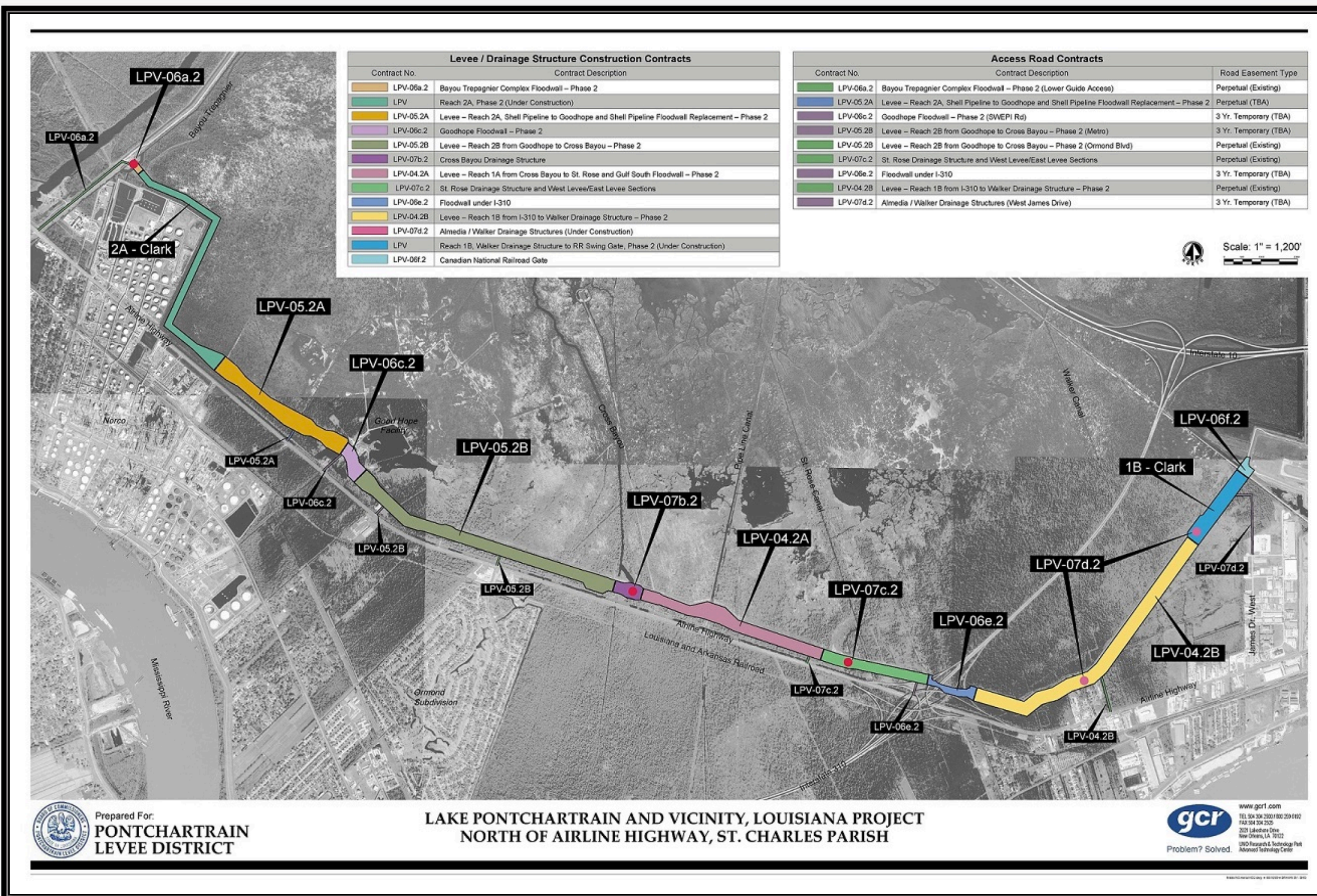
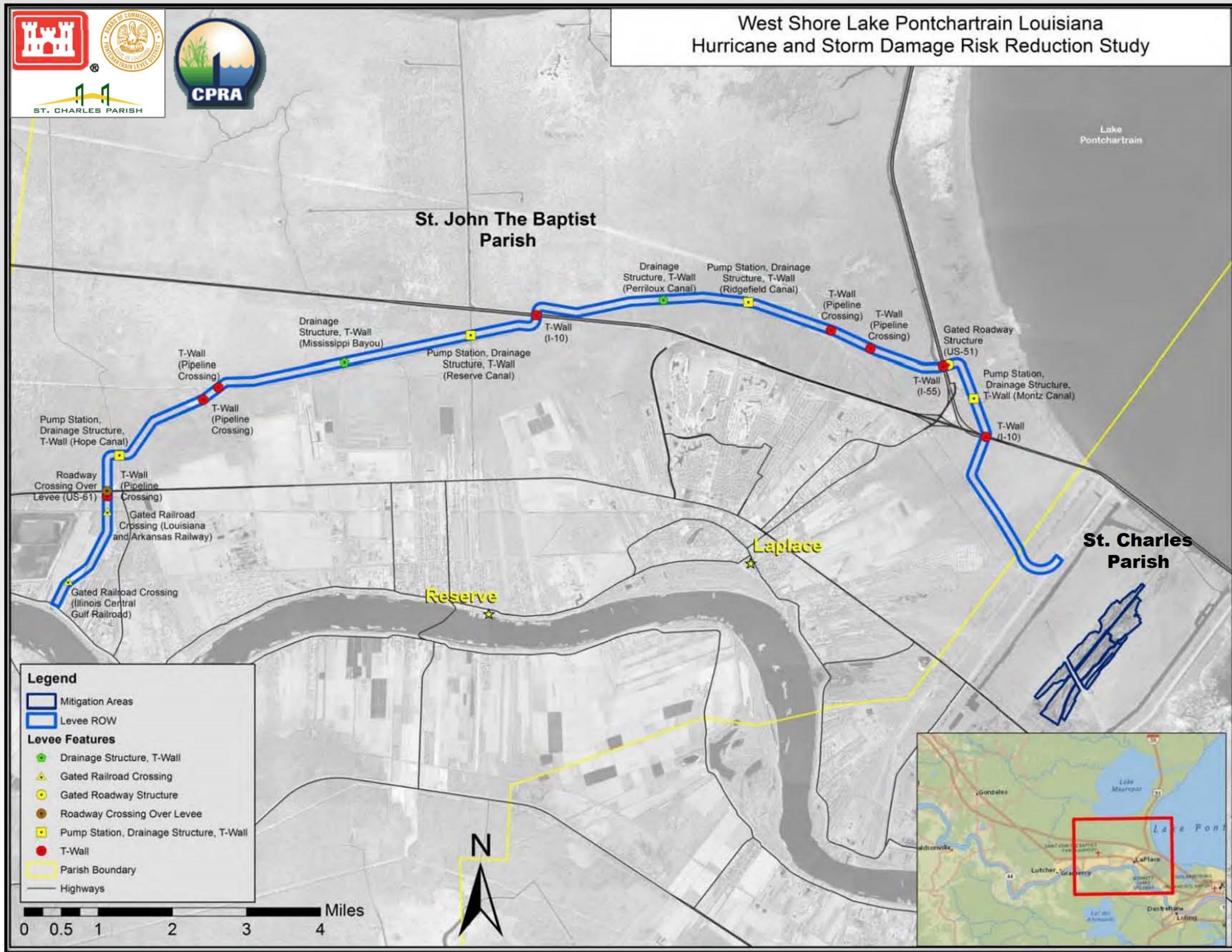


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The West Shore Lake Pontchartrain (WSP) project will provide risk reduction measures to address tropical/hurricane storm surge events in St. John the Baptist and St. James Parishes and Montz in St. Charles Parish.

