

DISTRICT 2 & 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: January 26, 2017 (COW) (B of T) **Date:** February 16, 2017

TITLE: Roosevelt Road Water Main Lining
Change Order No. 2/Final Balancing

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

BACKGROUND/POLICY IMPLICATIONS:

Change Order No. 2 is a net decrease of \$706,065.32. The change order includes an installation of 16" ductile iron water main and final quantities balancing.

FISCAL IMPACT/FUNDING SOURCE:

Project #: WA 12 01
Budget Amount: \$2,150,000
Current Contract Amount: \$4,087,039.43
Change Order #2: (\$706,065.32)
Total Revised Contract Amount: \$3,380,974.11
PO #: 2016-00001622

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 DGG
Date: January 26, 2017
Subject: Roosevelt Road Water Main Lining, West Phase
Change Order No. 2/Final Balancing

Attached is proposed Change Order No. 2/Final Balancing for Roosevelt Road Water Main Lining Project, West Phase. The change order for a net decrease of \$706,065.32 includes the installation of a 16" ductile iron water main (AUP #4), installation of seed and erosion control blanket (AUP #5), and final quantities balancing per field measurements (see attachment).

AUP # 4 – Ductile Iron Water Main, 16"

During preliminary investigation by the Village Representative and the Resident Engineer, it was determined that the existing water main at the northwest corner of Roosevelt Road and National Way is 16" in diameter, and not 12" as per the plans. This section of existing water main was to be lined and paid for under *Item #88 – Water Main Lining, 12"*. After weighing options to either rehabilitate or replace the existing water main at this corner, the water main was removed and replaced with the same diameter pipe.

AUP # 5 – Seed and Blanket

Consistent with recently revised Village policy and to reduce the cost of the project, seed and erosion control blanket were used instead of sod.

Final Quantity Balancing

Quantities of a variety of pay items are adjusted by the field conditions. The details are attached.

This request for an approval by the Board of Trustees will be presented to the Board on February 16, 2017. If approved, please have one signed original document sent to records and the other signed original document returned for further processing.

RESOLUTION
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/Final Balancing to the contract between the Village of Lombard and the Fer-Pal Construction USA, LLC regarding the Roosevelt Road Water Main Lining 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/Final Balancing attached hereto as Exhibit "A" would decrease the dollar amount of the contract by \$706,065.32.

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 16th day of February, 2017, pursuant to a roll call vote as follows:

Ayes: _____

Nays: _____

Absent: _____

Approved by me this 16th day of February, 2017.

Keith Giagnorio
Village President

ATTEST:

Sharon Kuderna
Village Clerk

VILLAGE OF LOMBARD CHANGE ORDER


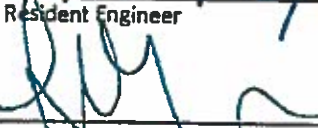
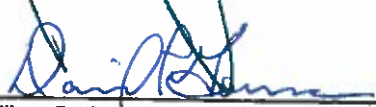
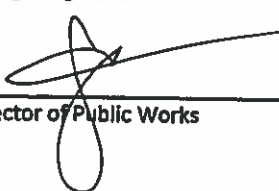
PROJECT NAME: Roosevelt Road Watermain Lining (West Contract) PROJECT NO.: WA-12-01/03
 LOCATION: West Roosevelt Road CHANGE ORDER: 02
 CONTRACTOR: Fer-Pal Infrastructure USA, Inc. DATE: 1/25/2016

DESCRIPTION OF CHANGE ORDER: (1) Final balancing for line items.
(2) Install 16" ductile iron water main at the northwest corner of Roosevelt Road
(3) In lieu of installing sod, seed and blanket will be installed.

ORIGINAL CONTRACT AMOUNT:	[1] <u>4,071,931.33</u>
TOTAL OF PREVIOUS AUTHORIZED CHANGE ORDERS:	[2] <u>\$15,108.10</u>
CURRENT CONTRACT AMOUNT: ((1)+[2])	[3] <u>\$4,087,039.43</u>
PROPOSED CHANGE ORDER: (PENDING APPROVAL)	[4] <u>(\$706,065.32)</u>
PROPOSED REVISED CONTRACT AMOUNT: (PENDING APPROVAL) ((3)+[4])	[5] <u>\$3,380,974.11</u>

