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Why are we here tonight

To discuss the status of completed, in-progress and potential improvements to the Greater New Orleans Hurricane and Storm Damage Risk Reduction System on the Eastbank of St. Charles and Jefferson Parish.



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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
- IER 1 was signed by New Orleans District Commander, Alvin Lee, on June 9, 2008
- 30-Day Public Review Period:
 - IER 2 – June 11, 2008 to July 11, 2008
 - IER 3 – June 16, 2008 to July 16, 2008



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NEPA Process and Path Ahead

- Final decision regarding IER recommendations will tentatively be made in 2008:
 - IER 2 – July 18, 2008
 - IER 3 – July 23, 2008



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Lake Pontchartrain and Vicinity Hurricane Protection Project





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100-yr Plan St. Charles Parish IER 1



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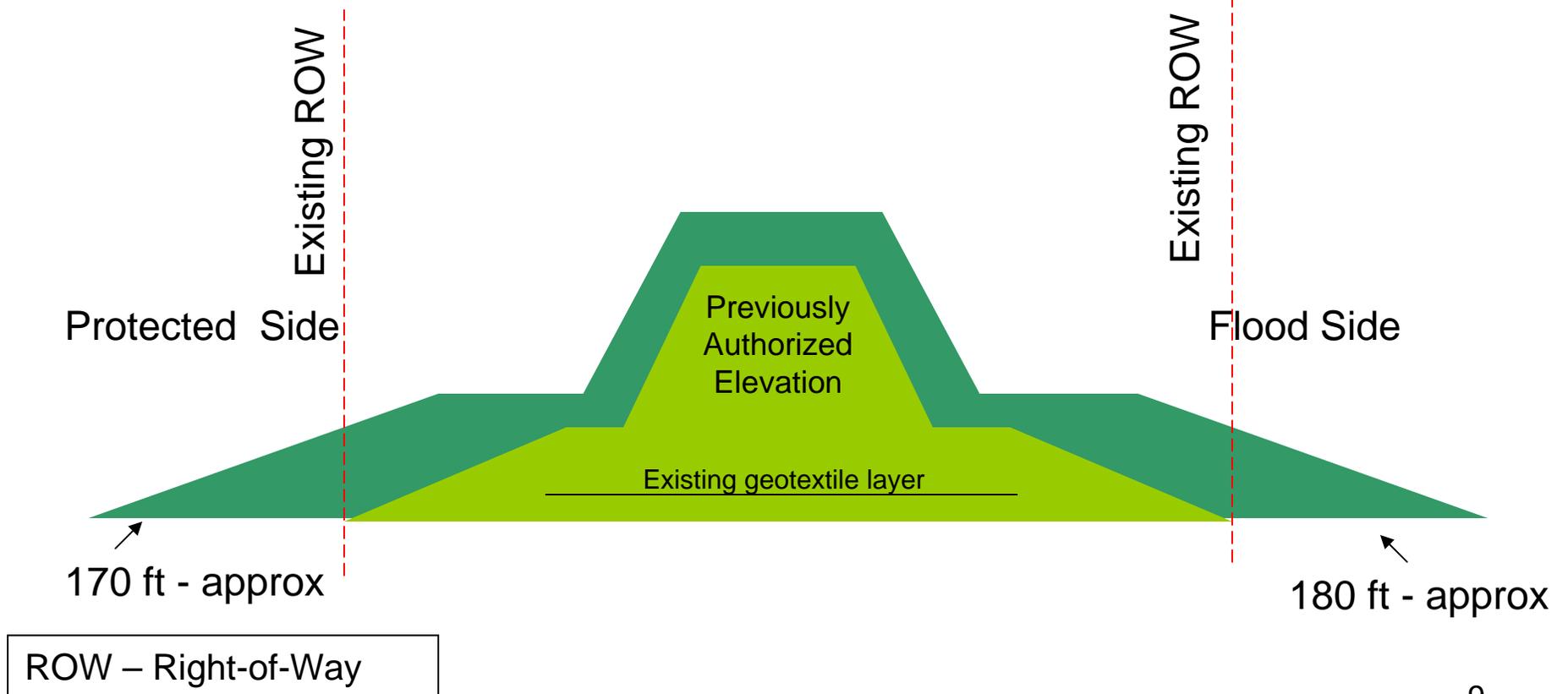
St. Charles Parish Levee Reaches





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St. Charles 100-yr Plan





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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

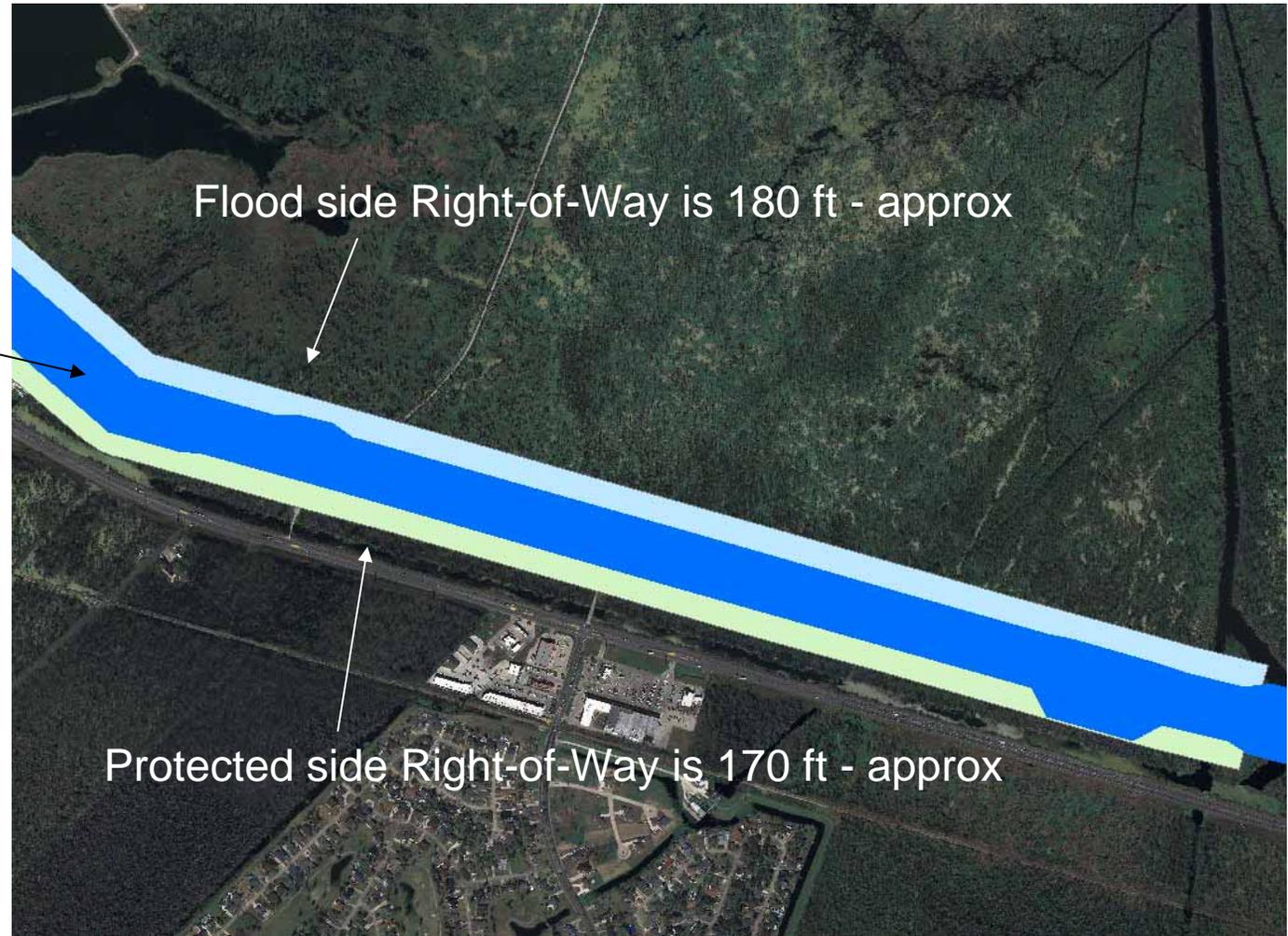


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100-year Project Footprint



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 Levee



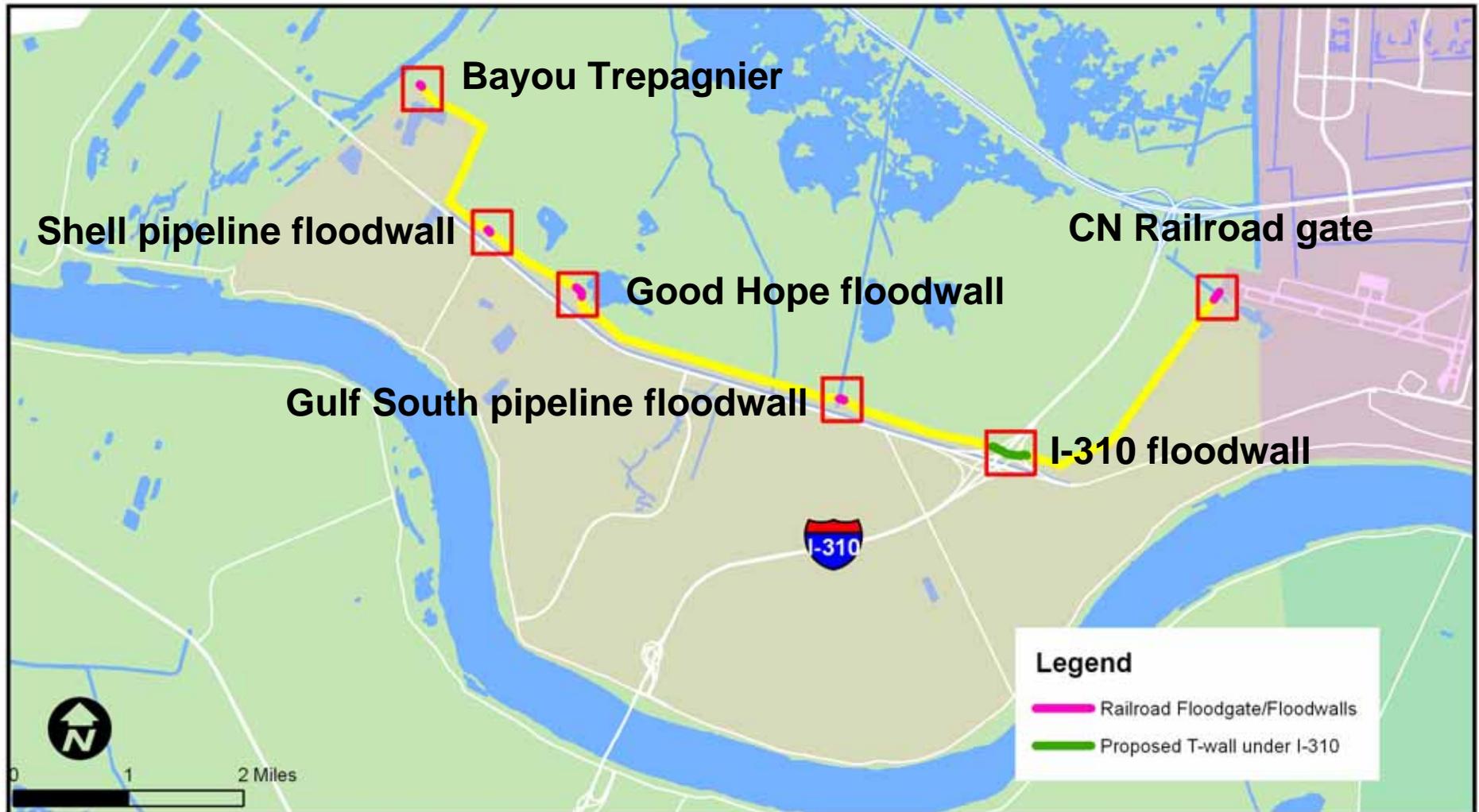
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St. Charles Parish Floodwalls





