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Title: *Consideration of Amendment to City of Franklin Contract 2016-316 with Hazen & Sawyer for Assessment of the Harpeth River Interceptor

Sponsors: Mark Hilty, Michelle Hatcher

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Attachments: 1. 21070505_MAP_2017 Harpeth River Repair Sites, 2. 2016-0316 Amendment 1 HAZEN PSA_with ScopeLaw Approved

Date	Ver.	Action By	Action	Result
5/9/2017	1	Work Session	acknowledged	
5/9/2017	1	Board of Mayor & Aldermen	approved	Pass

DATE: May 1, 2017

TO: Board of Mayor and Aldermen

FROM: Eric Stuckey, City Administrator
Mark Hilty, ACA Public Works
Michelle Hatcher, Interim Water Management Director

SUBJECT:

*Consideration of Amendment to City of Franklin Contract 2016-316 with Hazen & Sawyer for Assessment of the Harpeth River Interceptor

Purpose

The purpose of this memo is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning the proposed contract amendment to COF Contract 2016-316 for assessment of the Harpeth River interceptor.

Background

On April 25, 2017 staff discovered a line failure of the 54" sanitary sewer interceptor along the Harpeth River. This failure is located downstream of the failure that occurred in February of this year. Staff and contractors were able to establish bypass pumping prior to any overflow of the system. Including the line failure near Pinkerton Park in 2014 and the site near Chestnut Bend that is currently under repair, we have now experienced significant line failures in the Harpeth River Interceptor line between Pinkerton Park and the Water Reclamation Facility and was installed in the 2002 timeframe (approximately).

At the time, the line failure in 2014 was largely attributed to an underground spring at the location of the failure. Staff followed up with CCTV inspection of the majority of large diameter infrastructure in 2015-2016. In reviewing the results of the CCTV work, staff began addressing identified issues, and contracted with Hazen and Sawyer to assist with the evaluation and to develop alternatives to address deficiencies in the fall of 2016. During the development of the report, the City experienced the line failure currently being repaired behind Chestnut Bend. The nature of these two failures and what we have seen during the execution of the most recent repair, causes us to question the longevity of the installation performed approximately 16 years ago. In our estimation, this is infrastructure that should serve the City for over 50 years.

Based on this new information, staff believes that it is imperative that the scope of Hazen & Sawyers contract be expanded to provide for more comprehensive evaluation and to provide for bidding, resident project representation as necessary for identified repair locations, investigation and design services.

Financial Impact

At the time of this memorandum, financial impact had not yet been established. Staff will provide this information for consideration by the May 9, 2017 BOMA meeting.

Recommendation

Staff recommends that the BOMA amend COF Contract 2016-316 to provide for more aggressive and comprehensive services related to the Harpeth River Interceptor.