



**CITY OF WAUKESHA**

**Administration**

201 Delafield Street, Waukesha, WI 53188  
 Tel: 262.524.3701 fax: 262.524.3899  
 www.waukesha-wi.gov

<b>Committee:</b> Board of Public Works	<b>Date:</b> 7/19/2018
<b>Common Council Item Number:</b> ID #18-1065	<b>Date:</b> 8/7/2018
<b>Submitted By:</b> Fred Abadi, Director of Public Works	<b>City Administrator Approval:</b> Kevin Lahner, City Administrator KL
<b>Finance Department Review:</b> Rich Abbott, Finance Director RA	<b>City Attorney's Office Review:</b> Brian Running, City Attorney BR
<b>Subject:</b> Review and act on Contract Change Order No. 1 with Advance Construction, Inc., for the Motor Avenue and Fairview Avenue Utility and Street Reconstruction-Concrete project.	

**Details:**

Contract Change Order No. 1 is for

**Roadway** - Throughout the project the contractor while excavating the road, found very poor subgrade soils including organic material which is unsuitable for building a road on. The extra costs associated with over excavating poor soils will be paid by contract unit bid price as explained below:

1. Additional quantity for Bid Item #04020 – 1-1/4" Crushed Stone Roadway Base  
 Additional 500 Ton. Unit Bid Price of \$11.55/ Ton ..... \$5,775.00
2. Additional quantity for Bid Item #04502 – Crushed Aggregate Base Course, 1-1/4" (Includes EBS)  
 Additional 1440 Ton Unit Bid Price of \$16.55/ Ton. .... \$23,832.00
3. Additional quantity for Bid Item #04521 – Crushed Aggregate Base Course, Gradation No. 1 (Includes EBS)  
 Additional 650 Ton Unit Bid Price of \$16.55/Ton ..... \$10,757.50
4. Additional quantity for Bid Item #04015 – Geotextile Fabric Type SAS Non-Woven  
 Additional 1480 SY. Unit Bid Price of \$2.00/ SY ..... \$2,960.00

**Utility** - The pre-televising sewer inspections noted no infiltration of water in the sanitary sewer pipe on Fairview Ave from E St Paul Ave to Motor Ave. This made this section a candidate for sewer lining vs relaying. Prior to lining this pipe during the required cleaning and pre-televising, the contractor noted severe infiltration of ground water into the existing clay sanitary pipe. The only way to resolve this was to relay the sanitary pipe and add drain tile to capture the water. If we would have lined this pipe as planned, the liner would have failed prematurely and not addressing the ground water issues, the potential for pavement failure and sink holes drastically increases.

5. Additional quantity for Bid Item #05108 – 8 Inch PVC Sanitary Sewer Pipe  
 Additional 270 LF. Unit Price of \$132.50/LF ..... \$35,775.00
6. Additional quantity for Bid Item #05485 – 2'x3' Storm Inlet  
 Additional 3 EA. Unit Price of \$1,800/ each ..... \$5,400.00



7. NEW ITEM – Drain Tile	
New 615 LF. Unit Price of \$15.00/ LF .....	\$9,255.00
 Total Contract Change Order	 \$93,754.50

**Options & Alternatives:** There were no other feasible alternatives. This work was required to provide a project that will not fail prematurely.

**Financial Remarks:**  
 PO#180125-00                      Contract No. 4042  
 Original Contract: \$1,531,375.90  
 Change Order No. 1: 93,754.50  
 Total Contract after Change Order No. 1 - \$ 1,625,130.40  
 Acct #2010.68290 - \$ 43,324.50  
 Acct #7399.68290.71480 - \$50,430.00

**Executive Recommendation:** Recommend approval of Contract Change Order No. 1 with Advance Construction, Inc., for the Motor Avenue and Fairview Avenue Utility and Street Reconstruction-Concrete project.