

September 24, 2014

TO: Board of Mayor and Aldermen

FROM: Eric S. Stuckey, City Administrator
Paul Holzen, P.E., Director of Engineering
David Parker, P.E., City Engineer
Mark Hilty, P.E., Director of Water Management
Patricia Proctor, P.E., Utilities Engineer II

SUBJECT: Water & Sewer CIP Status

Purpose

The purpose of this memo is to update the Board of the status of some of the City's water and sewer projects.

Project Status

A. I65 widening/Goose Creek Interchange Utility Relocation

Key Dates: Design Start – September 11, 2012; Design Completion – October 25, 2012 (to be extended due to revisions by TDOT); Easement Acquisition Start – January 2013; Easement Acquisition Completion – March 2014; Bid Date: August 30, 2013; Construction Start – December 15, 2013; Construction Completion – May 2, 2014 (for the utility work; not the roadway portion)

Cost: Design – \$81,870.00; Easement – \$52,340.00; Construction - \$1,200,000.00 (estimate)

Funding Source: Design – Water and Sewer Operating Fund (to be reimbursed by TDOT); Construction - TDOT

Status Update: The contractor has completed the water line work and has started on the sanitary sewer and reclaimed water lines installation at Goose Creek Bypass and Five Mile Creek.

B. 11th Avenue Improvements

Key Dates: Design Start – January 22, 2013; Design Completion – July 2013; Easement Acquisition Start – November 2013; Easement Acquisition Completion – January 2014; Bid Date: November 25, 2013; Construction Start – May 2014; Construction Completion – September 2014

Cost: Design – \$47,232.00; Construction - \$679,558.00

Funding Source: Design – Water and Sewer Operating; Construction - Water & Sewer Fund

Status Update: Work began on May 19, 2014. The contractor is waiting on Atmos Energy to relocate one of its 6 inch lines before work can start up again.

C. North Petway Sewer Rehabilitation

Key Dates: Design Start – October 23, 2012; Design Completion – February 2013; Bid Date: August 2013; Construction Start – November 2013; Construction Completion – February 2014

Cost: Design – \$23,600.00; Easement – N/A; Construction - \$900,000.00 (estimated)

Funding Source: Design – Water and Sewer Operating; Construction - Water & Sewer Fund

Status Update: The WMD will be constructing the gravity sanitary sewer in-house and plan to do this work in the spring of 2014. The lining portion of the project will be bid out this summer and constructed after the services are upgraded but before the replacement of portions of the gravity sewer line.

D. Spencer Creek Basin – South Prong Interceptor Upgrade

Key Dates: Design Start – April 23, 2013; Design Completion – TBD; Bid Date: TBD; Construction Start – TBD; Construction Completion – TBD

Cost: Design – \$337,000.00; Easement – TBD; Construction - TBD

Funding Source: Design – Sewer Fund; Easements – TBD; Construction - TBD

Status Update: The engineer is submitting the final Technical Memorandum on May 15, 2014.

E. Charlton Green Sanitary Sewer Improvements

Key Dates: Design Start – November 12, 2013; Design Completion – March 2014; Bid Date: April 7, 2014; Construction Start – June 2014; Construction Completion – October 2014

Cost: Design – \$19,895.00; Easement – N/A; Construction – \$430,000.00

Funding Source: Design – Sewer Operating; Construction - Sewer Fund

Status Update: The bid was approved on the May 13, 2014 at the BOMA meeting. A Public Information Meeting was held on May 28, 2014. The contractor would like to start in mid-August.

F. Spencer Creek at Franklin Road Sewer

Key Dates: Design Start – March 11, 2014; Design Completion – TBD; Easement Acquisition Start – TBD; Easement Acquisition Completion – TBD; Bid Date: TBD; Construction Start – TBD; Construction Completion – TBD

Cost: Design – \$40,000.00; Easement – TBD; Construction – TBD

Funding Source: Design – Sewer Fund

Status Update: The project was approved at the March 11, 2014 BOMA meeting. The survey has been done and initial layouts have been developed.

G. Southwest Basins 2 & 3 Study

Key Dates: Design Start – March 11, 2014; Design Completion – TBD

Cost: Design – \$38,000.00

Funding Source: Design – Sewer Fund

Status Update: Staff and the consultant are meeting on June 24, 2014 to discuss progress to date.

H. Curd Branch and Watson Branch Interceptor Sewer

Key Dates: Design Start – February 25, 2014; Design Completion – TBD; Easement Acquisition Start – TBD; Easement Acquisition Completion – TBD; Bid Date: TBD; Construction Start – TBD; Construction Completion – TBD

Cost: Design – \$115,000.00; Easement – TBD; Construction – TBD

Funding Source: Design – Sewer Fund

Status Update: City staff and the engineer met on May 5, 2014 to discuss the 60% plans. A Public Information Meeting was held on May 28, 2014.

I. Fieldstone Farms Pump Station No. 1 Rehabilitation

Key Dates: Design Start – January 14, 2014; Design Completion – July 2, 2014; Bid Date: August/September 2014; Construction Start – TBD; Construction Completion – TBD

Cost: Design – \$226,848.00; Construction – \$2.7 million (estimated)

Funding Source: Design – Sewer Fund

Status Update: City staff has reviewed the 30% plans and returned comments to the engineer to address.

J. Sanitary Sewer System Model and Capacity Assurance Tool – Phase 1

Key Dates: Design Start – March 11, 2014; Design Completion – TBD

Cost: Design – \$182,000.00

Funding Source: Design – Sewer Fund

Status Update: City staff and the engineer met on May 27, 2014 discuss the tasks in more detail and looked at possible locations for flow monitors.