Hurricane Ida Update

Wednesday, November 17, 2021

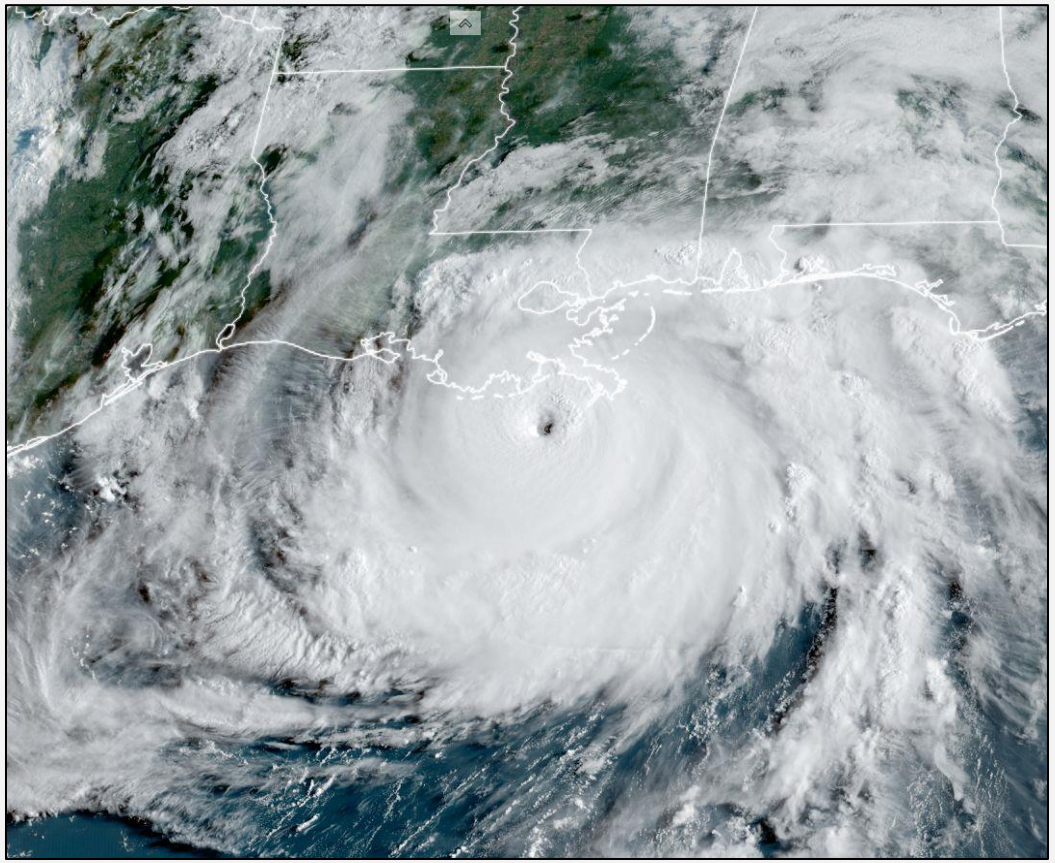
Pontchartrain Levee District
MRL and LPV HSDRRS

Presented by:
Monica Salins Gorman
Executive Director

Hurricane Ida

On August 29, 2021, on the 16th anniversary of Hurricane Katrina (2005), Hurricane Ida made landfall in Louisiana as a catastrophic Category 4 in Port Fourchon with sustained winds at 150 mph.

It maintained status as a Category 4 strength for approximately 4 hours before dropping to a Category 3, which it held for another 3-4 hours. It wasn't until 9 p.m.- 8 hours after landfall- that Ida fell to a Category 2 hurricane with 110 mph winds.

