



Legislation Details (With Text)

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Title: Emergency City of Franklin Contract 2017-0033, Emergency 54" Sanitary Sewer Repair Project (Chestnut Bend Subdivision)

Sponsors: Mark Hilty

Indexes:

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Attachments: 1. 20170310_CON_Harpeth River Interceptor Repair COF Walker FINAL_V1, 2. Chestnut Bend Repair

Date	Ver.	Action By	Action	Result
3/28/2017	1	Board of Mayor & Aldermen	approved	Pass

DATE: March 19, 2017

TO: Board of Mayor and Aldermen

FROM: Eric Stuckey, City Administrator
Mark Hilty, Assistant City Administrator - Public Works

SUBJECT:
Emergency City of Franklin Contract 2017-0033, Emergency 54" Sanitary Sewer Repair Project (Chestnut Bend Subdivision)

Purpose

The purpose of this memorandum is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning Emergency City of Franklin Contract 2017-0033 with Walker Building Group, LLC, approved on behalf of the BOMA for emergency repair services to a 54" sanitary sewer interceptor adjacent to the Chestnut Bend Subdivision.

Background

In February 2017 the City of Franklin responded to a sinkhole call in the Chestnut Bend Subdivision. Upon further investigation it was determined that the sinkhole was caused by the failure of a 54" sanitary sewer interceptor. The failure, occurring at the crown of the pipe, allowed for flow to continue in the interceptor and not cause an overflow. To date no sanitary sewer overflows have occurred.

To reduce the potential of a sanitary sewer overflow as well as to prepare for the repair process, the City worked with Xylem Dewatering Solutions to establish bypass pumping of the location. The initial work with

Xylem is presented as an additional item on behalf of the BOMA on this agenda. The ongoing bypass work will be performed by Xylem through a subcontract with Walker Building Group.

Since the time of the incident, the City has been working with Hazen Sawyer to evaluate the emergency repair. Hazen Sawyer, already contracted with the City, provided assistance with developing the repair approach presented in the technical memorandum within the contract with Walker Building Group. On March 10, 2017 the City executed the contract with Walker Building Group to perform the repair services. It is anticipated that the project will be completed by early to mid-June with the interceptor repair work completed by the end of April or early May.

City staff has been in close contact with the Chestnut Bend Homeowners Association Leadership throughout the process to ensure there is an open dialogue regarding among other items, site security, anticipated schedule, site access and easements, and closure of the eastern loop of the multi-use trail. Exhibit A presents a map of the work site including the work zone, trail closure locations, pump and bypass line locations, and other items.

Financial Impact

The projected cost of the repair is \$1,240,350. The contract total will be dependent on field conditions encountered during the repair process and the duration of the project. Sufficient funds are available for upgrades and maintenance of the existing system within the FY17 Water Management operating budget.

Recommendation

A recommendation for this item is not applicable.