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COASTAL MITIGATION PROJECTS

August 31, 2009
Timothy P. Doody
President

SLFPA-E

Proposed Mitigation Projects



Lake Pontchartrain Shoreline Restoration and Protection

- Develop strategies to prevent future storm-surge erosion and protect the levees.
- Re-establish the native wetlands to trap sediment and protect the shoreline.
- Preserve the indigenous wildlife and provide refuge.
- Create circulation throughout the lakefront
- Develop a program that allows for education and recreation.

Meets Mitigation Needs

- 178 Acres of Impacts
- Approx 500 Acres Mitigation
- Adjacent, In-kind and Sustainable

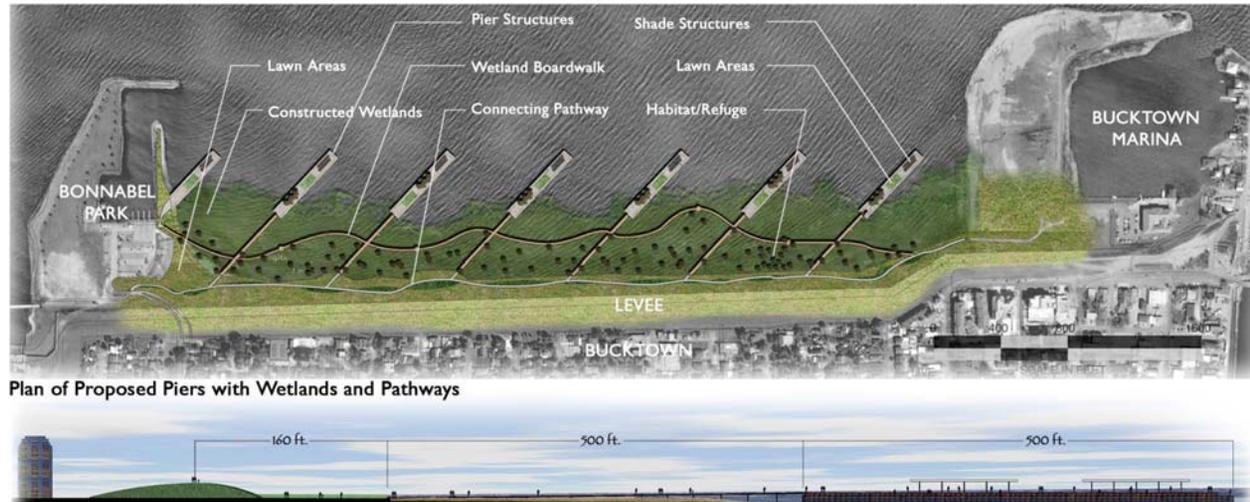


East Jefferson Shoreline



New Orleans East Shoreline

Lake Pontchartrain Shoreline Restoration and Protection

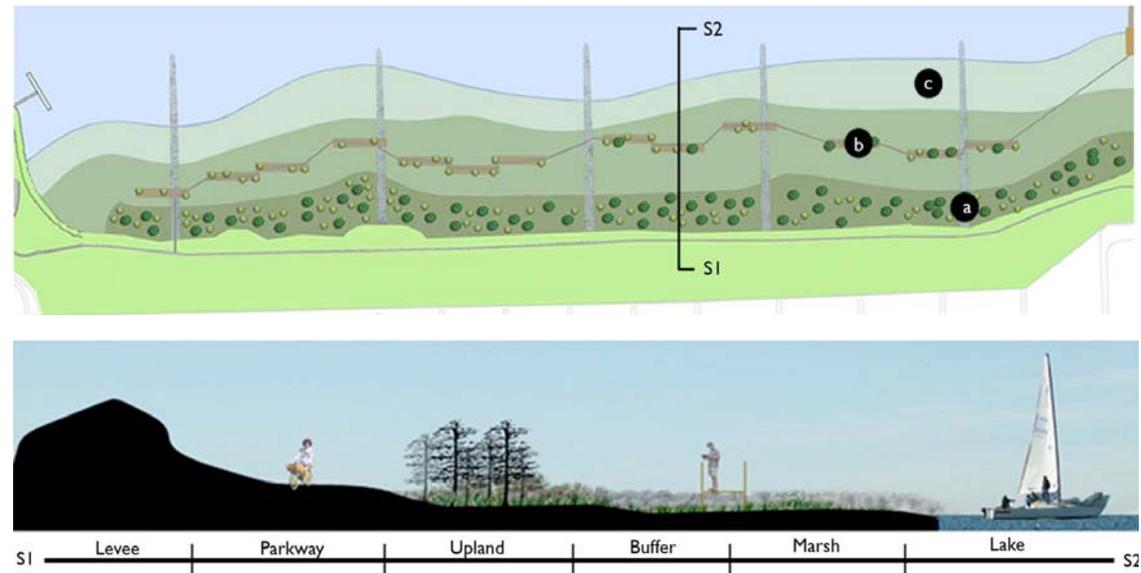


Wetland Piers

- Protect Existing Shoreline
- Restore Wetlands

Wetland Restoration

- Jetties perpendicular to shoreline.
- Staged Construction
- Use of recycled barges for absorption of wave energy



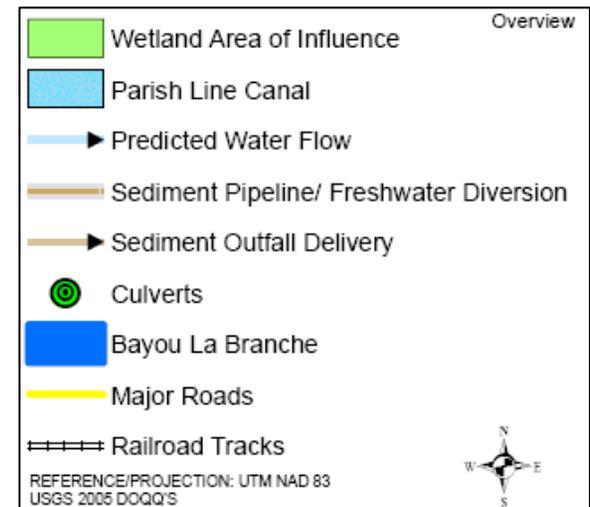
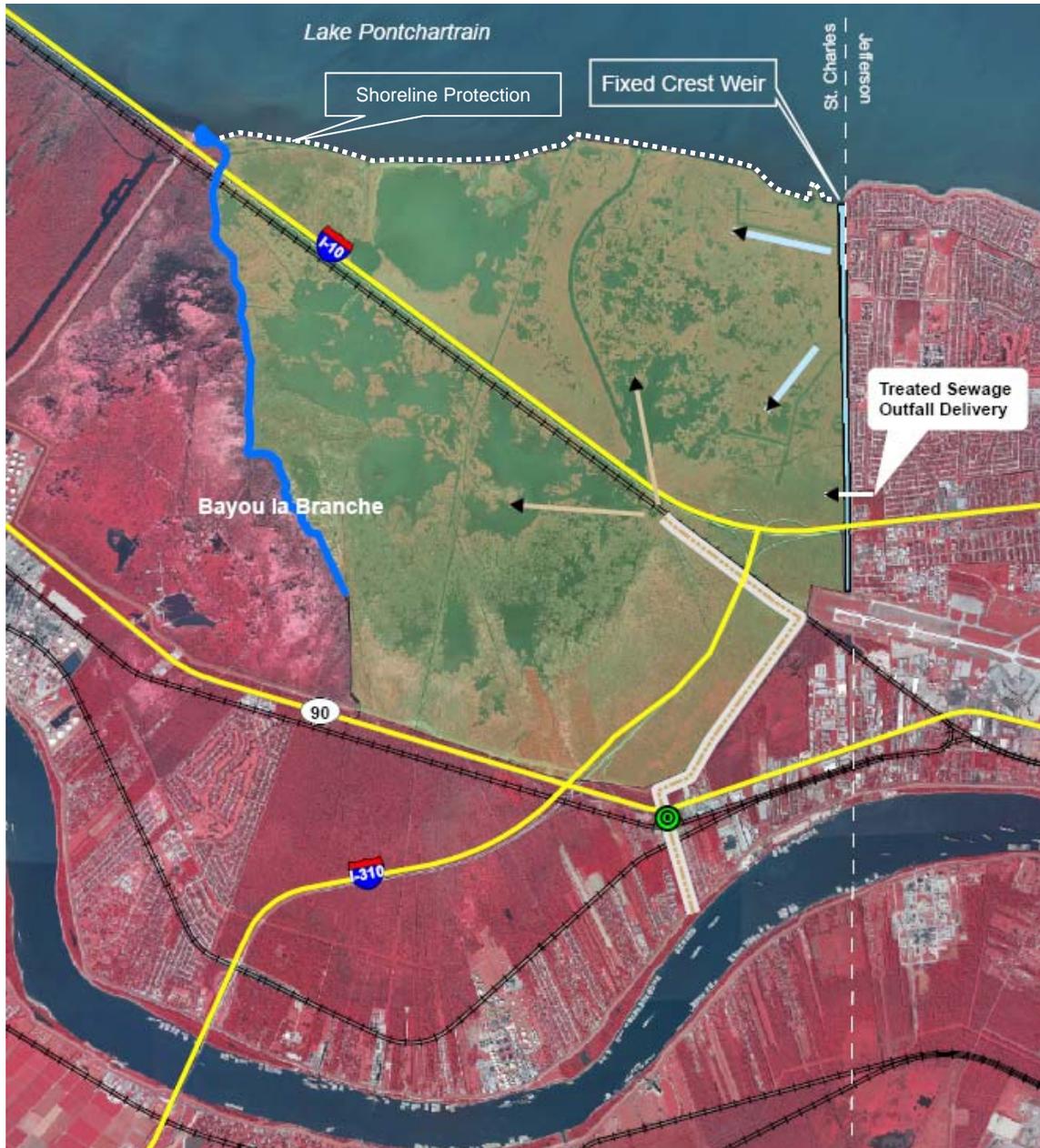
LA BRANCHE WETLANDS

