



**Brunswick – Glynn County Joint Water & Sewer Commission  
Proposed SPLOST Project Descriptions  
March 16<sup>th</sup>, 2015**

**Sub-Basin 4013 RD I/I and Structural Upgrades.**

**(Fairway Oaks Subdivision, Chapel Crossing and north to Kensington Drive)**

Rehabilitation of approximately 24,000 LF of sanitary sewer mains using trenchless construction methods such as CIPP lining, pipe bursting; reconnection of approximately 550 sewer services and the rehabilitation or replacement of approximately 65 sanitary sewer manholes. Located in the Fairway Oaks Subdivision (aka; the Glynco Annex) the project spans from Enterprise Drive paralleling Chapel Crossing on the north to Kensington Drive on the south at the northern end of Altama Avenue. This sub-basin exhibits one of the highest rates of RD I/I in the JWSC system and contributes to major sewer surcharging and the **potential** of sewer overflow issues at LS 4013, LS 4023 and LS 4021 downstream of the project area.

**Opinion of Probable Cost:       \$2,700,000.00.**

**Basin 4035 RD I/I and Major Gravity Structural Upgrades**

**(WHITLOCK AVE, NORT TO COMMUNITY ROAD, A CONTINUATION OF A PRIOR PROJECT)**

Rehabilitate or replace approximately 6,500 LF of badly deteriorated and structurally unsound 30-inch diameter RCP gravity sewer main. Based upon additional TV inspection and analysis identify rehabilitation techniques to include excavation and replacement with new PVC pipe or trenchless technologies such as slip-lining with cured in place pipe (CIPP). Approximately 21 manholes will be lined and coated.

**Opinion of Probable Cost:       \$2,800,000.00**

**Mallory Elevated Steel Water Storage Tank**

**(BEHIND MALLORY BALL FIELD AT PRE-EXISTING WATER TOWER SITE, PROPERTY OWNED BY JWSC)**

Construct a new 500,000 gallon elevated steel water storage tank at the site of the previous EST near the recreational complex on Mallory Street. This will correct very poor fire flow capacity and associated low pressures in this highly commercialized area of St. Simons Island.

**Opinion of Probable Cost:       \$1,500,000.00**

**Basin 4036 Major Gravity Structural Upgrades**

**(INTERSECTION OF SR341 / I95, HEADING NORTHWEST TO OLD JESUP ROAD)**

Based upon additional TV inspection and analysis identify rehabilitation techniques to include excavation and replacement with new PVC pipe or trenchless technologies such as slip-lining with cured in place pipe (CIPP) of approximately 4,800 LF of 24-inch and 30-inch VCP gravity sewer mains. Approximately 12 manholes will be lined and coated.

**Opinion of Probable Cost:       \$2,000,000.00**

**LS 4039 Force main System Upgrades**

**(McBride Industrial Park, HEADING EAST TO HWY 17 SOUTH TO A LIFT STATION ½ MILE SOUTH OF CHAPPEL CROSSING ROAD ON HWY 17)**

This first phase project includes the construction of approximately 9,200 LF of new 20-inch PVC force main thereby increasing pumping capacity to accommodate projected commercial and industrial growth in this basin. Related work includes abandonment of existing 12-inch force main and upgrades to Parshall Flume.

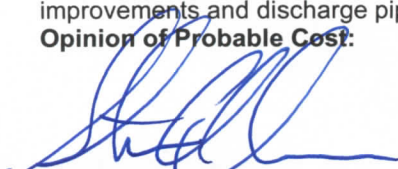
**Opinion of Probable Cost:       \$1,200,000.00**

**LS4048 - LS4028 – LS4006 Improvements**

**(MAJOR FORCE MAIN COLLECTION SYSTEM THAT LIES BETWEEN HWY17 AND ALTAMA AVE.)**

These three lift stations, all located along the eastern sewer route to the Academy Creek WPCP and manifolded prior to discharge to LS 4005, require a single CIP project to accommodate the significant growth anticipated north of and along this corridor. Manifolding of the three lift stations will be eliminated by the construction of a new 24-inch PVC force main for LS4048; a new 18-inch PVC force main for LS4006; and related upgrades to the downstream gravity systems. Lift station upgrades will be required at LS4028 to accommodate the modified system head conditions; and new pumps, controls, electrical improvements and discharge piping at LS 4006 and LS4048 to increase pumping capacity.

**Opinion of Probable Cost:       \$5,600,000.00**

  
**Stephen A. Swan**  
Executive Director

  
**Donald M. Elliott**  
Chairman of Commission

  
**Ronnie Perry**  
Chairman Facilities Committee