

**DISTRICT 6**

**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:** October 5, 2016 (COW) (B of T) **Date:** October 20, 2016

**TITLE:** Transmission Main  
 Change Order No. 2

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

**BACKGROUND/POLICY IMPLICATIONS:**

Change Order No. 2 is a net increase of \$27,244.77.

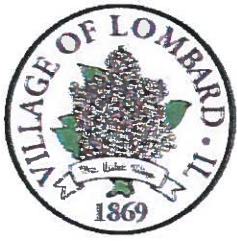
**FISCAL IMPACT/FUNDING SOURCE:**

Project #: WA 16 02  
 Budget Amount: \$3,323,000  
 Current Contract Amount: \$2,979,644.06  
 Change Order #2: \$27,244.77  
 Total Revised Contract Amount: \$3,006,888.83  
 PO #: 2016-00001621

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 of PW *DG*  
**Date:** October 5, 2016  
**Subject:** Transmission Main Project - Change Order No. 2

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Attached is proposed Change Order No. 2 for the Water Transmission Main project. The change order is a net increase for \$27,244.77. Please present this to the Board of Trustees on October 20, 2016. If approved, please have one signed original document sent to records and the other signed original document returned to Engineering for further processing. Below are the details for this change order.

### **Quantity Reductions from 30 Line Pay Items (\$83,884.41)**

The quantities of 30 line pay items are either been reduced or not used (see attachment for description of the line items). The total credit is **\$83,884.41**.

### **Tree Root Pruning (\$3,080.00)**

40 units of additional tree root pruning due to the field conditions required increased quantities.

### **Removal & Disposal of Unsuitable Material (\$12,624.00)**

526 CY of additional unsuitable material at Wilson from Stewart to Edgewood was removed and disposed.

### **Porous Granular Embankment Subgrade (\$15,254.00)**

526 CY of additional porous granular embankment subgrade was needed due to the removal and disposal of the unsuitable material on Wilson.

### **Connection to Existing Water Main (Non Pressure) (\$17,000.00)**

The new 16" main is connected to the existing water main (non pressure) at the intersection of Wilson and Stewart because the planned tapping sleeve was not able to be used due to issues related to the shutdown of the existing water main at Wilson and Stewart.

### **Fluorocarbon Rubber (Viton) Gasket (\$2,640.00)**

4 additional fluorocarbon rubber (Viton) gaskets were needed for the main connection at School.

### **Dust Control Watering (\$41,000.00)**

16.4 units of additional watering were needed for dust control on Wilson Street.

### **Time and Material #1 (T&M) for Down Time on June 14, 2016 (\$8,919.76)**

On June 14, 2016, a 12" and a 16" main at Wilson and Stewart could not be shut down to allow the new 16" main to be tapped to the existing main as planned. The Village has to pay the contractor's down time and the cost of the installation of the 12" and 16" repair sleeves.

### **T&M #2 for Remove the Repair Sleeves on June 15, 2016 (\$771.87)**

On June 15, 2016, the repair sleeves from T&M #1 were removed to verify the water shut down.

**T&M #3 for Repair Unmarked Water Service at 946 Lombard on June 15, 2016 (\$5,565.43)**

On June 15, 2016, an unmarked water service at 946 Lombard was hit and need to be fixed.

**T&M #4 for Repair Unmarked Underdrains on June 17, 2016 (\$886.30)**

On June 17, 2016, an unmarked underdrain on Wilson was hit and need to be repaired.

**T&M #5 for Setup New Detour on July 7, 2016 (\$243.27)**

On July 7, 2016, a new detour in Stage I was set up to allow the Stewart and Wilson intersection to be closed for work on the corner of Stewart and Wilson.

**T&M #6 for Remove the New Detour on July 8, 2016 (\$244.55)**

On July 8, 2016, the contractor removed the new detour from T&M #5 in Stage I to allow the Stewart and Wilson intersection to be reopened.

**Agreed Unit Price (AUP) #4 for Manhole Removal (\$500.00)**

The item is not included in the contract and was needed. One manhole was removed.

**AUP #5 for Fire Hydrant Extension, 18"(\$0.00)**

The item was not included in the contract and was needed.

**AUP #6 for Dust Control Watering (\$2,400.00)**

The contracted unit price for the Dust Control Watering is \$2,500/1000 gallon. The engineering staff believes the price is too high. Through a negotiation between the Village and the contractor, the price has been lowered to \$1,000/1000 gallon. The new price took effect on July 1, 2016 and is extended through the end of the project. 2.4 units of watering were applied since July 1, 2016.

**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.2 to the contract between the Village of Lombard and the Swallow Construction Corp regarding the Transmission Main, 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 \$27,244.77.

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.

Resolution \_\_\_\_\_

Legistar: 160280

Adopted this 6<sup>th</sup> day of October, 2016, pursuant to a roll call vote as follows:

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

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

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

Approved by me this 6<sup>th</sup> day of October, 2016.

