

FAIRCREST LIFT STATION AND SANITARY SEWER EXTENSION G.P. 1142

PRELIMINARY SCOPE OF SERVICES

This scope of services is a preliminary description of the design for the Faircrest Lift Station and Sanitary Sewer Extension project in the City of Canton. This scope outlines the basic components and dimensions of the project and some criteria of the plan preparation. It is not intended as an all-inclusive list of work required to prepare plans and specifications. The Consultant shall follow generally accepted standards and procedures to survey and design the project. These standards shall include the "Recommended Standards for Wastewater Facilities (Ten State Standards)" and City of Canton Standards.

Project Location

The proposed lift station will serve approximately Faircrest Street SW between Sherman Church Avenue SW and Interstate 77. The Lift Station will discharge to an existing City of Canton sanitary manhole located on Sherman Church Avenue SW located approximately 350 feet south of the intersection of Sherman Church Avenue and Faircrest Street.

Project General Description

The design project will include the following:

Determine most cost effective way to serve the area by gravity sewer to a lift station to be located on Faircrest Street SW.

Field surveys to establish right-of-way lines, profile over the sanitary sewer, bench marks, topographic identification and the location of all existing utilities.

Soil Borings to provide soil information for the project.

Siting of the proposed lift station.

Preparation of lift station plat and deed.

Sizing the pumps, force main, wet well and other appurtenances based on projected initial and ultimate projected flows.

Verification that the proposed wet well can be intercepted by future trunk sewer outlined in a previous engineering study.

Plans, specifications and estimate for the lift station and sanitary sewer extension.

Completion and submission of an OEPA Permit-To-Install application. The City of Canton will supply the cost of the application fee.

Project Funding

The project engineering cost will be paid for by the City of Canton local funds.

General Design Approach

Prepare detail plans and technical specifications for the construction of the lift station and sanitary sewer extension. Plans should include, at a minimum, a title sheet, general notes, site plan, plan and profile sheets, associated details and quantities. Provide sufficient detail for a complete, constructible project.

Site Plans

Detailed site plans showing the site location are attached.

For further questions, please contact the project manager:

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