



SOUTHEAST LOUISIANA URBAN FLOOD DAMAGE REDUCTION PROJECT – SELA

Updated August 2012

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG®

Public safety is the Corps of Engineers' top priority. The Southeast Louisiana Urban Flood Damage Reduction Project (SELA) reduces the risk of flood damages due to rainfall flooding in Orleans, Jefferson and St. Tammany parishes. The improvements generally support the parishes' master drainage plans and provide flood risk reduction up to a level associated with a 10-year rainfall event. A 10-year rainfall event is a rain storm that has a 10% annual probability of occurrence and equates to approximately nine inches of rain over a 24-hour period for our area.

Project Summary

Work for SELA is located on both the east and west banks of the Mississippi River in Orleans and Jefferson parishes, as well as St. Tammany Parish. The Louisiana Coastal Protection and Restoration Authority Board (CPRA) serves as the Non-Federal Sponsor with strong support from our local partners at Jefferson Parish, Sewerage & Water Board of New Orleans, St. Tammany Parish and the City of Slidell.



Project Features

In Orleans Parish, plans involve improving 16 major drainage lines, adding pumping capacity to two pump stations and the construction of two new pump stations. In Jefferson Parish, plans include improvements to twenty four drainage canals, additional pumping capacity for four pump stations and the construction of two new pump stations. Planned improvements in St. Tammany Parish include channel enlargements, bridge replacement, a pump station, detention ponds, levees, T-walls and the elevation of flood-prone structures. A substantial amount of work has been completed in Jefferson and Orleans Parishes; no construction has begun in St. Tammany Parish.

Project Status

Of the twenty funded SELA projects in Orleans Parish, nine projects are complete, five projects are under construction, and six are currently under design. Of the fifty nine funded SELA projects in Jefferson Parish, forty five are complete, six are under construction, and eight are currently under design. Overall, the currently scheduled design and construction efforts in Orleans and Jefferson Parishes are about 65 percent complete and construction should be finished in 2017.

In addition, the Algiers Sub-basin (Orleans Parish) study was completed and approved in September 2011 and the W-14 Canal Improvements study in Slidell (St. Tammany Parish) was completed and approved in July 2012. Additional SELA studies are planned for the three parishes once additional funding is obtained.

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7400 Leake Avenue, New Orleans, LA 70118 | www.mvn.usace.army.mil

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