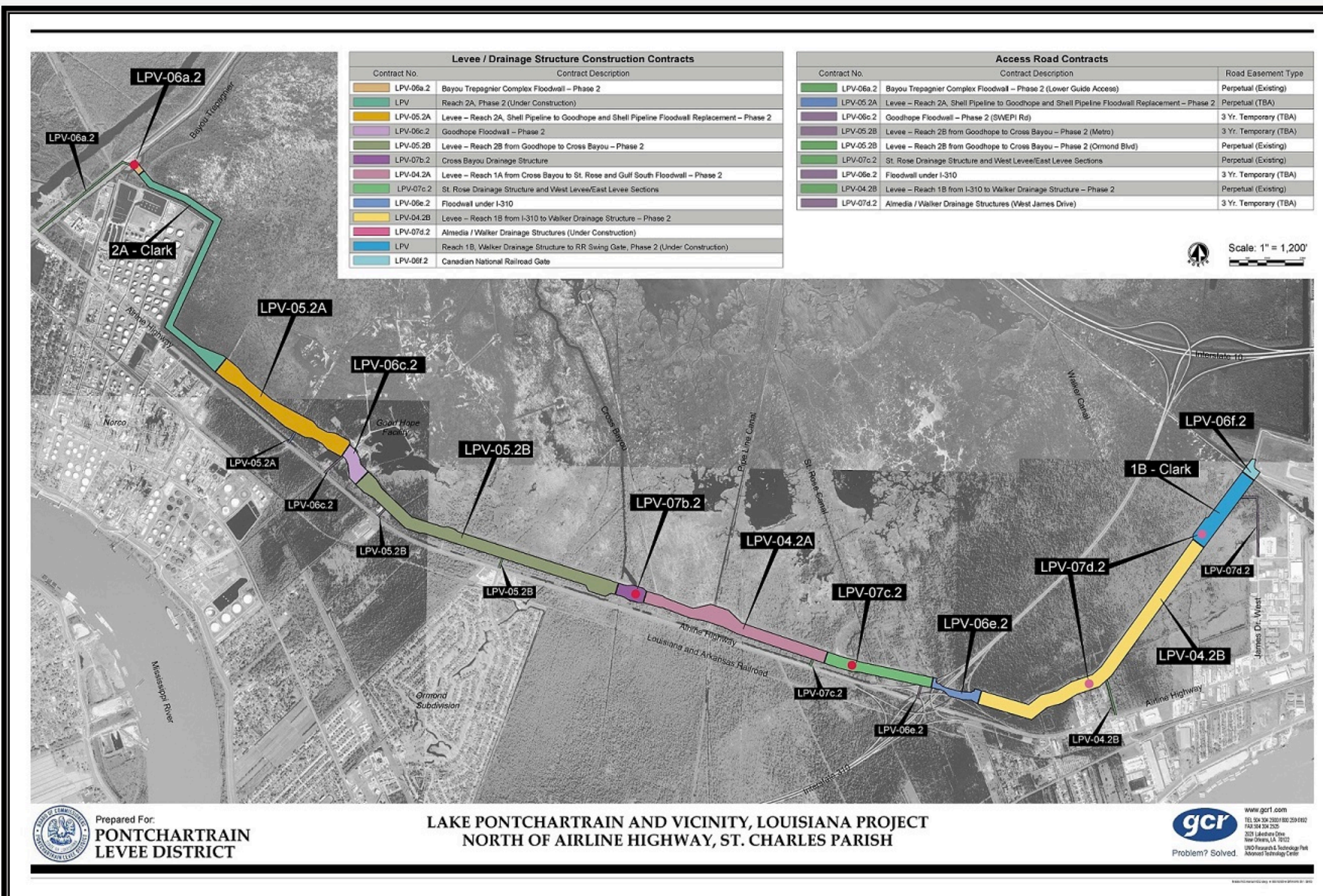


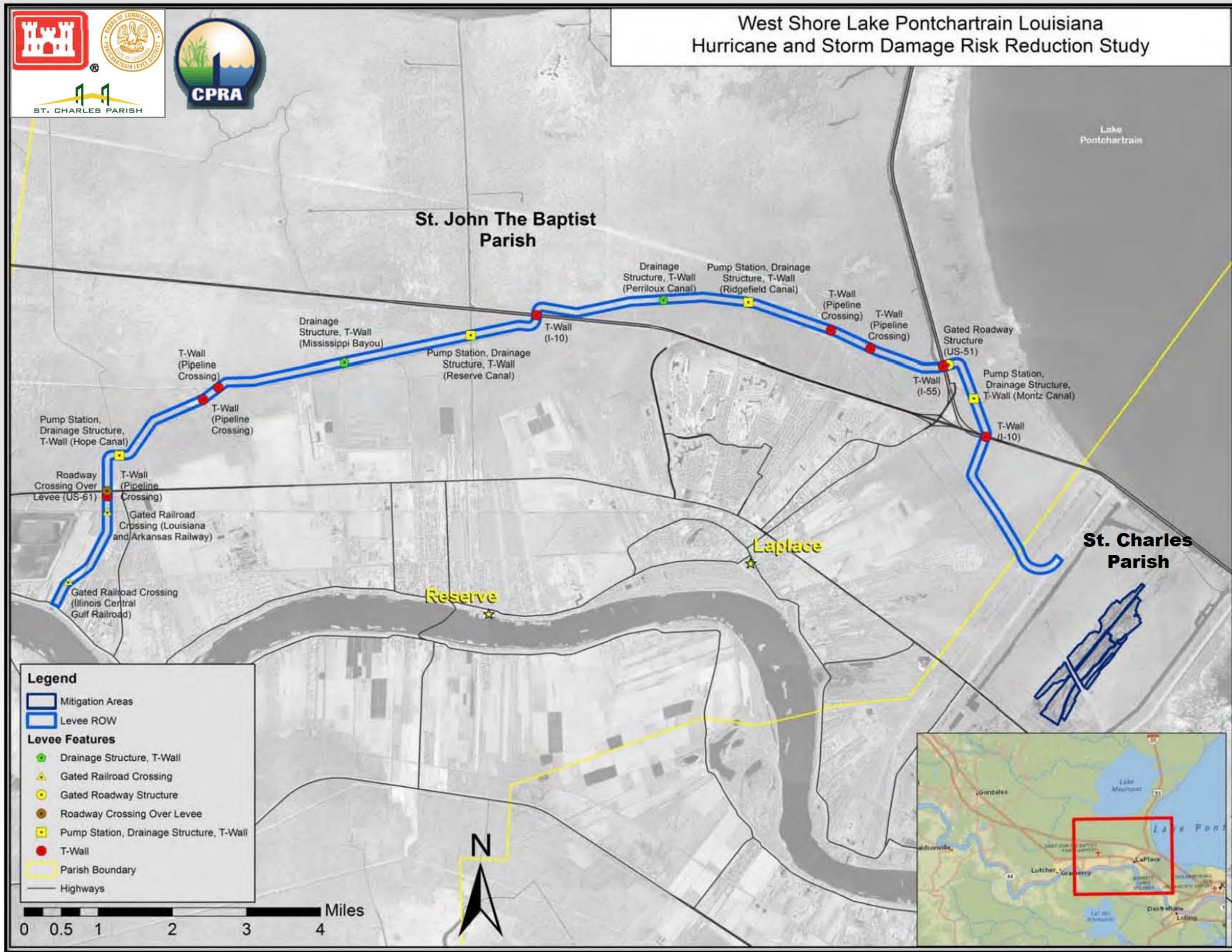


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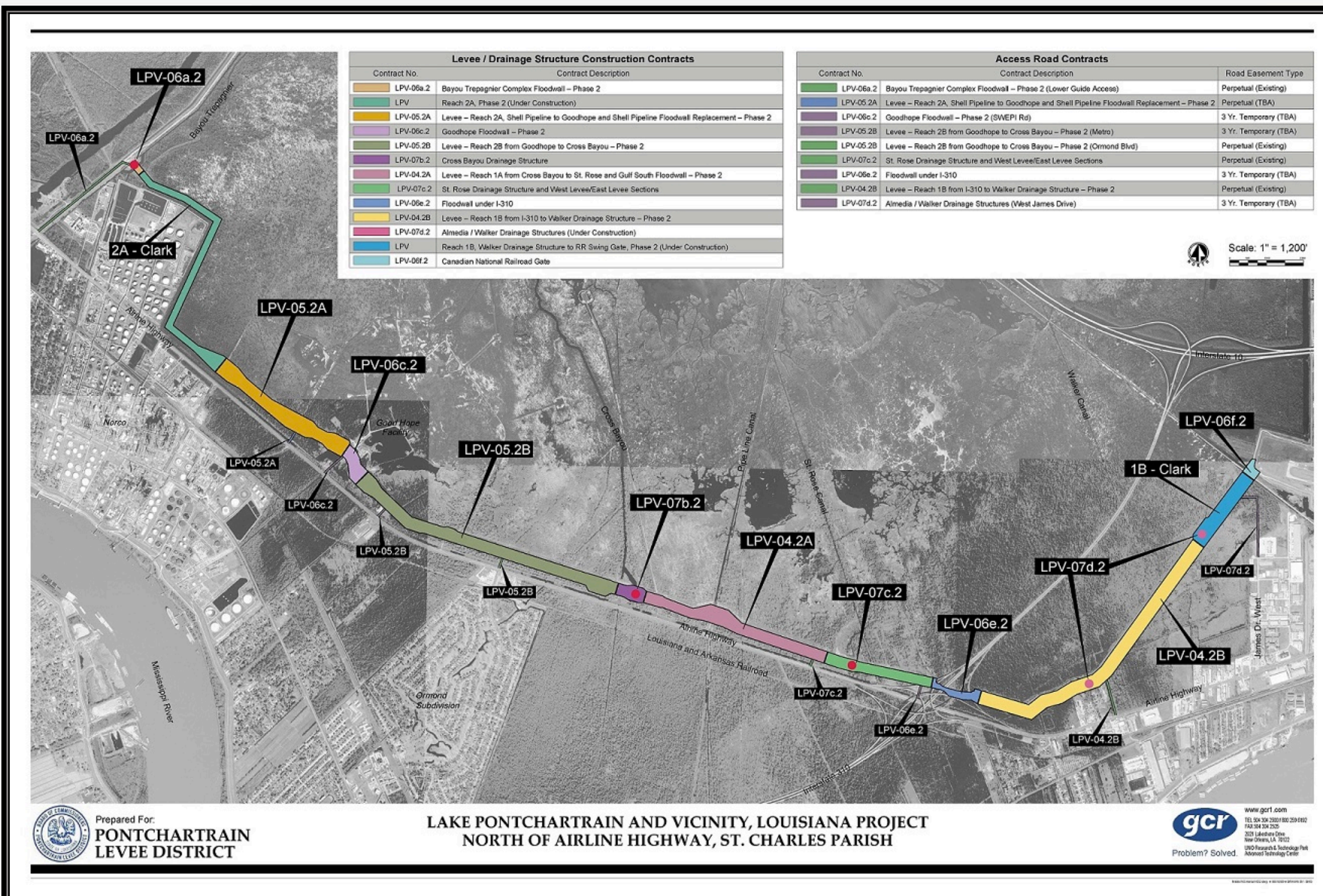




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## PROJECT DESCRIPTION

