



## MEMORANDUM

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March 6, 2013

TO: Board of Mayor and Aldermen

FROM: Paul Holzen, P.E., Director of Engineering  
Eric S. Stuckey, City Administrator  
David Parker, P.E., City Engineer

SUBJECT: CIP Project Status – Water & Sewer Projects

### 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. Water, Wastewater and Reclaimed Water Specifications**

**Key Dates:** Start – March 1, 2010; Expected Completion – March 2013

**Cost:** \$59,500.00

**Funding Source:** Water Management Department Operations

**Status Update:** A section of design guidelines needs to be added to the updated General Specifications before bringing the document to the CIC for consideration.

#### **B. West Main Street Water and Sewer Rehabilitation**

**Key Dates:** Design Start – April 26, 2011; Design Completion – May 2012; Easement Acquisition Start – May 1, 2012; Easement Acquisition Completion – June 8, 2012; Bid Date: May 29, 2012; Construction Start – July 9, 2012; Construction Completion – September 15, 2012 for sewer and November 2012 for water

**Cost:** Design – \$146,000.00; Easement – N/A; Construction - \$1,252,345.00

**Funding Source:** Design – Water and Sewer Operating; Construction - Water & Sewer Fund/SRF/ARRA Loan

**Status Update:** The final change order for the project is on the agenda for the March 2013 CIC meeting. This is the final status update.

#### **C. Mack Hatcher Northwest Extension water and sewer line relocations**

**Key Dates:** Design Start – May 10, 2011; Design Completion – May 2012; BOMA Approval of TDOT Contract – April 26, 2011

**Cost:** Design – \$80,000.00

**Funding Source:** Design – Water Taps

**Status Update:** The water, sewer and reclaimed water relocation plans were approved by the TDOT Utilities office on September 10, 2012. The project is on hold until TDOT funds the extension project.



**D. I65 widening/Goose Creek Interchange Utility Relocation**

**Key Dates:** Design Start – September 11, 2012; Design Completion – October 25, 2012; Easement Acquisition Start – January 2013; Easement Acquisition Completion – May 2013; Bid Date: May 24, 2013; Construction Start – June or July 2013; Construction Completion – Summer of 2014

**Cost:** Design – \$81,870.00; Easement – N/A; Construction - \$1,200,000.00 (estimate)

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

**Status Update:** TDOT has the widening and interchange project on the letting schedule for May 24, 2013. As part of the submittal package to TDOT, the City included an upgrade of the existing 8 inch water line that currently runs under I65 to a 12 inch water line. This is a project that the City has been discussing doing for several years and saw this project as an opportunity to have the line upgraded at a significantly lower cost by having the line upsized when TDOT was working on I65. This is referred to as a betterment cost by TDOT and will cost the City \$62,000.00 to have the water line upsized as part of the I65 project.

**E. 7<sup>th</sup> Avenue to Hillsboro Road Sewer Rehabilitation Project (West Main Phase 2)**

**Key Dates:** Design Start – April 24, 2012; Design Completion – January 2013; Easement Acquisition Start – September 2012; Easement Acquisition Completion – October 2012; Bid Date: February 26, 2013; Construction Start – April 1, 2013 (estimated); Construction Completion – July/August 2013 (estimated)

**Cost:** Design – \$45,000.00; Easement – \$0; Construction - \$ 600,000.00 (estimated)

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

**Status Update:** TDEC approval of the plans has been obtained. The job was advertised and the bids opened on February 27, 2013. The recommendation to award the project to S & R Excavation is on the March CIC Agenda.

**F. 11<sup>th</sup> Avenue Water and Sewer Rehabilitation Project**

**Key Dates:** Design Start – January 22, 2013; Design Completion – June 2013; Easement Acquisition Start – May 2013; Easement Acquisition Completion – July 2013; Bid Date – August 2013; Construction Start – September 2013; Construction Completion – February 2014

**Cost:** Design – \$47,232.00; Easement – N/A; Construction - \$647,000.00 (estimated)

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

**Status Update:** The project area has been surveyed. The engineer has started preliminary design on the project.

**G. North Petway Sewer Rehabilitation Project**

**Key Dates:** Design Start – October 23, 2012; Design Completion – February 2013; Easement Acquisition Start – N/A; Easement Acquisition Completion – N/A; Bid Date: April/May 2013; Construction Start – May/June 2013; Construction Completion – December 2013

**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:** Plans were reviewed by City Staff and comments returned to the engineer. After additional evaluation by City Staff, there are sections of the existing sanitary sewer line that may be lined rather than dug up and replaced. The engineer is working on making those changes and will then submit the project to TDEC for approval. The City is doing this job in-house.



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FRANKLIN  
TENNESSEE

## MEMORANDUM

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### **H. Spencer Creek Basin – South Prong Interceptor Upgrade**

**Status Update:** The engineering firm has submitted a proposal for review by City Staff. Staff is in the process of setting up a meeting to discuss the proposal prior to it going on any agenda.