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Bayou Trepagnier Floodwall





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Floodwalls at Pipeline Crossings

Shell Pipeline Floodwall



Gulf South Pipeline Floodwall



Good Hope Floodwall



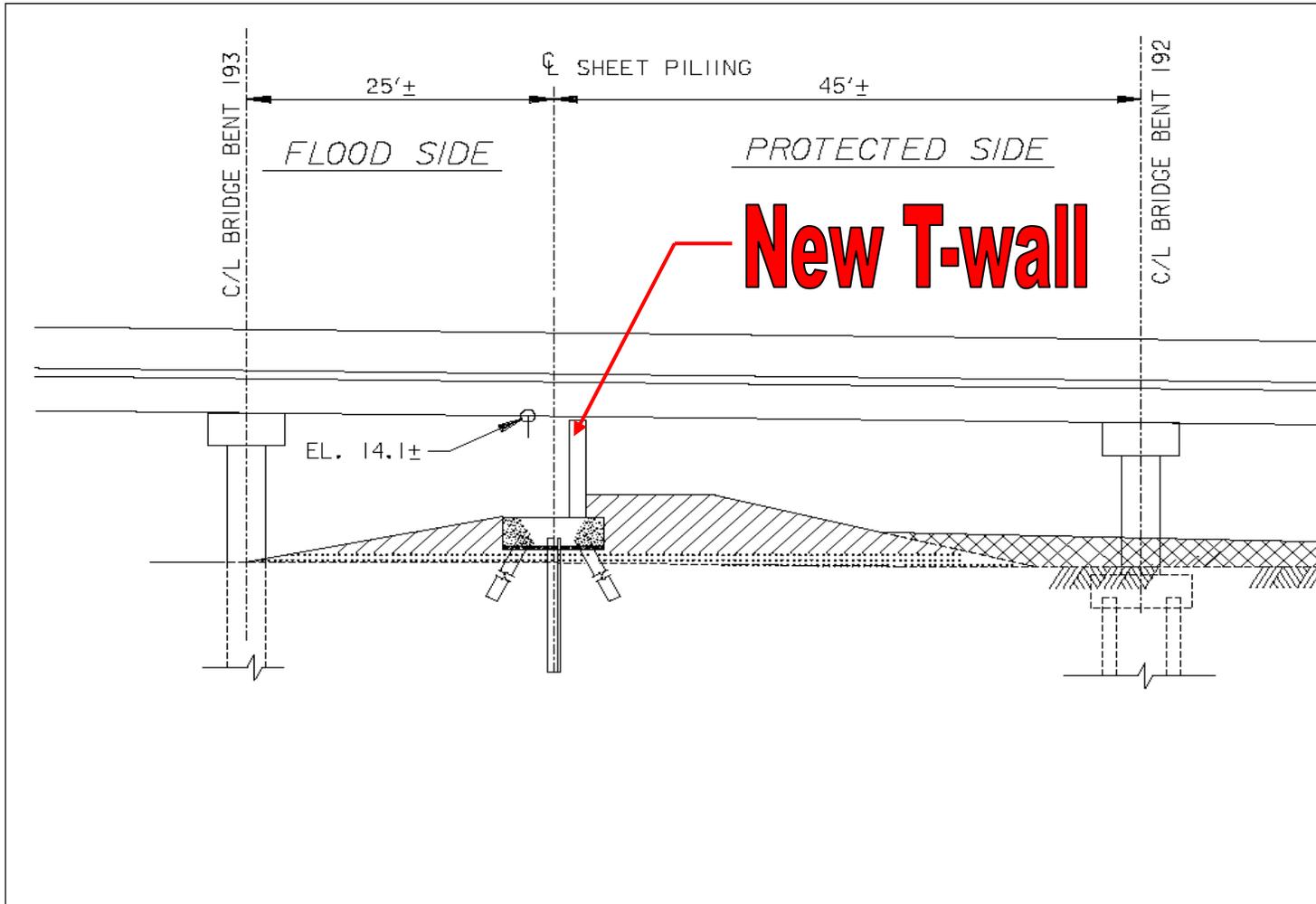


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I-310 Floodwall



I-310 Floodwall





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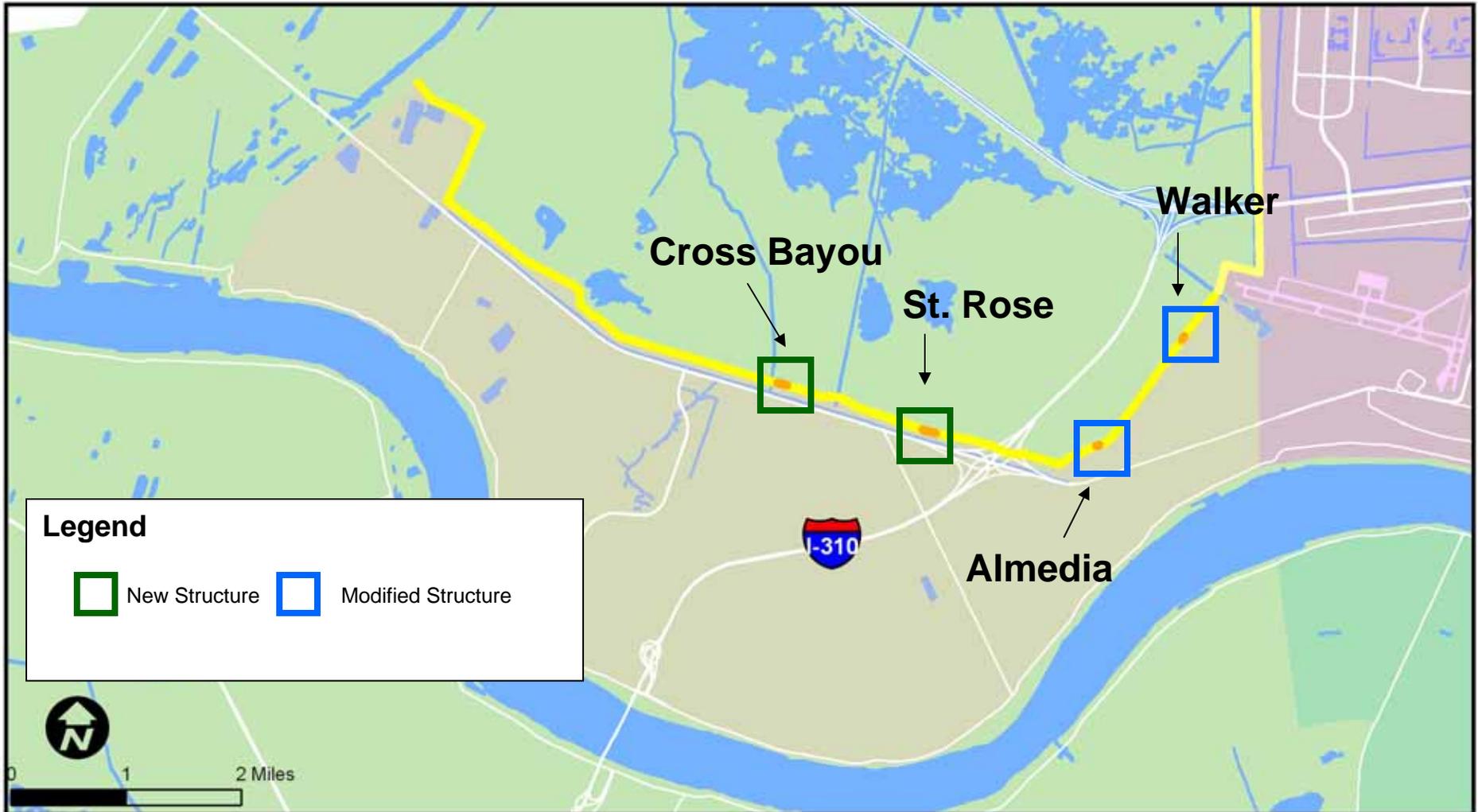
Canadian Railroad Floodgate





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St. Charles Parish Drainage Structures