### PURPOSE

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### COST

Construction cost was \$18.8M.

- LaDOTD (7.3m)
- Pontchartrain Levee District (6.5m)
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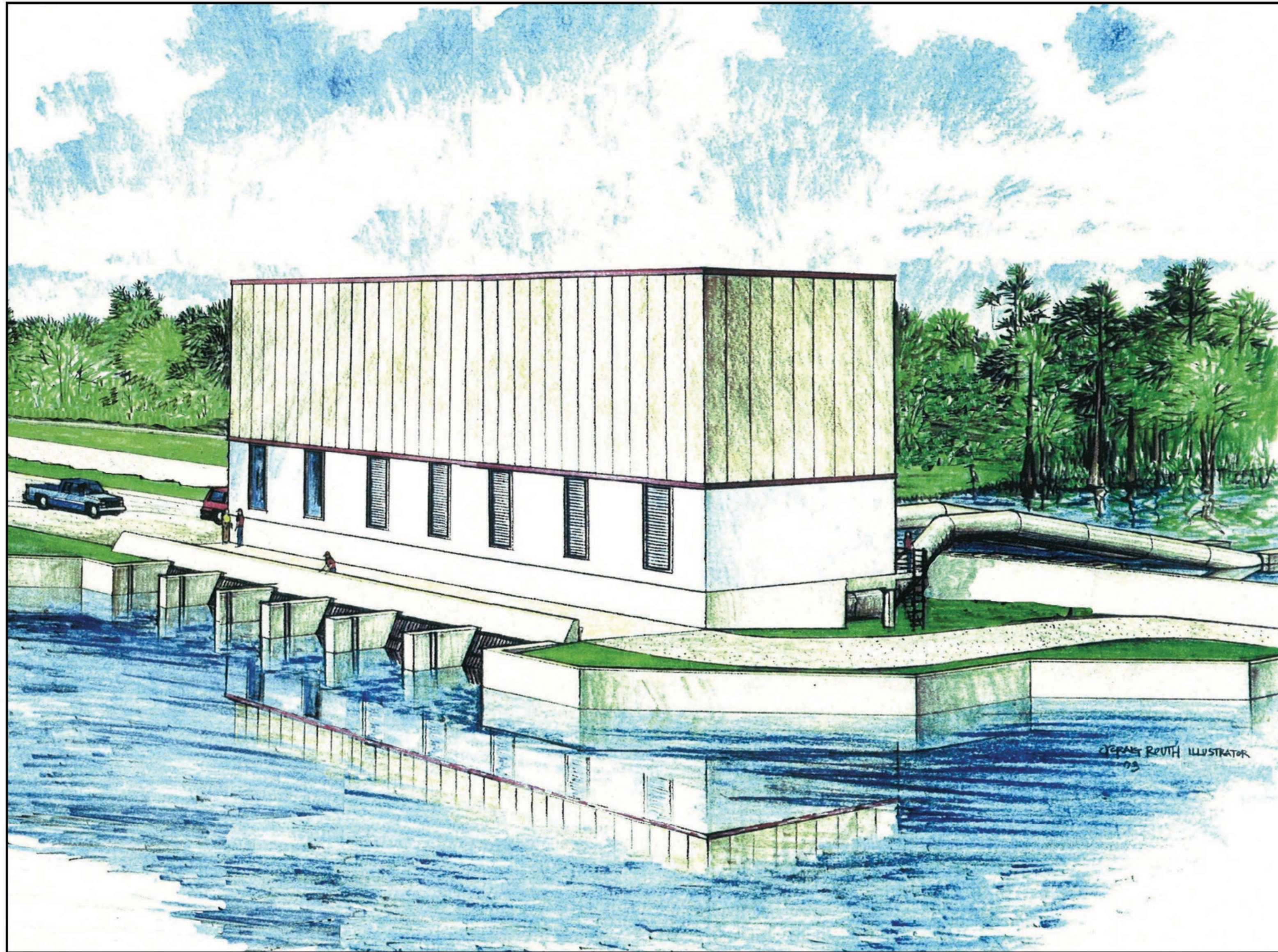


