

2019 Drainage Improvements

New Orleans, LA

Owner

City of New Orleans

Point of Contact

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Budget

\$4,100,000

Completion Date for Design

2021

Completion Date for Construction

2022

Project Disciplines

- Construction Management
- Residential Inspection
- Drainage Infrastructure Repair/Installation
- Road & Utility Repair

General Scope of Project

In the Fall of 2019, The City of New Orleans Department of Public Works hired a team of consultants, led by GreenPoint Engineering to provide engineering, contract administration, construction management and resident inspection services to address drainage repairs across the City of New Orleans through Community Development Block Grant (CDBG) funding. To determine the full scope and cost of the needed repairs, validation of the drainage deficiencies to be addressed was required in the subsequent design phase. Using historical records of sites within the DPW's initial list of drainage needs, Wingate performed field site assessments and subsequent analysis to determine the required course of action for each site.



The field investigation revealed that of the initial list of 98 sites, 36 sites had been addressed since the CDBG application was prepared and were therefore removed from the scope of the project. Review of on-going repair work identified 22 repair sites were found to fall within the scope of on-going Joint Infrastructure Recovery Request (JIRR) projects and could therefore be included within the scope of the corresponding JIRR projects' designs.

Wingate is assisting GreenPoint as they proceed with the design improvements of the remaining 40 sites. Of these sites, 15 sites require comprehensive drainage improvements, such as the installation of new drainage infrastructure and associated street and utility repairs, requiring more detailed hydraulic analysis and design. The remaining 25 sites require line repairs and catch basin adjustments that can be addressed by maintenance and repair construction contract.

The map above indicates the site locations for drainage issues.

