

Graham Park Sewage Pumping Station and Force Main Improvements  
Project Number: SPS112  
Project Summary  
Project Commencement: Anticipated Start of Construction - Spring 2019

**Project Description:** Replacement of an existing antiquated Sewage Pumping Station (SPS) and force main (FM), and raise the SPS control building and equipment above the 100-year flood plain elevation.

**Scope of Work:** This project will consist of installing a new submersible SPS with new controls, motors, emergency generator, by-pass connection on FM, and new flow metering equipment. The proposed pump control enclosure will be about 12' in height and will be approximately 7' by 13' in size consisting of a faux-brick façade. The facility will be enclosed with an 8' high chain-link fence with barbed-wire and locked for security. Additionally, the project will provide emergency backup supply and protect pump station facilities from storm surge flooding.

**Project benefits:** The project will improve service reliability, safety conditions, and provide permanent back-up power.

**Project impact on residents/customers**

- Noise associated with construction.
- Construction trucks accessing the SPS.
- Daily cleanup during construction to remove dust and dirt.

**Potential impact on traffic:** Our standard roadway and traffic matters are outlined below. The Construction Contractor will be required to comply with Department of Environmental Quality (DEQ) Erosion and Sediment Control requirements to ensure all construction traffic does not track dirt on roads. The Service Authority will include in the construction contract a provision for fees to be assessed if the Construction Contractor does not comply with these requirements. Regular project updates to the impact of traffic will be listed on the website [Graham Park Project](#).

## **1.2 Roadways and Traffic**

### **A. Maintenance of Traffic**

1. Maintenance of traffic shall conform to the requirements of the Right-of-Way Land Use Permit issued by VDOT and the requirements of other regulatory agencies having jurisdiction.
2. When required by the Owner, the Contractor shall furnish project message boards from a VDOT-approved supplier and placed in accordance with VDOT requirements.
3. We will provide no less than 24-hour notification in the event of service disruption.

### **B. Maintenance of Roadways**

1. At a minimum, twice on a daily basis, the Contractor shall sweep and wash all paved roads that are used for hauling, in accordance with the requirements of the DEQ's Erosion and Sedimentation Control Handbook, or as directed by the Owner or Project Representative. At a minimum, the Contractor shall sweep and wash all paved roads at the Site daily.

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2. Provide wheel wash facility at locations adjacent to paved roads, in accordance with the requirements of the Virginia Erosion and Sedimentation Control Handbook, latest edition, or as directed by the Owner or Project Representative. All vehicles leaving unpaved roads must use the wheel wash facility before using paved roads.

**C. Public Service Vehicles**

1. Contractor shall ensure that school buses, postal service vehicles, trash collection vehicles, emergency vehicles, police, and other public service vehicles can conduct their business in accordance with the requirements of VDOT or other right-of-way permitting agency having jurisdiction, and in accordance with the requirements of specification section 01500 Construction Facilities and Temporary Controls.

**D. Access to Property**

1. If access to your property is needed, the contractor will make the request.
2. Easement rights will be discussed with individual landowners during the design process.

**E. Parking**

1. The Contractor will make suitable parking arrangements for the use of all construction workers and others performing Work or furnishing services in connection with the Contract, to avoid any need for parking personal vehicles where they may interfere with public traffic, residents' use of private property, or construction activities.

**Project Duration:** Approximately one year

**Project Cost:** \$1.65-\$3.18M

**Project Award:** Has not been contracted

**Project Engineer:** GHD, Inc.

**Project Point of Contact (POC):** Kathy Bentz,  
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