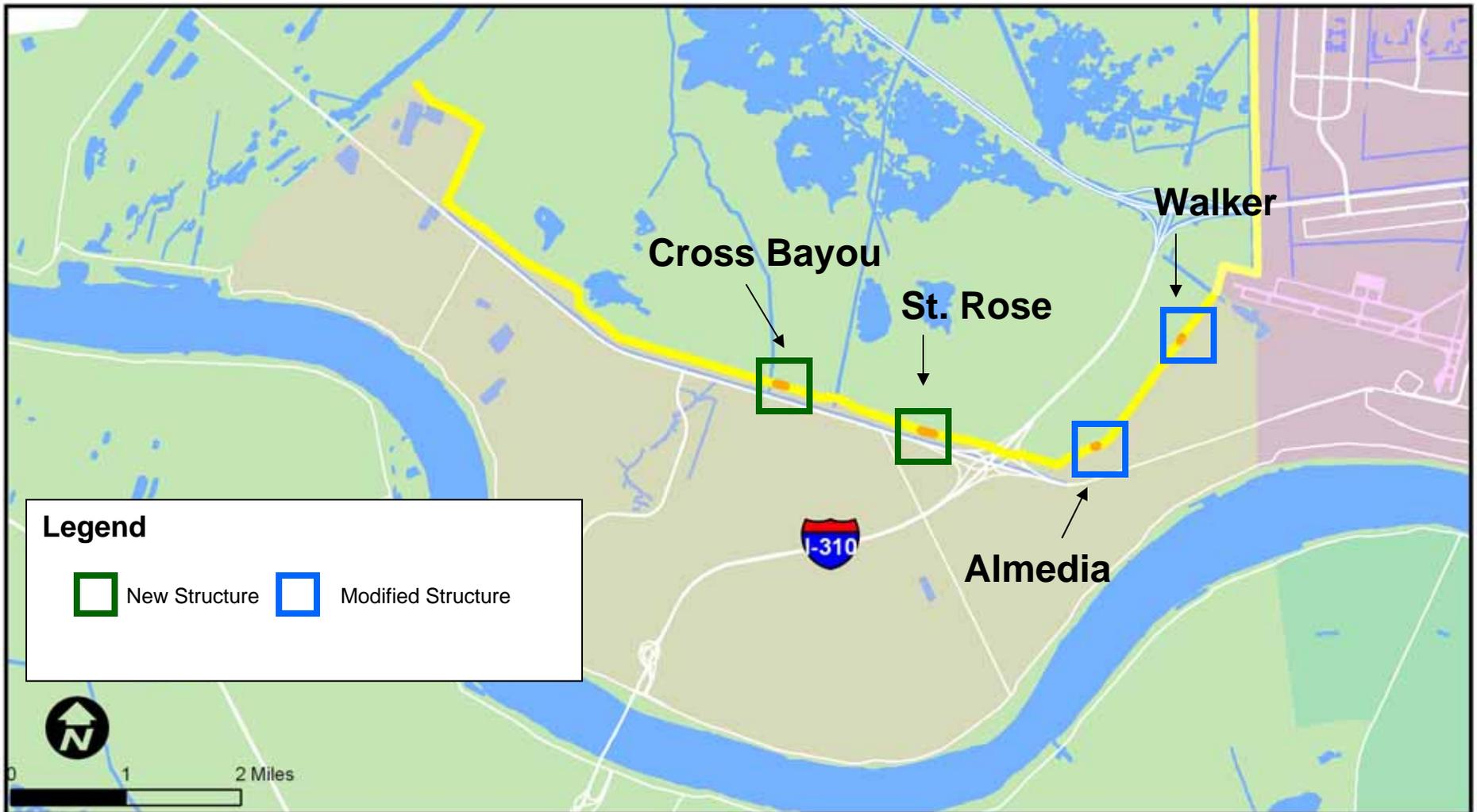
St. Charles Parish Floodwalls





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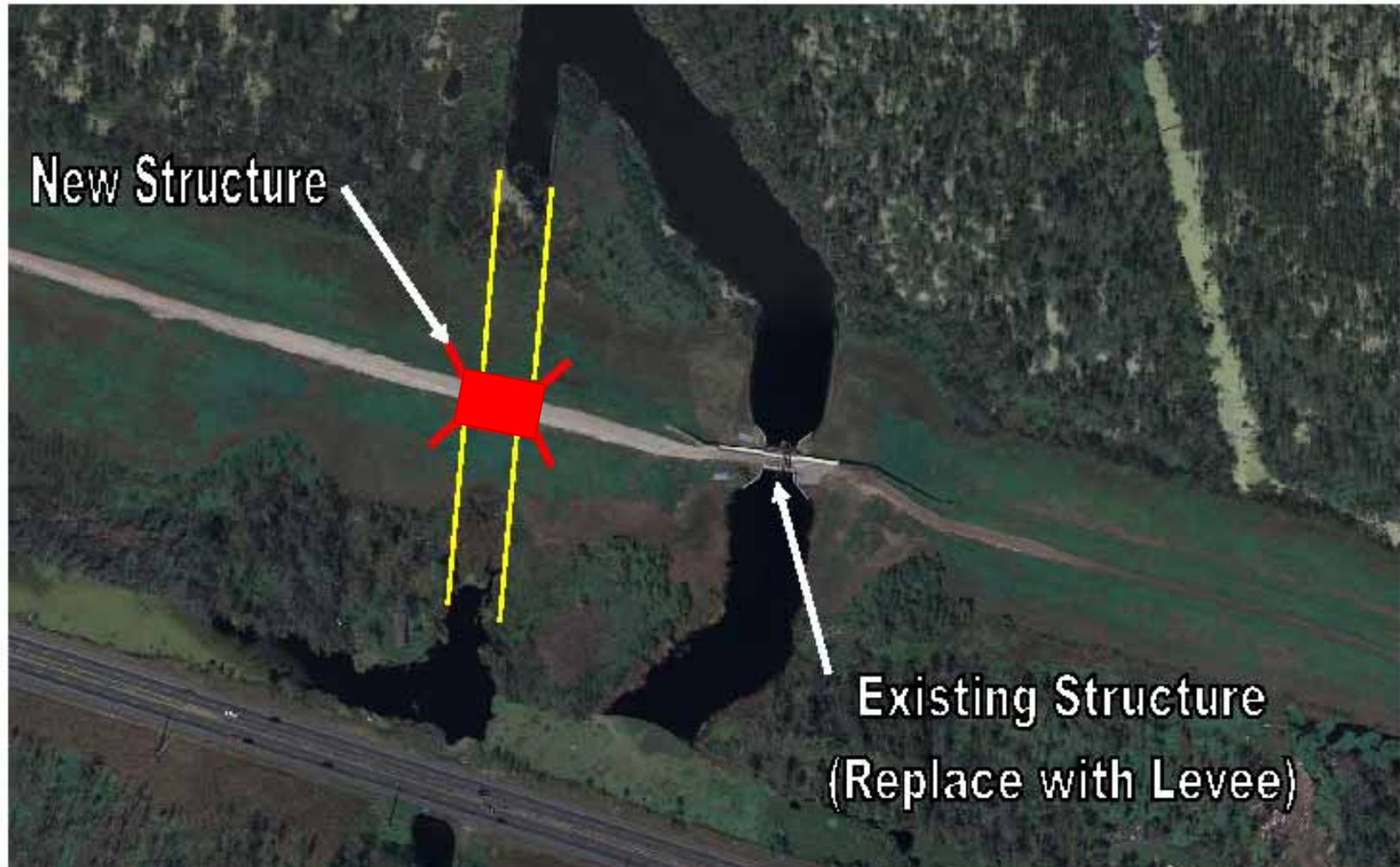
St. Charles Parish Drainage Structures





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Cross Bayou Drainage Structure



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Typical Drainage Structure



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100-yr Alternatives Jefferson Parish - West Return Wall IER 2

