



**City of Locust**  
Post Office Box 190  
Locust, North Carolina 28097-0190  
(704) 888-5260

## **Project Scoping Statement**

**Project Name:** Redah Acres Sanitary Sewer Sub Basin Improvement Projects

**Project Team Members:** Owner- City of Locust

Design- Chambers Engineering PA

General Contractor- Herrin Industrial

**Project Manager-**

Stephen Chambers (CEPA)

**Start Date-**

April 13<sup>th</sup>, 2020

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### **Project Description**

This project is to increase wastewater collection capacity, so that we can better serve the growth in this sanitary sewer sub-basin. The Redah Acres Sanitary Sewer Sub-Basin includes the areas of Redah Acres, southern end of Church St., the Locust Ave. area, Whitney SD, and Town Center.

### **Project Deliverables**

- construction of 5218' of 8" PVC force main
  - current 4" PVC force main being replaced by an 8"
- construction of a new three-phase duplex lift station with mixer, controls, and stand by generators
  - new station will have additional wet well storage capacity
  - increased flow from 84 GPM to 550 GPM
  - state of the art real-time alarm and monitoring system with flow tracking ability
  - weatherproof covered electrical control area

### **Acceptance Criteria**

The project will be accepted when it is agreed upon by the owner and the design team that the deliverables meet the City of Locust Sanitary Sewer Lift Station and Force Main Specifications. This will be determined through daily inspections and standard construction inspection procedures.

### **Project Assumptions**

The entire project will take place in the existing utility/street right of way. The general contractor, Herrin Industrial, was granted permission to start on April 13<sup>th</sup> and barring any setbacks should be substantially completed by December 5<sup>th</sup>, 2020.