



HISTORIC  
FRANKLIN  
TENNESSEE

**DATE:** March 25, 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 – April 2019\*; Bid Date: June 2019\*; Construction Start - September 2019\*; Construction Completion – May 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. The first phase of Phase 2 has started. 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 – July 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. The Water Management Department plans to begin Phase 1 at the start of the new fiscal year.

#### 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 – June 2019\*; Construction End – March 2020\*;

\*Denotes Estimated Dates

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

**Status Update:** Bids were released on March 21, 2019 and will be opened and read aloud to the public on April 26, 2019 at 2:00 pm. The project will begin in July 2019.

#### **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 complete. Work onsite to isolate on-going processes continues.

#### **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 3<sup>rd</sup> Avenue South; replacement of sanitary sewer lines from 3<sup>rd</sup> Avenue South to 5<sup>th</sup> Avenue South

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

\*Denoted Estimated Date

**Cost:** Design – TBD; Construction - TBD

**Status Update:** Survey has been completed. Design consultant to be determined.