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West Return Floodwall

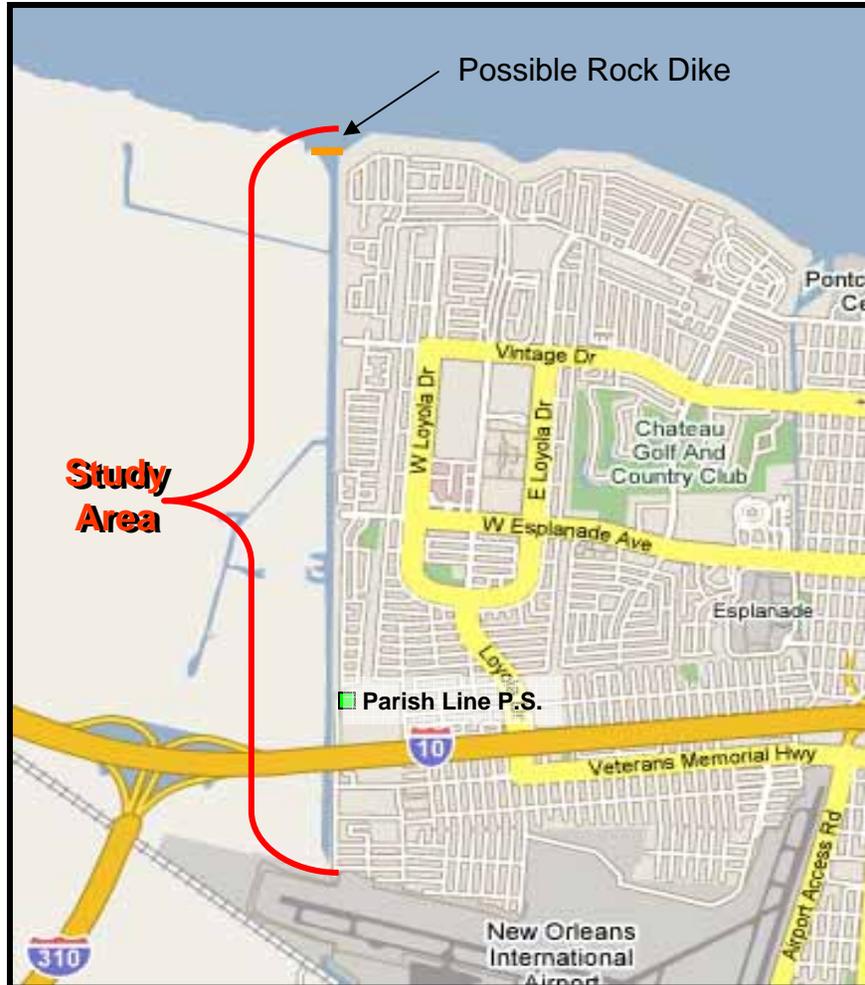


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West Return Floodwall Alternatives Evaluation



Study Area:

New Orleans International Airport to
the Jefferson Lakefront Levee

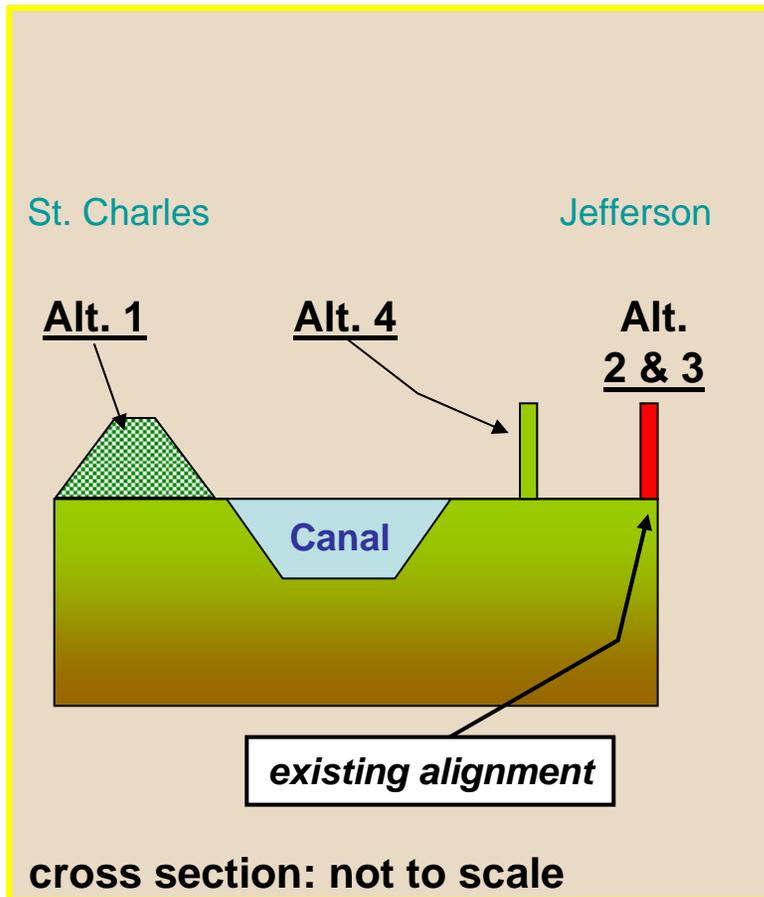
- Evaluation of Alternative Designs
complete - Nov 2007
- Possible Rock Dike considered at
head of canal
- Scheduled Start of Construction –
early 2009

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West Return Floodwall Alternatives Evaluation



Alternative 1: Earthen levee (St. Charles side of existing alignment)

Alternative 2: Modification of existing floodwalls by adding additional wall height (current alignment)

Alternative 3: Remove existing wall and replace with new wall (current alignment); potential reuse of some foundation components

Alternative 4: New wall parallel to existing floodwall



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100-yr Alternatives Jefferson Parish – Lakefront IER 3

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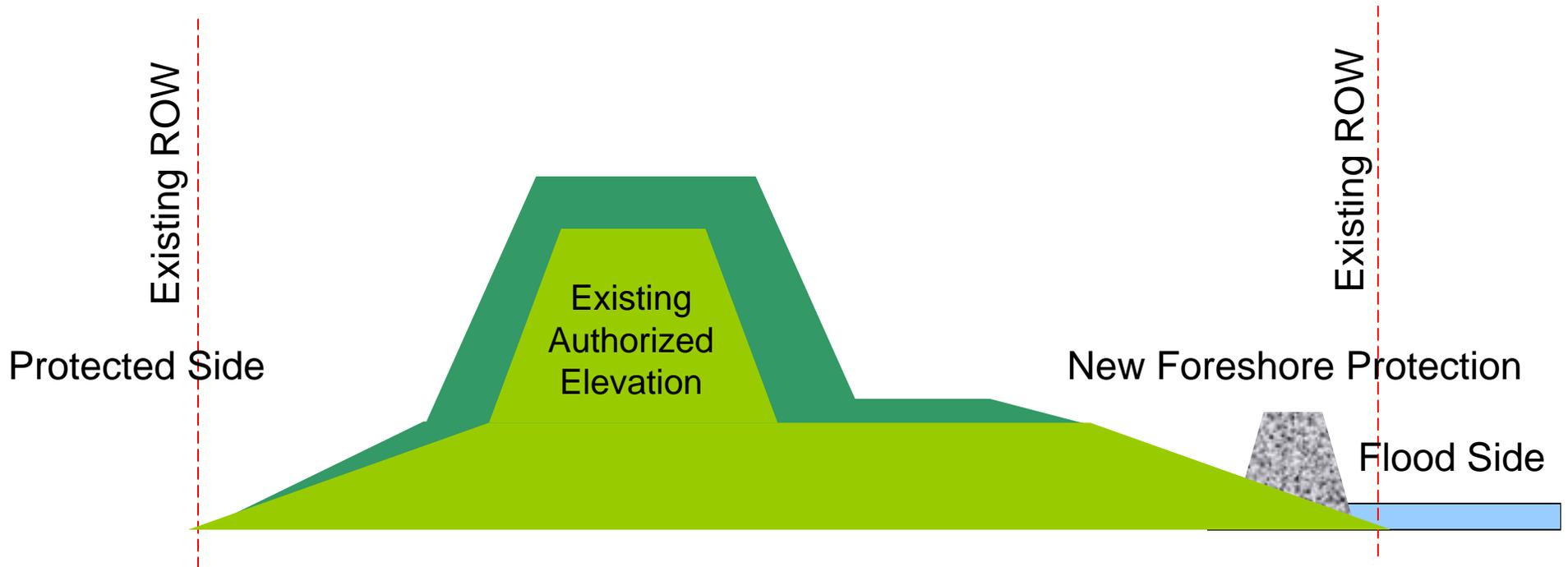
Jefferson Parish Levee Reaches





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100-yr Alternative 1 (Preferred)