NET OF ALL CHANGE ORDERS: (PENDING APPROVAL) ((2)+[4]) (\$690,957.22)
 TIME EXTENSION OR REDUCTION: _____
 TOTAL CONTRACT TIME: 180 Days
 BUDGET ESTIMATE: \$2,150,000.00
 ENGINEER'S ESTIMATE: \$3,013,962.00

RECOMMENDED FOR ACCEPTANCE :

	<u>02/01/2017</u>	Date	Approved By: _____
Resident Engineer			Director of Finance Date
	<u>02/01/17</u>	Date	Approved By: _____
Contractor			(<small><\$10K or 25%</small>) Village Manager Date
	<u>2/2/17</u>	Date	Approved By: _____
Village Engineer			(<small>>\$10K or 25%</small>) Acting Village President Date
	<u>2/3/17</u>	Date	Attest: _____
Director of Public Works			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 REMOVAL (6 TO 15 UNITS DIAMETER)	30.0	UNIT	\$ 49.50	45.00	15.00	\$742.50	
2	TEMPORARY FENCE	880.0	FOOT	\$ 3.50	0.00	(880.00)	(\$3,080.00)	
3	TREE ROOT PRUNING	5.0	EACH	\$ 300.00	0.00	(5.00)	(\$1,500.00)	
4	TREE PRUNING (1 TO 10 INCH DIAMETER)	5.0	EACH	\$ 75.00	0.00	(5.00)	(\$375.00)	
5	TREE PRUNING (OVER 10 INCH DIAMETER)	5.0	EACH	\$ 100.00	0.00	(5.00)	(\$500.00)	
6	TOPSOIL FURNISH AND PLACE, 4"	540.0	SQ YD	\$ 13.25	1,280.80	740.80	\$9,815.60	
7	SUPPLEMENTAL WATERING	14.0	UNIT	\$ 350.00	0.00	(14.00)	(\$4,900.00)	
8	BITUMINOUS MATERIALS (PRIME COAT)	1,192.0	POUND	\$ 1.75	0.00	(1,192.00)	(\$2,086.00)	
9	PROTECTIVE COAT	388.0	SQ YD	\$ 5.00	0.00	(388.00)	(\$1,940.00)	
10	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH, SPECIAL	51.0	SQ YD	\$ 110.00	49.60	(1.40)	(\$154.00)	
11	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH, SPECIAL	2,154.0	SQFT	\$ 12.00	4,084.80	1,930.80	\$23,169.60	
12	DRIVEWAY PAVEMENT REMOVAL	96.0	SQ YD	\$ 10.00	138.80	42.80	\$428.00	
13	CURB REMOVAL	50.0	FOOT	\$ 10.00	84.90	34.90	\$349.00	
14	COMBINATION CURB AND GUTTER REMOVAL	280.0	FOOT	\$ 15.00	323.50	43.50	\$652.50	
15	SIDEWALK REMOVAL	2,218.0	SQFT	\$ 6.00	4,164.80	1,946.80	\$11,680.80	
16	STORM SEWER REMOVAL 12"	20.0	FOOT	\$ 10.00	6.00	(14.00)	(\$140.00)	
17	STORM SEWER REMOVAL 15"	100.0	FOOT	\$ 10.00	12.00	(88.00)	(\$880.00)	
18	STORM SEWER REMOVAL 18"	0.0	FOOT	\$ -	0.00	0.00	\$0.00	
19	STORM SEWER REMOVAL 21"	20.0	FOOT	\$ 15.00	0.00	(20.00)	(\$300.00)	
20	DUCTILE IRON WATER MAIN 4"	19.0	FOOT	\$ 200.00	3.30	(15.70)	(\$3,140.00)	
21	DUCTILE IRON WATER MAIN 6"	211.0	FOOT	\$ 150.00	66.60	(144.40)	(\$21,660.00)	
22	DUCTILE IRON WATER MAIN 8"	598.0	FOOT	\$ 100.00	372.00	(226.00)	(\$22,600.00)	
23	DUCTILE IRON WATER MAIN 10"	524.0	FOOT	\$ 100.00	28.10	(495.90)	(\$49,590.00)	
24	DUCTILE IRON WATER MAIN 12"	515.0	FOOT	\$ 100.00	23.90	(491.10)	(\$49,110.00)	
25	WATER VALVES 4"	9.0	EACH	\$ 3,000.00	7.00	(2.00)	(\$6,000.00)	
26	WATER VALVES 6"	5.0	EACH	\$ 4,500.00	2.00	(3.00)	(\$13,500.00)	
27	WATER VALVES 8"	23.0	EACH	\$ 5,000.00	23.00	0.00	\$0.00	
28	WATER VALVES 10"	4.0	EACH	\$ 7,000.00	4.00	0.00	\$0.00	
29	WATER VALVES 12"	5.0	EACH	\$ 8,000.00	5.00	0.00	\$0.00	
30	WATER SERVICE LINE 1"	50.0	FOOT	\$ 35.00	41.70	(8.30)	(\$290.50)	
31	WATER SERVICE LINE 1 1/2"	50.0	FOOT	\$ 42.00	13.50	(36.50)	(\$1,533.00)	

