



DEPARTMENT OF PUBLIC WORKS - Engineering Division

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TO: Members of the Finance and Utilities Committees
FROM: Ross Buetow, Deputy Director/City Engineer *RMB*
SUBJECT: Request for Program Modifications – 2017 Wastewater Capital Improvements (5431)
DATE: August 2, 2017

As part of the recent Erb Park swimming pool reconstruction, a new stormwater pond was installed along the southern boundary of the park. This pond is in close proximity to a 15” sanitary sewer main located within vacated Roosevelt Street right-of-way between Durkee Street and Drew Street.

Shortly after the pond was completed, it was discovered that a fairly consistent amount of liquid began seeping from the side slope of the new pond. We tested this liquid to help identify its source, but the tests were inconclusive, other than ruling out the City’s water distribution system. One possible source of this seepage could be exfiltration from our adjacent sanitary sewer main.

The existing main is vitrified clay pipe installed in 1926. This type and age of pipe has historically shown large degrees of exfiltration and/or infiltration at the pipe joints. Prior to the discovery of the seepage, structural lining of this pipe was tentatively planned within the next ten year timeframe. In an effort to help address the seepage concern, we would like to advance the timeframe of the structural lining of this pipe to this construction season.

To accomplish this we propose the following:

Addition to the 2017 project list:

- Structural manhole-to-manhole lining of 463 LF of 15” sanitary main in vacated Roosevelt Street from Durkee Street to Drew Street (estimated cost \$25,000.00).

This proposed program change will not require any additional funding or any transfer of funds among business units. Sufficient fund balance exists within the Public Works Capital Improvements business unit to complete this work.

Please feel free to contact me if you have any questions regarding this request. Thank you for your consideration.

c: Tony Saucerman, Finance Director
Paula Vandehey, Director of Public Works