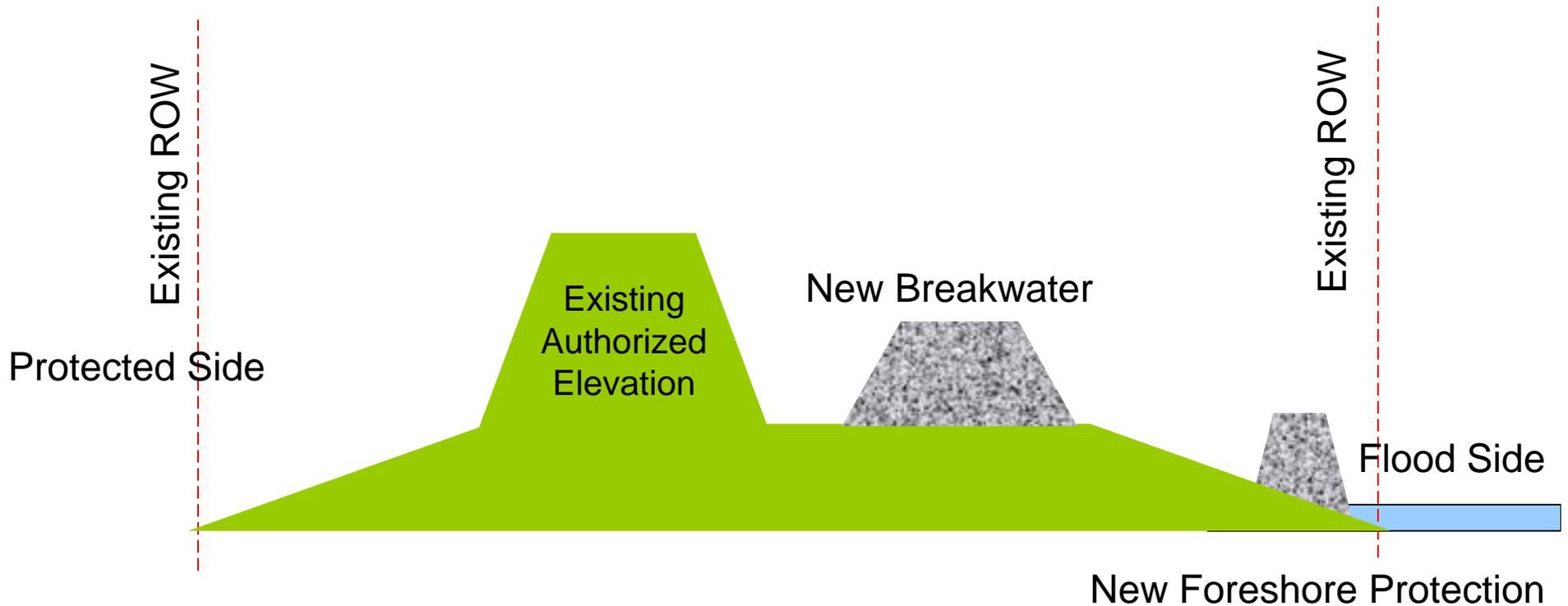
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100-yr Alternative 2



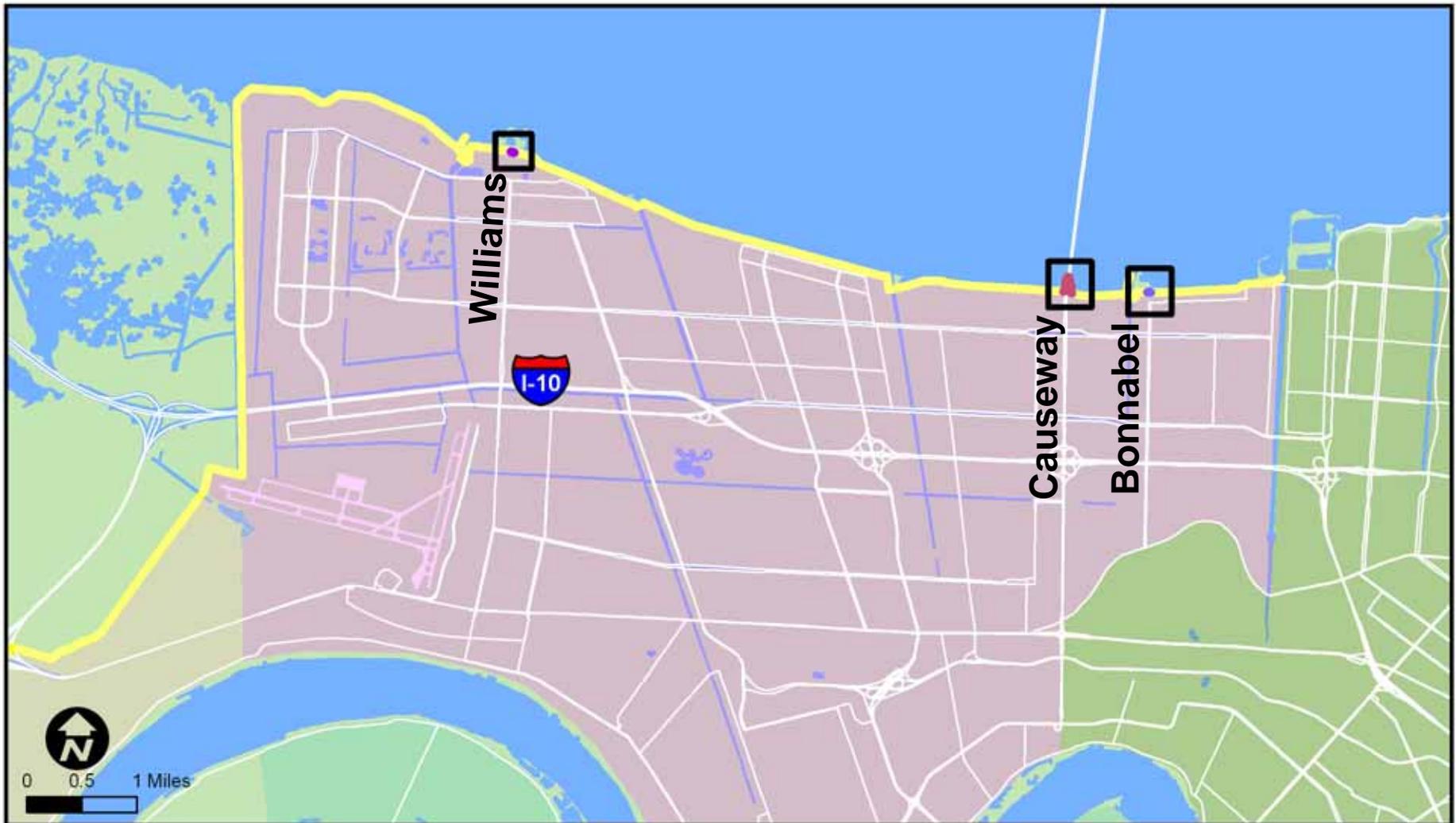
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Floodgates at Williams and Bonnabel, and Causeway Levee Tie-in