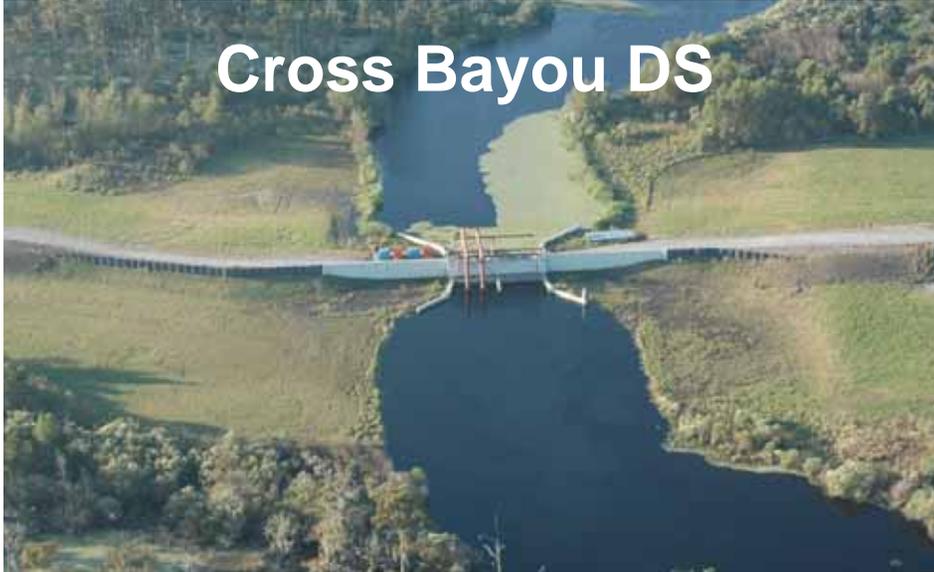




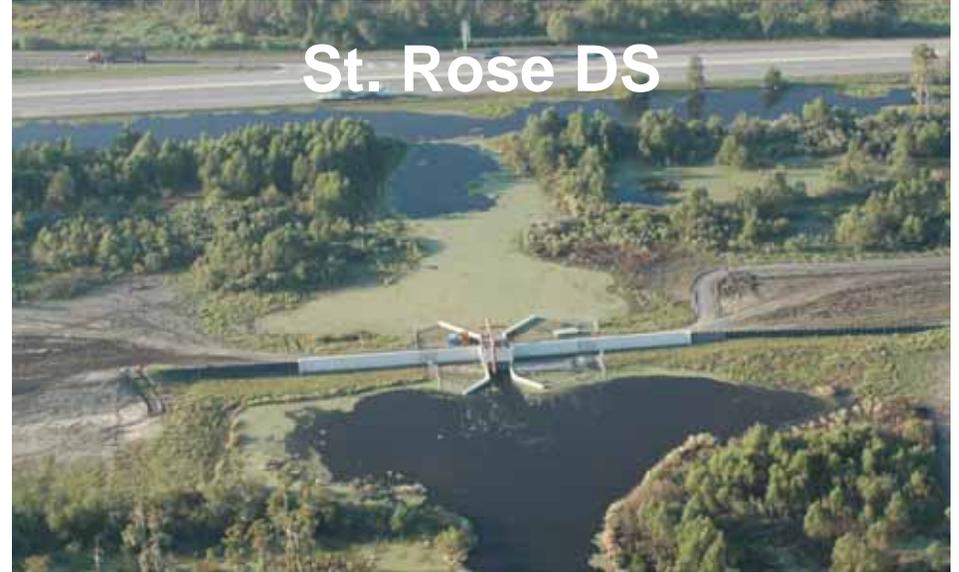
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St. Charles Parish Drainage Structures

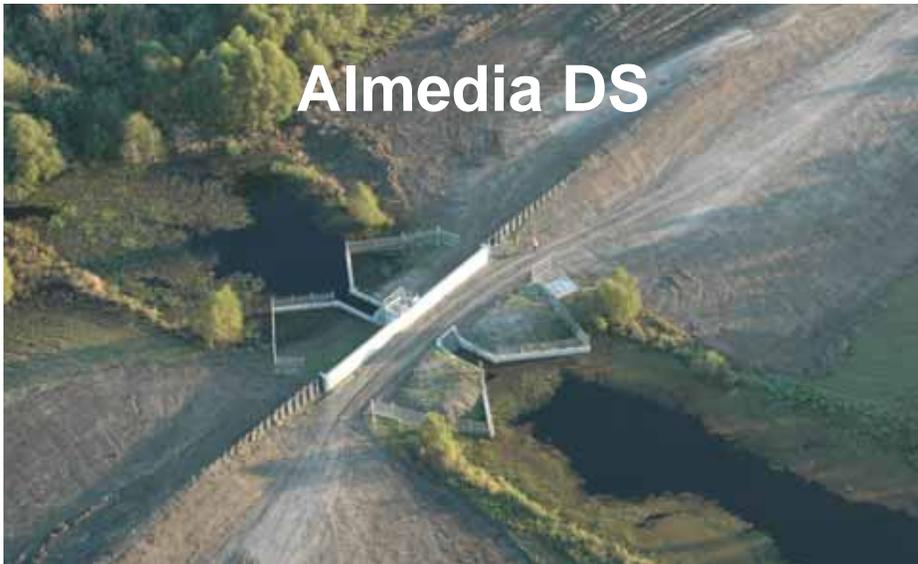
Cross Bayou DS



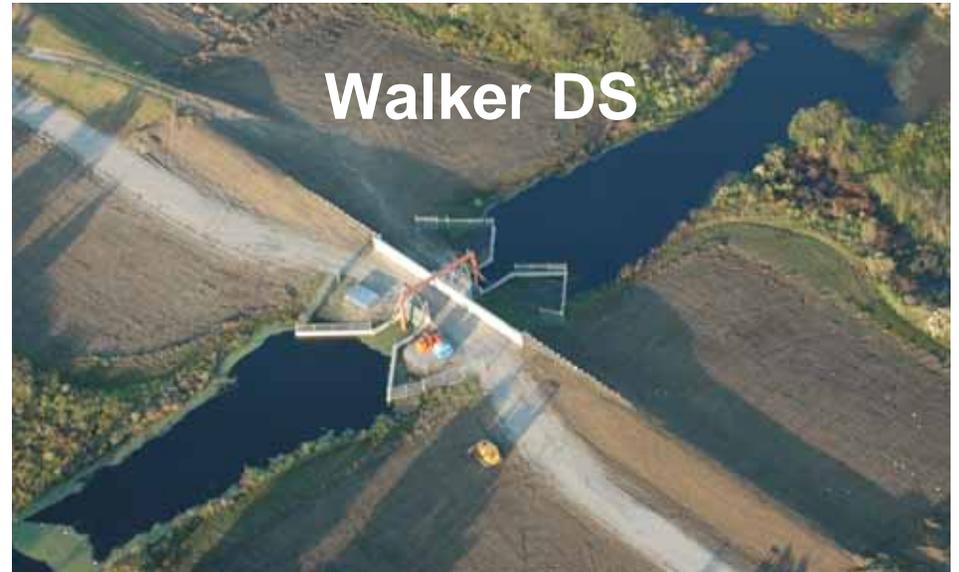
St. Rose DS



Almedia DS



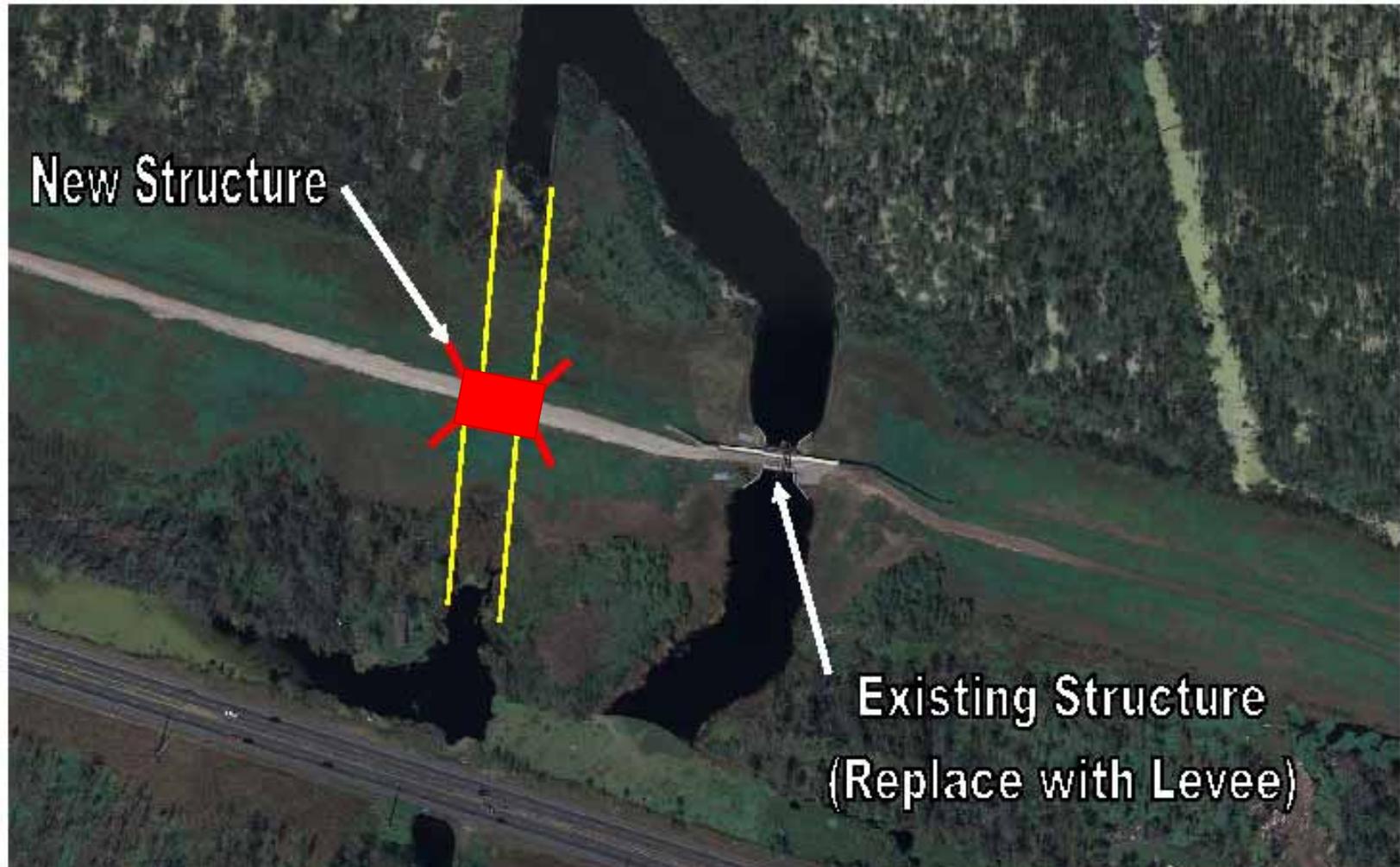
Walker DS





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Cross Bayou Drainage Structure