32	WATER SERVICE LINE 2"	50.0	FOOT	\$	50.00	0.00	(50.00)	(\$2,500.00)	
33	CORPORATION STOPS 1"	3.0	EACH	\$	425.00	6.00	3.00	\$1,275.00	
34	CORPORATION STOPS 1 1/2"	3.0	EACH	\$	700.00	1.00	(2.00)	(\$1,400.00)	
35	CORPORATION STOPS 2"	3.0	EACH	\$	1,250.00	0.00	(3.00)	(\$3,750.00)	
36	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	50.0	FOOT	\$	55.00	0.00	(50.00)	(\$2,750.00)	
37	ADJUSTING WATER SERVICE LINES	50.0	FOOT	\$	45.00	0.00	(50.00)	(\$2,250.00)	
38	FIRE HYDRANTS TO BE REMOVED	18.0	EACH	\$	1,000.00	17.00	(1.00)	(\$1,000.00)	
39	FIRE HYDRANT EXTENSION	10.0	FOOT	\$	600.00	8.00	(2.00)	(\$1,200.00)	
40	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	32.0	EACH	\$	9,000.00	31.00	(1.00)	(\$9,000.00)	
41	DOMESTIC WATER SERVICE BOXES TO BE REMOVED	9.0	EACH	\$	200.00	0.00	(9.00)	(\$1,800.00)	
42	DOMESTIC WATER SERVICE BOXES	10.0	EACH	\$	475.00	8.00	(2.00)	(\$950.00)	
43	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	20.0	EACH	\$	2,500.00	6.00	(14.00)	(\$35,000.00)	
44	FRAMES AND LIDS, TYPE 1, CLOSED LID	5.0	EACH	\$	275.00	3.00	(2.00)	(\$550.00)	
45	FILLING VALVE VAULTS	12.0	EACH	\$	775.00	1.00	(11.00)	(\$8,525.00)	
46	CONCRETE CURB, TYPE B	50.0	FOOT	\$	46.00	85.10	35.10	\$1,614.60	
47	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	35.0	FOOT	\$	48.00	10.00	(25.00)	(\$1,200.00)	
48	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	245.0	FOOT	\$	82.00	308.30	63.30	\$5,190.60	
49	ENGINEER'S FIELD OFFICE, TYPE A	12.0	CAL MO	\$	600.00	3.50	(8.50)	(\$5,100.00)	
50	CHANGEABLE MESSAGE SIGN	42.0	CAL MO	\$	945.00	9.00	(33.00)	(\$31,185.00)	
51	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	182.0	SQ FT	\$	3.70	151.60	(30.40)	(\$112.48)	
52	PAVEMENT MARKING TAPE, TYPE III 4"	3,962.0	FOOT	\$	1.00	2,011.70	(1,950.30)	(\$1,950.30)	
53	PAVEMENT MARKING TAPE, TYPE III 6"	302.0	FOOT	\$	1.40	141.00	(161.00)	(\$225.40)	
54	PAVEMENT MARKING TAPE, TYPE III 12"	70.0	FOOT	\$	6.30	0.00	(70.00)	(\$441.00)	
55	WORK ZONE PAVEMENT MARKING REMOVAL	1,724.0	SQ FT	\$	0.42	126.90	(1,597.10)	(\$670.78)	
56	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	4.0	EACH	\$	500.00	0.00	(4.00)	(\$2,000.00)	
57	SANITARY SEWER REMOVAL 21"	50.0	FOOT	\$	15.00	0.00	(50.00)	(\$750.00)	
58	SANITARY SEWER REMOVAL, 18"	50.0	FOOT	\$	12.00	0.00	(50.00)	(\$600.00)	
59	SANITARY SEWER REMOVAL 10"	50.0	FOOT	\$	10.00	0.00	(50.00)	(\$500.00)	
60	SANITARY SEWER REMOVAL 6"	50.0	FOOT	\$	8.00	0.00	(50.00)	(\$400.00)	
61	SANITARY SEWER REMOVAL 8"	50.0	FOOT	\$	8.00	0.00	(50.00)	(\$400.00)	
62	SODDING, SPECIAL	540.0	SQ YD	\$	17.50	0.00	(540.00)	(\$9,450.00)	
63	ABANDON EXISTING WATER MAIN, FILL WITH CLSM	1,684.0	FOOT	\$	35.00	418.80	(1,265.20)	(\$44,282.00)	
64	VALVE VAULTS TO BE REMOVED	11.0	EACH	\$	1,000.00	9.00	(2.00)	(\$2,000.00)	
65	VALVE BOX	8.0	EACH	\$	350.00	6.00	(2.00)	(\$700.00)	
66	CONNECTION TO EXISTING WATER MAINS (NON PRESSURE)	28.0	EACH	\$	16,800.00	26.00	(2.00)	(\$33,600.00)	
67	PRECONSTRUCTION VIDEO TAPING	1.0	L.SUM	\$	5,549.25	1.00	0.00	\$0.00	