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Jefferson Parish Floodgates

Williams Blvd



Bonnabel Ave

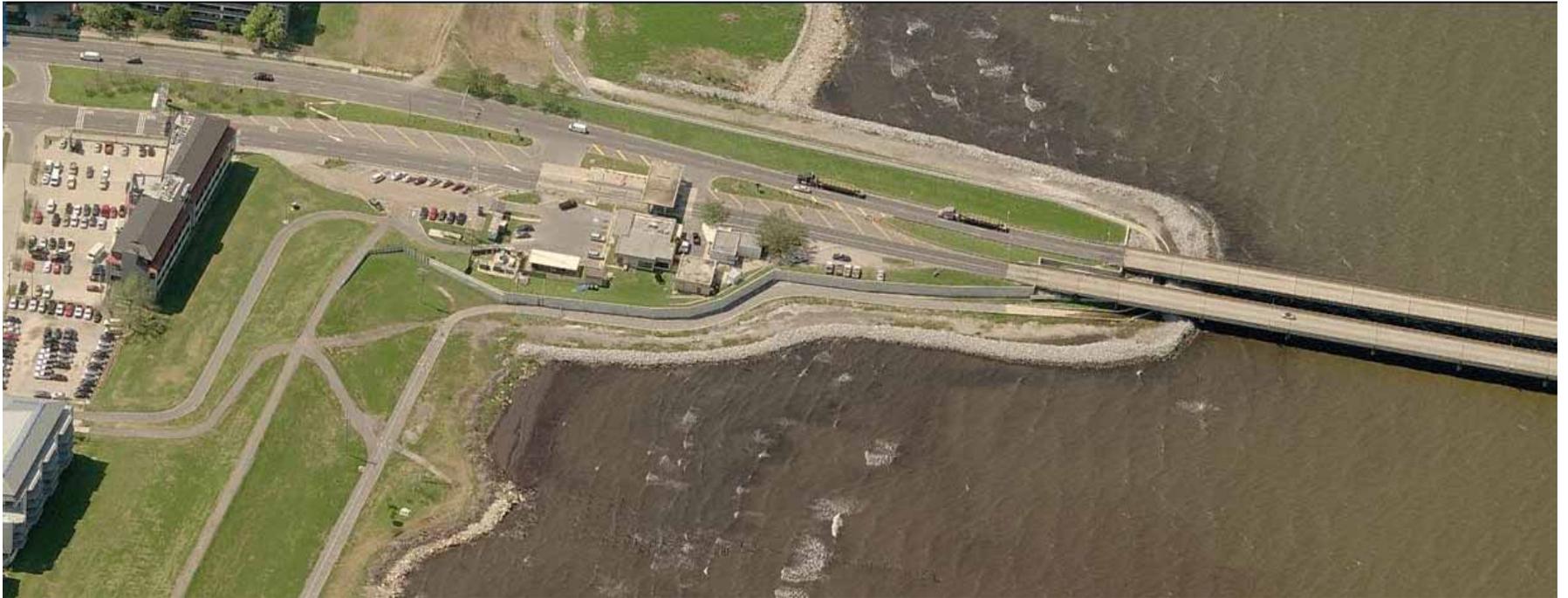


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Causeway Levee Tie-in

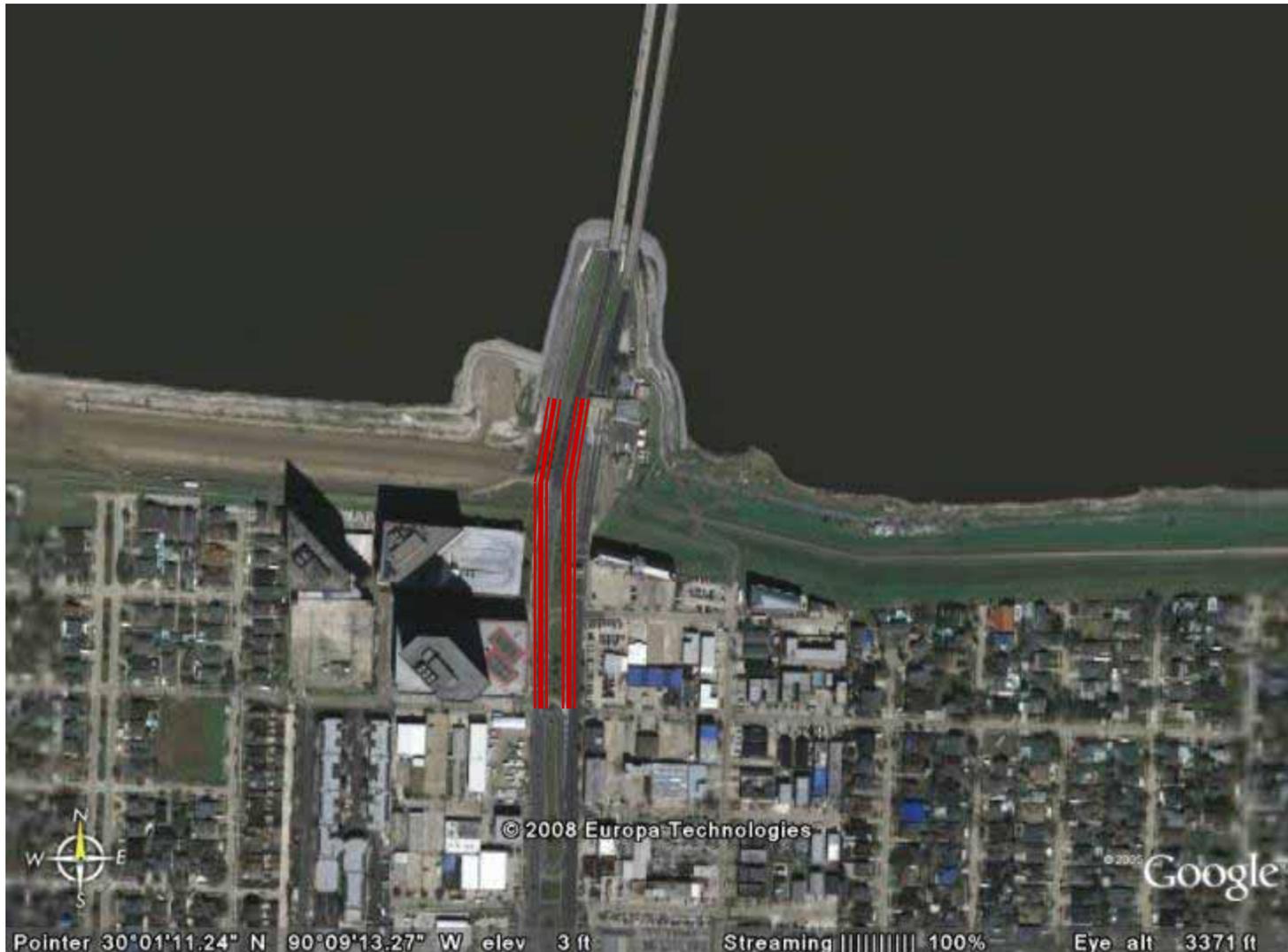


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Causeway Levee Tie-in



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Jefferson Lakefront Pump Stations





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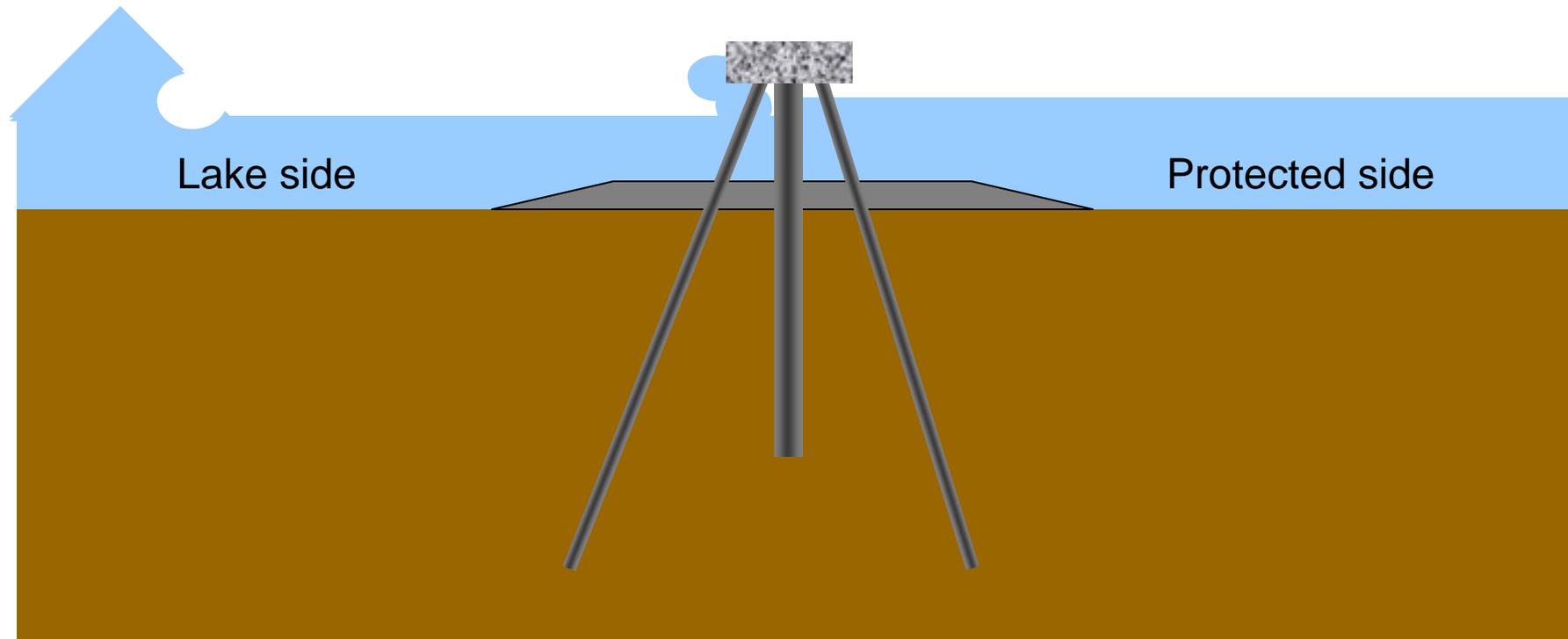
Breakwater Suburban PS #2





