



HURRICANE PROTECTION PROJECTS

New Orleans, Louisiana



Owner: U.S. Army Corps of Engineers

Designer: U.S. Army Corps of Engineers

Contractor Joint Venture:

GIWW-WCC Project: Gulf Intracoastal Constructors
(Joint Venture of Kiewit and Traylor Bros.)

LPV-145 Project: Chalmette Levee Constructors
(Joint Venture of Kiewit and Massman)

Years of Projects (DBA): 2009 - 2010

Client Reference:

Steve Saye, P.E. (Kiewit — 402-342-2052)



Project Highlights:

DBA was involved in two separate projects: 1) the Gulf Intracoastal Waterway—West Closure Complex (GIWW-WCC) and, 2) Chalmette Loop Floodwall (LPV-145). Both projects were delivered through the Early Contractor Involvement delivery method and had extensive test pile programs. DBA provided consulting support to the two contractor joint ventures for the test pile programs, for geotechnical issues related to construction of temporary works., and performed geotechnical review of design plans on behalf of the joint ventures. Activities of DBA included:

- Driveability studies for test piles and production piles.
- Geotechnical design for load test reaction frames, temporary facility foundations, and excavations.
- Geotechnical review of project designs.
- Analysis of levee settlement and stability during construction.
- Review and analysis of load test data.
- General geotechnical support of construction activities.

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