

Oak Park

Stormwater Management & Flood Mitigation Project

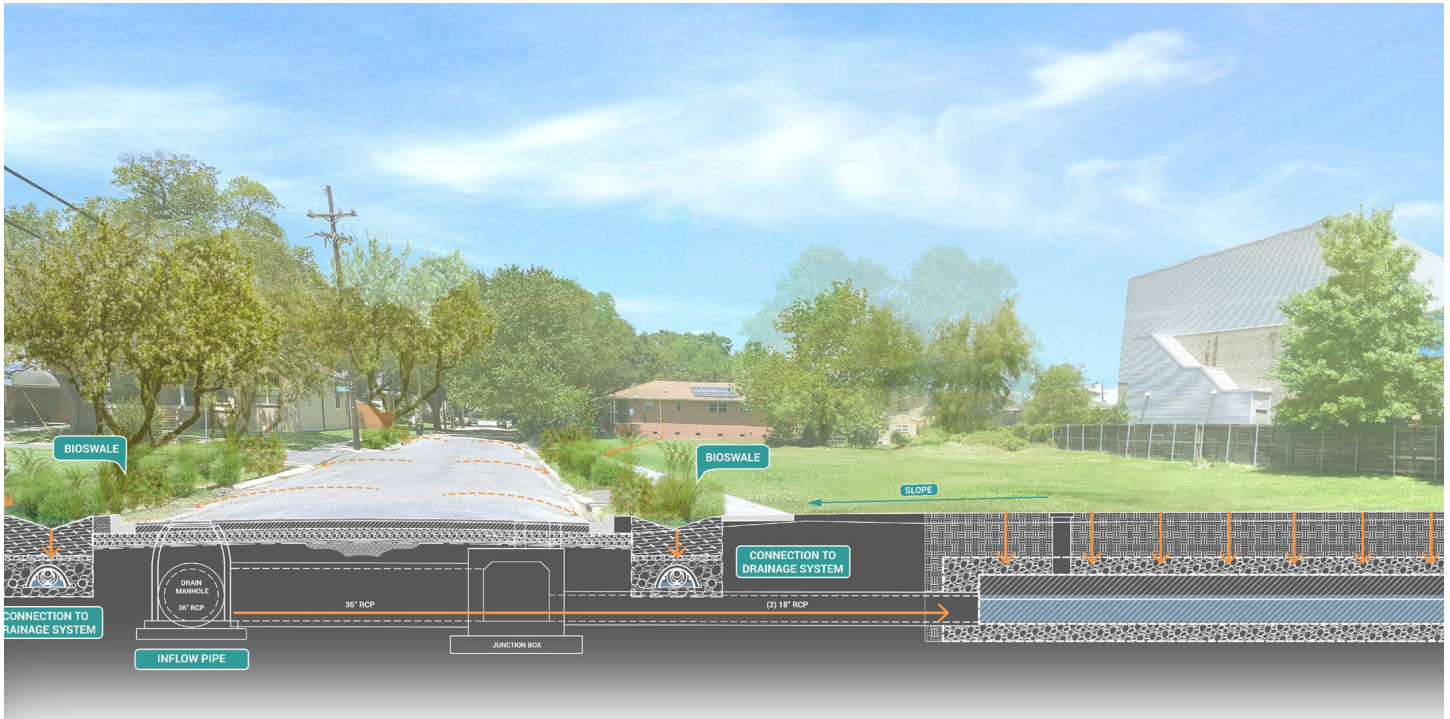
Fact Sheet / Fall 2019



City of New Orleans
Mayor LaToya Cantrell



GENTILLY
Resilience
DISTRICT



Oak Park Stormwater Management: Engineering schematic and artist's rendering of the comprehensive gray-green drainage project.

Stats

Area
27,720 sq. ft

Site Status
Five underutilized lots in the Oak Park area.

Funding Source
Hazard Mitigation Grant Program (HMGP)

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

Project Brief: The Oak Park Stormwater Management and Flood Mitigation Project transforms a cluster of five vacant parcels on Perlita Street, as well as a portion of the adjacent public right-of-way (ROW) on Perlita Street, into a stormwater management area that reduces the risk of flooding for the surrounding neighborhood.