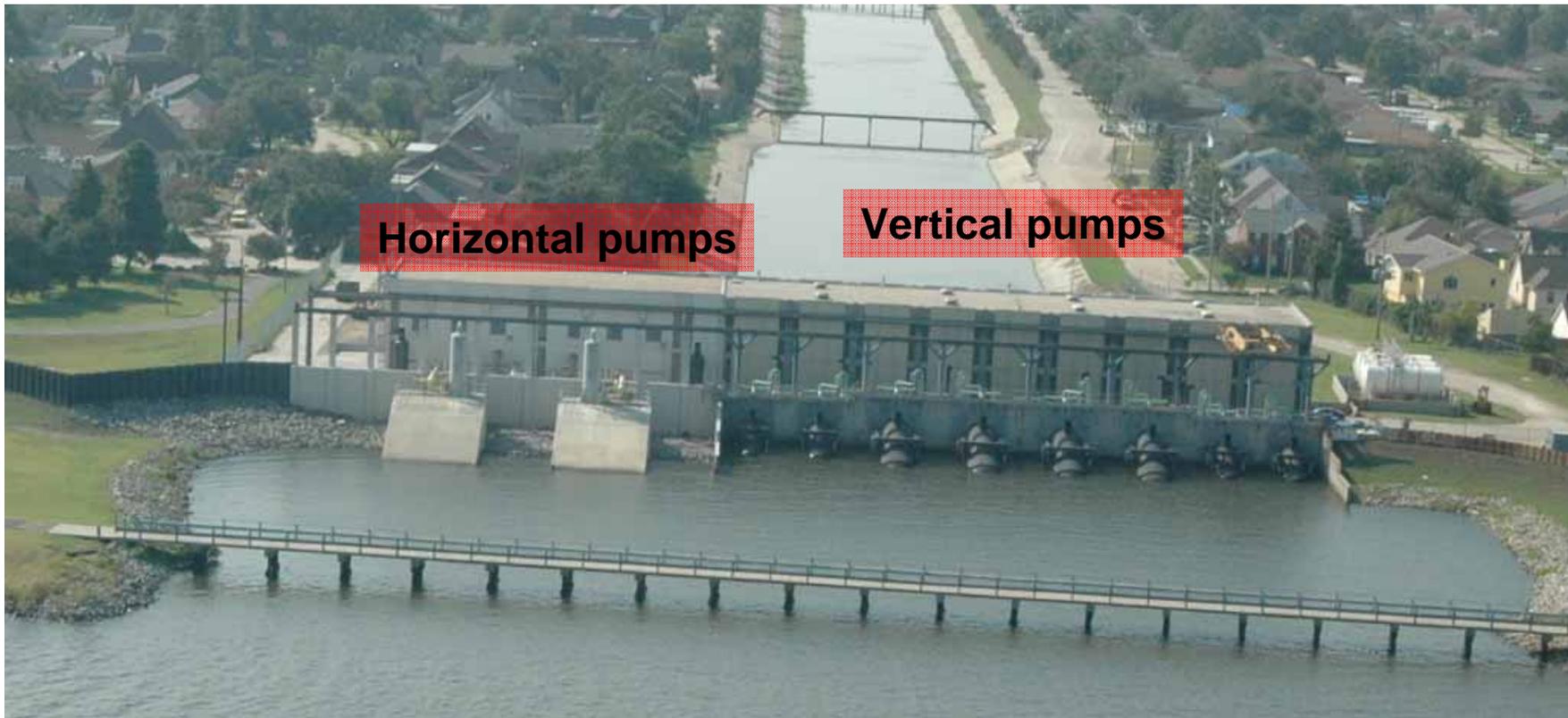
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Typical Section of Breakwater



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Fronting Protection Elmwood PS #3

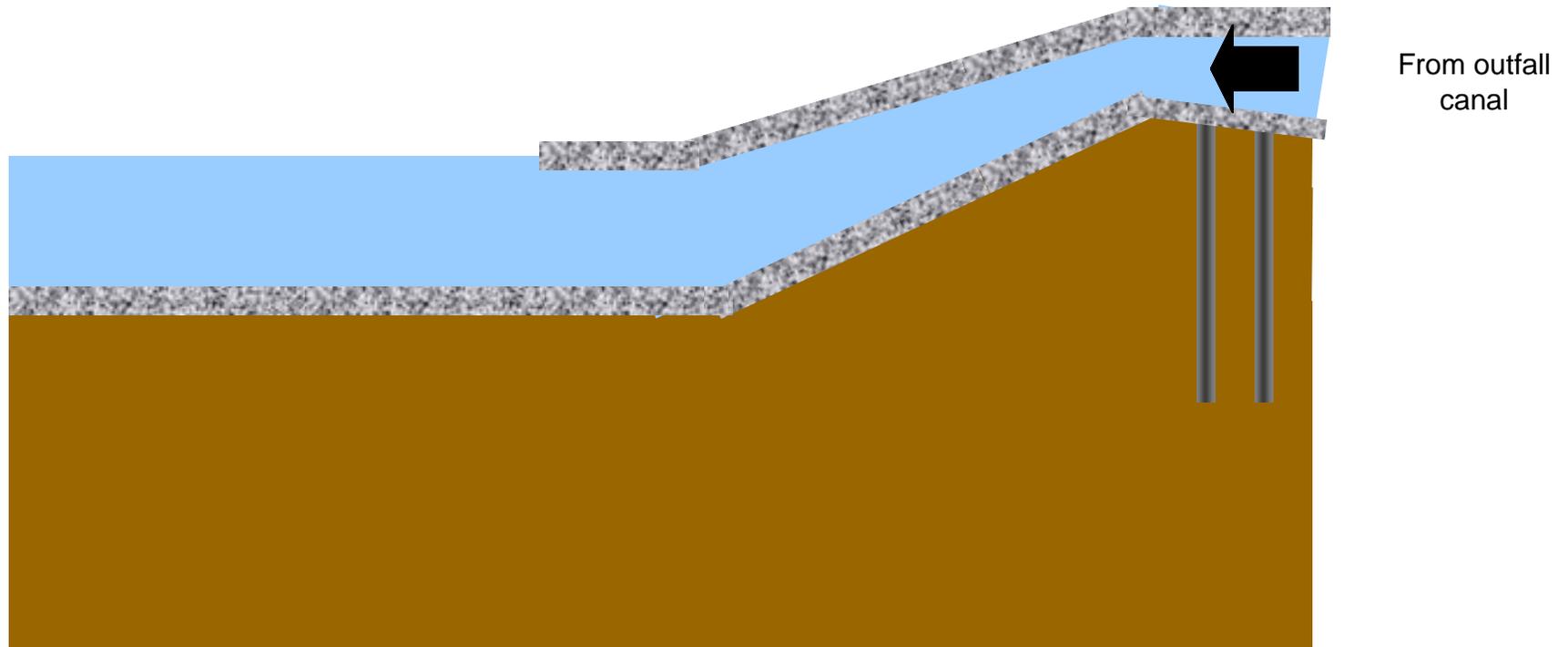




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Typical Fronting Protection Jefferson Parish Horizontal Pumps

Current configuration

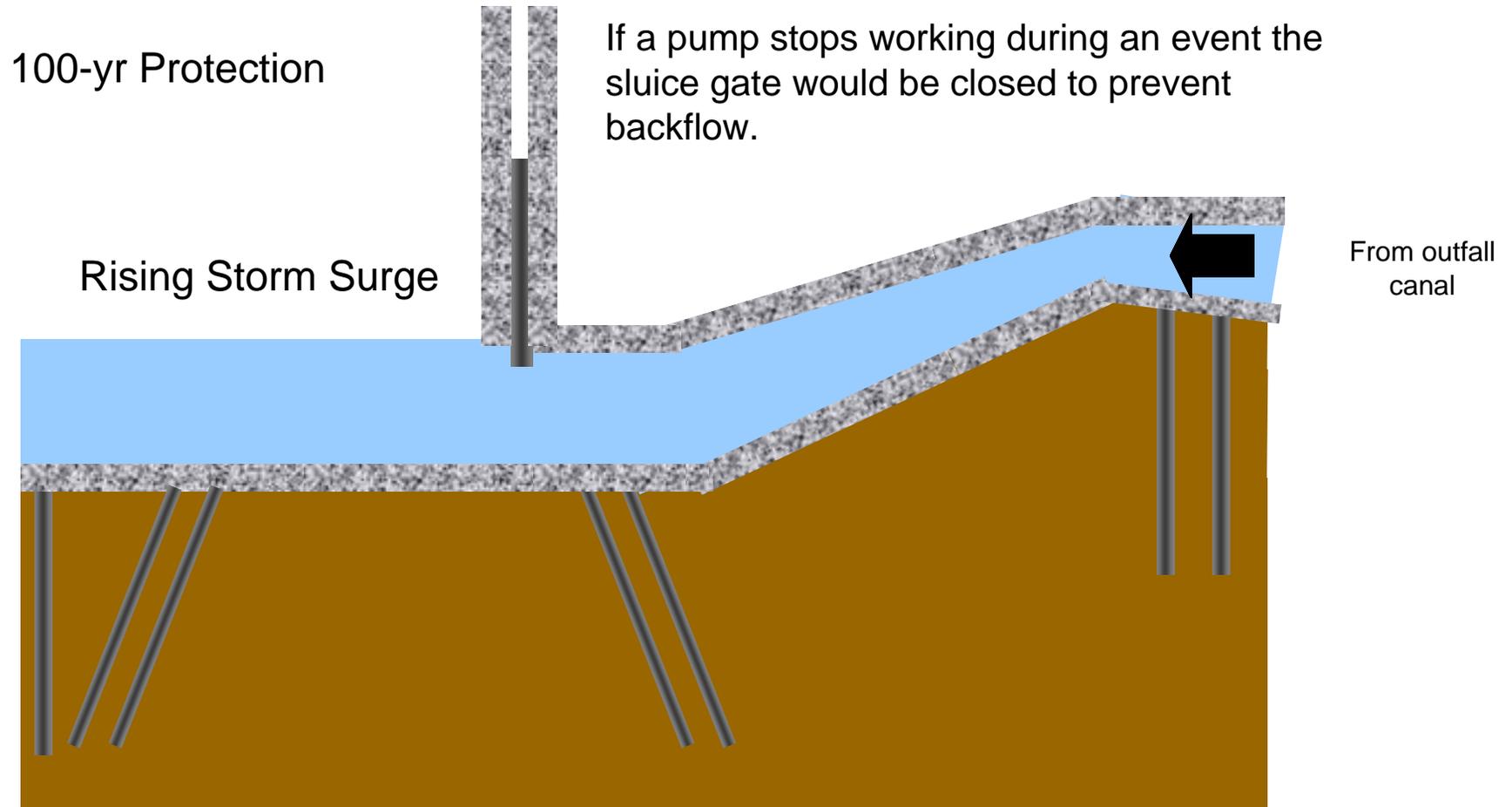


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Typical Fronting Protection Jefferson Parish Horizontal Pumps



