

Hagan Lafitte

Drainage Upgrades & Green Infrastructure Project



City of New Orleans
Mayor LaToya Cantrell

Fact Sheet / Fall 2019



Hagan Lafitte Drainage Project: Artist's rendering of the comprehensive gray-green drainage project as completed in the neighborhood.

Stats

Area
27 square blocks

Site Status
Residential, under construction

Funding Source
\$7.3 million (HMGP)

Project Lead
Project Delivery Unit, Department of Public Works, City of New Orleans

Project Brief: Located between the Lafitte Greenway and Orleans Avenue in the Mid-City neighborhood, the 33-acre Hagan-Lafitte site is comprised of one neighborhood park and 23-blocks of residential and commercial properties stretching from Bayou St. John to Broad Street. The Project area is at the end of the system and has some of the lowest elevations in the basin. This combination results in frequent flooding and subsidence of roads over time. This Project will reduce flooding and improve quality of life in the community.

Location



District-wide

Benefits



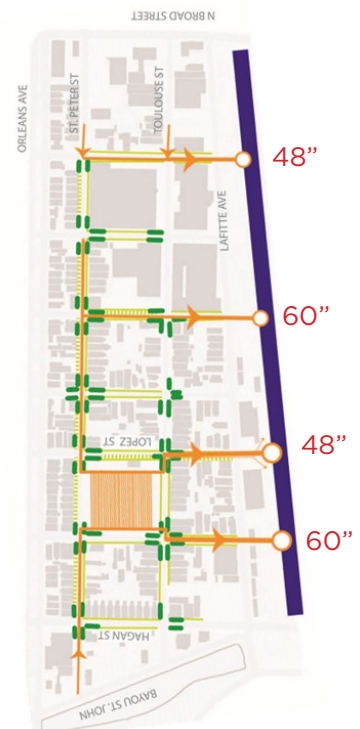
For more information, contact David S. Jackson Community Engagement Liaison at 504.658.7623.

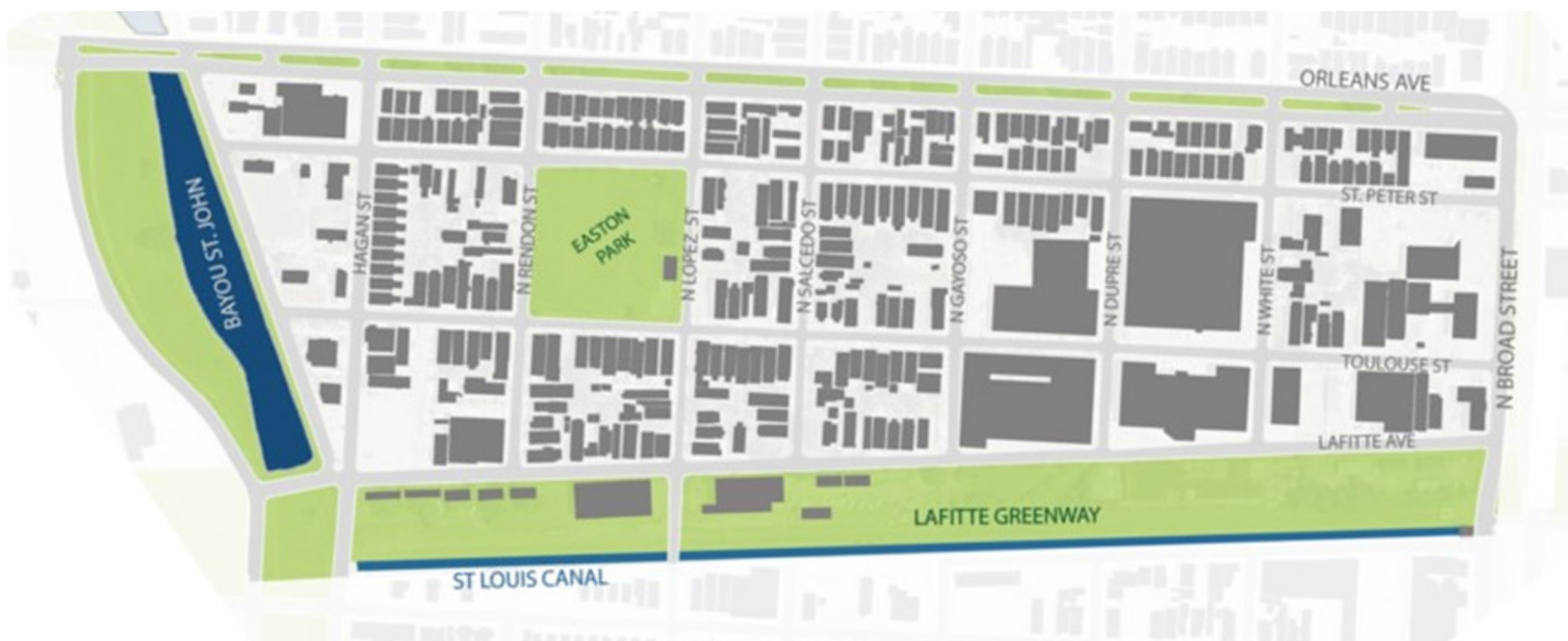
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Hagan-Lafitte (Easton Park)



Description: Easton Park (above) hides a 1-million-gallon water storage tank. Easton Park's storage tank is connected to 60-inch pipes (bottom right) that have a 50-year design life that will maximize the use of the field after the storm. When completed, water will be redirected to the St. Louis Canal through pipes that vary in size between 48 inches and 60 inches (bottom





PROJECT APPROACH

GRAY INFRASTRUCTURE

- Increase the capacity of the underground collection system
- Increase underground rainwater storage
- Redirect flow away from the Orleans Avenue box culvert and into the St. Louis Canal
- Increase the capacity of the neighborhood drainage system

GREEN INFRASTRUCTURE

- Decrease area that does not allow water to go through
- Store, retain, and absorb stormwater in rain gardens and underground storage
- Create infiltration and groundwater recharge opportunities throughout the entire neighborhood with a grid system to reduce subsidence

Design Team

Project Lead
Designer

Marlon T. Carrio, **City of New Orleans**
Stantec