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



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West Return Floodwall



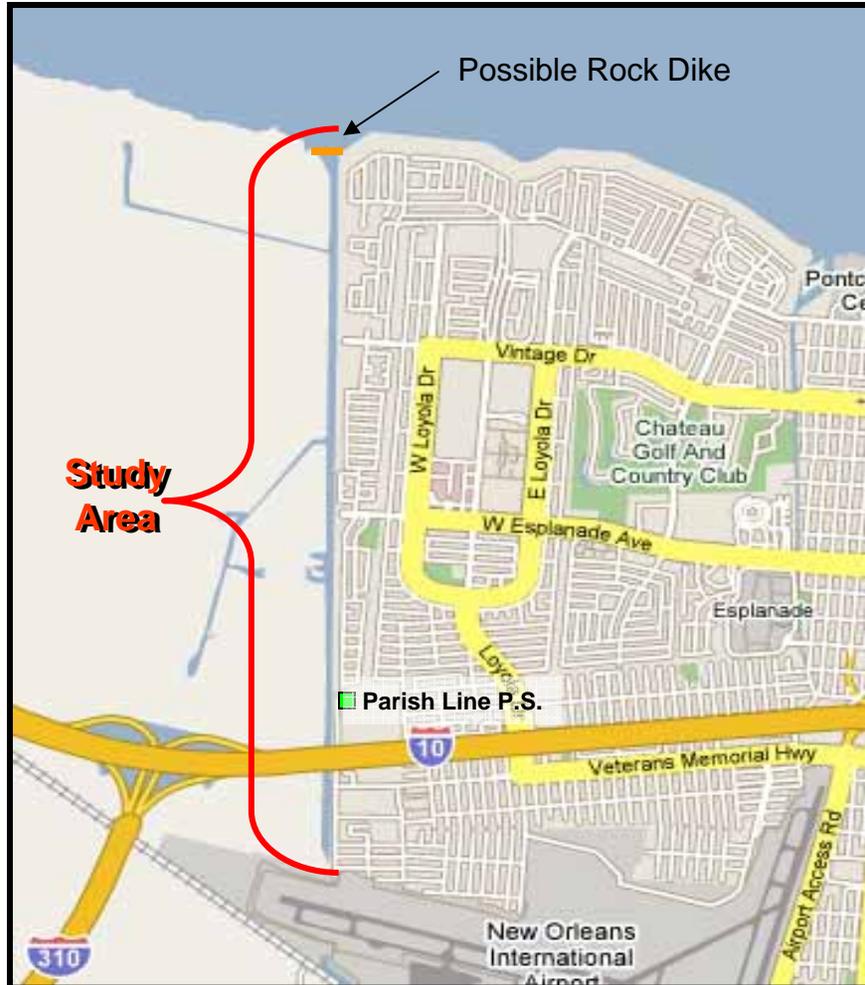
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West Return Floodwall Alternatives Evaluation



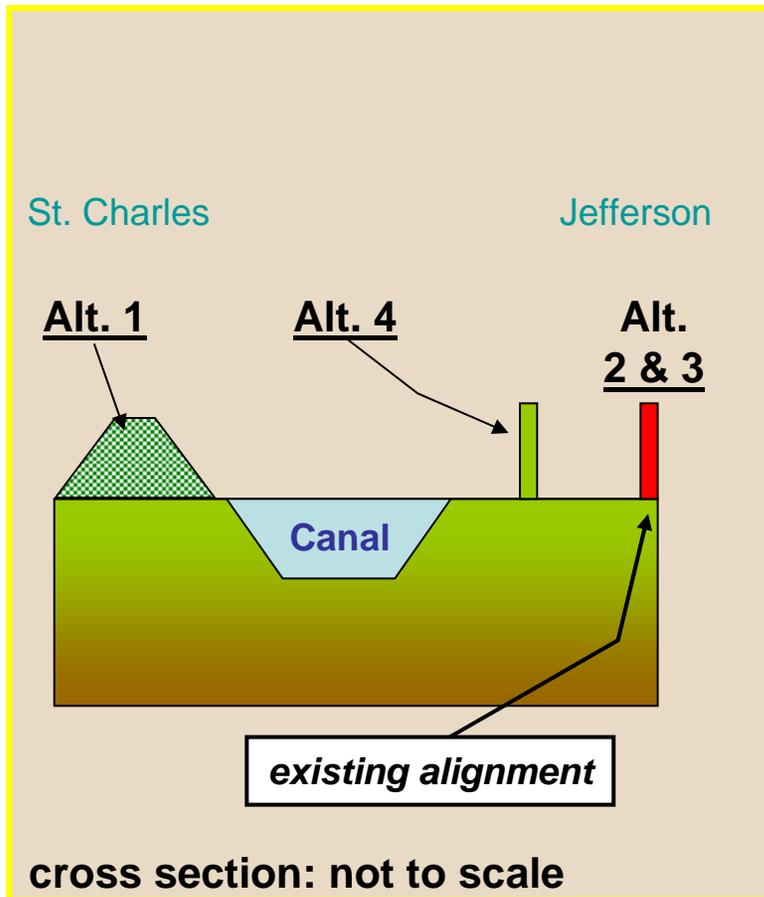
Study Area:

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



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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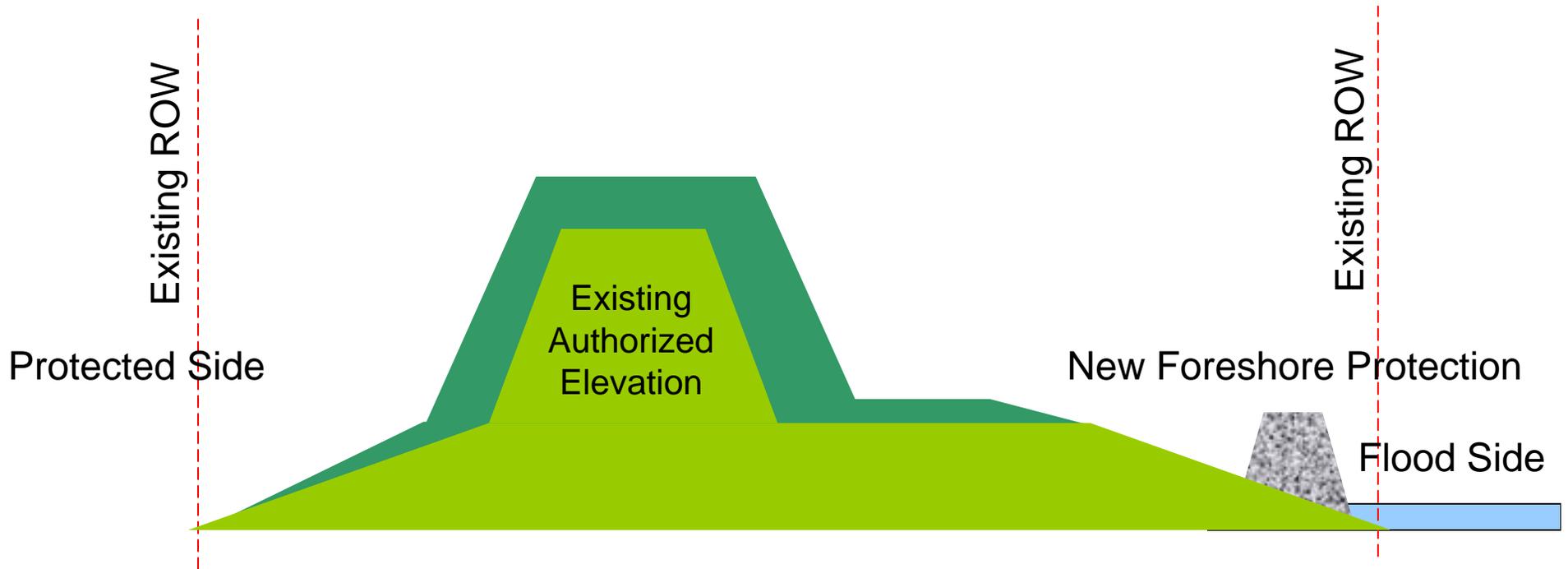
Jefferson Parish Levee Reaches





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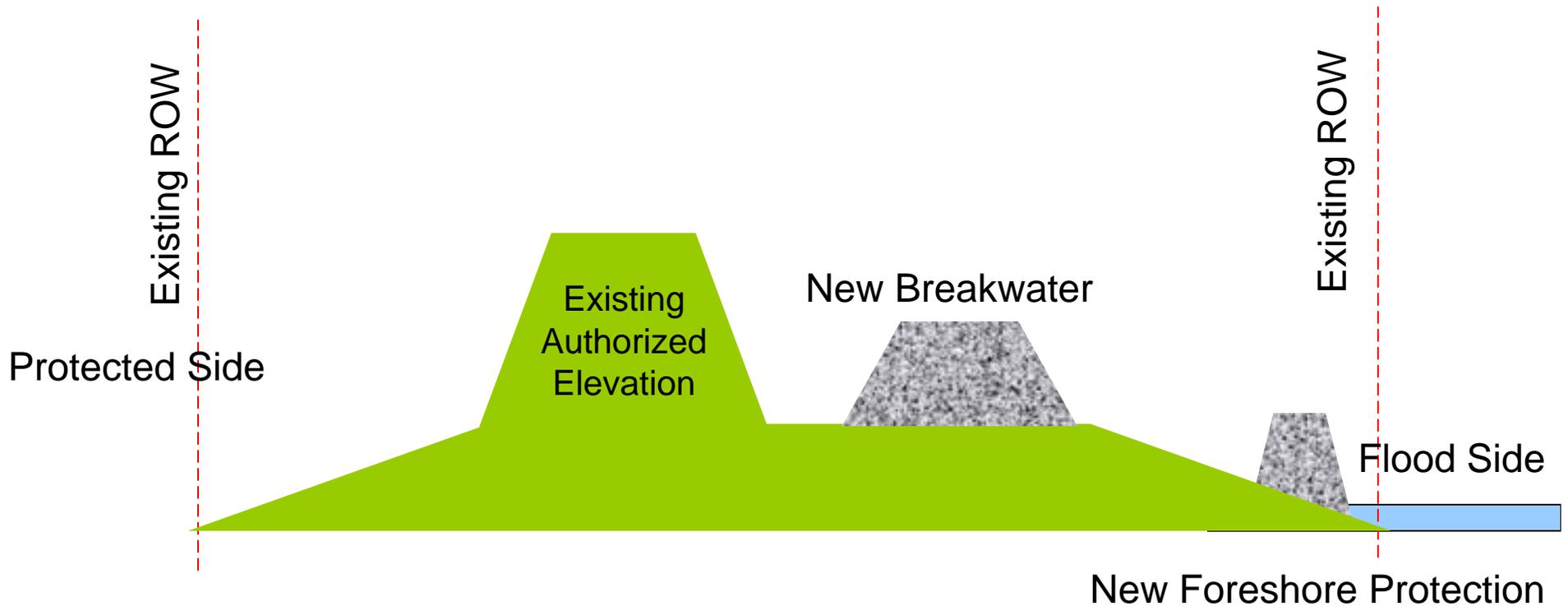
100-yr Alternative 1 (Preferred)