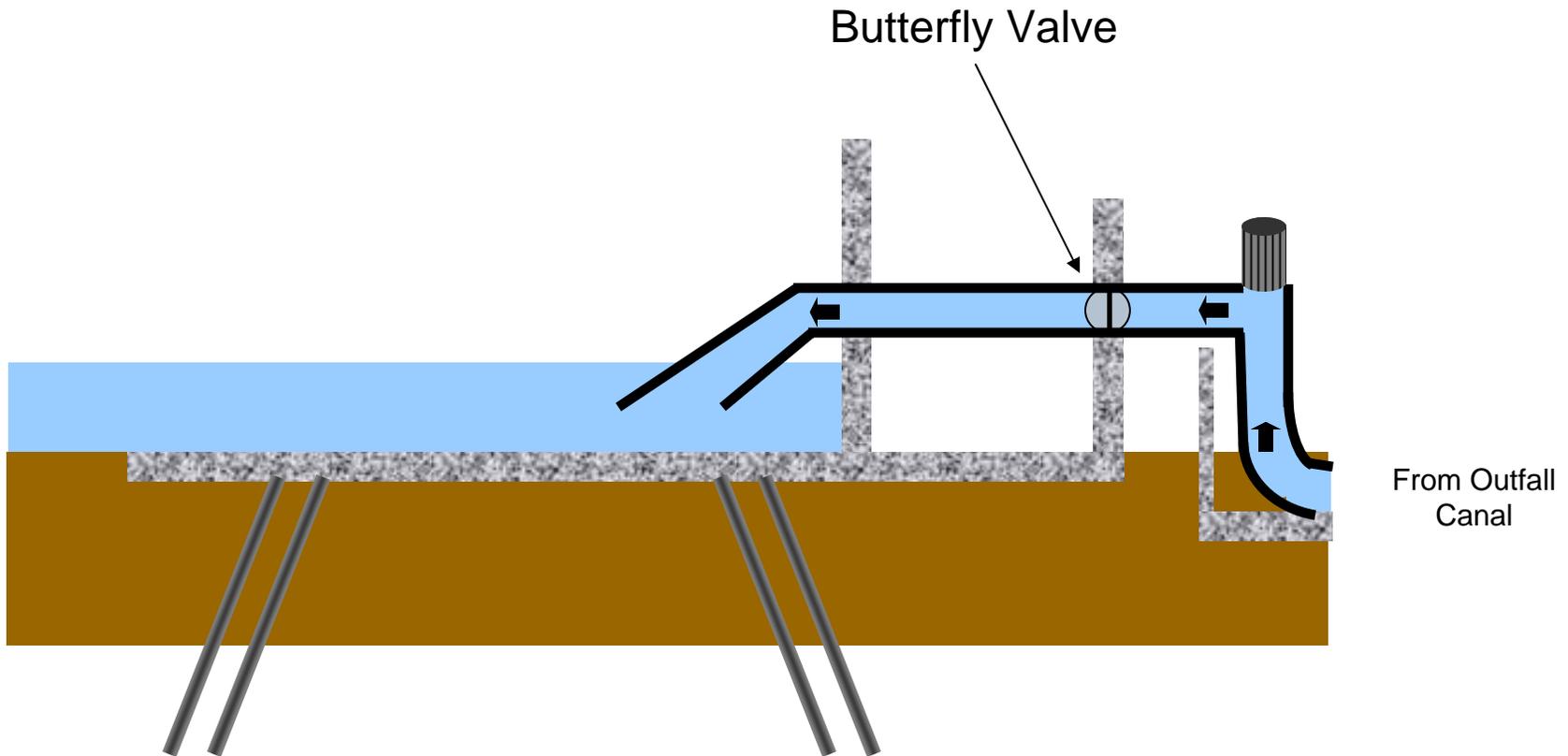
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Typical Fronting Protection Vertical Pumps

If a pump stops working during an event the butterfly valve would be closed to prevent backflow.