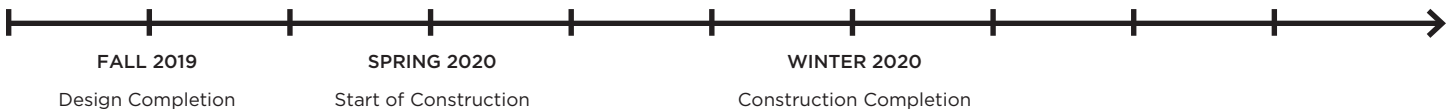
Location



District-wide

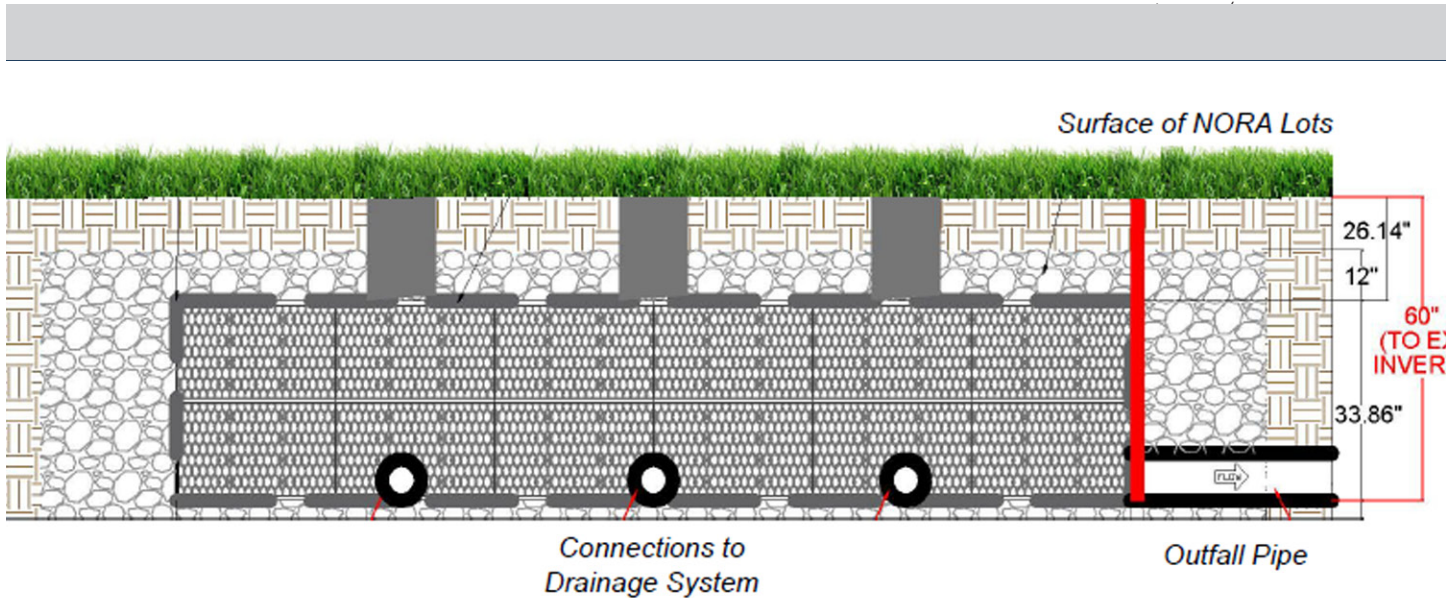
Benefits

 Urban Water Designed to hold enough water for a 10-year rain event.	 Ecology Additional water storage and landscape interventions	 Infrastructure Lessens burden on City's system	 Economy Improves underutilized assets.
 Recreation Walkable aesthetics	 Public Health Improves air and soil quality	 Urban Heat Increases vegetation and tree canopy	 Community Gathering space and beautification

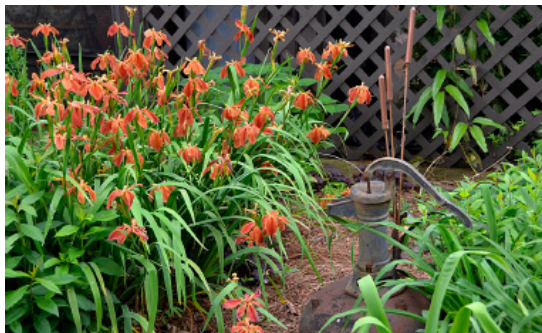




Project Site 27,720 square feet
or .64 acres



This image (above) shows the R-Tank buried under the NORA lots. The pipes at the bottom of the tank connect it to the drainage system. There is a pipe on the right side that will drain the tank back into the drainage system once the storm has passed or when the tank gets full. Additional plantings (below) were included along the perimeter of the NORA lots. Plant roots will help water infiltrate the soils and slow and filter stormwater.



Flowering plants (American Crinum Lily, left, and the Copper Iris, right) will help enhance the beauty of the landscape and define the site's boundaries.

Design Team

Project Lead
Designer

Meagan Williams, **City of New Orleans**
Meyer Engineers