

## CHANGE ORDER FORM

Contractor: CBC Construction, Inc.Change Order No: 1Project: Pump Station 1 & Force Main Upgrade, Phase II

Date: 05-10-16

The contractor shall make the following changes in this contract (see sheet 2 below for explanation):

<b>Item 15.01 Mobilization/Demobilization</b>	<b>+\$2,130.00</b>
<b>Item 20.15 Furnish Trench Backfill</b>	<b>+\$5,000.00</b>
<b>Item 50.02 Furnish &amp; Install Pipe</b>	<b>+\$26,600.00</b>
<b>Item 50.05 Connect to Existing SSMH</b>	<b>+\$1,500.00</b>
<b>Item 50.10 SS Service Connect 6"</b>	<b>+\$5,400.00</b>
<b>Item 70.12 Traffic Maintenance</b>	<b>+\$9,000.00</b>
<b>ATB Patch</b>	<b>+\$14,400.00</b>
<b>Manhole Waterproofing</b>	<b>+2,100.00</b>

The original contract sum \$574,000

Net changes by previously authorized change orders: 0

Contract sum prior to this change order was: \$574,000

Contract sum will be:

Increased   x    
 Decreased         
 Unchanged       

By this change order: \$66,130

The new contract sum including this change order will be: \$640,130

This change order does not change the project final completion date of 09/01/2016.

Recommended by:

Agreed to:

\_\_\_\_\_  
 Chris Cotta, Asst. Public Works Dir.

\_\_\_\_\_  
 Chris Balovich, CBC Const. Inc.      Date

\_\_\_\_\_  
 Stephen Giesbrecht, Borough Mgr.      Date

Pump Station 1 and Force Main Upgrade Phase II  
Change Order No. 1 – CO Item Details

Item 15.01 Mobilization/Demobilization +\$2,130: This item represents additional costs for personnel related expenses and additional bonding expense for the extra completion time and project value related to additional sewer main work. Negotiated as a lump sum item.

Item 20.01 Furnish Trench Backfill +\$5,000: Additional backfill needed for the added 133' of 8" sewer main. Negotiated as a lump sum item.

Item 50.02 Furnish & Install Pipe +\$26,600: Due to grade being insufficient on the contracted 146' of 8" sewer main, an additional 133' of sewer main had to be installed for proper sewage flow between SSMH-8 and the Lumber Street MH. This item will be paid at the contract price of \$200 per foot.

Item 50.05 Connect to Existing SSMH +\$1,500: Since the gravity main was replaced all the way to the Lumber Street MH, a connection to that MH was necessary. This extra connection will be paid at the contract price of \$1500 per each.

Item 50.10 SS Service Connect 6" +\$5,400: Three additional services were connected during the extra gravity main installation. These will be paid at the contract price of \$1800 per each.

Item 70.12 Traffic Maintenance +\$9,000: Extra traffic control related to the additional gravity main. Negotiated as a lump sum item.

ATB Patch +\$14,400: SECON quoted CBC an amount of \$28,800 to patch the original 146' of trench, plus the added 133' as well as patching around the Lumber Street MH. Patching the original 146' was included in the contract, but the extra 133' plus the area around the Lumber Street MH was not. The square footage of the contract-required ATB patching and the added patching are very close. Therefore the Borough agreed to pay half of the \$28,800 amount quoted by SECON.

MH Waterproofing +\$2,100: Prior to connecting to the Lumber Street manhole, it was observed that the manhole had some significant leaks allowing lots of groundwater to flow into the manhole. CBC was asked to excavate around the manhole, and clean and waterproof the manhole to prevent future I&I. This was tracked on a T&M basis. The resulting cost was \$2,100 in labor, equipment time and materials.