ROW – Right-of-Way



100-yr Alternative 2

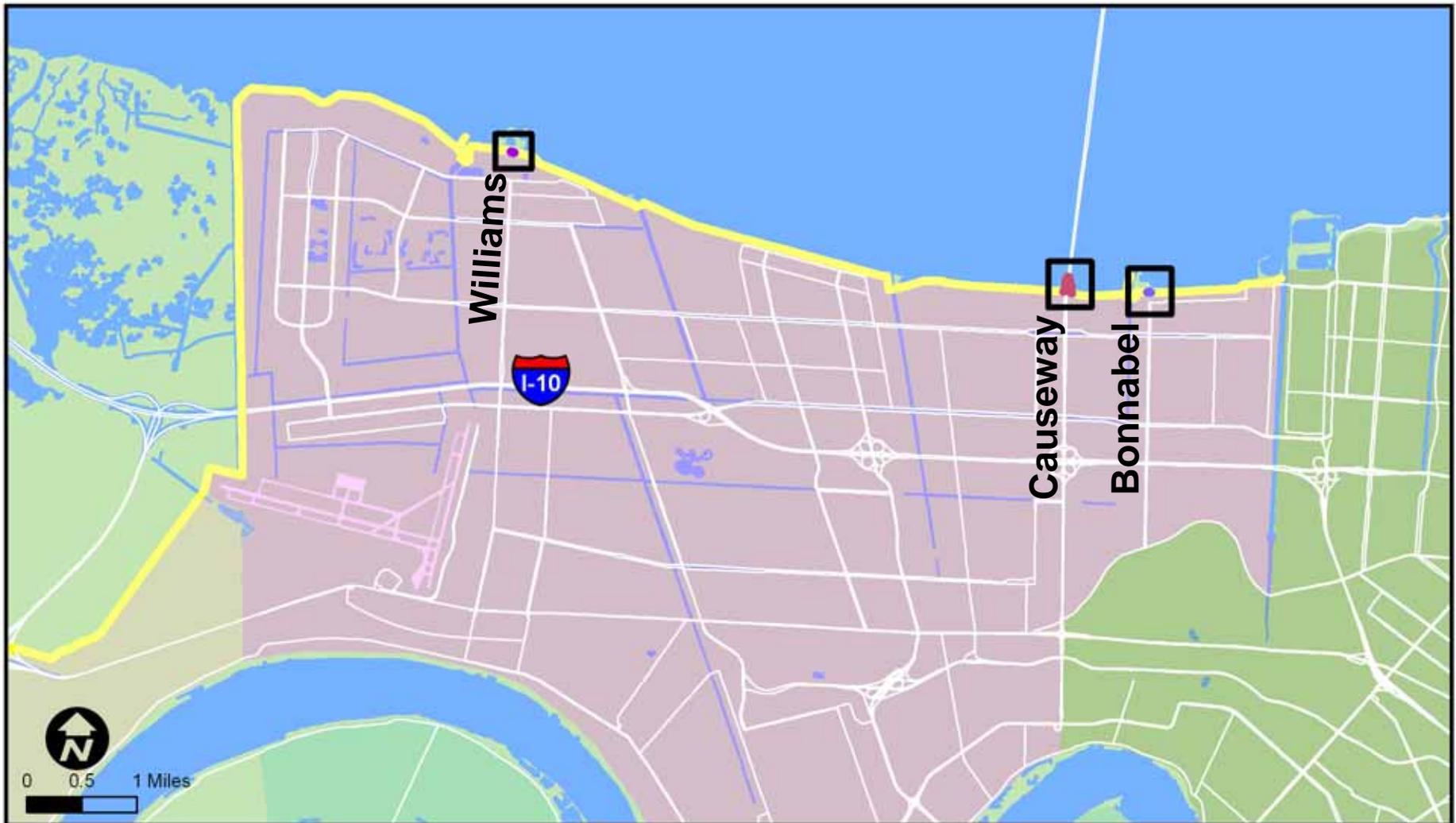


ROW – Right-of-Way



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





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Jefferson Parish Floodgates

Williams Blvd



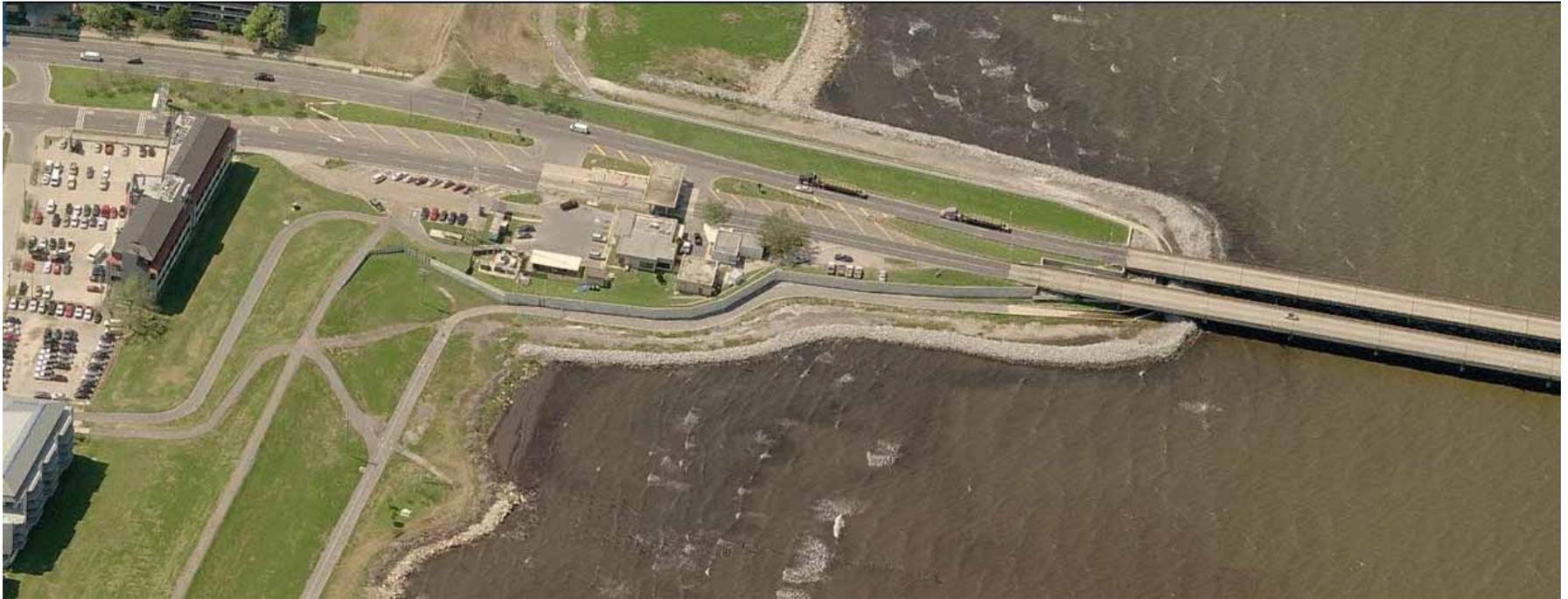
Bonnabel Ave





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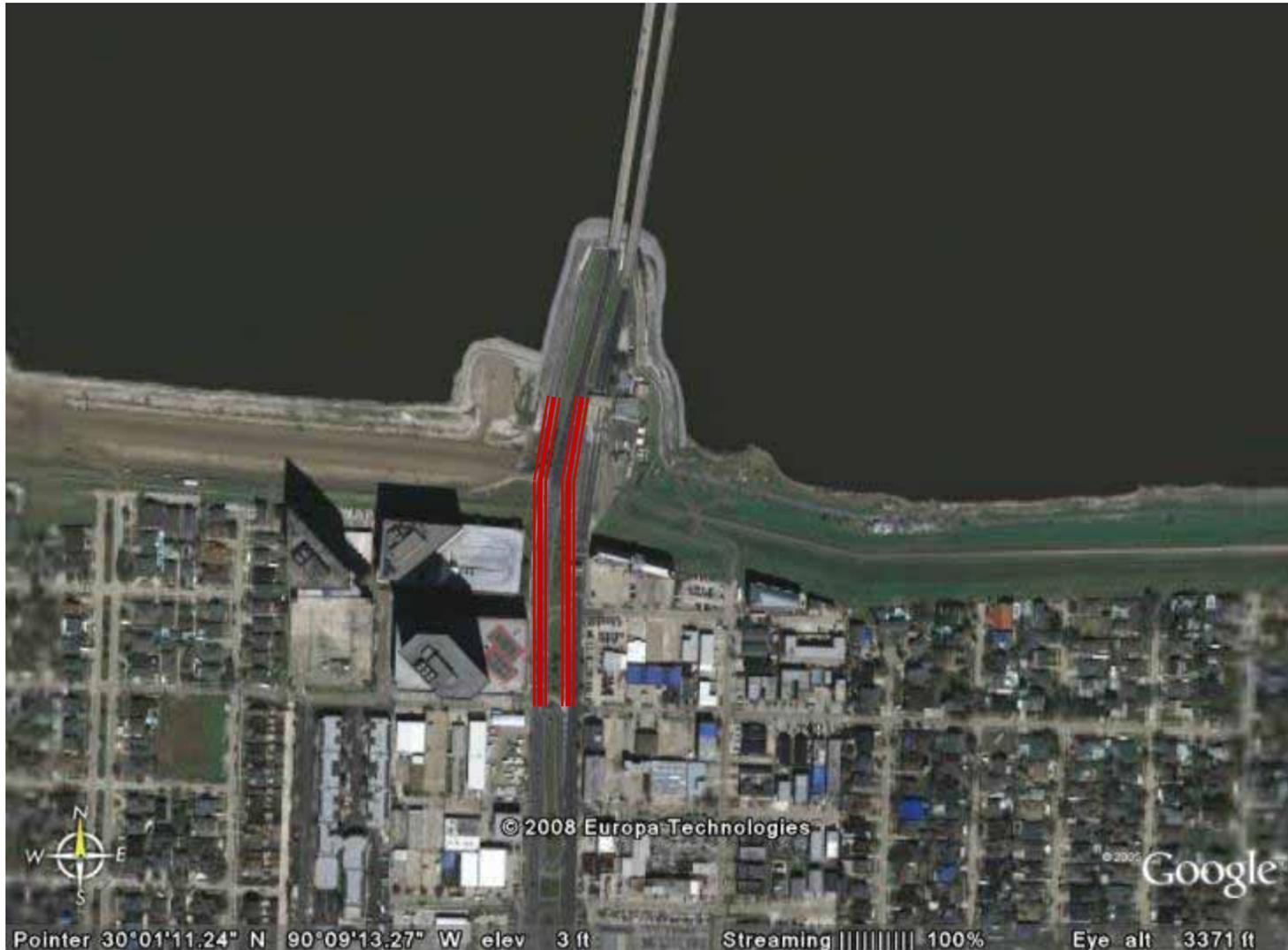
Causeway Levee Tie-in