68	SANITARY SEWER CLEANOUT	2.0	EACH	\$	475.00	0.00	(2.00)	(\$950.00)	
69	SANITARY SEWER CLEANOUT IN DRIVEWAY	2.0	EACH	\$	1,000.00	0.00	(2.00)	(\$2,000.00)	
70	FIRE HYDRANTS TO BE REMOVED, SPECIAL	1.0	EACH	\$	3,500.00	1.00	0.00	\$0.00	
71	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	2.0	EACH	\$	1,050.00	2.00	0.00	\$0.00	
72	CONSTRUCTION LAYOUT	1.0	L.SUM	\$	1,000.00	0.00	(1.00)	(\$1,000.00)	
73	DRAINAGE & UTILITY STRUCTURE TO BE ADJUSTED	11.0	EACH	\$	475.00	3.00	(8.00)	(\$3,800.00)	
74	DRAINAGE & UTILITY STRUCTURE TO BE RECONSTRUCTED	17.0	EACH	\$	1,200.00	3.00	(14.00)	(\$16,800.00)	
75	DUST CONTROL WATERING	50.0	UNIT	\$	350.00	0.00	(50.00)	(\$17,500.00)	
76	TEMPORARY INFORMATION SIGNING	514.0	SQ.FT	\$	14.70	218.80	(295.20)	(\$4,339.44)	
77	SANITARY SEWER 6"	50.0	FOOT	\$	45.00	0.00	(50.00)	(\$2,250.00)	
78	SANITARY SEWER 8"	50.0	FOOT	\$	55.00	0.00	(50.00)	(\$2,750.00)	
79	SANITARY SEWER 10"	50.0	FOOT	\$	60.00	0.00	(50.00)	(\$3,000.00)	
80	SANITARY SEWER 18"	50.0	FOOT	\$	85.00	0.00	(50.00)	(\$4,250.00)	
81	SANITARY SEWER 21"	50.0	FOOT	\$	125.00	0.00	(50.00)	(\$6,250.00)	
82	TEMPORARY TRAFFIC SIGNAL TIMING	6.0	EACH	\$	4,500.00	0.00	(6.00)	(\$27,000.00)	
83	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, COMMERCIAL	27.0	SQ.YD	\$	75.00	70.50	43.50	\$3,262.50	
84	CLASS B PATCH, 11"	205.0	SQ.YD	\$	95.00	56.70	(148.30)	(\$14,088.50)	
85	CLASS D PATCH, 15"	340.0	SQ.YD	\$	155.00	197.20	(142.80)	(\$22,134.00)	
86	WATER MAIN LINING, 8"	5,019.0	FOOT	\$	150.00	4,802.20	(216.80)	(\$32,520.00)	
87	WATER MAIN LINING, 10"	215.0	FOOT	\$	199.00	131.00	(84.00)	(\$16,716.00)	
88	WATER MAIN LINING, 12"	1,773.0	FOOT	\$	199.00	1,695.50	(77.50)	(\$15,422.50)	
89	REINSTATE ACTIVE SERVICE CONNECTION, 2" OR LESS	29.0	EACH	\$	50.00	8.00	(21.00)	(\$1,050.00)	
90	REINSTATE ACTIVE SERVICE CONNECTION, GREATER THAN 2"	17.0	EACH	\$	18,000.00	14.00	(3.00)	(\$54,000.00)	
91	WATER METER REMOVAL AND RE-INSTALLATION	30.0	EACH	\$	100.00	23.00	(7.00)	(\$700.00)	
92	WATER METER 8"	0.0	EACH	\$	-	0.00	0.00	\$0.00	
93	PRELIMINARY CCTV INSPECTION	7,007.0	FOOT	\$	12.00	6,839.70	(167.30)	(\$2,007.60)	
94	ACCESS PIT EXCAVATION, GREATER THAN 8'	50.0	FOOT	\$	250.00	0.00	(50.00)	(\$12,500.00)	
95	ADDITIONAL ACCESS PITS	10.0	EACH	\$	3,000.00	7.00	(3.00)	(\$9,000.00)	
96	TEMPORARY BY-PASS WATERMAIN	1.0	L.SUM	\$	310,210.00	1.00	0.00	\$0.00	
97	TEMPORARY EROSION CONTROL	1.0	L.SUM	\$	1,000.00	1.00	0.00	\$0.00	
98	REMOVE WATER VALVE FROM VAULT	33.0	EACH	\$	2,000.00	35.00	2.00	\$4,000.00	
99	REMOVE WATER VALVE AND VALVE BOX	9.0	EACH	\$	2,000.00	5.00	(4.00)	(\$8,000.00)	
100	TRENCH BACKFILL - SPECIAL	339.0	CUYD	\$	65.00	369.93	30.93	\$2,010.45	
101	WATER MAIN FITTINGS	10,000.0	POUND	\$	5.00	9,977.80	(22.20)	(\$111.00)	
102	ABANDON WATERMAIN BENEATH BUILDING	1.0	L.SUM	\$	6,000.00	1.00	0.00	\$0.00	
103	PRESSURE CONTROL WATER VALVE, 6"	1.0	EACH	\$	9,000.00	1.00	0.00	\$0.00	

