



WEST BANK & VICINITY

Updated September 2011

U.S. ARMY CORPS OF ENGINEERS

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Public safety is the Corps of Engineers' top priority. Congress has fully authorized and funded the Hurricane and Storm Damage Risk Reduction System (HSDRRS) for southeast Louisiana. The HSDRRS includes five parishes and consists of 350 miles of levees and floodwalls; 73 non-Federal pumping stations; 3 canal closure structures with pumps; and 4 gated outlets.

Project Summary

The West Bank & Vicinity (WBV) project is defined as the risk reduction features on the west bank of the Mississippi River in St. Charles, Jefferson, Orleans and Plaquemines parishes. Construction of the West Bank & Vicinity project starts at the Mississippi River Levee in Ama in St. Charles Parish and ends at the Mississippi River levee in Oakville in Plaquemines Parish. The project is in a high-density residential and commercial area.

The structural features being built by the Corps will reduce the risk associated with a storm surge event that has a one percent chance of occurring in any given year, or a 100-year storm surge. Completion of the West Bank & Vicinity project will include more than 50 construction contracts, valued at approximately \$3 billion.



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Protection & Restoration Office, 7400 Leake Avenue, New Orleans, LA 70118

www.mvn.usace.army.mil

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Project Features

The West Bank & Vicinity project includes making improvements to or building from the ground level up, 75 miles of levees, floodwalls, floodgates, water control structures and other risk reduction features. Of these 75 miles, 49 miles will consist of primary perimeter storm surge risk reduction features (including 15 miles co-located with the Mississippi River Levees) and 26 miles will be detention basin features along the Harvey and Algiers canals. Major WBV projects include the Western Tie-In, Lake Cataouatche Levees, Bayou Segnette Complex, Harvey to Westwego Levees and Floodwalls, Gulf Intracoastal Waterway West Closure Complex, improvements to the detention basin along the Harvey and Algiers canals, Eastern Tie-In project and a portion of the Mississippi River Levees.

Project Status

All contracts have features in place to defend against a 100-year storm surge event for this hurricane season.



July 2011 view of 56-foot-wide concrete sector gate base at the Bayou Segnette Complex.



The pumps are tested at the West Closure Complex pump station in preparation for the 2011 hurricane season.



The completed floodwall stands at approximately 14 feet elevation along the Harvey Canal.



Aerial construction photo of the Eastern Tie-in stoplog closure structure at the Hero Canal.

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