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Causeway Levee Tie-in



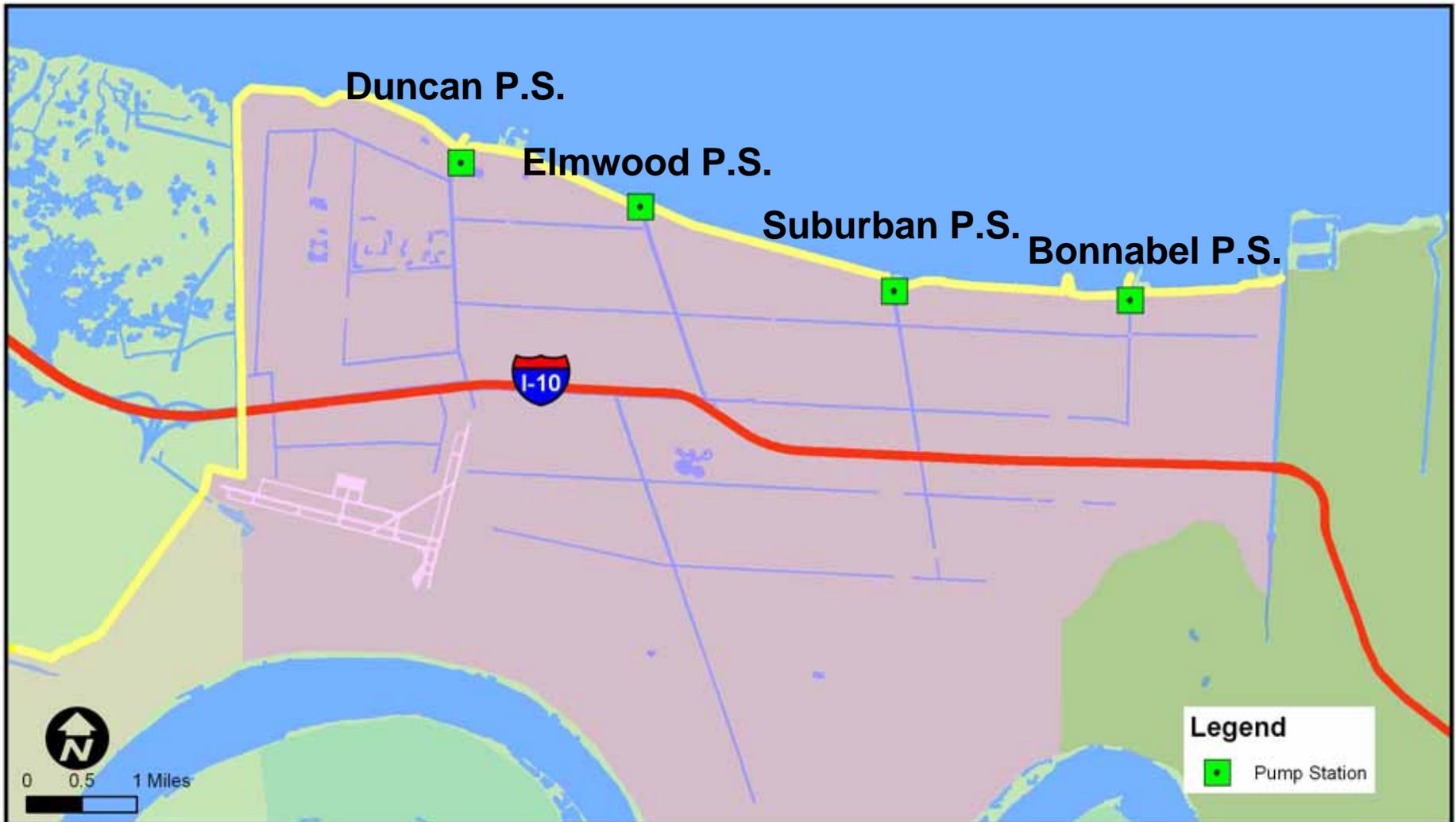
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Jefferson Lakefront Pump Stations





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Breakwater Suburban PS #2

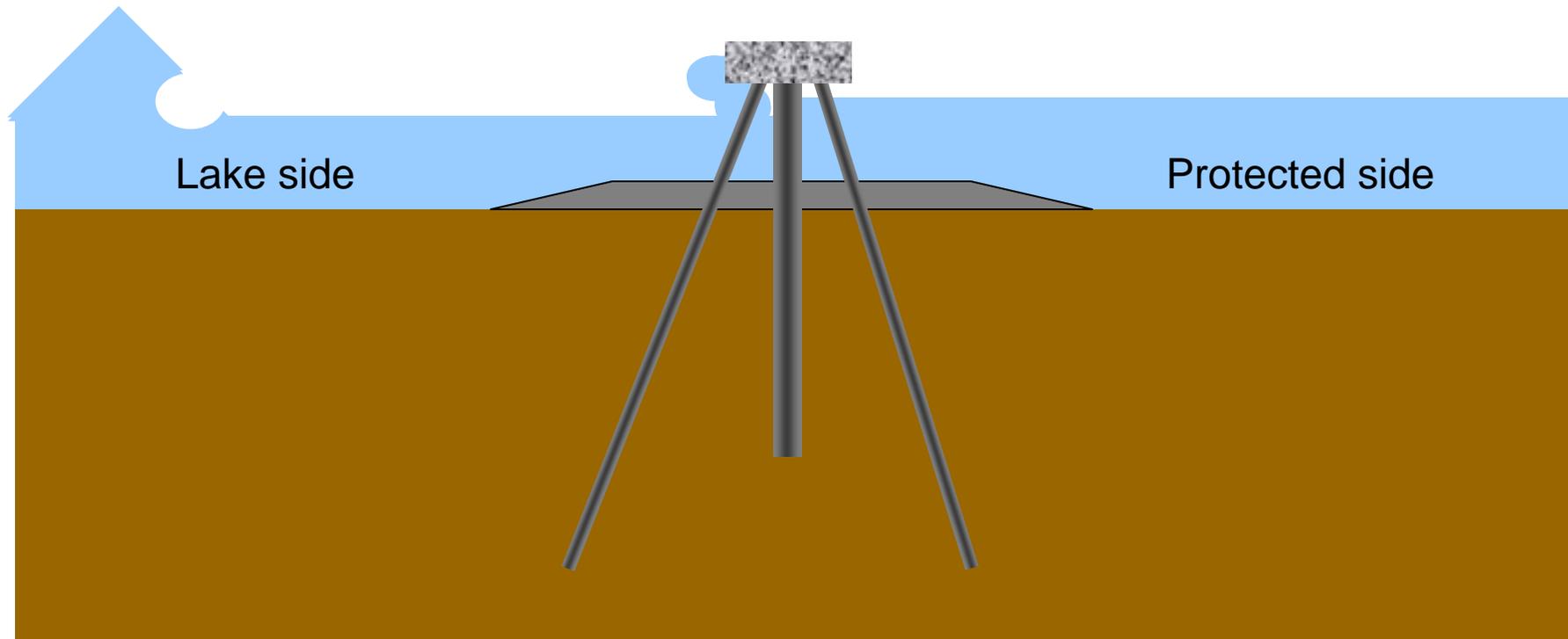


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Typical Section of Breakwater



Fronting Protection Elmwood PS #3

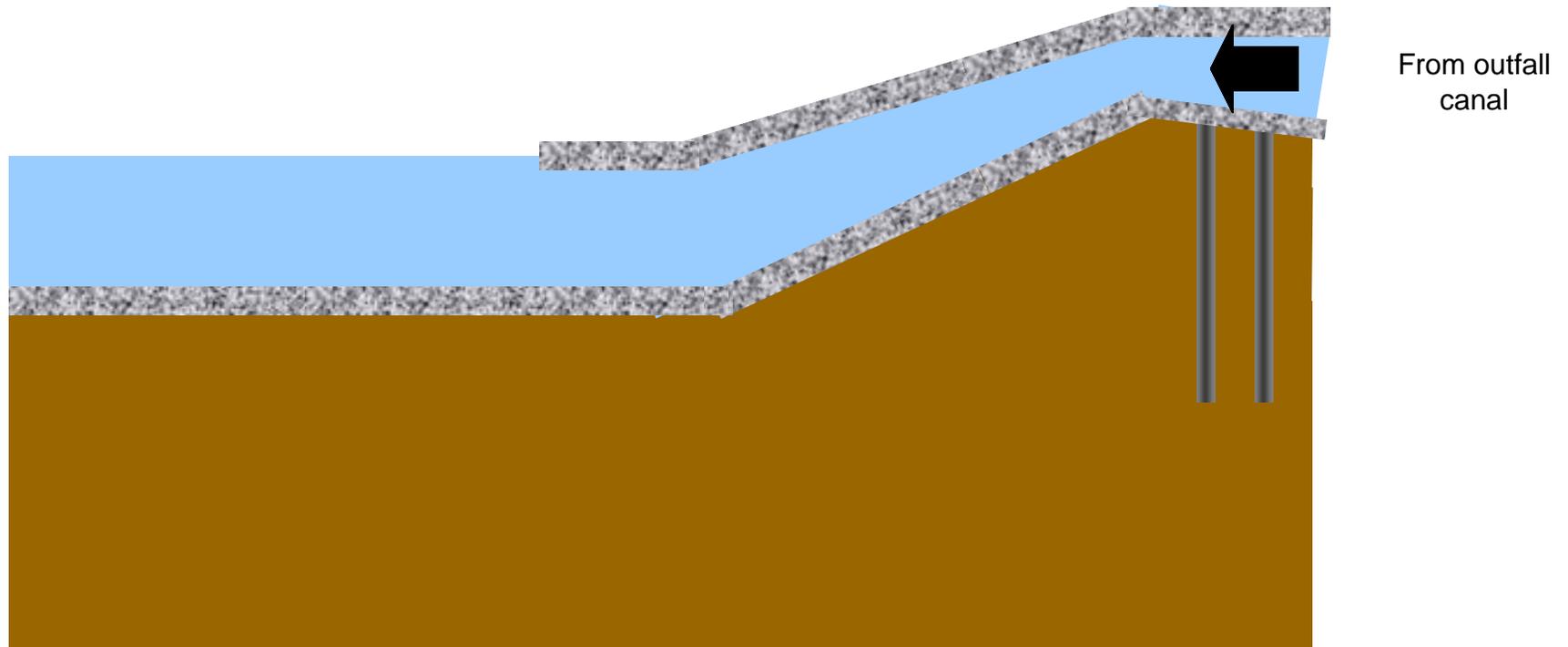




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Typical Fronting Protection Jefferson Parish Horizontal Pumps