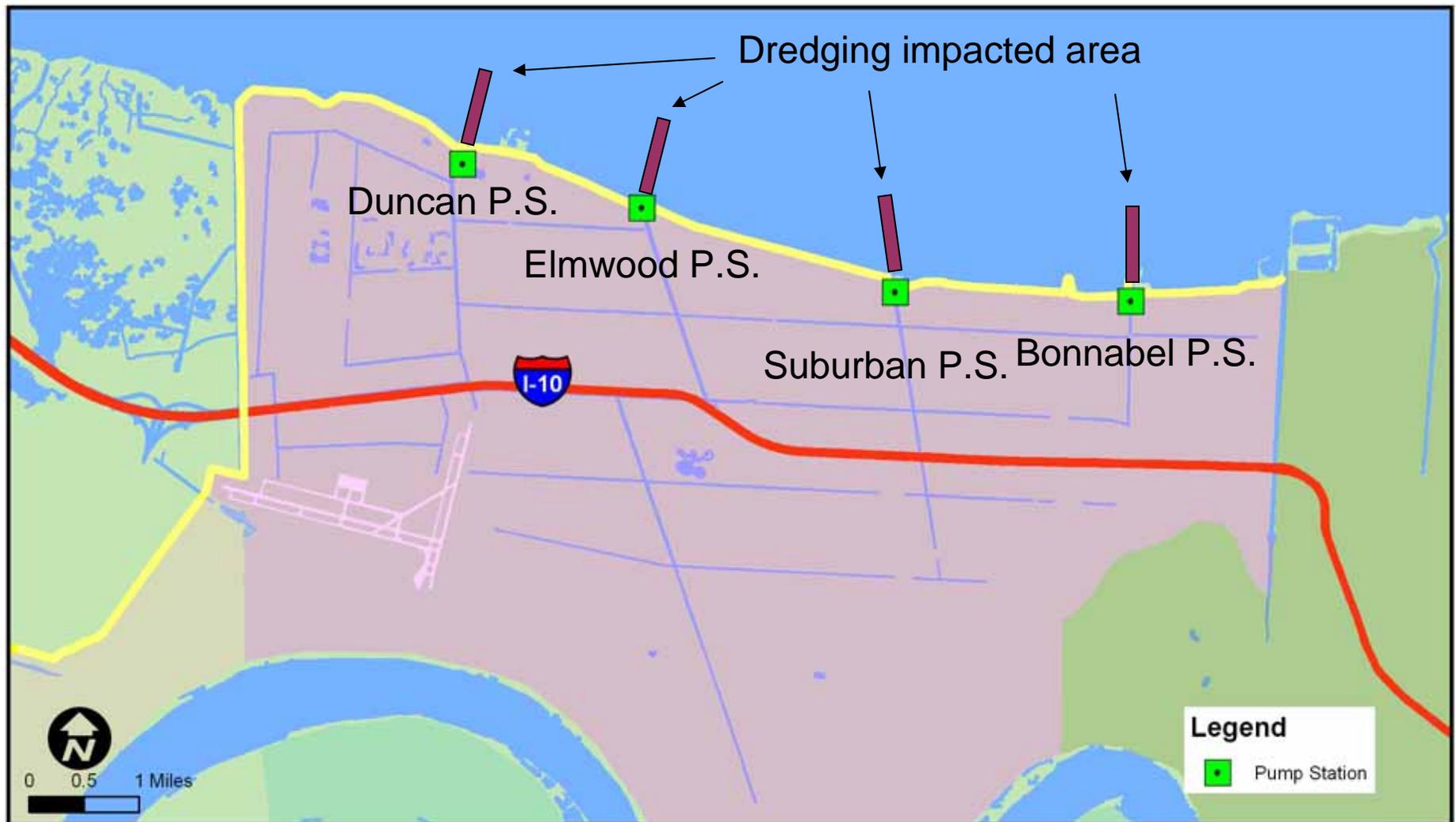


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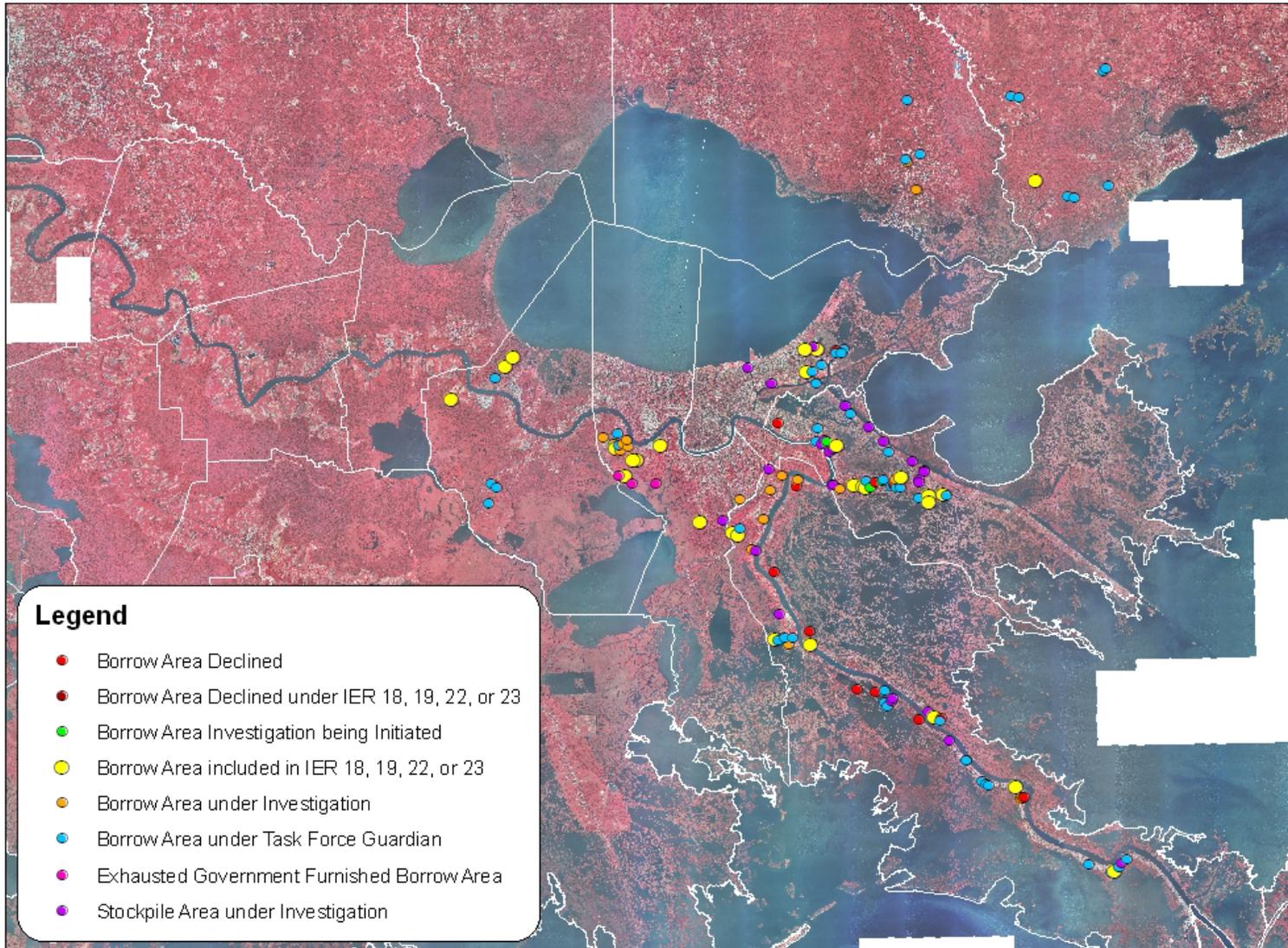
Dredging for Construction Access





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Investigated Borrow Sites – System Wide



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Opportunities for Public Input

- Monthly Public Meetings throughout New Orleans Metro Area
 - Make sure to sign in tonight to get on our meeting notification mailing list
- Comments can be submitted at any time at www.nolaenvironmental.gov
- Individual Environmental Reports (IER) 30-day Public Review

Questions and comments regarding Hurricane Protection Projects

should be addressed to:

Gib Owen

PM-RS

P.O. Box 60267

New Orleans, LA 70160-0267

Phone: 504-862-1337

E-mail: mvnenvironmental@usace.army.mil

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NOLA

Environmental

NEW ORLEANS, LOUISIANA

Environmental Compliance Data Bank

www.nolaenvironmental.gov

PROJECTS
MEETINGS
LIBRARY
DATA VIEWER
GET INVOLVED
RELATED LINKS

Welcome to NOLA Environmental! This site has been set up to share with the public the efforts being made by the U.S. Army Corps of Engineers and other Federal and state agencies in south Louisiana regarding the environmental compliance for proposed Federal and state Hurricane Protection Projects. Additional information pertaining to other Federal and state agencies' hurricane recovery efforts in southeast Louisiana will also be posted on the site as it becomes available.

FEATURED PROJECT

USACE-MVN Emergency Alternative Arrangements
West Bank & Vicinity & Lake Pontchartrain & Vicinity
Hurricane Protection Projects

The U.S. Army Corps of Engineers, Mississippi Valley Division, New Orleans District implemented Alternative Arrangements on March 13, 2007 under the provisions of the Council on Environmental Quality Regulations for Implementing the National Environmental Policy Act (40 CFR § 1506.11). This process was implemented in order to expeditiously complete environmental analysis for the 100-year level of Hurricane and Storm Damage Reduction effort authorized and funded by the Administration and the Congress. The proposed actions are located in southern Louisiana area and relate to the Federal effort to rebuild the Hurricane and Storm Damage Reduction system in the New Orleans Metropolitan area as a result of Hurricanes Katrina and Rita. ([Learn More](#))

NOW AVAILABLE:

The Decision Records for IERs 18 and 19 have been signed by the District Commander

Final IER 18 *(News Release)*

Final IER 19 *(News Release)*

IER 11 Draft Report - Public Comment Period: Jan. 31, 2008 - Feb. 29, 2008

UPCOMING EVENTS: Public Meetings

Feb. 26, 2008 7:00 - 9:00 pm, Orleans and Jefferson Parishes (IERs 4, 5, and Borrow)

Feb. 28, 2008 7:00 - 9:00 pm, St. Charles and Jefferson Parishes (IERs 1, 2, 3, and Borrow)

Mar. 13, 2008 7:00 - 9:00 pm, Jefferson, Orleans, and Plaquemines Parishes (IERs 12, 13, and Borrow)

