



# SOUTHEAST LOUISIANA URBAN FLOOD DAMAGE REDUCTION PROJECT – SELA

Updated September 2014

## 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 event is basically a rain storm that has a 10% annual probability of occurrence and equates to approximately 9 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 (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, pump station improvements, detention ponds, levees, T-walls and the elevation of flood-prone structures. A substantial amount of this work has been funded and completed in Jefferson and Orleans Parishes.

### Project Status

Of the twenty funded SELA projects in Orleans Parish, eleven projects are complete, eight projects are under construction, and one is currently in the pre-award phase. Of the fifty nine funded SELA projects in Jefferson Parish, forty six are complete and thirteen are under construction. Overall, the current design and construction efforts in Orleans and Jefferson parishes are about 70 percent complete and construction should be finished in 2018.

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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