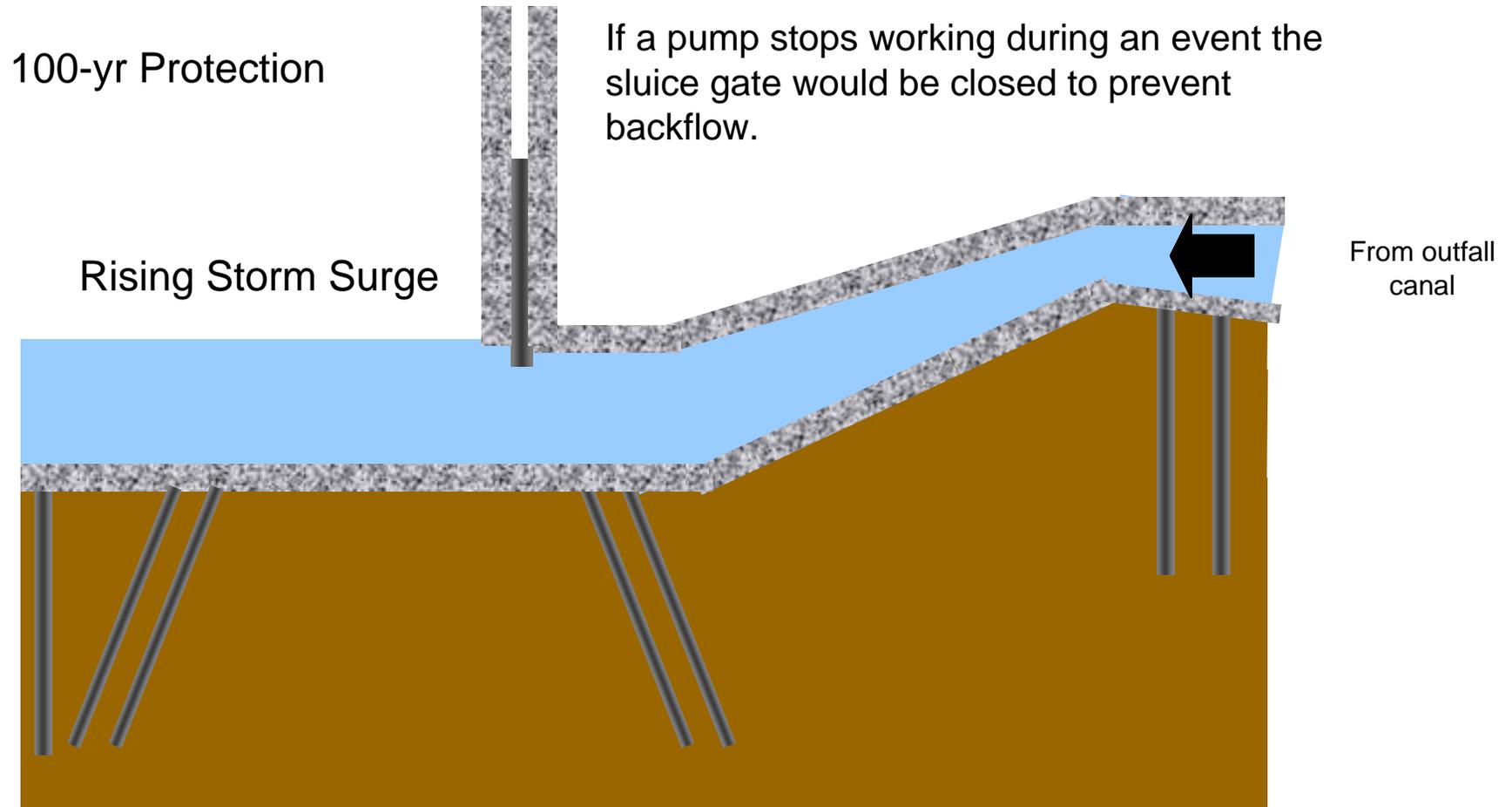
Current configuration





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Typical Fronting Protection Jefferson Parish Horizontal Pumps

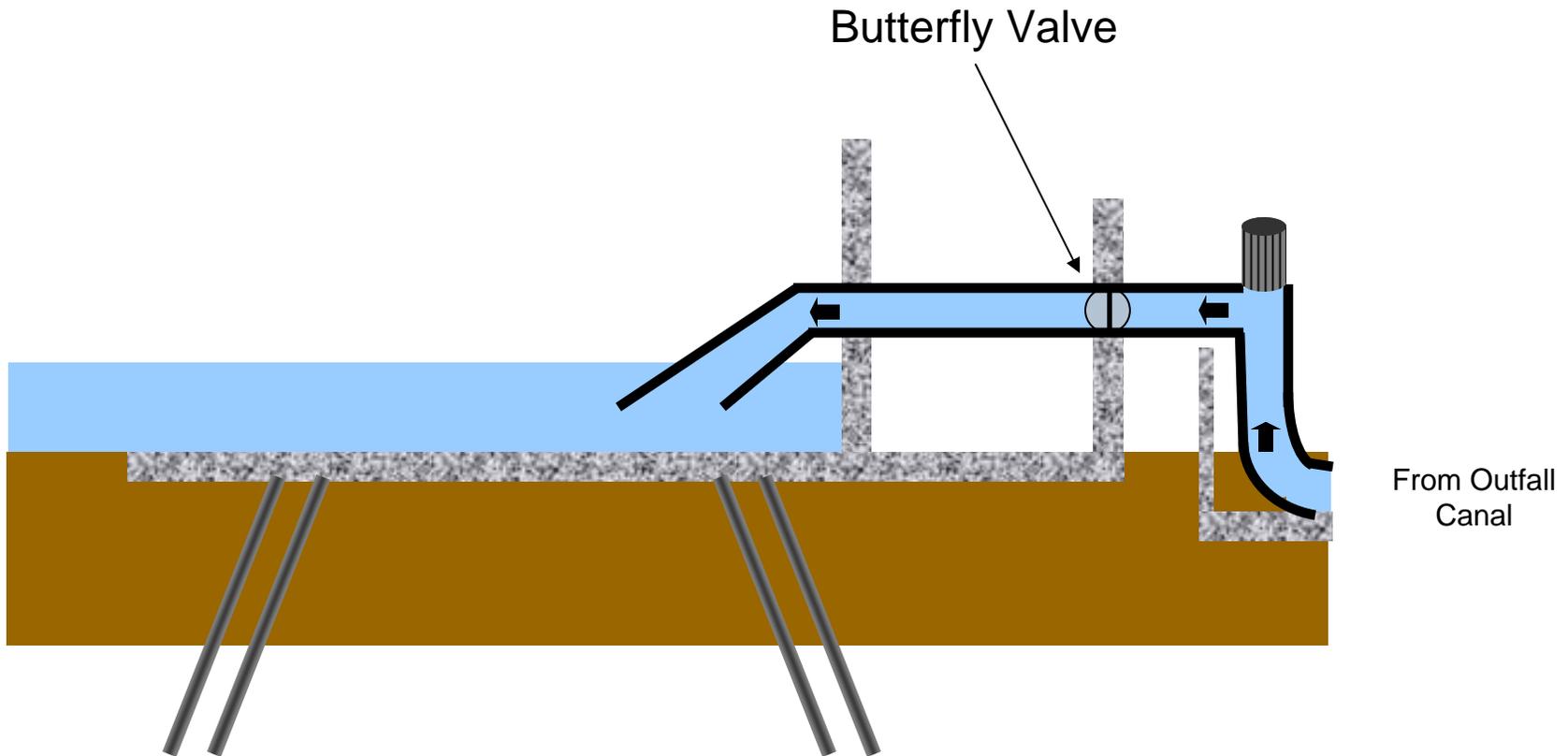




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Typical Fronting Protection Vertical Pumps

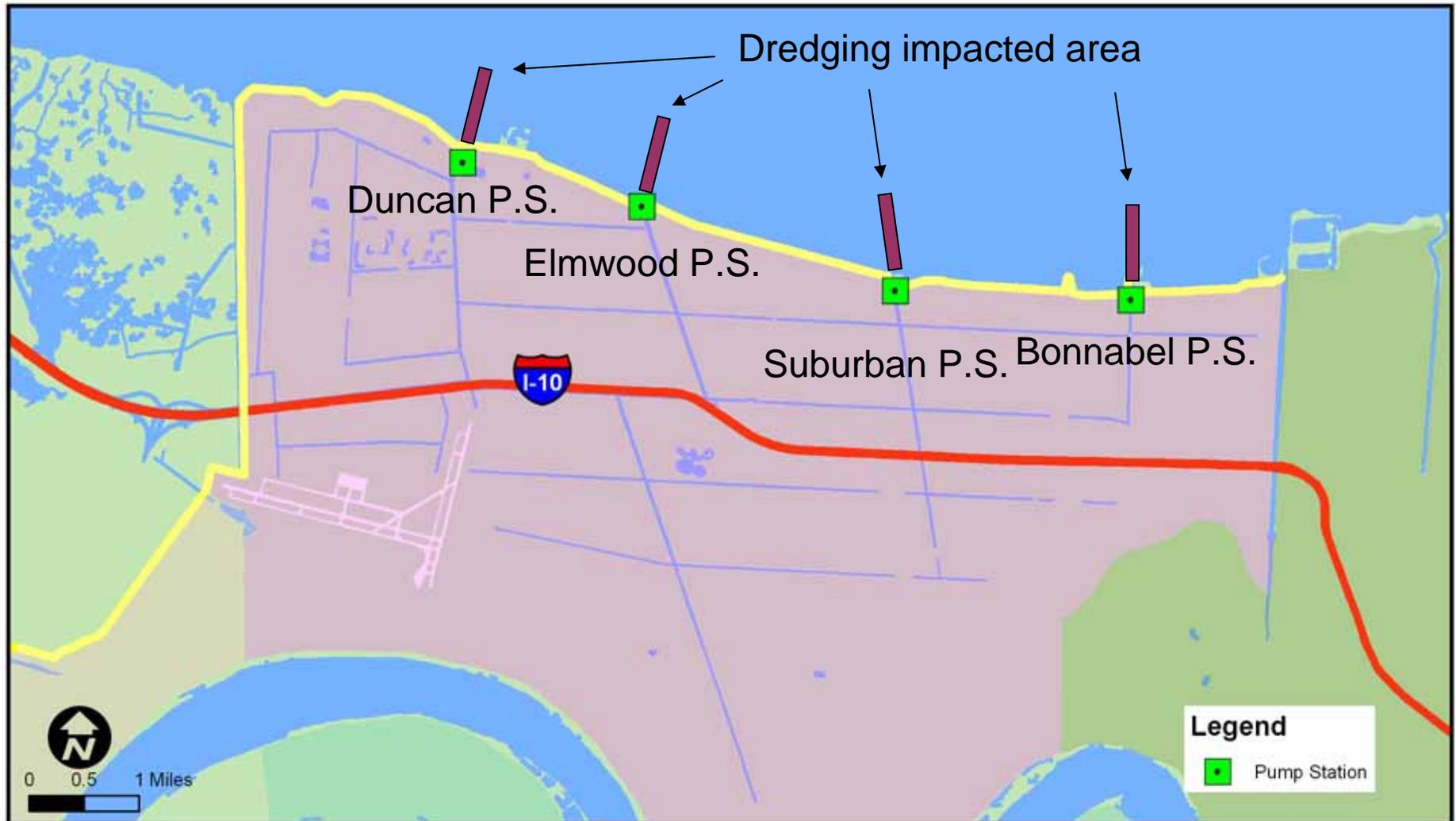
If a pump stops working during an event the butterfly valve would be closed to prevent backflow.