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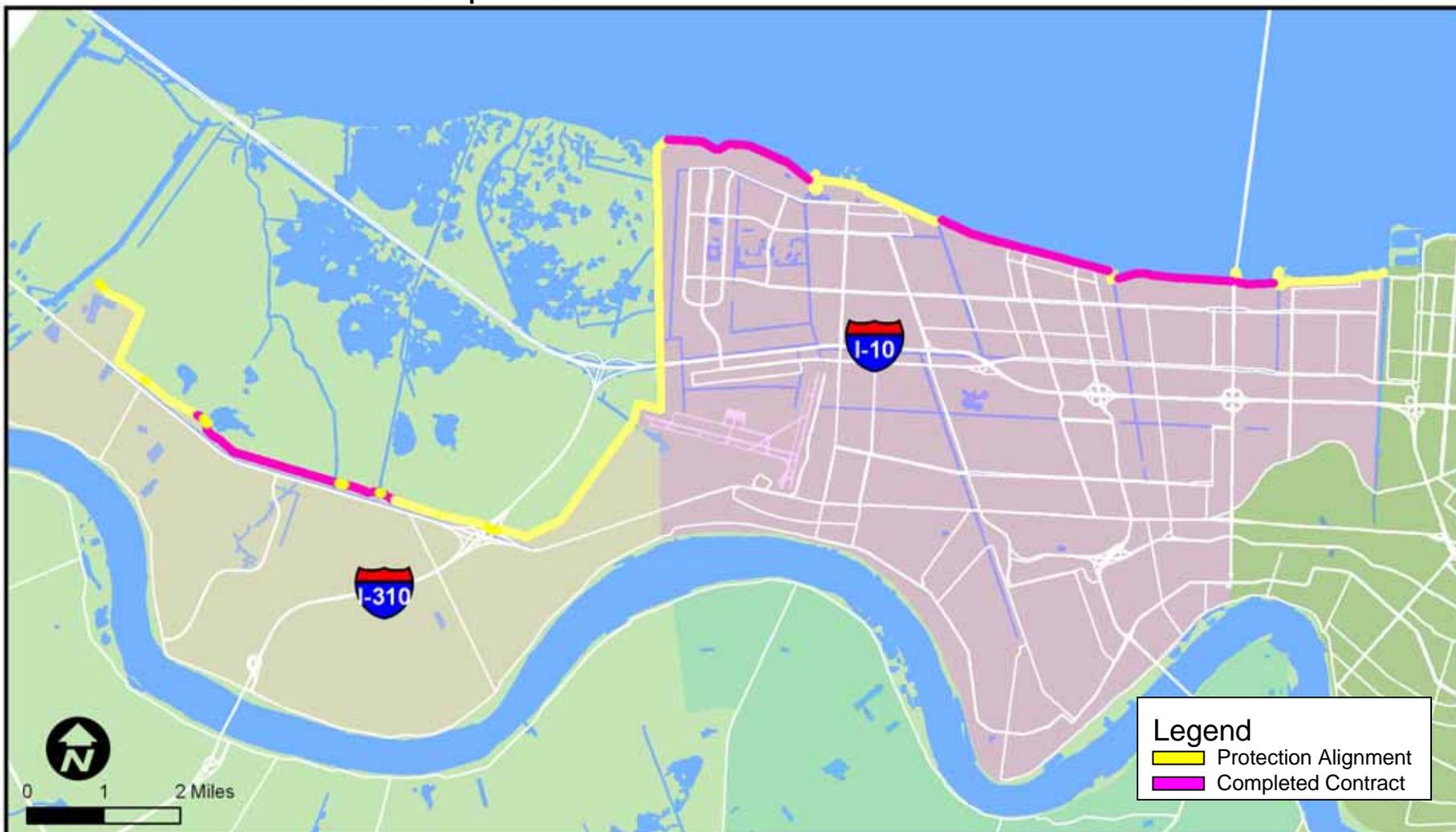
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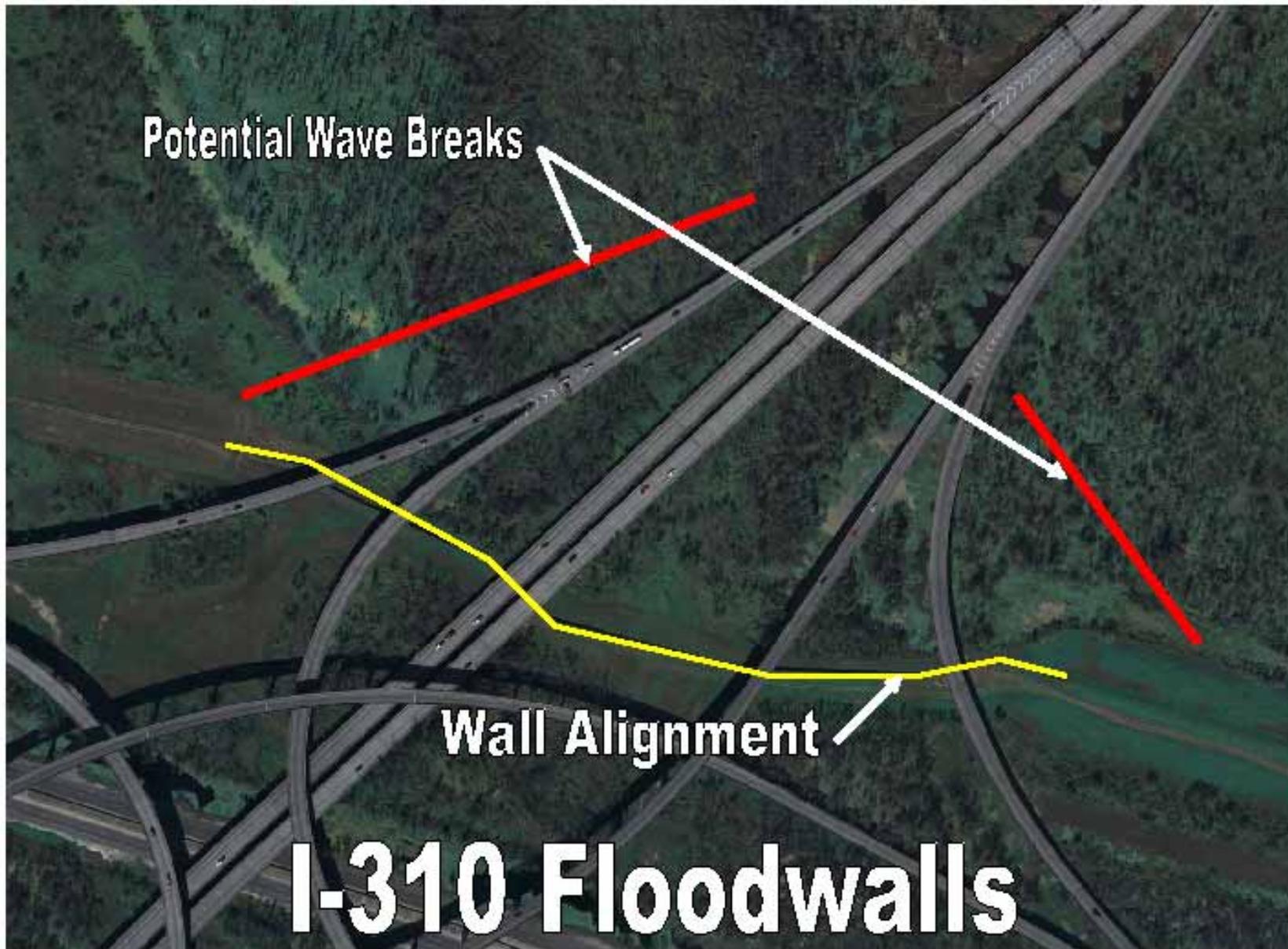


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Levees Raised to Previously Authorized Elevation

- 6.3 miles completed in Jefferson Parish
- 2.2 miles completed in St. Charles Parish





I-310 Floodwalls

Alternative 1: Uses breakwaters

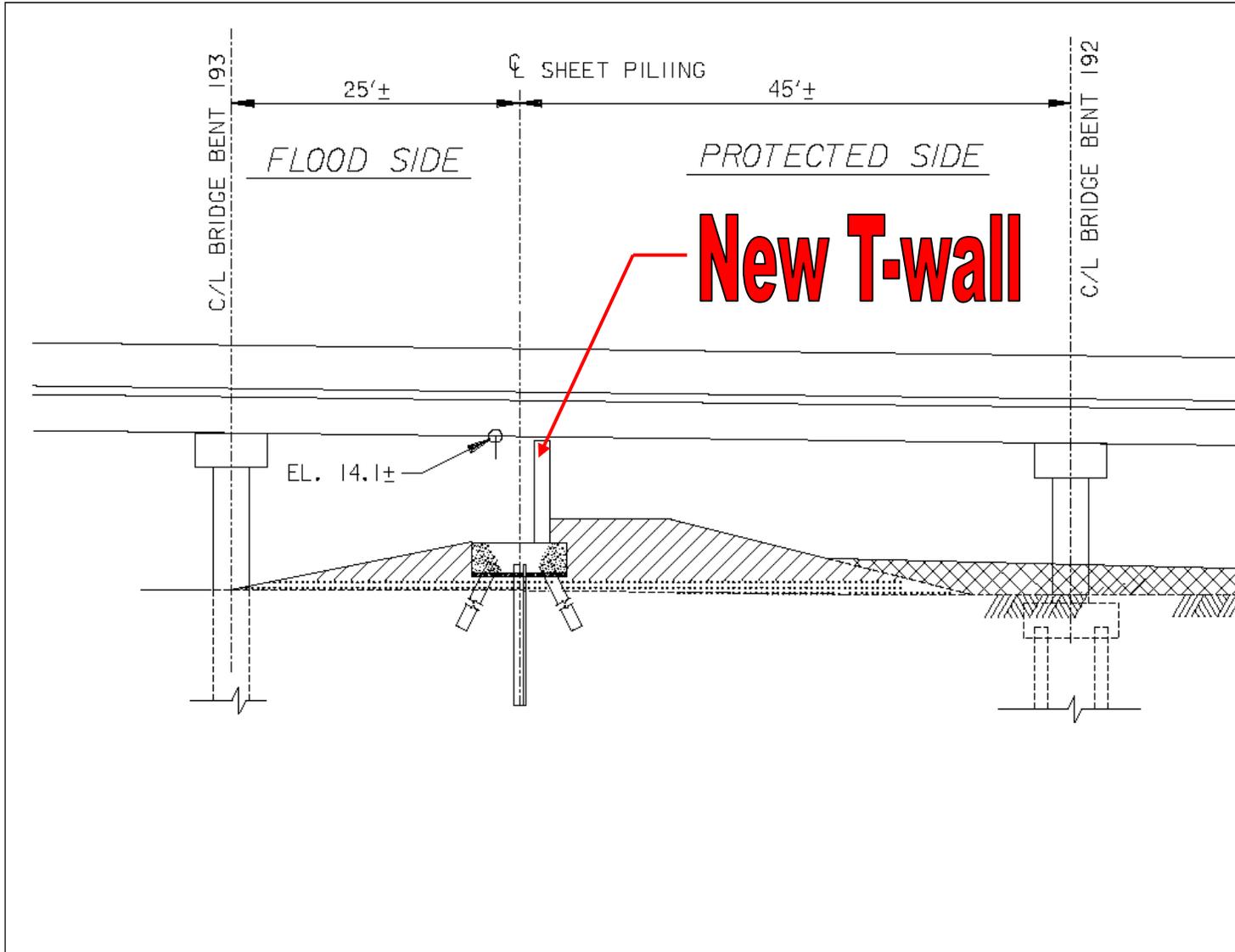
Alternative 2: No breakwaters





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Floodwall Under 1-310



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