

St. Roch

Drainage Improvements and Green Infrastructure Project

Fact Sheet / Fall 2019



City of New Orleans
Mayor LaToya Cantrell



GENTILLY
Resilience
DISTRICT



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

Stats

Area
26 square blocks

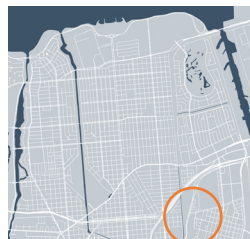
Site Status
Inhabited neighborhood

Funding Source
\$7.5 Million
Hazard Mitigation Grant Program (HMGP)

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

Project Brief: The Saint Roch neighborhood project area consists of the 26 city block section bounded by N. Roberston St. to the north, Franklin Ave. to the east, St. Claude Ave. to the south and Elysian Fields Ave. to the West. The neighborhood experiences chronic flooding from even relatively small storms, with more severe flooding associated with larger storm events.

Location



District-wide

Benefits



Urban Water
Will provide the maximum amount of underground detention



Ecology
Additional water storage and vegetation



Infrastructure
Lessens burden on City's system



Economy
Improves drainage and increases home values



Recreation
Walkable aesthetics



Public Health
Improves air, water and soil quality



Urban Heat
Increases vegetation and lowers temperature

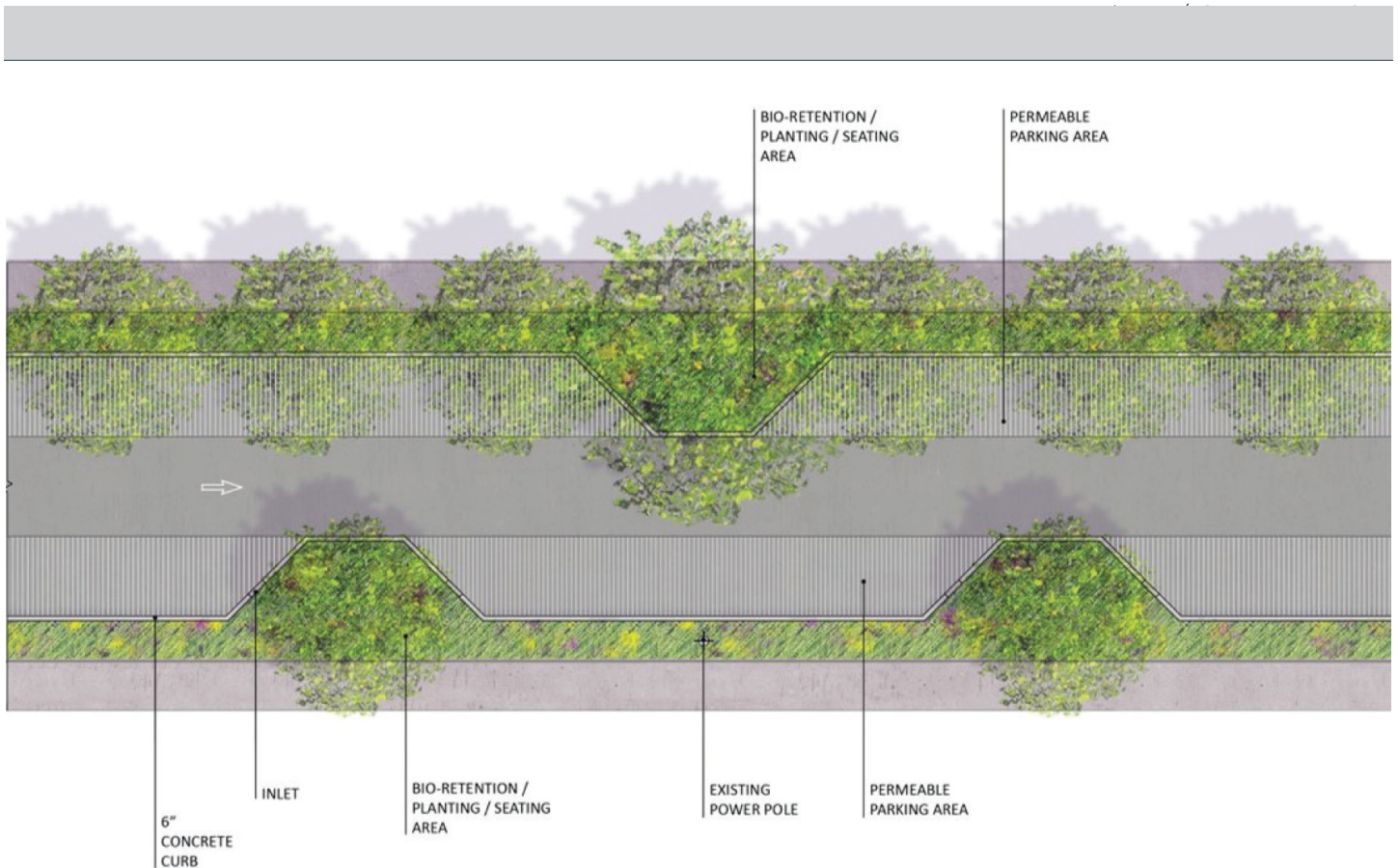


Community
Beautification, asset protection



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Rather than attempting to convey water out of the neighborhood, the project will utilize oversized storm drain pipes for implementation under the existing streets that will provide the maximum amount of underground detention practical. The project also seeks to maximize the extent to which **green infrastructure**, including pervious gravel parking strips, bulb-outs with bio-retention cells, and oversized grassed islands with street trees and/or shrubberies, is utilized to improve resilience at the surface.

Design Team

Project Lead
Designer

Meagan Williams, **City of New Orleans**
Moffatt & Nichol