




HISTORIC
FRANKLIN
TENNESSEE

ITEM #08
WS 02-11-14

MEMORANDUM

January 30, 2014

TO: Board of Mayor and Aldermen

FROM: Eric Stuckey, City Administrator 
David Parker, City Engineer/CIP Executive
Mark Hilty, Director of Water Management
Paul Holzen, Director of Engineering
Patricia Proctor, Utilities Engineer II

SUBJECT: **Consideration of Resolution 2014-12 A Resolution Funding the Curd Branch and Watson Branch Interceptor Sewer Improvements Project and a Professional Services Agreement with Smith Seckman Reid, Inc. (SSR) (COF Contract No. 2014-0003) for the Engineering Design and Construction Administrative Services for the Curd Branch and Watson Branch Interceptor Sewer Improvements.**

Purpose

The purpose of this memorandum is to provide information to the Board of Mayor and Aldermen (BOMA) for the consideration of the Professional Services Agreement (PSA) with Smith Seckman Reid, Inc. (SSR) to design the required upsizing of the existing sanitary sewer from a 15 inch diameter to a 24 inch diameter.

Background

In March of 2013, City Staff along with Smith Seckman Reid, Inc updated the Watson Branch Sanitary Sewer Basin Study. This study highlighted a section of Watson Branch that would need future evaluation as the basin continues to develop (See Exhibit A). On November 12, 2013, the Board of Mayor and Alderman approved a Professional Services Agreement with SSR to evaluate this section of Watson Branch and the proposed sanitary sewer flows associated with the sanitary sewer sub basin. As part of this study, City Staff evaluated the potential development east of I-65 from SR96E to Liberty Pike and potential development along Clovercroft Road.

In addition to the above information, City staff has been working with the Ingraham Partners LP who currently owns a large tract of land that is described as 4101 Clovercroft Road or Map 80, Parcel 44.01. Ingraham Partners LP recently requested annexation to construct approximately 146 single family houses and requested approval to pump sanitary sewer flow from Mayes Creek Basin to the Spencer Creek Basin. Due to the potential of long term capacity issues in Spencer Creek basin, City staff was not willing to allow this option. In recent meetings with the developer they have proposed to take the McKay's Mill West Pump Station offline if the City would allow them to connect to the McKay's Mill East Pump Station, which would essentially decrease overall sanitary sewer flows in Spencer Creek and allow their development to move forward. Taking the McKay's Mill West pump station offline will add an instantaneous flow to the Watson Branch Interceptor Sewer requiring the City to upgrade a section of the Watson Branch Sewer. It should be noted that, regardless of the Ingraham property development, this section of the Watson Branch Sewer will eventually need to be upgraded due to the proposed land uses along Carothers Parkway.

Smith Seckman Reid, Inc., recently submitted a Technical Memorandum to the City showing that most of the existing 15-inch sewer is capable to handle average daily flows but full capacity is exceeded for peak flows in several sections. Their recommendation is to upsize a portion of the sewer line from 15 inch to 24 inch to handle these peaks flows and future flows within the basin.



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Financial Impact

Approval of Resolution 2014-12 will require approximately \$1,500,000 to be **paid from the Sanitary Sewer Access and System Development Fund** and includes the design, easement acquisition and construction associated with the project.

The cost as negotiated with Smith Seckman Reid for the design and construction management services is a total amount not to exceed \$112,000. Based on the work involved, the proposed cost appears to be appropriate.

Recommendation

Staff recommends approval of Resolution 2014-12 A Resolution Funding the Curd Branch and Watson Branch Interceptor Sewer Improvements and approval of the Professional Services Agreement with Smith Seckman Reid, Inc. (SSR) (COF Contract No. 2014-0003) for the Engineering Design and Construction Administrative Services for the Curd Branch and Watson Branch Interceptor Sewer Improvements.

RESOLUTION 2014-12

**A RESOLUTION FUNDING THE CURD BRANCH AND WATSON
BRANCH INTERCEPTOR SEWER IMPROVEMENTS**

WHEREAS, on November 11, 2013 the Board of Mayor and Aldermen approved a Professional Services Agreement with Smith Seckman Reid, Inc. (COF 2013-0175) for the Watson Branch East of I-65 Drainage Basin Study Update; and

WHEREAS, due to the existing and proposed land uses in the Watson Branch Sanitary Sewer Drainage Basin a portion of the 15-inch sanitary sewer line needs to be improved to a 24-inch line; and

WHEREAS, the City of Franklin is finalizing the Professional Services Agreement (COF Contract No 2014-003) with Smith Seckman Reid, Inc. for the design of the Curd Branch and Watson Branch Interceptor Sewer Improvements Project; and

WHEREAS, the estimated design, easement acquisition and construction costs associated with the Curd Branch and Watson Branch Interceptor Sewer Improvements Project is approximately One Million Five Hundred Thousand and No/100 Dollars (\$1,500,000.00).

NOW THEREFORE, BE IT RESOLVED by the Board of Mayor and Aldermen of the City of Franklin, Tennessee, that the Curd Branch and Watson Branch Interceptor Sewer Improvements Project shall be funded for construction to allow development within the Watson Branch Sanitary Sewer Drainage Basin.

IT IS SO RESOLVED AND DONE on this ___ day of _____, 2014.

ATTEST:

CITY OF FRANKLIN, TENNESSEE

By: _____

ERIC S. STUCKEY
City Administrator

By: _____

DR. KEN MOORE
Mayor

Approved as to Form

By: _____

Sauna R. Billingsley
City Attorney