### VICINITY MAP



# CROSS BAYOU PUMP STATION

ST. CHARLES PARISH EAST BANK URBAN FLOOD CONTROL PROJECT



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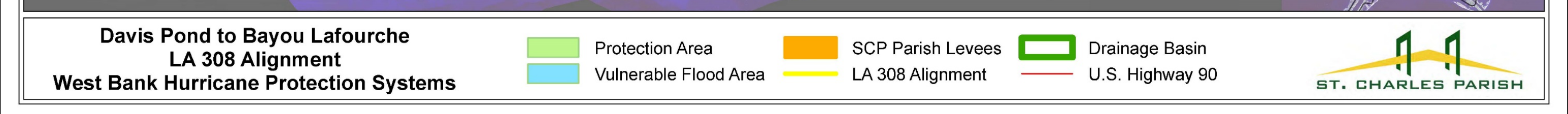
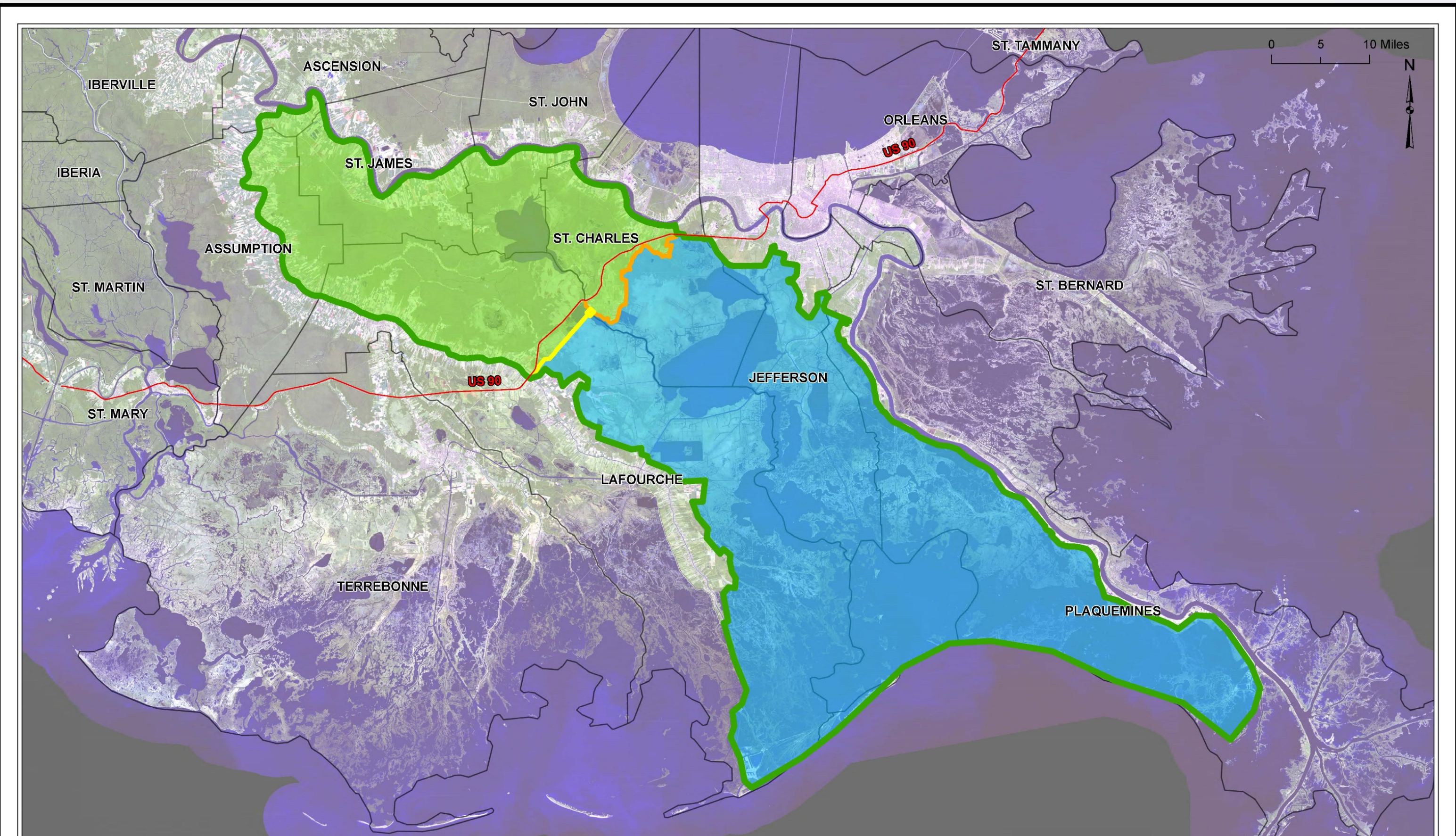
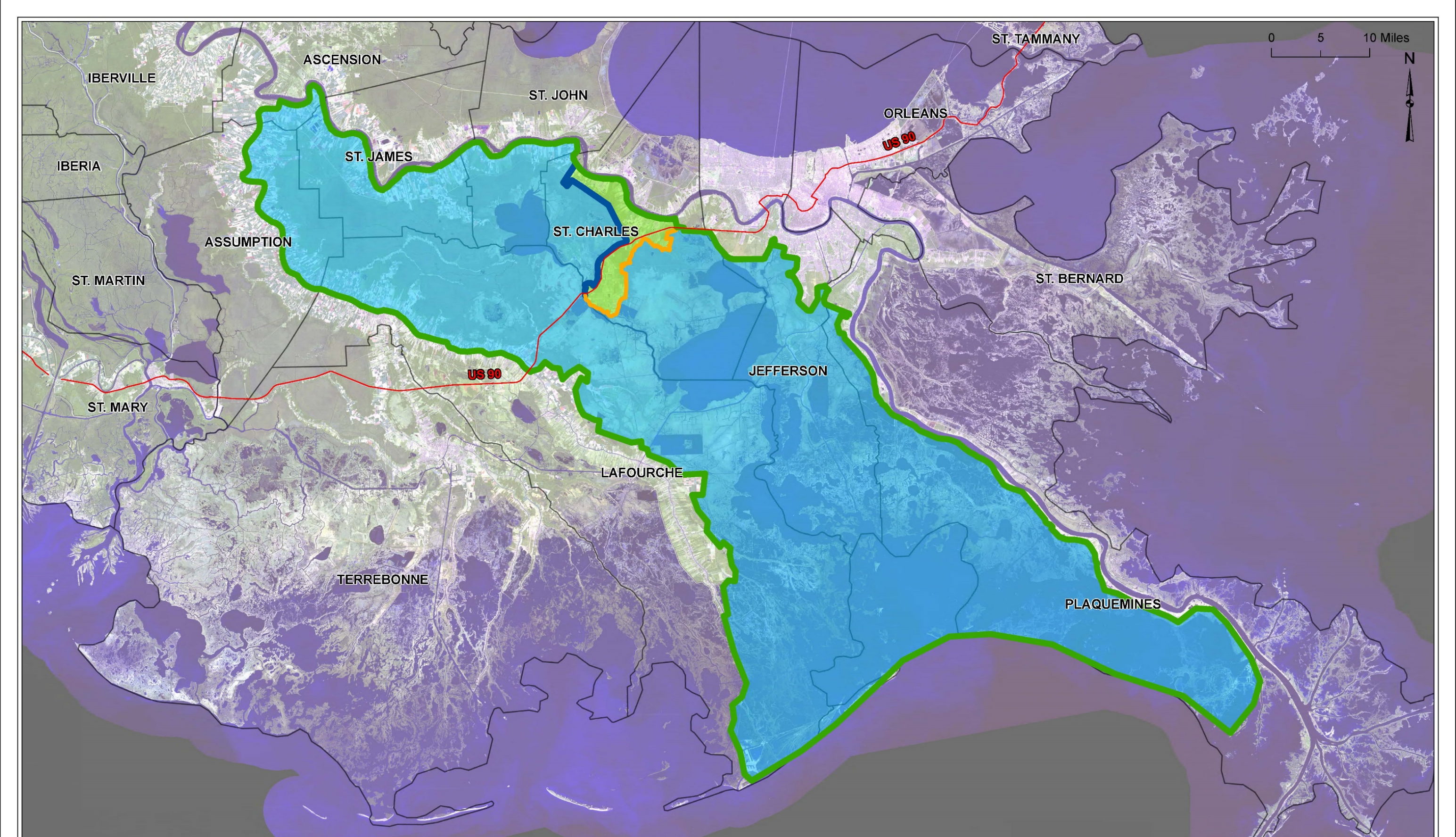
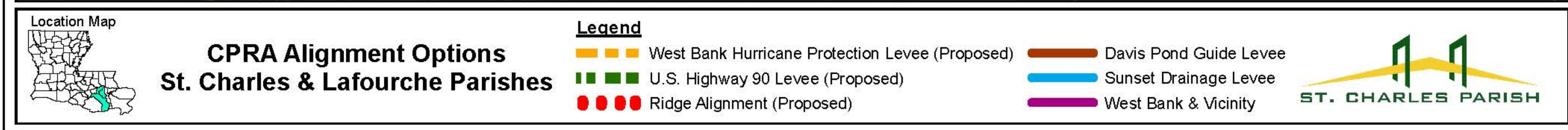
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The federal system on the West Bank protects Ama. Areas of St. Charles Parish such as Hahnville, Boutte, and Luling remain vulnerable.

