

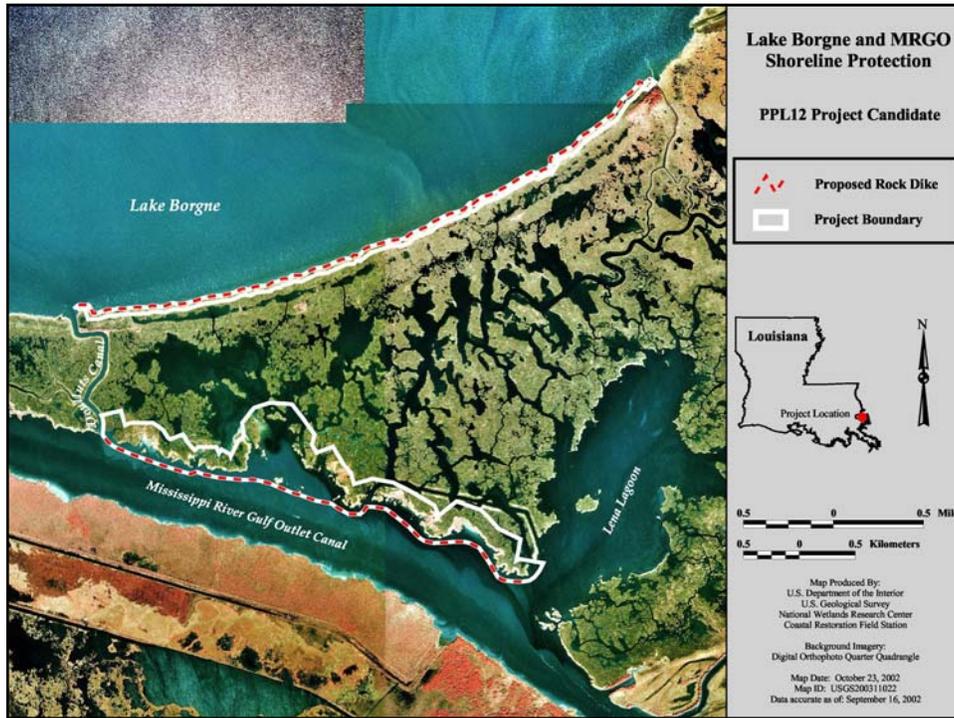
PO-32b - Lake Borgne & MRGO Shoreline Prot - MRGO**

** Lake Borgne segment of the Lake Borgne & MRGO Shoreline Protection
Project constructed under Corps funding



Project Background

- Authorized in January 2003 by Breaux Act (CWPPRA) Task Force on PPL12
- Originally two segments totaling ~32,750 linear feet of rock dike to stop shoreline erosion along the southern shoreline of Lake Borgne and the north bank of the Mississippi River Gulf Outlet
- Task Force directed that the projects be designed as separable reaches in Phase I
- USACE building Lake Borgne segment with hurricane recovery funds Congress provided in the 3rd Supplemental



Wetlands Loss Problems

- The northern shoreline of the MRGO experiences high rates of erosion
- Rate has been estimated at 24ft/yr and higher in some places
- Due mainly to vessel wakes from the ship channel and bank sloughing

Benefits and Costs

MRGO segment

- 14,360 ft offbank breakwater
- Crown of breakwater set at +5.0 ft high
- Protects 173 acres of brackish marsh
- Fully funded cost estimate \$35,985,438
- Phase II increment 1 request is \$31,924,591

Project Considerations

- Combined project would prevent erosion of a critical marsh peninsula separating Lake Borgne and the MRGO
- Area fell directly within the eye path of Hurricane Katrina
- Area of marsh protected fronts the community of Hopedale and properties along roadway near channel, cultural resources midden, and oak ridge

Questions



Doullut's Canal
St. Bernard Parish, LA