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

ATTEST:

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

## VILLAGE OF LOMBARD CHANGE ORDER

PROJECT NAME: Transmission Main Project PROJECT NO.: WA-16-02  
LOCATION: Wilson Avenue & School Street CHANGE ORDER: 2  
CONTRACTOR: Swallow Construction DATE: 7/29/2016  
DESCRIPTION OF CHANGE ORDER: Approved extra work and contract items added

ORIGINAL CONTRACT AMOUNT:	[1] <u>2,915,870.01</u>
TOTAL OF PREVIOUS AUTHORIZED CHANGE ORDERS:	[2] <u>\$63,774.05</u>
CURRENT CONTRACT AMOUNT: ([1]+[2])	[3] <u>\$2,979,644.06</u>
PROPOSED CHANGE ORDER: (PENDING APPROVAL)	[4] <u>\$27,244.77</u>
PROPOSED REVISED CONTRACT AMOUNT: (PENDING APPROVAL) ([3]+[4])	[5] <u>\$3,006,888.83</u>

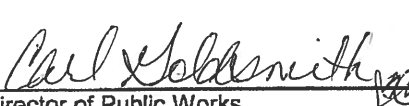
NET OF ALL CHANGE ORDERS: (PENDING APPROVAL) ([2]+[4]) \$91,018.82  
TIME EXTENSION OR REDUCTION: \_\_\_\_\_  
TOTAL CONTRACT TIME: 210 Cal Days  
BUDGET ESTIMATE: \_\_\_\_\_  
ENGINEER'S ESTIMATE: \$3,325,119.00

### RECOMMENDED FOR ACCEPTANCE:

 9-7-2016 Approved By: \_\_\_\_\_  
Resident Engineer Date Director of Finance Date

 10-5-16 Approved By: \_\_\_\_\_  
Contractor Date (<\$10K or 25%) Village Manager Date

 10/5/16 Approved By: \_\_\_\_\_  
Village Engineer Date (>\$10K or 25%) Acting Village President Date

 10/14/16 Attest: \_\_\_\_\_  
Director of Public Works Date 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.



No.	Item	Current Quantity	Unit	Unit Price	Revised Quantity	Difference	Amount	Description
1	TREE ROOT PRUNING	20.00	EA	\$77.00	60.00	40.00	\$3,080.00	Field conditions increased qty
2	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	200.00	CY	\$24.00	726.00	526.00	\$12,624.00	Verified extra work required through Geotech consultants field tests
8	PERIMETER EROSION BARRIER	68	FT	\$10.00	0.00	(68.00)	(\$680.00)	Pay Item not used
15	PROTECTIVE COAT	7,291	SY	\$0.01	0.00	(7,291.00)	(\$72.91)	Pay Item not used
24	PIPE CULVERT REMOVAL	95	FT	\$3.00	0	(95.00)	(\$285.00)	Pay Item not used
25	STORM SEWER REMOVAL 12"	26	FT	\$5.00	19	(7.00)	(\$35.00)	Field conditions reduced qty
26	STORM SEWER REMOVAL 24"	40	FT	\$5.00	0	(40.00)	(\$200.00)	Pay Item not used
31	ADJUSTING WATER SERVICE LINES	100	FT	\$10.00	0	(100.00)	(\$1,000.00)	Pay Item not used
33	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	5	EA	\$60.00	0	(5.00)	(\$300.00)	Pay Item not used
34	DOMESTIC WATER SERVICE BOXES	5	EA	\$100.00	0	(5.00)	(\$500.00)	Pay Item not used
35	CATCH BASINS, TYPE A, TYPE 8 GRATE	3	EA	\$2,000.00	0	(3.00)	(\$6,000.00)	Pay Item not used
36	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	2	EA	\$2,500.00	1	(1.00)	(\$2,500.00)	Field conditions reduced qty
39	VALVE VAULTS, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	1	EA	\$600.00	0	(1.00)	(\$600.00)	Pay Item not used
40	REMOVING CATCH BASINS	6	EA	\$107.00	0	(6.00)	(\$642.00)	Pay Item not used
41	REMOVING INLETS	2	EA	\$70.00	0	(2.00)	(\$140.00)	Pay Item not used
51	STEEL CASING PIPE AUGERED AND JACKED 30"	110.00	FT	\$500.00	109	(1.00)	(\$500.00)	Final Balancing
56	INLETS, TYPE A, 2' DIAMETER, TYPE 8 GRATE, SPECIAL	5.00	EA	\$700.00	0	(5.00)	(\$3,500.00)	Pay Item not used
59	CONNECTION TO EXISTING WATER MAIN (NON PRESSURE)	3.00	EA	\$17,000.00	4	1.00	\$17,000.00	Work added at the intersection of Wilson and Stewart on the 16 inch
60	FLUOROCARBON RUBBER (VITON) GASKET	73.00	EA	\$660.00	77	4.00	\$2,640.00	Final Balancing
61	SANITARY SEWER SERVICE REMOVAL AND REPLACEMENT	341.00	FT	\$28.00	39	(302.00)	(\$8,456.00)	Field conditions reduced qty
62	DUCTILE IRON PIPE INSTALLED IN STEEL CASING, 16"	110.00	FT	\$125.00	109	(1.00)	(\$125.00)	Final Balancing
63	SANITARY SEWER CLEAN OUT	2.00	EA	\$400.00	1	(1.00)	(\$400.00)	Field conditions reduced qty
64	SANITARY SEWER CLEAN OUT IN DRIVEWAY	2.00	EA	\$515.00	0	(2.00)	(\$1,030.00)	Pay Item not used
65	CONCRETE SADDLE SUPPORT	13.00	EA	\$600.00	1	(12.00)	(\$7,200.00)	Field conditions reduced qty
66	EXPLORATION TRENCH, SPECIAL	10.00	CY	\$235.00	8	(2.00)	(\$470.00)	Field conditions reduced qty
68	POROUS GRANULAR EMBANKMENT - SUBGRADE	200.00	CY	\$29.00	726	526.00	\$15,254.00	Verified extra work required through Geotech consultants field tests

[illegible]