

**DISTRICT 4**

**VILLAGE OF LOMBARD**  
**REQUEST FOR BOARD OF TRUSTEES ACTION**  
For Inclusion on Board Agenda

  X   Resolution or Ordinance (Blue) \_\_\_\_\_ Waiver of First Requested  
\_\_\_\_ Recommendations of Boards, Commissions & Committees (Green)  
\_\_\_\_ Other Business (Pink)

**TO:** PRESIDENT AND BOARD OF TRUSTEES

**FROM:** Scott Niehaus, Village Manager

**DATE:** June 5, 2019 (COW) (B of T) **Date:** June 20, 2019

**TITLE:** Central Pressure Adjusting Station Improvements  
Change Order No. 5 (Underground Utilities, Fire Station)

**SUBMITTED BY:** David P. Gorman, P.E., Assistant Director of Public Works 

**BACKGROUND/POLICY IMPLICATIONS:**

Change Order No. 5 is a net increase of \$10,085.11. This Change Order addresses water main and sanitary sewer connections at St. Charles Road and two additional roof trusses for the new building.

**FISCAL IMPACT/FUNDING SOURCE:**

Current Contract Amount: \$2,426,749.34  
Change Order #5: \$10,085.11  
Total Revised Contract Amount: \$2,436,834.45  
Project #: WA 17-01  
PO #: 2019-00000326  
Account: Water/Sewer Capital Reserve 520.790.715.75420 (\$101,374.55 Project WA 17-01)

Review (as necessary):

Village Attorney X \_\_\_\_\_ Date \_\_\_\_\_  
Finance Director X \_\_\_\_\_ Date \_\_\_\_\_  
Village Manager X \_\_\_\_\_ Date \_\_\_\_\_

**NOTE:** All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Agenda Distribution.

## Interoffice Memo



To: Scott Niehaus, Village Manager  
 From: David Gorman, P.E., Assistant Director Public Works Director  
 Through: Carl Goldsmith, Public Works Director *J*  
 Date: June 5, 2019  
 Subject: Central Pressure Adjusting Station Improvements  
 Change Order No. 5

Attached please find Change Order No. 5 for this project in the amount of a net increase of \$10,085.11 This change order represents three categories of work (a total of six Authorized Unit Price items) related to underground utility installation and building construction.

### WATER MAIN CONNECTION - ST. CHARLES ROAD

The concern of leaving sand cast water main in the alley was addressed in Change Order #4. A similar situation presented itself on a segment of sand cast water main from the Pressure Adjusting Station to East St. Charles Road. This section was replaced using the same reasoning. The four items below address the additional work.

WCD-021 is for additional quantity of Exploration Trench (UP#2). Supplemental excavation was necessary to locate exactly where the existing water main transitioned from sand-cast to ductile iron. Total = \$1,332.00 and a one calendar day time extension

WCD-022 is related to labor, equipment and material credits (less applicable restocking fees) for the elimination of a 12-inch diameter water valve. The initial design proposed that a valve be installed on the water main. By eliminating the segment sand cast main, this new valve was unnecessary. Total = Credit of \$4,801.00

WCD-023 is the necessary labor, equipment and material to replace the remaining segment of sand cast water main with new ductile water main. Total = \$3,915.75 and a one calendar day time extension

WCD-024 is the necessary labor, equipment and material to change the alignment of the of water main so the connection to St. Charles could be properly aligned. Two 45-degree bends and modifications to the valve vault were necessary. The realignment was installed to avoid a conflict with an existing electrical hand hole and to properly align with the tee from water main on East St. Charles Road. Total = \$2,783.71 and a two-calendar day time extension

### SANITARY SEWER CONNECTION - ST. CHARLES ROAD

WCD-025 is the total cost to resolve two conflicts encountered while installing a new sanitary sewer from the Central Pressure Adjusting Station to the sanitary main located on East St. Charles Road. Two undocumented water mains had to be investigated and an unknown foundation within the Village-Right of Way on East St. Charles Road had to be partially removed before the new sewer could be installed. Village staff determined that both water mains were dead. The nature of the foundation could not be determined from Village records. An inquiry was made to the Lombard Historical Society as to the possible nature of the foundation. Based on provide documentation, the concrete conflict was a foundation for a scale. Billing includes labor downtime and time related to exposing the encountered watermains and foundation. Labor, equipment and trucking to remove the foundation was also included in the billing. Total = \$6,308.90 and a three-calendar day time extension

