



Waukesha Water Utility

SERVING WAUKESHA SINCE 1886

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MEMORANDUM

DATE: September 12, 2016

TO: Dan Duchniak, P.E.

FROM: Kelly Zylstra, P.E.

RE: Sunset Drive (M00499) Water Main Replacement Project; Gramling to Sunset View

In August, the Commission approved a change order for the water main work within the City's 2016 roadway reconstruction project limits on Sunset Drive, in an amount not to exceed \$200,000.

Of this amount, the cost for the replacement of the 12-inch corroded water main on the south side of the road totaled \$160,699.17. The remaining water main work for the Sunset roadway reconstruction project consists of the need to offset the water main to avoid three separate vertical conflicts with the new storm sewers.

These conflicts were not discovered by the consultant hired by the City to do the design and therefore were not bid. We were able to work with the City to modify the design of one storm sewers that cross Sunset Drive to resolve a conflict; however the 36-inch storm outfall depth is mandated by WDNR, so the only resolution there is to lower the water main.

Since this work was not bid, we obtained prices from two contractors to do the 12-inch and 16-inch offset work. Due to construction timing, the 8-inch offset work was already performed by the storm sewer contractor, and the 16-inch offset work is scheduled for September 14th. We are comfortable with the prices listed below and the contractor who will be performing the work.

The cost to offset the 8-inch water lateral to the Belman Homes property was \$7,450.

The 16-inch (reduced southeast pressure zone) will cost \$25,500.

The 12-inch (central pressure zone) will cost \$26,500.

The total of all of the work listed above totals \$220,149.17 which exceeds the amount authorized previously by the Commission.

There is money remaining within account 3431 of the 2016 budget for this work, therefore I am asking for the not to exceed amount to be increased to cover the costs of the offsets.

Recommended Motion: Move to increase the not to exceed amount for the water main work within the City's 2016 roadway reconstruction project limits on Sunset Drive to an amount not to exceed \$225,000.