



To: Gahanna City Council
Raymond Mularski, City Attorney

From: D. Grant Crawford, Director of Public Service & Engineering
Laurie A. Jadwin, Mayor

Date: July 21, 2021

Re: Dept. of Public Service & Engineering Report to Council (July 26, 2021 Meeting)

UPDATES

See 7/19/21 Mayor's Report.

ACTION ITEM

CLAYCRAFT ROAD WATERLINE REPLACEMENT – AWARD OF CONTRACT & SUPPLEMENTAL

The Department of Public Service & Engineering is respectfully requesting legislation authorizing the Mayor to enter into contract with AECOM for design of the Claycraft Road waterline replacement. The project will replace the existing Claycraft Road waterline between Morrison Road and Taylor Station Road in addition to addressing related improvements (valves, hydrant replacements, site restoration, etc.). The design of this water main replacement will be coordinated with the City's planned improvements to the Taylor Station Road / Claycraft Road intersection.

The existing 12 inch waterline was installed in 1968. The waterline has a long history of breaks dating back many years. Most recently, over the past five years, the line has experienced four (4) major breaks, causing disruptions to businesses and residents along Claycraft Rd. Each break required the waterline to be temporarily shut down, which caused businesses to suspend operations for hours. Age-related corrosion and stresses from the old railroad crossing appear to be the primary causes of these breaks. As one of the two supply lines to Gahanna's water tower that feeds the industrial zone and hundreds of residential homes, the replacement of this line is critical in providing safe and reliable water service.

The Department also requests a supplemental appropriation in the amount of \$55,000 to conduct additional surveying and engineering work related to this project. Following a recent update to Gahanna's water distribution model, it was discovered that this main creates excess pressure losses from the booster station, causing reduced water supply and increased pumping. Those losses are believed to be the result of the waterline's age, condition, and numerous repairs. While this project was originally focused solely on the area of most frequent breaks, we now need to complete a full replacement of this line. The change will require additional surveying and engineering effort.



In summary, the Administration respectfully requests Council to issue an ordinance authorizing the Mayor to enter into contract with AECOM and a supplemental appropriation for this project.

Legislation Needed: Ordinance

Emergency/Waiver: None

Vendor Name: AECOM Technical Services, Inc.

Vendor Address: 277 West Nationwide Boulevard, Columbus, OH, 43215

Already Appropriated (Amounts & Accounts):

\$65,000 from 652.11.000.5505

Supplemental/Transfer (Amounts & Accounts):

\$55,000 from unappropriated, unencumbered balance of the Capital Water Utility fund to 652.11.000.5505