## West Bank and Vicinity Structures





**Lafourche Basin Levee District  
Bayou Des Allemands Floodgate**



# Sunset Drainage District Levee Maintenance

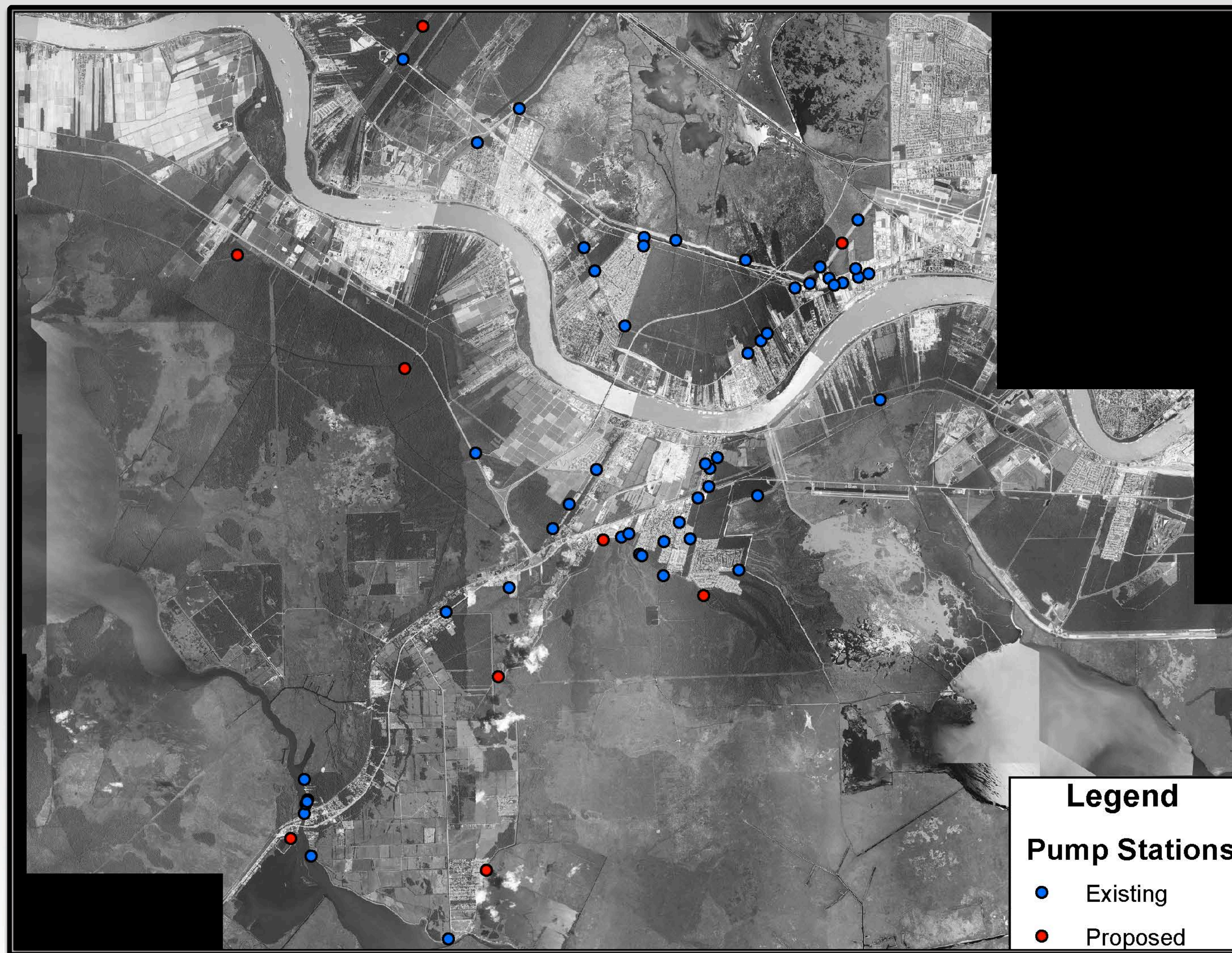
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# Willowridge Levee Construction





## Maintenance of Critical Parish Wide Infrastructure

Public Works Maintains and Improves Critical Parish Wide Infrastructure: Roads, Storm Water Pumping Network, and Grass Cutting of Parish Property and Rights-of-Way.

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- 390 miles of drainage ditches/subsurface drainage
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Since 2002, Public Works has been able to finance the maintenance and improvements to our drainage system as well as serve as the Parish's financier in the event of a major storm using a surplus. **That surplus will run out in 2015.**

### Annual Operating Costs

General Operation and Maintenance Costs (Oil changes, Fuel, minor repairs, utilities etc.)	\$2.54 M
Annual Materials Accrual Needed	\$2.84 M
Personnel Costs	<u>\$2.28 M</u>
<b>Total Annual Operating Costs</b>	<b>\$7.66 M</b>

### Annual Materials Accrual

PUMP SIZE	TOTAL PUMPS	REPLACEMENT FREQUENCY	ANNUAL ACCRUAL COST
20"	5	1 every 5 years	\$70,000
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72"	2	1 every 10 years	\$179,775
<b>Annual Pump Accrual Cost Total</b>			<b>\$1,602,275</b>
<b>Other Accrual Costs Total</b>			<b><u>\$1,238,000</u></b>
<b>Total Annual Accrual Cost</b>			<b>\$2,840,275</b>



## PROJECT DESCRIPTION

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LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