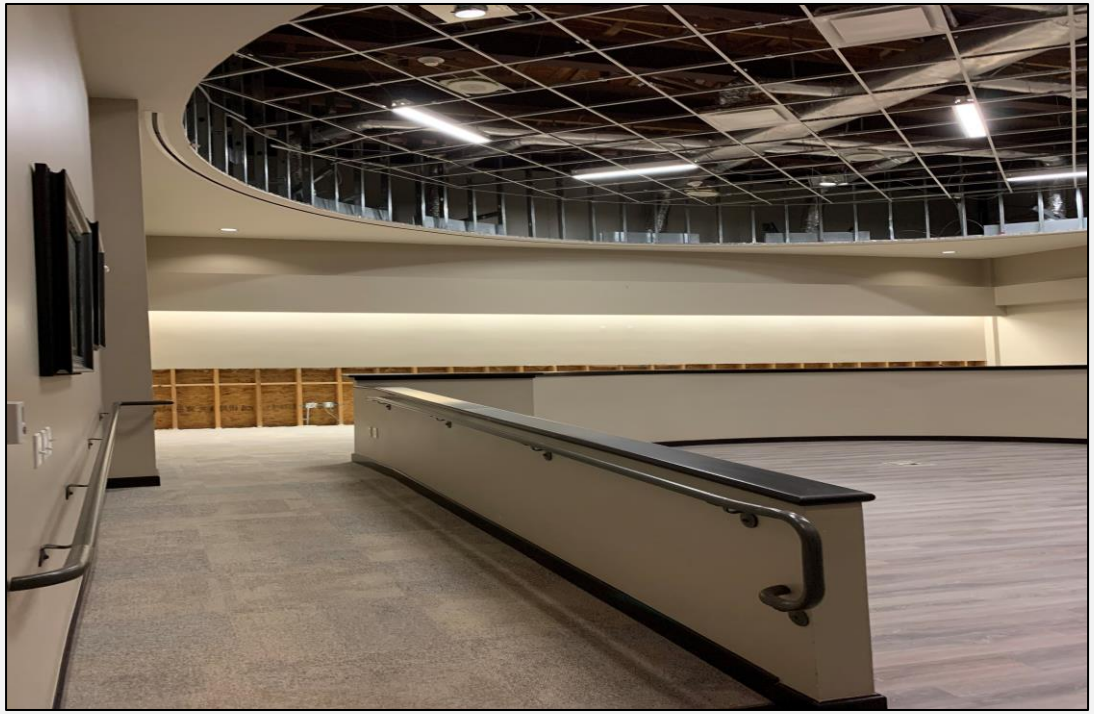


St. Charles Parish

St. John the Baptist Parish

St. James Parish

Pontchartrain Levee District Headquarters Damages



East Bank Mississippi River Levees

Pontchartrain Levee District mainline Mississippi River levee photos from Monday, August 30, 2021

- Cargill Grain Elevator- conveyor collapse in Reserve, LA
- Vessel pushed onto the river's edge, actually tilted into the river, in Convent, LA
- Barges moored on the levee embankment in Convent, LA
- Barge Working Platform pushed partially onto the batture