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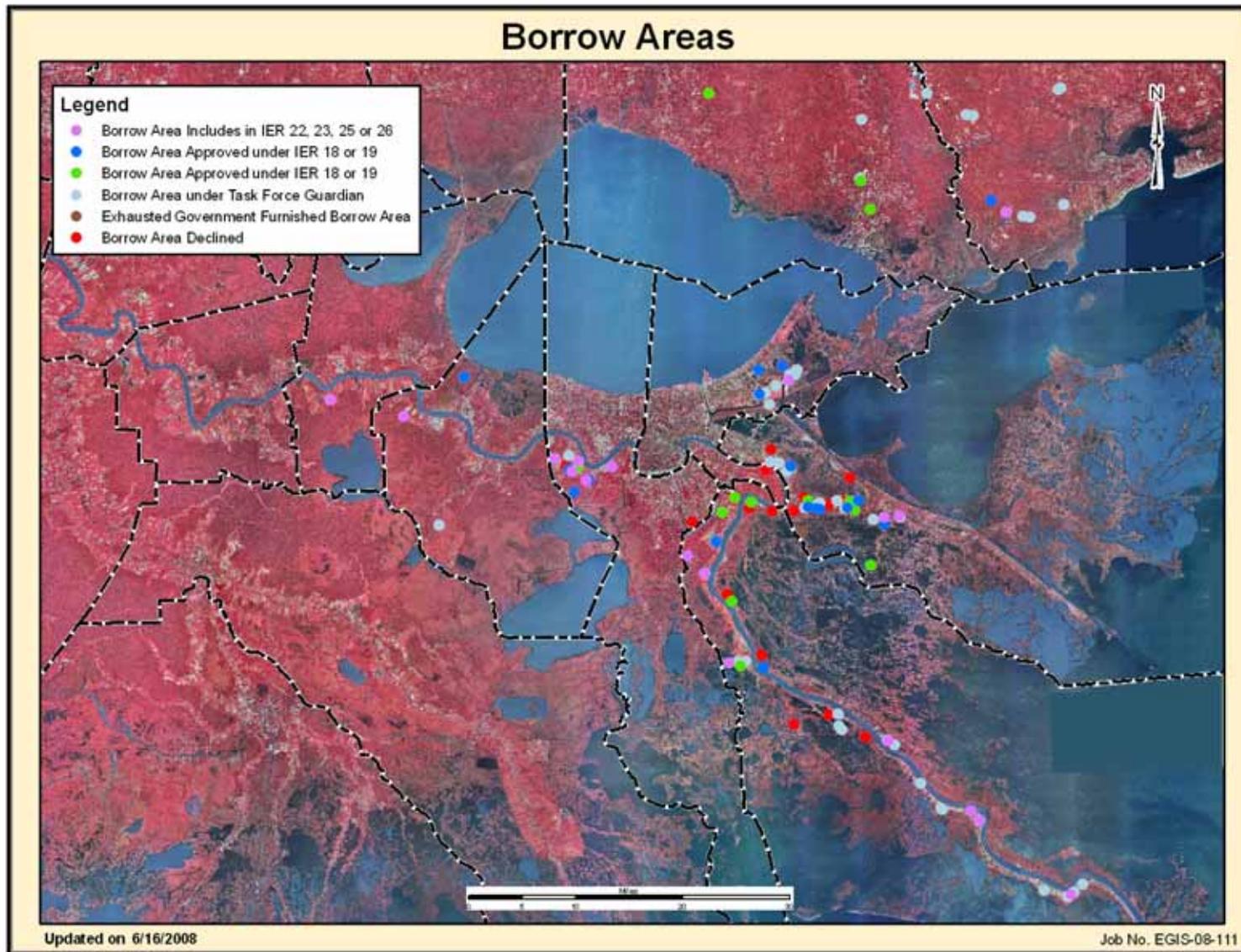
Dredging for Construction Access





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Investigated Borrow Sites – System Wide

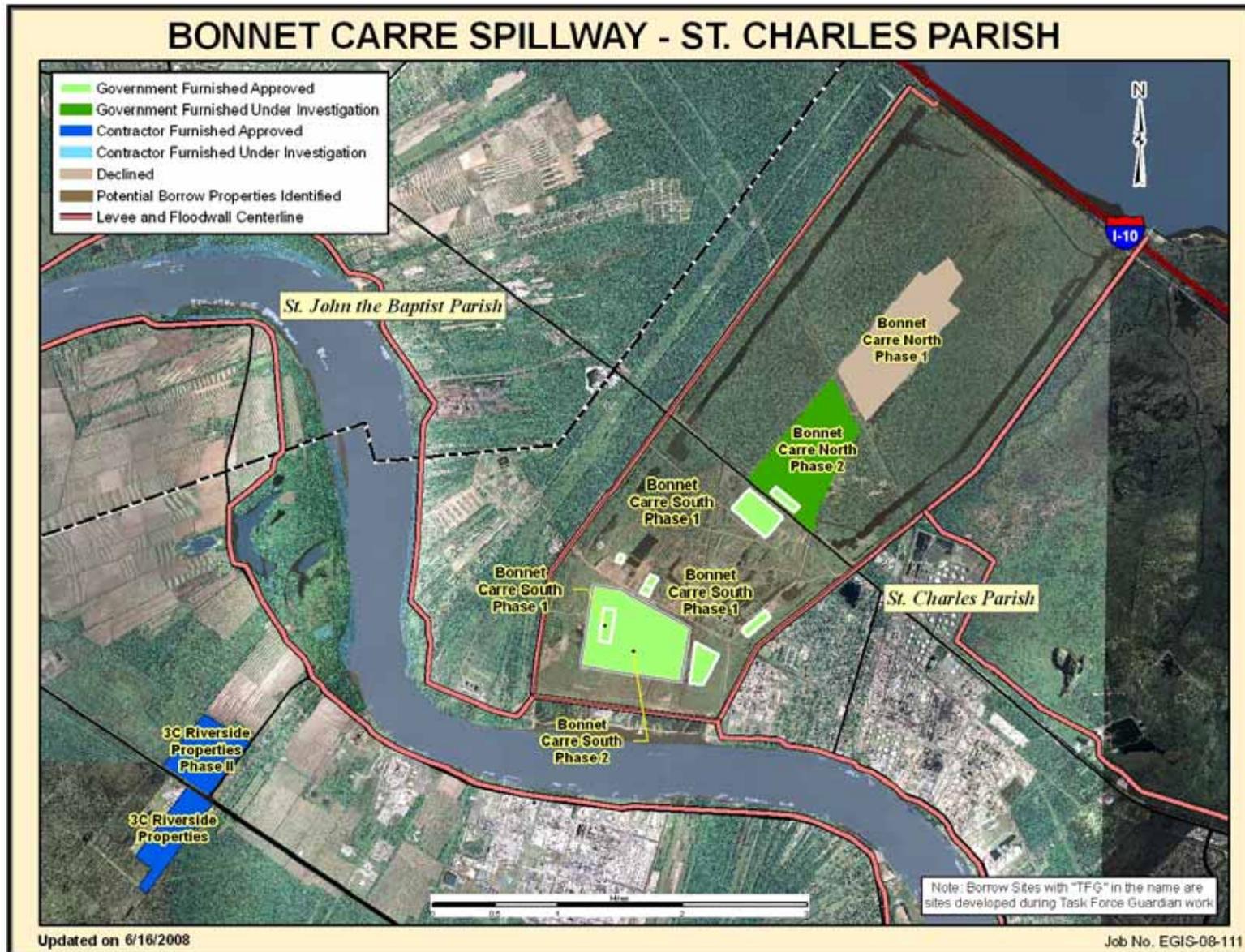


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IER 1, 2 and 3 Borrow Sources





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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

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[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. [Learn more...](#)

FEATURED PROJECT

USACE-MVN Emergency Alternative Arrangements
Greater New Orleans
Hurricane and Storm Damage
Risk Reduction System Projects

Announcements

- The Decision Record for [IER 15](#) has been signed by the District Commander
- [IER 2](#) - The Clean Water Act Section 404 Public Notice Comment Period 6/11 - 7/11
- Draft [IER 2](#) Public Comment Period Begins 6/11
- The Decision Record for [IER 1](#) has been signed by the District Commander
- The Decision Record for [IER 22](#) has been signed by the District Commander
- The Decision Record for [IER 23](#) has been signed by the District Commander ([News Release](#))
- The Decision Record for [IER 11](#) has been signed by the District Commander ([News Release](#))

Upcoming

- [06/17/2008 - Public Meeting \(IERs 1 2 3\)](#)
- [07/01/2008 - Public Meeting \(IERs 4 5 11 Tier 2\)](#)

[More...](#)

Newly Available

- Final IER 15 Lake Cataouatche Levee, Jefferson Parish, Louisiana
- [IER 2](#) - The Clean Water Act Section 404 Public Notice

[More...](#)

