

Pump Station 2032 Project Briefing for Week 1

The details below outline the project referred to as PS2032, which is located in the area between North Harrington Road and Palmetto Street on Frederica Road, on the northern half of St Simons Island. This wastewater force main basin serves approximately 3,400 customers north of and including Sea Palms West. This improvement is required in order to continue serving this existing customer base and also prepare the way for future growth.

Update for Week 1

Construction has begun. Routine updates to this briefing will be posted every two weeks following a planning meeting with BGJWSC, Glynn County and contract construction personnel. The first onsite planning meeting occurred Tuesday, January 17, 2017. Following future meetings, progress will be reported in advance to the next phase of construction.

TB Landmark's drill rig is set up at Pump Station 2032 between Spanish Oaks Cove and North Harrington Road. The crew will be fusing pipe south of Benny's Red Barn Restaurant to the east and will pull pipe underground at that location at the end of this week. The pedestrian path will remain open with cones identifying the pedestrian route.

On Monday 1/23/17, the crew will move the drill rig in front of the Sea Palms Golf Course just south of North Windward Drive. A temporary bike path will be installed around the drill rig with special golf ball netting to protect pedestrians. Pipe will be fused in the Glynn County Right Of Way on South Harrington Road and will be pulled underground before the end of the week. South Harrington Road will be closed for the pipe pullback operation. This closure will be approximately 12- 24 hrs. When the pipe has safely been pulled in, the road will be opened.

On Friday 1/27/17, the drill rig will stay at the same location, but turn around to the south and drill the opposite way. Pipe will be fused along the pedestrian path at Long Point Drive, 500 foot length. The path will be closed for through passing and pedestrian traffic will be re-routed from Palm Drive to Harrogate Road to North Windward Dr and vice versa from south to north. TB Landmark expects to pull this pipe underground by Friday 2/3/17. At that point, the detour will be removed.

During this initial phase of the project, the Glynn County Public Works Department will be cutting dead limbs, or "deadwooding," over Frederica Rd. on St. Simons Island beginning today, Wednesday, January 18, 2017. Work will be conducted during a limited time frame of 9:00 a.m. to 11:30 a.m. every Tuesday, Wednesday, and Thursday until the work is complete. Work will start at Palm Dr. and proceed north to Lawrence Rd. Because this work is being conducted directly above the roadway, motorists should anticipate single lane closures, momentary full road closure, and in some areas, a full detour may be necessary. Dr. Don Gardner, County Extension Agent and County Arborist, has assessed and approved all limb cutting within the area of this project.

For questions on the "deadwooding" project, please contact Glynn County Public Works at 912-554-7746.

For the safety of pedestrians and crew members, please avoid approaching workers that are actively engaged in the construction process. BGJWSC staff will be making this information available in a handout form using brochure holders beginning in the middle of next week, or as soon as the displays arrive. Those holders will be spaced out along the available walking path and in adjacent business areas, such as Circle K, Benny's Red Barn, Sea Palms Resort office and others along the route. Exact locations will be made available in the week 2 update.

The information below will remain unchanged for each update:

What

Construction of a dedicated 16-inch force main for wastewater discharge. The 16-inch pipe will have a 14-inch inside diameter and will replace the current 8-inch force main that has exceeded design capacity. This 8-inch line has been in constant use for over 30 years.

The method of construction is 'trenchless' in which all pipe installation will be completed through horizontal drilling technology to avoid open trenches and road closures. While this will result in a greater project cost, this method is preferred in order to minimize the inconvenience to the community and protect the tree canopy.

Through BGJWSC efforts at obtaining the use of property adjacent to the project for staging equipment and materials, Palmetto St will have no more than a partial lane closure during limited periods of the project. Traffic control will be present, where necessary, throughout the project.

Where

Frederica Road areas affected during project:

(Dates are estimates, exact dates will be determined when construction begins)

S. Harrington Road: closed for two 12 to 24-hr windows during pipe pullback

Should occur end of January

Palmetto Street: no more than one lane closed at the intersection with Frederica Road.

Should occur end of March to end of April

3rd and 4th Ave: Through traffic closed

Should occur 18 days in April

West of 6th Avenue: one lane closure

Should occur 18 days in April

Pedestrian Path Detour on Frederica Road.

Harrogate Road: Detour between North Windward Drive and Palm Drive, to be used during course of construction on Frederica Road east shoulder.

Should occur mid-February to mid-March

Palm Drive and Colonial Drive: Closure of path segments and temporary reroute of path into Sea Palms Golf Course property, to be used during course of construction on Frederica Road east shoulder.

Should occur mid-March to early April

Equipment and construction trailer will be staged at 3501 Frederica Road for the course of the project. Accommodations have been made with area businesses to avoid congestion and delays.

When

Start of Project

January 2017

Phase 1 (Frederica Road)

January-April 2017

Phase 2 (Palmetto Street)

April-June 2017

Completion of Project

July 2017

Why

The 8-inch force main is too small to support existing sewer customers. Under current conditions, the force main cannot support all the flow from the twenty contributing stations in the basin. This increases the probability of Sanitary Sewer Overflows (SSOs), which impacts the public health and safety. This project is consistent with the corrective actions as directed in compliance with an existing consent order from the Environmental Protection Division of the Georgia Department of Natural Resources that resulted from recent SSOs. BGJWSC is replacing this small, incompatible pipe with a new, larger 16-inch diameter force main pipe. A larger pipe will be able to provide adequate sewer services to the public and reduce the potential for SSOs.

This project is being funded by capital reserves at a cost of approximately \$3.4 million. No SPLOST funds will be used.

Who

This project was designed by Four Waters Engineering, Inc., will be managed by the Planning & Construction Division of the BGJWSC and construction will be performed by T.B. Landmark Construction.

TB Landmark specializes in horizontal direction drill (HDD) which a majority of the construction requires. TB Landmark has the qualifications BGJWSC has specified for this project. The anticipated construction equipment for this project may include a HDD Drilling Rig, Excavators, Vacuum/Recycling Trucks, Dump Trucks, Loading/Unloading Trucks, and HDD Mud Mix Recycler.

Contact for this project is the BGJWSC Project Manager:

Todd Kline, PE, Senior Engineer,
Planning & Construction Division
Brunswick-Glynn County
Joint Water & Sewer Commission
1703 Gloucester St
Brunswick, GA 31520
Office: 912.261.7126

Regular project updates will be available on BGJWSC's website

<http://www.bgjwsc.org/>