June 5, 2019

**CENTRAL PRESSURE ADJUSTING STATION BUILDING**

Two double trusses (2 additional trusses) trusses were required to structurally support the hanging weight of the 2½” water-filled fire suppression system. This was brought to the attention of the Village and the Designer by the general contractor through his subcontractor during the submittal process. *Total Cost = \$540.75*

Village staff is working with the contractor regarding some outstanding issues related to water main, storm sewer, gas service to the new building, door and window framing issues. These items are anticipated to be presented to the Public Works Committee in July.

This change order will be presented to the Public Works Committee on June 11th. If the Committee recommends approval, please present this change order to the President and Board of Trustees for their review and approval at their regular meeting on June 20, 2019. If approved, please have two signed copies returned to Engineering for further processing.

DG/rgs

H:\PW\PW-Eng\PROJECTS\FY2017\WA 17-01 Central Station Reservoir Improvements\Building & Parking Lot\Construction\Change Order\CO#5\CO#5 BoT memo.doc

**R E S O L U T I O N**  
**R** \_\_\_\_\_

**A RESOLUTION AUTHORIZING A CHANGE ORDER**  
**INVOLVING AN INCREASE/DECREASE IN THE DOLLAR AMOUNT OF**  
**THE CONTRACT OF \$10,000 OR MORE AND/OR EXTENDING/ SHORTENING THE**  
**TIME IN WHICH THE CONTRACT IS TO BE COMPLETED BY THIRTY (30) DAYS**  
**OR MORE**

**WHEREAS**, pursuant to Illinois Compiled Statutes, Chapter 720, Section 5/33E-9, units of local government are required to make specific findings prior to authorizing any change order relative to a contract which would increase or decrease the dollar amount of the contract by \$10,000 or more, or would extend or shorten the time in which the contract is to be completed by thirty (30) days or more; and

**WHEREAS**, staff has presented and recommended the proposed Change Order No. 5 to the contract between the Village of Lombard and Joseph J. Henderson & Son, Inc. regarding the Central Pressure Adjusting Station Improvements project, as attached hereto as Exhibit "A" and made part hereof, (the "Change Order") to the Corporate Authorities of the Village of Lombard; and

**WHEREAS**, said Change Order attached hereto as Exhibit "A" would increase the dollar amount of the contract by \$10,085.11.

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LOMBARD, DU PAGE COUNTY, ILLINOIS, as follows:

**SECTION 1:** That after reviewing the explanation of staff as to the necessity of and reasons for the Change Order attached hereto as Exhibit "A", the President and Board of Trustees find as follows:

- A That the circumstances which necessitated said Change Order were not reasonably foreseeable at the time the contract was entered into.
- B. That the basis of the Change Order was not within the contemplation of the contract when the contract was signed.
- C. That it is in the best interests of the Village of Lombard to approve the Change Order in its proposed form.
- D. That to the extent that it may have been necessary to go to bid relative to the work contemplated by said Change Order; bidding is hereby specifically waived as to the Change Order work.

**SECTION 2:** That having made the findings set forth in Section 1 above, the President and Board of Trustees hereby approve the Change Order attached hereto as Exhibit "A", and direct and authorize the Village President and Village Clerk to execute said Change Order on behalf of the Village.

Adopted this 20th day of June, 2019, pursuant to a roll call vote as follows:

Ayes: \_\_\_\_\_

Nays: \_\_\_\_\_

Absent: \_\_\_\_\_

Approved by me this 20th day of June, 2019.

