



The Greater New Orleans Hurricane and Storm Damage Risk Reduction System

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.

New Orleans Metro Repairs – Task Force Guardian

Following Hurricane Katrina, many emergency repairs were completed in New Orleans Metro (East Bank of Orleans Parish west of the IHNC or Industrial Canal and a small portion of the East Bank of Jefferson Parish near the Mississippi River). Crews replaced damaged floodwalls with stronger T-walls and L-walls along the 17th Street Canal; replaced damaged levee with reinforced concrete T-walls and L-walls at the London Avenue Canal; added slope paving to the Orleans Avenue Canal pump station; and repaired scoured areas along Lake Pontchartrain. These repairs were completed in 2006 prior to the first full hurricane season after Katrina.



100-Year Level Work

In New Orleans Metro, work is under way to design and construct new structural features that, when complete, will reduce the risk associated with a storm surge that has a one percent chance of occurring in any given year. Risk reduction features will be operational in June 2011. Below is the status for the various Corps projects around New Orleans Metro (as of 07 September 2010):

- LPV 101.02 (17th Street Canal to Topaz Street along Lake Marina Avenue and Lakeshore Drive)
 - **Scope:** Demolish existing I-walls and replace them with new T-walls; construct new vehicle floodgates.
 - **Status:** Construction is approximately 68 percent complete and is scheduled to be finished in March 2011.
- LPV 102.01 (Topaz Street to Orleans Avenue Canal)
 - **Scope:** Raise levees to 100-year elevations.
 - **Status:** All work is complete.
- LPV 103.01A1 (Orleans Avenue Canal to London Avenue Canal)
 - **Scope:** Strengthen existing Marconi Floodgate; modify Orleans Avenue Canal tie-in; replace Bayou St. John floodwalls; modify sector gate at Bayou St. John.
 - **Status:** Construction is approximately 99 percent complete and will be complete in January 2011.
- LPV 103.01A2 (Orleans Avenue Canal to London Avenue Canal)
 - **Scope:** Install new floodgates on Lakeshore Drive at Rail Street and Lake Terrace Drive.
 - **Status:** This project is approximately 40 percent complete and will be complete in April 2011.

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U.S. ARMY CORPS OF ENGINEERS – TEAM NEW ORLEANS

Hurricane Protection Office, 7400 Leake Avenue, New Orleans, LA 70118

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- LPV 104.01A (London Avenue Canal to IHNC)
 - **Scope:** Raise roadway ramps at Canal Boulevard, Lakeshore Drive near UNO Research Facility, Leroy Johnson and Franklin Avenue; replace I-walls at Pontchartrain Beach with T-walls; replace floodgate on Lakeshore Drive near Leroy Johnson Drive Ramp (Gate L-10) with a levee.
 - **Status:** Construction is 85 percent complete and will be finished in February 2011.
- LPV 104.02 (London Avenue Canal to IHNC)
 - **Scope:** Replace floodgate at L-11; replace existing Seabrook I-walls with T-walls; install a new vehicle gate at the boat launch on Leon C. Simon Drive; construct new lakefront UNO campus ramp.
 - **Status:** Construction is 63 percent complete and will be complete in February 2011.



Road/Seabrook Boat Launch Closures

Due to construction, several stretches of road near the lakefront will be closed:

- Cloverleaf Road (near Lakeshore Drive just west of Bayou St. John) will be closed until April 2011.
- St. Bernard Avenue at Oriole Street and at the intersection with Lakeshore Drive will remain closed until January 2011.
- Marconi Drive at the intersection with Lakeshore Drive will be closed until January 2011.
- Lakeshore Drive just west of Rail Street will remain closed until March 2011.
- Lakeshore Drive at Lake Terrace Drive will close in January 2011 and remain closed until April 2011.
- A short segment of Lake Marina Drive is closed. A timetable has not yet been set for its reopening.
- The Seabrook Boat Launch is closed until June 2011 due to the inability of vehicles to exit the boat launch as a result of the surrounding road closures.

If you have questions and / or concerns, please call our Construction Impacts Hotline: 877-427-0345.

Contact: Hurricane Protection Office, Public Affairs
(504) 862-2080



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New Orleans East Repairs – Task Force Guardian

Following Hurricane Katrina, many emergency repairs were completed in New Orleans East (Orleans Parish east of the IHNC or Industrial Canal). Crews replaced damaged floodwalls with stronger T-walls and L-walls; repaired 24 miles of damaged levees; replaced a damaged floodgate; raised damaged levees and floodwalls to the previously authorized elevations; reduced the stick up on over five miles of floodwalls; and added various forms of scour protection. These repairs were completed in 2006 prior to the first full hurricane season after Katrina.



