



HISTORIC
FRANKLIN
TENNESSEE

DATE: February 15, 2019

TO: Board of Mayor and Aldermen

FROM: Eric Stuckey, City Administrator
Mark Hilty, Assistant City Administrator for Public Works
Michelle Hatcher, Director of Water Management
Patricia McNeese, Utilities Engineer II

SUBJECT: Water and Sewer Projects Status Report

Purpose

The purpose of this memo is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning the status of some of the City's water and sewer projects.

Project Status

A. Spencer Creek Basin - South Prong Interceptor Upgrade

Project Description: Replacement of approximately 3,827 linear feet of 36 inch sanitary sewer line and 836 linear feet of 8 inch sanitary sewer line along South Prong from east of Mallory Lane to north of Cool Springs Boulevard

Key Dates: Design Start - April 23, 2013; Design Completion - February 2017*;
Easement Acquisition - TBD; Construction - Not Funded

*Denotes Estimated Date

Cost: Design - \$337,000.00; Easement - Not Funded; Construction - Not Funded

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

Status Update: Plans are complete but will not be submitted to TDEC for approval until the project is closer to bid. Easement documents have been prepared and submitted to City Staff for review. The project will not be constructed until funding is available from the Water Management Department budget.

B. Spencer Creek at Franklin Road Sewer

Project Description: Replacement and relocation of approximately 1,462 linear feet of 36 inch sanitary sewer line, 717 linear feet of 12 inch sanitary sewer line and 362 linear feet of 8 inch sanitary sewer line along Spencer Creek from CSX Railroad to northwest of Franklin Road and south of the First United Methodist Church



Key Dates: Design Start - March 11, 2014; Design Completion - June 2015; Easement Acquisition Start - September 2015; Easement Acquisition Completion – March 2019*; Bid Date: May 2019*; Construction Start - August 2019*; Construction Completion – February 2020*

*Denotes Estimated Date

Cost: Design - \$40,000.00; Construction - TBD

Funding Source: Design - Sewer Fund

Status Update: The plans are 100% complete. Three of the four easements required have been obtained; the last easement is still in negotiation. The project will be bid once the easement has been obtained.

C. Bobby Drive Water Line Improvement Project

Project Description: Replacement of 6,650 linear feet of 6 inch water line from Hillsboro Road to Bradley Drive along Bobby Drive

Key Dates: Design Start - May 12, 2015; Design Completion - April 2016; Easement Acquisition Start - June 2016; Easement Acquisition Completion – February 2019*; Construction - To be completed in-house by Water Management Department staff

*Denotes Estimated Date

Cost: Design - \$80,313.00; Easements - TBD; Construction - TBD (Materials Only)

Funding Source: Design and Easements - Water Operating Fund

Status Update: Phase 1 has been completed. Phase 2 will be broken into two phases; phase one of Phase 2 will begin in approximately a month. Only 1 easement remains to be obtained.

D. Old Carters Creek Water Line Improvements

Project Description: Replacement of 2,100 linear feet of 8 inch water line along Old Carters Creek Pike from intersection of Old Carters Creek Pike and Carters Creek Pike to 164 Old Carters Creek Pike then along Hatcher Spring Creek to Carters Creek Pike then east to the water line in Bradford Drive

Key Dates: Design Start - May 12, 2015; Design Completion - July 2017; Easement Acquisition Start - August 2017; Easement Acquisition Completion - June 2019*; Construction - to be completed in-house by Water Management Department staff

*Denotes Estimated Date

Cost: Design - \$101,278.00; Easements - TBD; Construction - TBD (Materials Only)

Funding Source: Design and Easements - Water Operating Fund

Status Update: This project will be constructed in two phases with the entire job being designed now.

E. Henpeck Lane Sanitary Sewer Project

Project Description: Installation of 3,665 linear feet of 12 inch sanitary sewer line along a tributary of Five Mile Creek from Ellington Drive to Henpeck Lane



Key Dates: Design Start - July 2017; Design Completion - August 2018*; ROW/Easement Start - February 2018*; ROW/Easement End - December 2018*; Construction Start - April 2019*; Construction End - December 2019*;

*Denotes Estimated Dates

Cost: Design - \$176,000; ROW/Easement/Contracts - \$200,000; Construction - est. \$2,000,000

Status Update: The school has requested to extend the sewer to their vacant lot for a future school site. All easements have been obtained.

F. Water Reclamation Facility Modifications Project

Project Description: Extensive upgrades to the existing sanitary sewer treatment plant, including new headworks structures, equalization basin, odor control systems, biological nutrient removal basin splitter box, improvements to the reclaimed water pump station, onsite piping improvements, two-channel ultraviolet disinfection system, alum storage and feed system and a new solids treatment facility

Key Dates: Design Start - February 12, 2013; Design Completion - May 2018; Construction Start - November 2018; Construction End - October 2021;

*Denotes Estimated Dates

Cost: Design - \$ 7,806,980.00; Construction - \$132,890,000.00

Status Update: Office trailers have been set up at the Facility. The temporary construction entrance off of Mack Hatcher is almost complete. Contractor is isolating pipes that are connected to the existing processes that will remain while construction is ongoing. The baseline schedule has been submitted for review as well as several submittals.

G. Holiday Court Pump Station Project

Project Description: Upgrade of the existing pump station at the end of Holiday Court and the 6 inch force main

Key Dates: Design Start - January 10, 2017; Design Completion - December 2017; Easement Acquisition Start - April 2018; Easement Acquisition Complete – February 2019*; Bid Date – April 2019; Construction Start - June 2019*; Construction End – December 2019*

*Denotes Estimated Dates

Cost: Design - \$89,569.00; Easements - \$18,000.00; Construction - est. \$564,000.00

Status Update: Working with the consultant on the bid documents.

H. Church Street Water and Sewer Improvements

Project Description: Installation of a water line from Columbia Avenue to 3rd Avenue South; replacement of sanitary sewer lines from 3rd Avenue South to 5th Avenue South

Key Dates: Design Start – March 2019*; Design Completion – April 2019; Bid Date – TBD; Construction Start – TBD; Construction End – TBD

*Denoted Estimated Date

Cost: Design – TBD; Construction - TBD



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Status Update: Survey has been completed. Design consultant to be determined in the next month.