Major Components

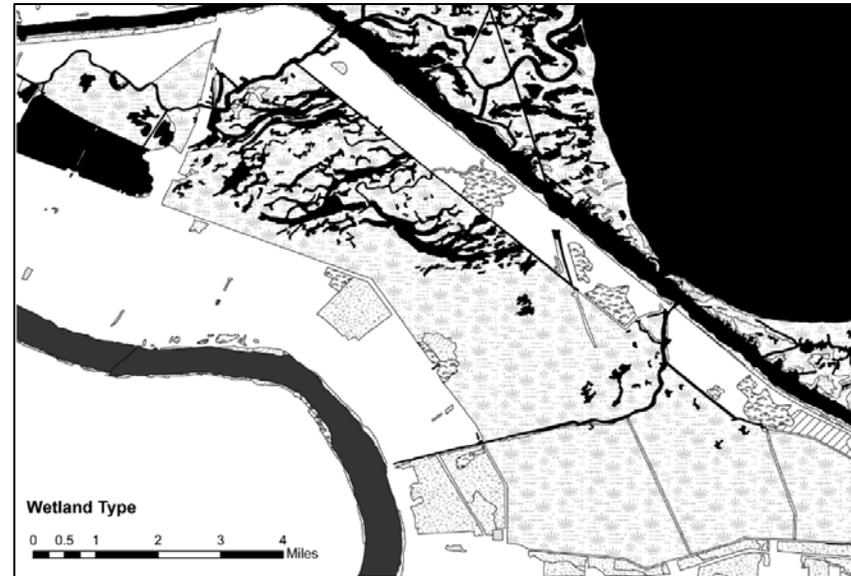
- Fixed Crest Weir (Parish Line Canal)
- Fresh Water/Sediment Diversion
- Treated Sewage Effluent
- Pumped Drainage Overland Flow
- Shoreline Protection

Meets Mitigation Needs

- 720 Acres of Impacts
- 800+ Acres of Mitigation
- Adjacent, In-kind and Sustainable



Central Wetlands



PRE MRGO

- 1950's conditions

- Estuarine and Marine Deepwater
- ▨ Estuarine and Marine Wetland
- ▩ Freshwater Emergent Wetland
- ▤ Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- ▨ Other
- Riverine



CENTRAL WETLANDS UNIT (Phase I Shown)

Major Components

- Terracing
- Treated Sewage Effluent
- Fresh Water Introduction
- Cypress Reforestation

Meets Mitigation Needs

- 466 Acres of Impacts
- 675 Acres of Mitigation
- Adjacent, In-kind and sustainable