104	INSERTION VALVE, 16"	1.0	EACH	\$ 31,500.00	1.00	0.00	\$0.00	
105	STORM SEWER, WATERMAIN QUALITY PIPE, 12"	20.0	FOOT	\$ 50.00	6.00	(14.00)	(\$700.00)	
106	STORM SEWER, WATERMAIN QUALITY PIPE, 15"	100.0	FOOT	\$ 70.00	15.00	(85.00)	(\$5,950.00)	
107	STORM SEWER, WATERMAIN QUALITY PIPE, 18"		FOOT	\$ -	0.00	0.00	\$0.00	
108	STORM SEWER, WATERMAIN QUALITY PIPE, 21"	20.0	FOOT	\$ 95.00	0.00	(20.00)	(\$1,900.00)	
109	CONCRETE SADDLE SUPPORT	6.0	EACH	\$ 500.00	0.00	(6.00)	(\$3,000.00)	
110	DETECTABLE WARNING, CAST IRON	30.0	SQ.FT	\$ 25.00	20.00	(10.00)	(\$250.00)	
111	DETECTABLE WARNING, CAST IRON, CURVED	103.0	SQ.FT	\$ 25.00	0.00	(103.00)	(\$2,575.00)	
112	PARKING LOT PAVEMENT	18.0	SQ.YD	\$ 75.00	19.40	1.40	\$105.00	
113	EXPLORATION TRENCH, SPECIAL	60.0	CUYD	\$ 75.00	76.90	16.90	\$1,267.50	
114	UNDERCUTTING FOR UTILITIES	50.0	CUYD	\$ 65.00	0.00	(50.00)	(\$3,250.00)	
115	WATER SERVICE LINE INSULATION	75.0	FOOT	\$ 5.00	0.00	(75.00)	(\$375.00)	
116	SHREDDED BARK MULCH 3"	16.0	SQ.YD	\$ 65.00	0.00	(16.00)	(\$1,040.00)	
117	SANITARY SEWER SERVICE CONNECTION	50.0	FOOT	\$ 50.00	0.00	(50.00)	(\$2,500.00)	
118	TRAFFIC CONTROL AND PROTECTION	1.0	L.SUM	\$ 100,000.00	1.00	0.00	\$0.00	
119	TRIM EXISTING SERVICE CONNECTION	20.0	EACH	\$ 25.00	0.00	(20.00)	(\$500.00)	
120	FLUROCARBON RUBBER (VITON) GASKETS	25.0	EACH	\$ 150.00	0.00	(25.00)	(\$3,750.00)	
121	ALLOWANCE FOR UNFORESEEN UNDERGROUND CONDITIONS	100,000.0	UNIT	\$ 1.00	10,785.27	(89,214.73)	(\$89,214.73)	
122	NON-SPECIAL WASTE DISPOSAL	150.0	CUYD	\$ 50.00	0.00	(150.00)	(\$7,500.00)	
123	SPECIAL WASTE GROUNDWATER DISPOSAL	10.0	EACH	\$ 500.00	0.00	(10.00)	(\$5,000.00)	
AUP #04	DUCTILE IRON WATER MAIN, 16"	0.0	FOOT	\$271.95	46.80	46.8	\$12,727.26	Due to the existing size water main at the northwest corner of Roosevelt Road and National Way, 16" ductile iron water main is required to be installed in lieu of the proposed lining of 12" water main.
AUP #05	SEED & BLANKET	0.0	SY	\$10.00	1,280.80	1,280.8	\$12,808.00	In lieu of installing Sod, Seed, Type 1A and Erosion Control Blanket will be installed.
TOTAL AMOUNT=							(\$706,065.37)	