PONTCHARTRAIN LEVEE DISTRICT



MOTIVA

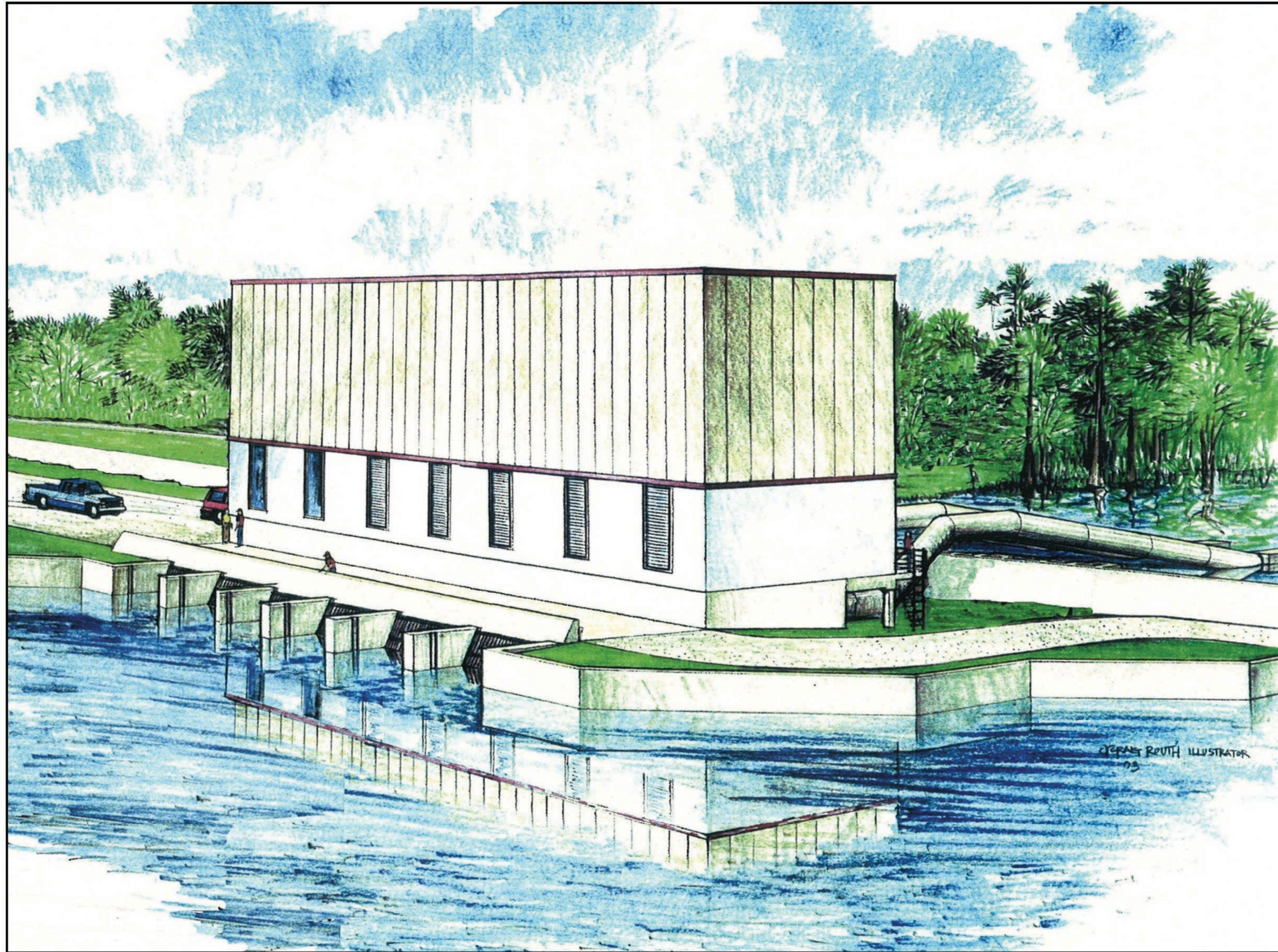
SHELL

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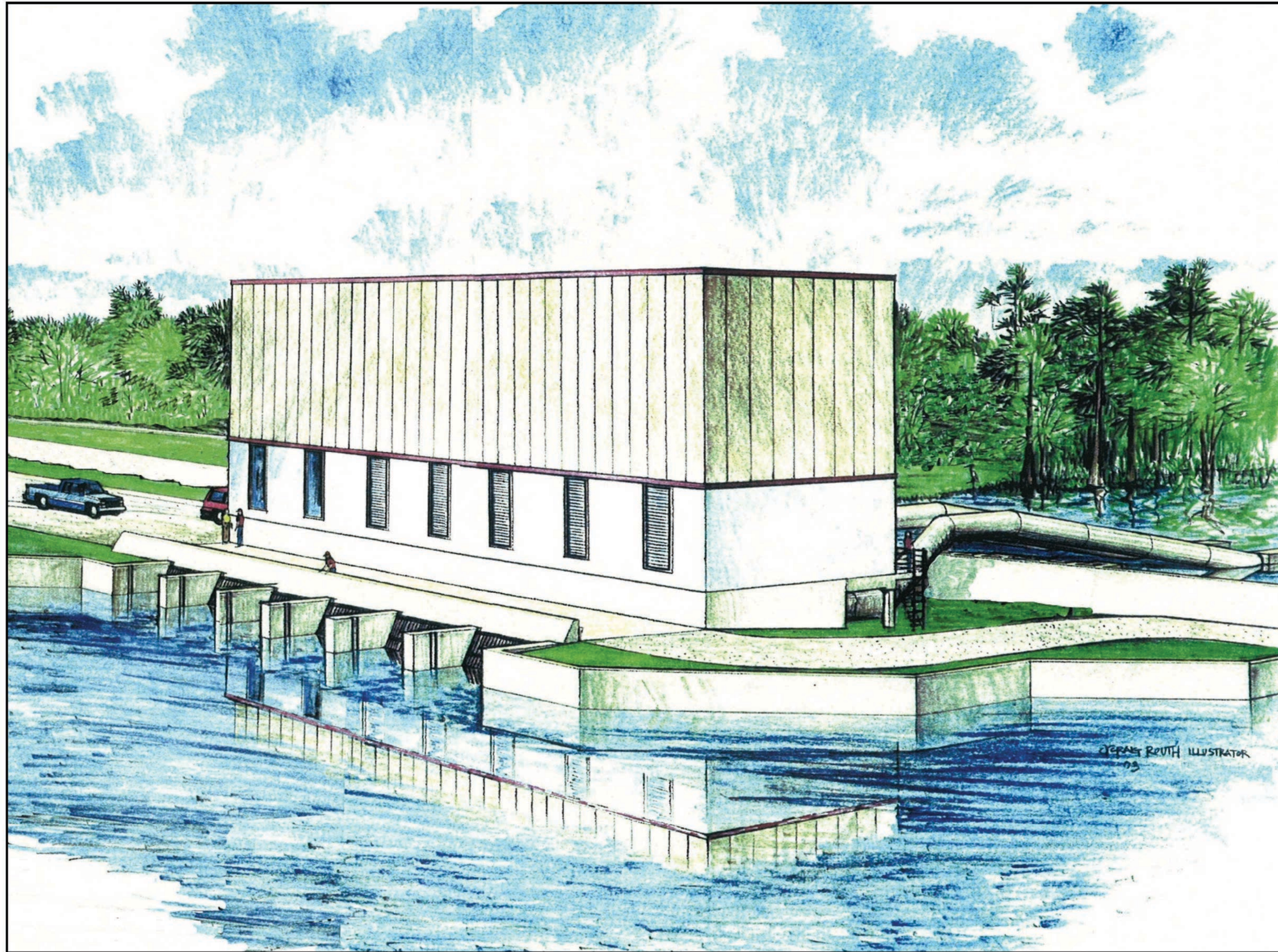
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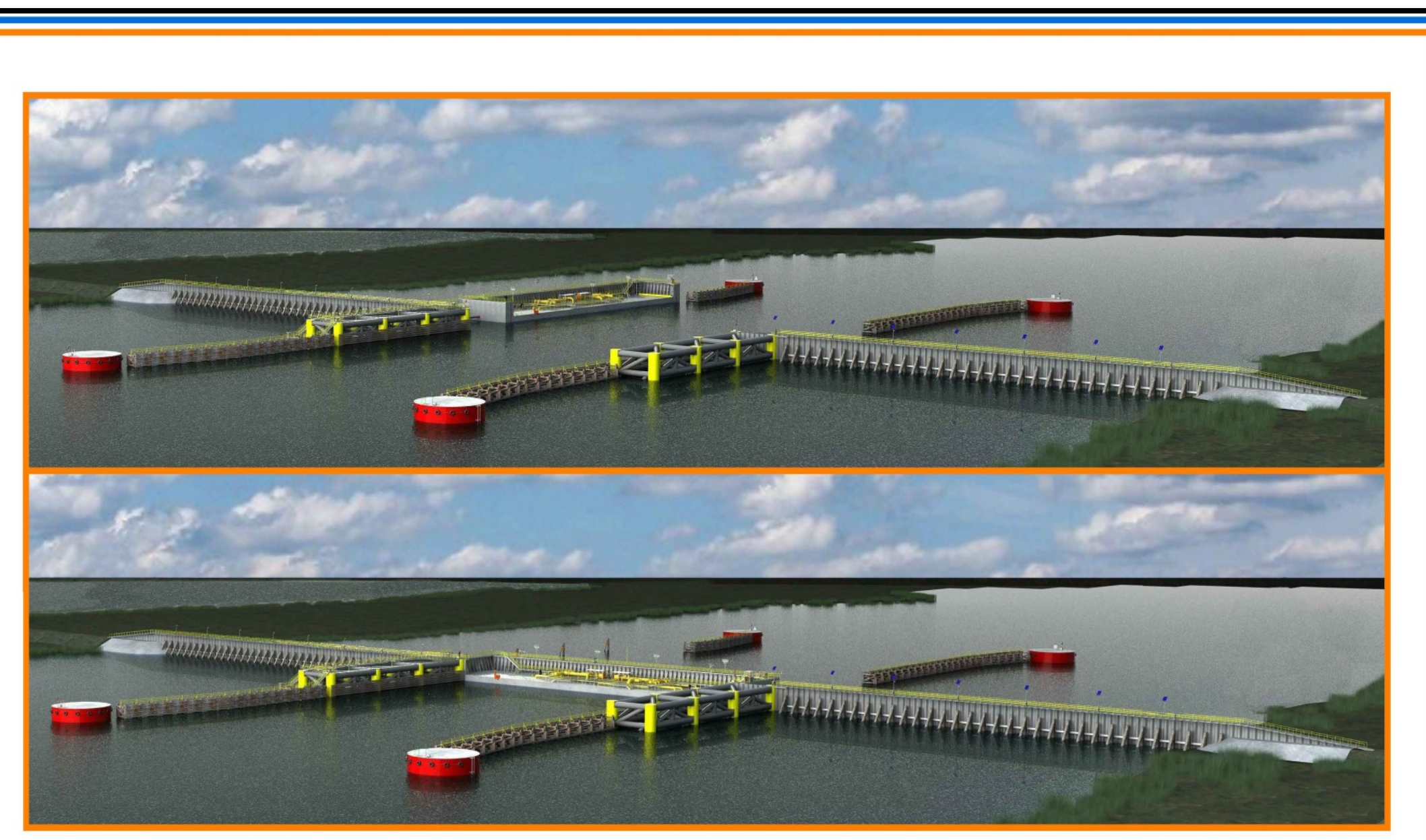