100-Year Level Work

In New Orleans East, work is under way to design and construct new structural features that, when complete, will reduce the risk associated with a storm that has a one percent chance of occurring in any given year. Risk reduction features will be operational in June 2011. Below are the statuses for the various Corps projects around New Orleans East (as of 07 September 2010):

- LPV 105.01 (Lakefront Airport West Floodwall)
 - **Scope:** Construct a new T-wall south of the railroad; construct a new vehicle gate at Downman Road.
 - **Status:** Construction is approximately 20 percent complete and will be finished in April 2011. Due to gate construction, Downman Road north of Hayne Boulevard is currently closed to all traffic and will re-open in December 2010.
- LPV 105.02 (Lakefront Airport East Floodwall)
 - **Scope:** Replace existing I-wall with a new T-wall; construct a floodwall on top of existing levee.
 - **Status:** Construction is 40 percent complete and will be finished in June 2011.
- LPV 106 (Citrus Lakefront Levee)
 - **Scope:** Raise existing embankment with a 2-4-foot sheet pile wall.
 - **Status:** Construction is 35 percent complete. Although construction will not be complete until summer 2011, the 100-year level of risk reduction will be attained in April 2011.
- LPV 107 (Lincoln Beach Floodwall/Gate)
 - **Scope:** Replace existing I-wall with T-wall; replace access gate and T-wall sections at the entrance to Lincoln Beach.
 - **Status:** Construction is approximately 46 percent complete and will be finished in January 2011.
- LPV 108 (Paris Road to Southpoint)
 - **Scope:** Raise levee to 100-year elevation; construct T-wall at the Collins Pipeline crossing.
 - **Status:** Construction is complete.
- LPV 109.02a&c (Southpoint to CSX Railroad)
 - **Scope:** Raise existing levee to 100-year elevation; replace Highway 11 and Highway 90 gates.
 - **Status:** Construction is 42 percent complete and is scheduled to be finished in June 2011.

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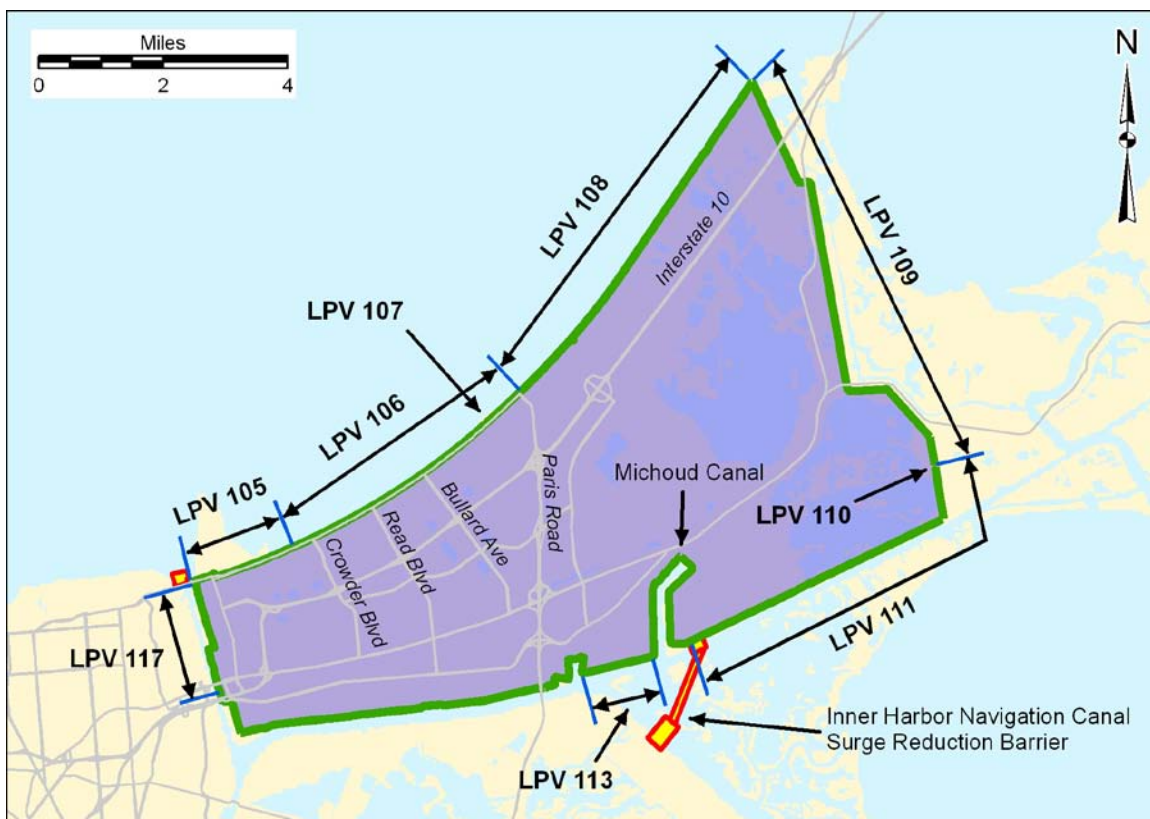
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- LPV 109.02b (Southpoint to CSX Railroad)
 - **Scope:** Raise existing levee and elevated Interstate 10 crossing of the levee to 100-year elevations.
 - **Status:** Construction is 54 percent complete and is scheduled to be finished in May 2011.
- LPV 110 (CSX Railroad Crossing)
 - **Scope:** Replace existing railroad gate; replace existing floodwalls to 100-year elevations.
 - **Status:** Construction is 6 percent complete and the project will be finished in May 2011.
- LPV 111.01 (CSX Railroad to Michoud Canal)
 - **Scope:** Raise existing levee via deep soil mixing and landslide alignment shift; raise T-wall around Pump Station 15; add a floodwall tie-in from the levee to the IHNC Surge Barrier.
 - **Status:** Construction is 55 percent complete and is scheduled to be finished in June 2011.
- LPV 113 (Citrus Back Levee, Michoud Canal to Michoud Slip)
 - **Scope:** Raise levee.
 - **Status:** Construction is complete.



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