\_\_\_\_\_  
**Keith Giagnorio**  
**Village President**

ATTEST:

\_\_\_\_\_  
**Sharon Kuderna**  
**Village Clerk**

# VILLAGE OF LOMBARD CHANGE ORDER

PROJECT NAME: Central Pressure Adjusting Station Improvements PROJECT NO.: WA 17 01  
 LOCATION: 20 East St. Charles Road CHANGE ORDER: 5  
 CONTRACTOR: JJ Henderson & Son DATE: 06/05/19  
 DESCRIPTION OF CHANGE ORDER: Water Main, Sanitary Sewer & Wooden Trusses

ORIGINAL CONTRACT AMOUNT:	[1]	<u>\$2,093,000.00</u>
TOTAL OF PREVIOUS AUTHORIZED CHANGE ORDERS:	[2]	<u>\$333,749.34</u>
CURRENT CONTRACT AMOUNT: ([1]+[2])	[3]	<u>\$2,426,749.34</u>
<b>PROPOSED CHANGE ORDER: (PENDING APPROVAL)</b>	[4]	<u>\$10,085.11</u>
PROPOSED REVISED CONTRACT AMOUNT: (PENDING APPROVAL) ([3]+[4])	[5]	<u>\$2,436,834.45</u>

NET OF ALL CHANGE ORDERS: (PENDING APPROVAL) ([2]+[4])	<u>\$343,834.45</u>
TIME EXTENSION OR REDUCTION:	<u>7 Calendar Days</u>
TOTAL CONTRACT TIME:	<u>315 (296+12+7) Calendar Days</u>
BUDGET ESTIMATE: (Demolition & Parking Lot/PA Station)	<u>\$2,475,000.00</u>
ENGINEER'S ESTIMATE: (Demolition & Parking Lot/PA Station)	<u>\$2,075,000.00</u>

**RECOMMENDED FOR ACCEPTANCE :**

<u>Ray Schwab</u>	<u>06/05/2019</u>	Approved By:	
Resident Engineer	Date	Director of Finance	Date

<u>Contractor</u>	<u>Date</u>	Approved By:	
		(<\$10K or 25%)	
<u>SPh</u>	<u>6/5/19</u>	Village Manager	Date

<u>Village Engineer</u>	<u>Date</u>	Approved By:	
		(>\$10K or 25%)	
		Village President	Date

<u>Director of Public Works</u>	<u>Date</u>	Attest:	
		Village Clerk	Date

Assistant Director of Finance Date

**It is understood that as part of this change order that the Contractor agrees that all bonds, permits, insurance and guarantees are hereby extended to incorporate this Change Order.**

**Central Pressure Adjusting Station Improvements**  
**Change Order #: 5** 6/5/2019

No.	Item	Current Quantity	Unit	Unit Price	Revised Quantity	Difference	Amount	Description
UP#2 (WCD-0 21)	Exploration Trench, 8 Foot Depth	121.0	CY	\$90.00	135.8	14.8	\$1,332.00	Locating the transition form sand-cast to ductile iron.
WCD-022	Delete 12" Valve & Valve Vault at St. Charles Water Main Connection	0.0	L. SUM	(\$4,801.00)	1.0	1.0	(\$4,800.00)	Elimination of 12 inch valve vault and valve.
WCD-023	Add Piping Transition from Tie in point at St Charles Road	0.0	L. SUM	\$3,915.75	1.0	1.0	\$3,916.75	Account for additional water main. Termination point of original design to current design of connecting to the ductile iron pipe.
WCD-024	Re Align 8" Piping from St Charles Road to Valve Vault	0.0	L. SUM	\$2,783.71	1.0	1.0	\$2,784.71	Realign the water main to avoid electrical hand hole vault and to meet the location of the transition point of sand cast and ductile iron pipe.
WCD-025	Sanitary Installation Scale Foundation Conflict at St Charles Road	0.0	L. SUM	\$6,308.90	1.0	1.0	\$6,309.90	Resolve conflict of old watermain and a foundation located in the St. Charles right-of-way
WCD-026	Additional Truss Design	0.0	L. SUM	\$540.75	1.0	1.0	\$541.75	Two additional trusses to support the weight of the fire suppression system.

**TOTAL AMOUNT = \$10,085.11**