VILLAGE OF LOMBARD
Roosevelt Road Watermain Lining
(West Contract)
Project No.: WA-12-01/03

AUP #04

DUCTILE IRON WATER MAIN, 16"

AMOUNT

This proposed extra work will be paid at **\$271.95/LF.**

SCOPE OF PROPOSED CHANGE/EXTRA WORK

Furnish and install 16" ductile iron water main at the northwest corner of Roosevelt Road and National Way. The work shall be performed per Section 561 from the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction.

EXPLANATION

During preliminary investigation by the Village Representative and the Resident Engineer, it was determined that the existing water main at the northwest corner of Roosevelt Road and National Way is 16" in diameter and not 12" as the plans state. This section of existing water main is called out to be lined and paid for under *Item #88 – Water Main Lining, 12"*. After weighing several options on whether to rehabilitate or replace the existing water main at this corner, it was determined this existing water main shall be removed and replaced with the same diameter water main which is currently in place.

IMPACT ON COST

The cost of this work was determined assuming 35.0 LF of 16" ductile iron water main will be installed. Once excavation and existing conditions are known, the exact lineal feet will be measured and paid for at the agreed unit price of \$271.95/LF.

IMPACT ON SCHEDULE

This work will not impact the schedule.

*Matthew F. Champine
November 16, 2016*

AUP #5

QUOTE

11/15/2016

FER-PAL INFRASTRUCTURE

PROPOSAL: **Seeding and Blanket**

LOCATION: **Roosevelt Rd**

FER-PAL CONSTRUCTION USA LLC | 1350 GASKET DR | ELGIN, 60120

Office: 847-214-0103 | Fax: 847-214-0104 | info@ferpalinfrastructure.com

To: **Thomas Engineering**
Attn: **Matt Champine**

ITEM NO	ITEM-DESCRIPTION	EST QUANTITY	UNIT	UNIT RATE
1	Seeding and Blanket	1	SV	\$ <u>10.00</u> OK



CHK BY: MFC 12/01/2016

PROJECT: ROOSEVELT ROAD WATERMAIN LINING - WEST
PROJECT NO.: WA-12-01/03
RESIDENT ENGINEER: MATTHEW CHAMPINE (THOMAS ENGINEERING GROUP)
CONTRACTOR: FER-PAL INFRASTRUCTURE

- In lieu of installing Sodding, Special, Seed, Type XX and Erosion Control Blanket will be installed.

ITEM #62 - SODDING, SPECIAL	
Unit Price For Item #62	\$17.50
Total Square Yards Still to be Installed	540.0
TOTAL COST STILL TO BE INSTALLED	\$9,450.00

AUP #04 - SEED & EROSION CONTROL BLANKET	
Unit Price For AUP #04	\$10.00
Total Square Yards Still to be Installed	540.0
TOTAL COST STILL TO BE INSTALLED	\$5,400.00

SUMMARY	
AUP #04 COST	\$5,400.00
DEDUCTION IN ITEM #62 COST	\$9,450.00
TOTAL NET EFFECT	(\$4,050.00)