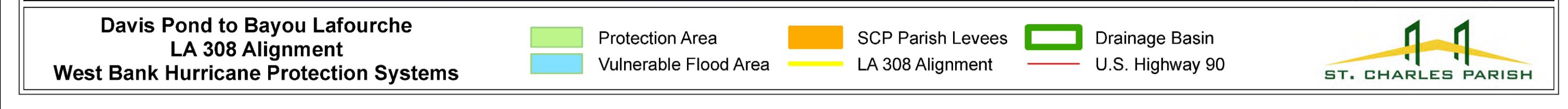
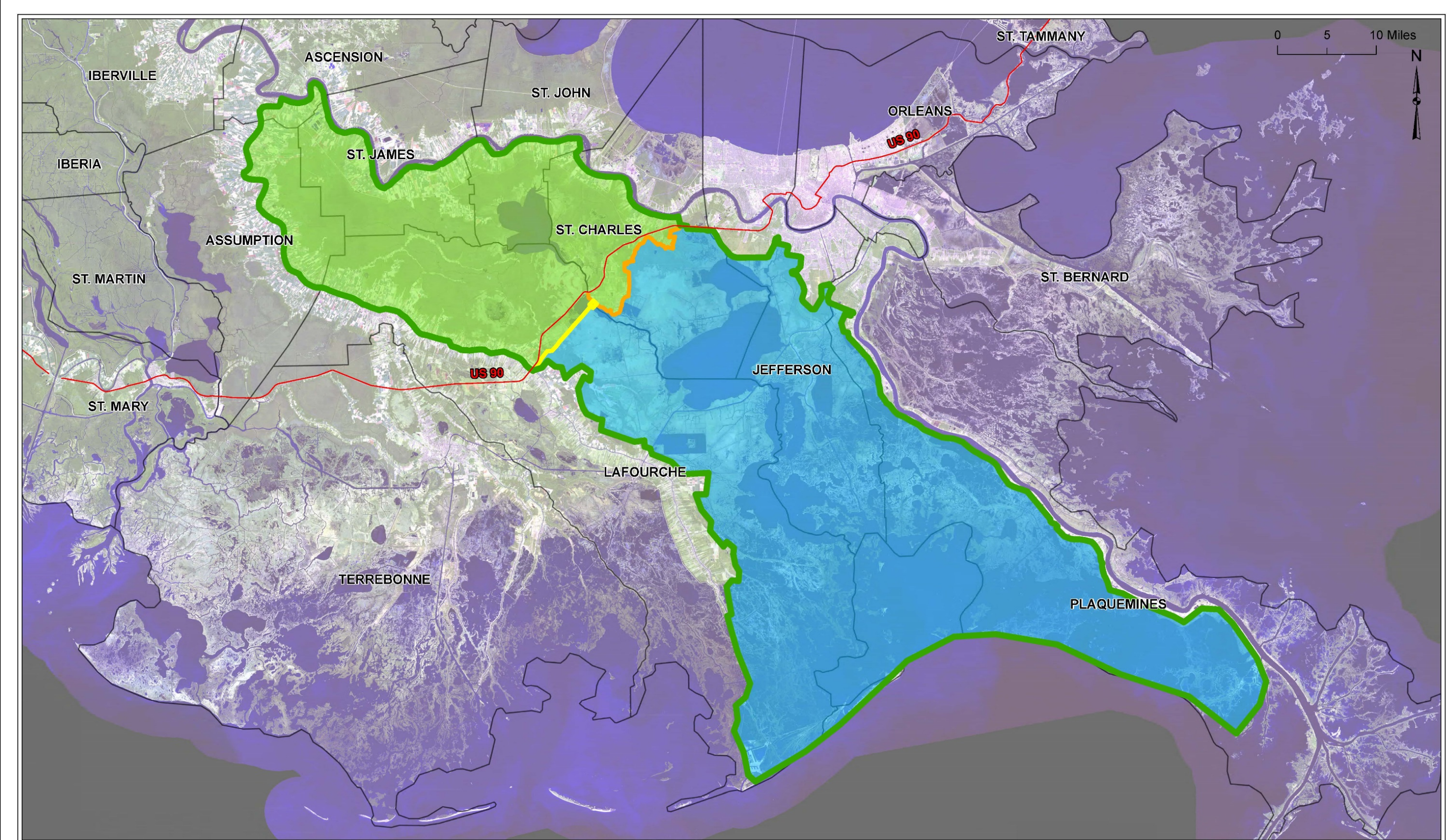
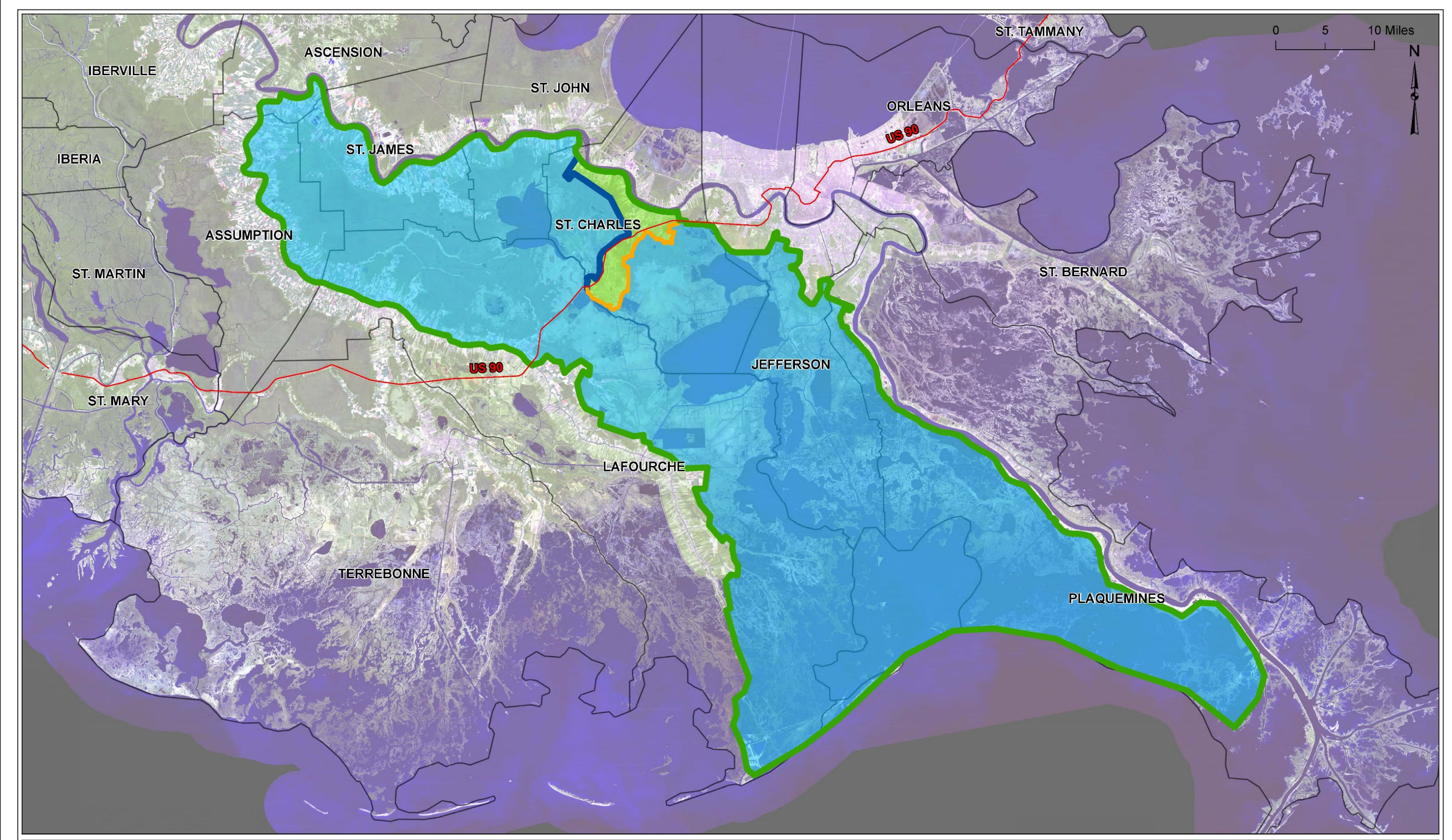
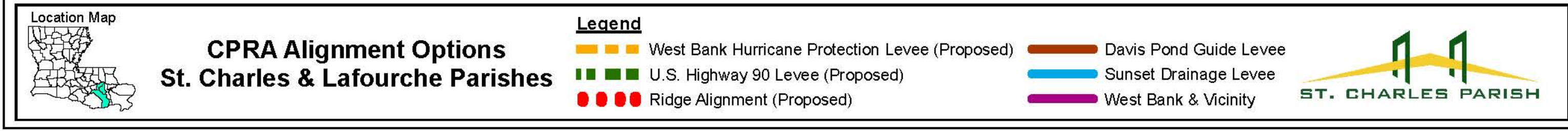
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Bayou Des Allemands Floodgate**