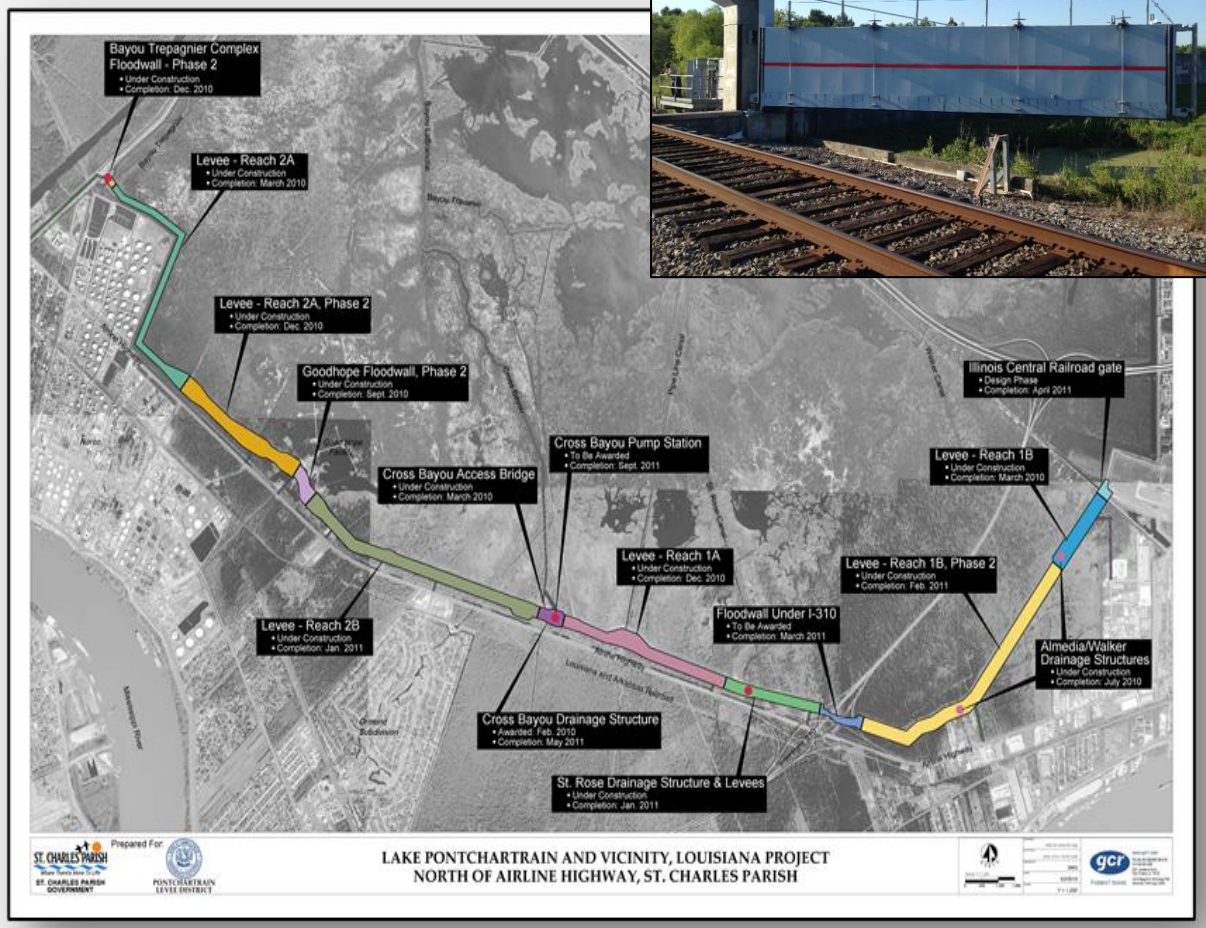
St. Charles Parish
St. Rose, LA

Lake Pontchartrain and Vicinity (LPV), Hurricane and Storm Damage Risk Reduction System (HSDRRS)
St. Charles Parish (East Bank)

