

North 3rd Street Drainage Improvements

Slidell, LA



Owner

St. Tammany Parish Government
Department of Engineering

Point of Contact

Sara P. Sharp, P.E.
Project Engineer
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Completion Date for Professional Services

Est. July 2024

Completion Date for Construction

Date

Project Disciplines

- ◆ Asset Management
- ◆ Civil Engineering Services
- ◆ Coastal Services
- ◆ Construction Phase Services
- ◆ Green Infrastructure
- ◆ Planning and Assessments
- ◆ Program Management
- ◆ Project Management
- ◆ Water Resources

General Scope of Project

Wingate Engineers has been hired by St. Tammany Parish Government to performed Engineering, Design and inspection services for drainage and transportation improvements to North 3 rd Street, located in the Alton Neighborhood of Slidell. As a result of previous feasibility study performed by Wingate for the Alton Neighborhood, the Parish was able to secure LADOTD TAP grand funding for this critical infrastructure project. The scope of work consists of preliminary and final construction plans to produce bid documents, and construction engineering and inspection services along N. 3rd street, to include, but not be limited to subsurface drainage installation and sidewalk construction. Wingate will perform all necessary reviews of the preliminary and final plans to verify concept, constructability, and accuracy of designs along with associated reports, conclusions, calculations, and recommendations.

Preliminary and final design plans will be separated into two sets of plans:

- Design plans associated with sidewalk construction and any incidental construction associated with sidewalk construction.
- Design plans associated with all other work including, but not limited to, drainage improvements and incidental construction associated with drainage improvements.



Wingate will also provide the Parish with the identity of the location and owners of all existing utilities located within the existing and proposed right of way. We will also coordinate with utility owners involving any required re-location of utilities. Wingate will be performing subsurface utility engineering services as required

Hydrologic and Hydraulic Analysis

The hydraulic design of the site will include viable drainage alternatives for the site in the preliminary design. These hydraulic designs shall be reviewed and approved by St. Tammany Parish Department of Engineering. The requirements which govern these designs are specified in the current edition of the LADOTD Hydraulics Manual.