Shaw's Shaw Coastal, Inc.



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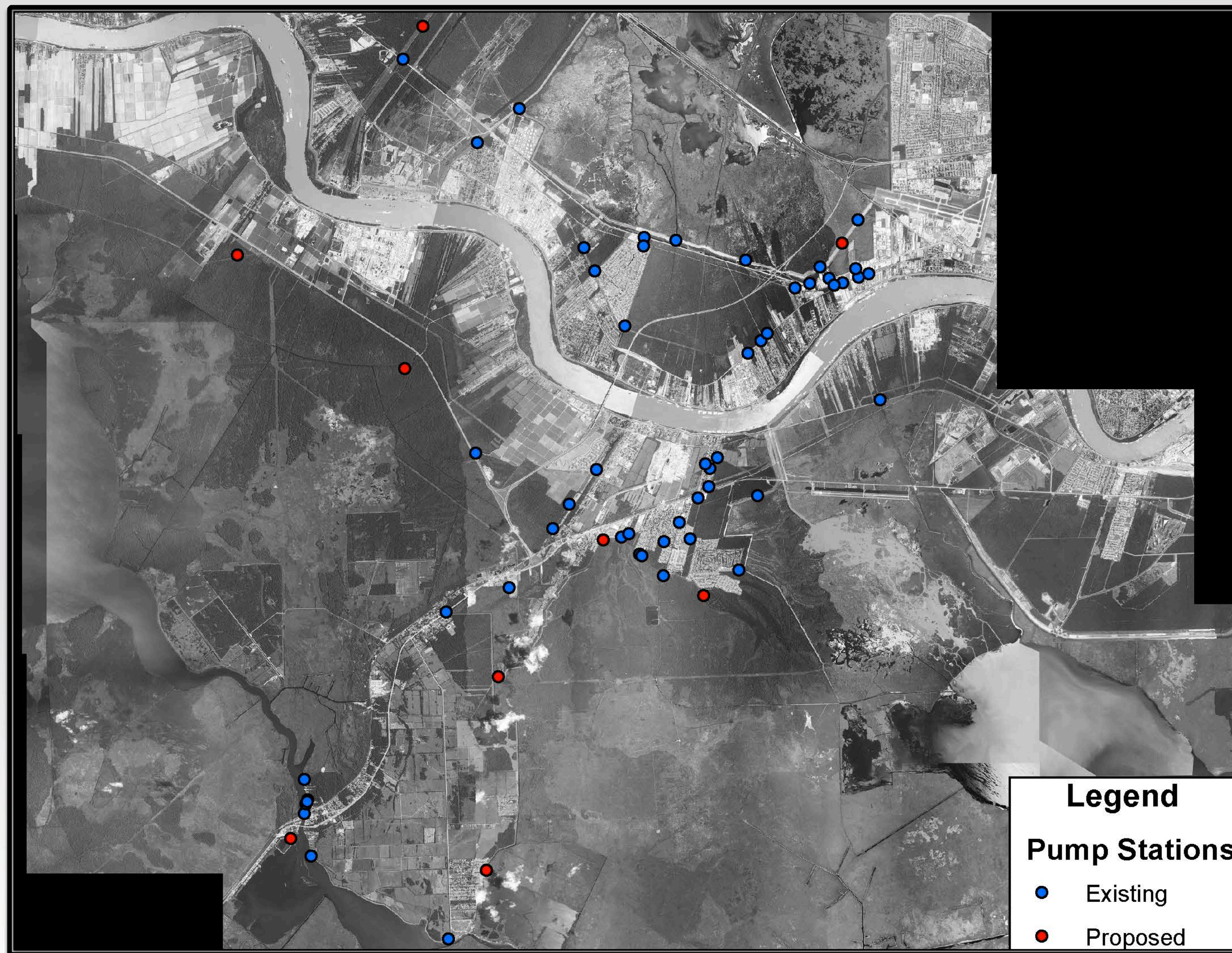
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