Canadian National Railroad
Hydraulic Swing Gate

Aerial View

PLD Emergency Crew
August 28, 2021



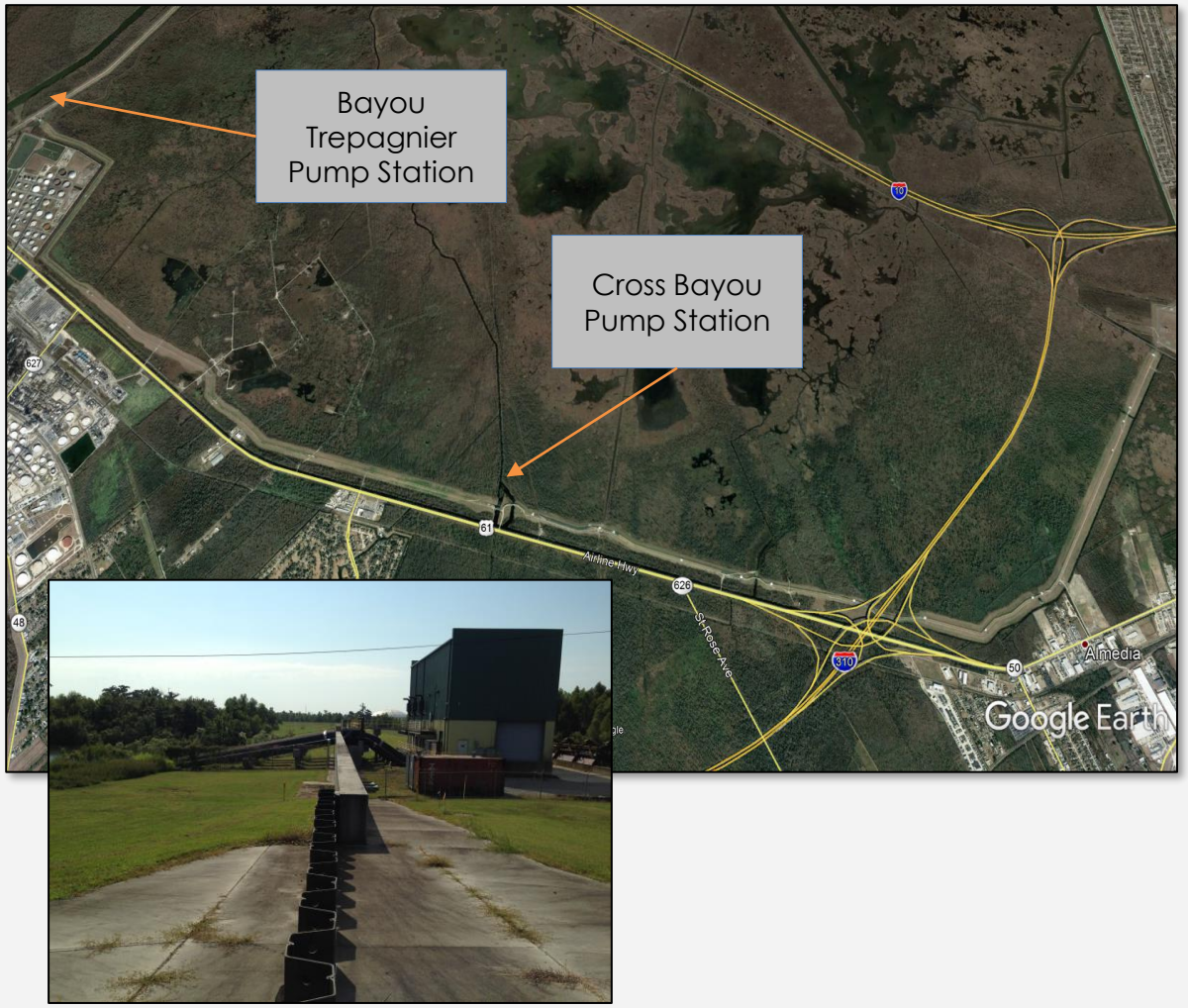
Lake Pontchartrain and Vicinity (LPV), Hurricane and Storm Damage Risk Reduction System (HSDRRS)
St. Charles Parish (East Bank)

2 Pump Stations are within the LPV Hurricane and Storm Damage Risk Reduction System

- Bayou Trepagnier Pump Station (850 cfs)
- Cross Bayou Pump Station (1300 cfs)

Damaged Rake System at Cross Bayou Pump Station

Cross Bayou Pump Station

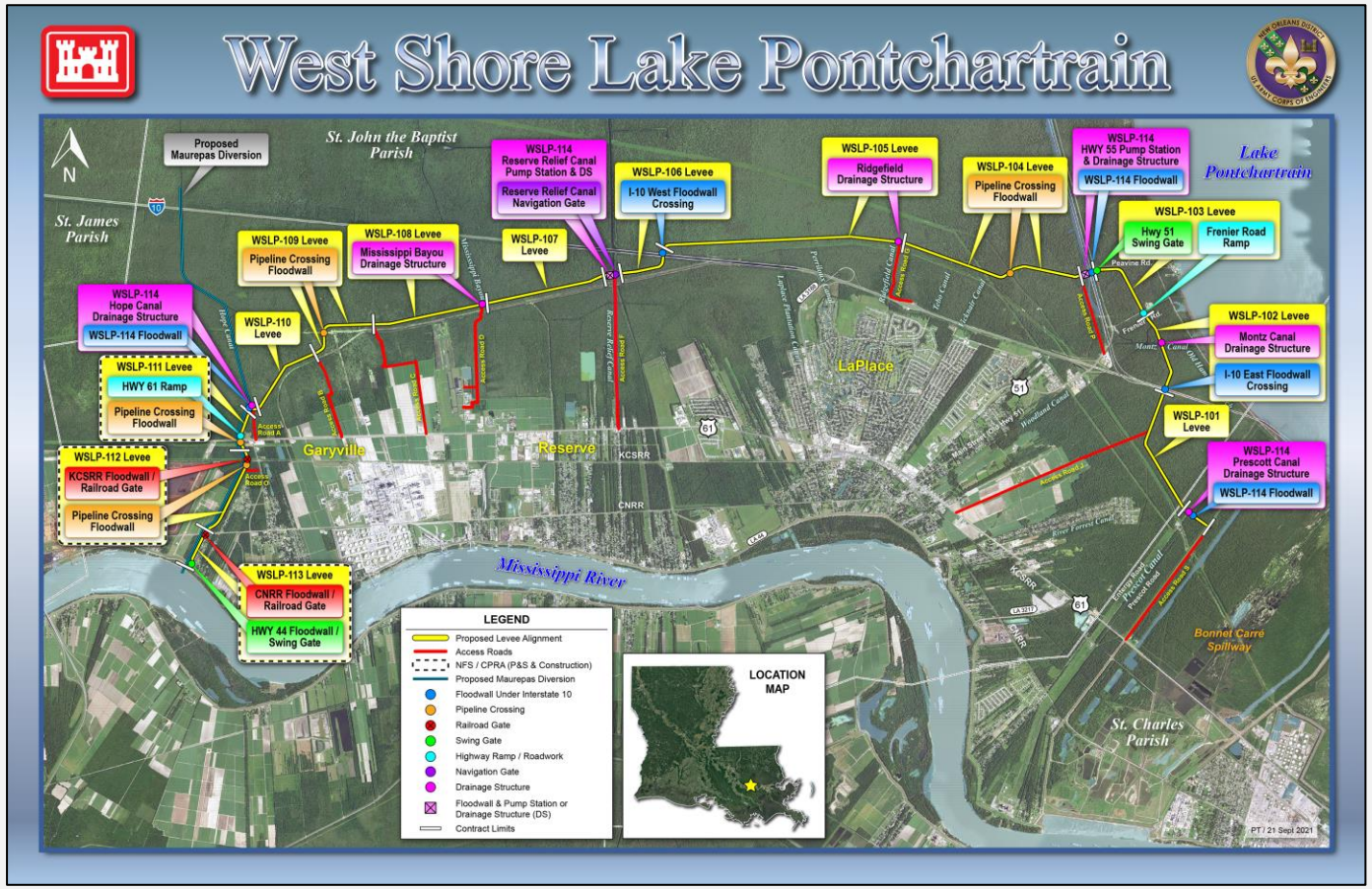


Bayou Trepagnier Pump Station

West Shore Lake Pontchartrain- St. Charles/St. John the Baptist

The entire West Shore Lake Pontchartrain Project is located in southeast Louisiana on the east bank of the Mississippi River in St. Charles, St. John the Baptist and St. James Parishes.

- 100-year storm surge risk reduction project
- 2027 design heights for St. John the Baptist vary from 8.5' on the western edge to 12.5' on the eastern edge
- 2 Pump Stations- 2000 cfs each (Reserve Relief and at I-55)
- USACE expects to award all contracts in 2022 except for the pump stations



West Shore Lake Pontchartrain-St. James Parish

- The ring levees proposed in the St. James portion of WSLP total approximately 4.5 miles
- Alternatives are currently being examined to possibly expand the ring levees and eliminate the flap valves
- USACE has requested Right of Entry to begin surveys and borings in St. James Parish and that approval should be on the levee district agenda in December for approval

Bonfires in St. James Parish

Louisiana is most beautiful when it is a great disaster. The entire society spontaneously comes together as if joined by family ties. No one watches his neighbor suffer but all selflessly and voluntarily go about seeking whom they can help. And they do so with their own personal means- trucks, boats, rafts, chainsaws, shovels, food and often at risk of their lives. We work hard and we eat grand, we are filthy but laughing, we lose our homes yet are welcomed into others. I have seen finer lands but not people. Keep the world and give me Louisiana, even in disaster.

Author Unknown

Questions or Additional Information

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