



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 :

[Signature] 02/01/2017
Resident Engineer Date

Approved By: [Signature] 2/17/17
Director of Finance Date

[Signature] 02/01/17
Contractor Date

Approved By: [Signature] 2/21/17
(<\$10K or 25%) Village Manager Date

[Signature] 2/2/17
Village Engineer Date

Approved By: [Signature] 2/10/17
(>\$10K or 25%) Village President Date

[Signature] 2/3/17
Director of Public Works Date

Attest: [Signature] 2/10/17
Village Clerk Date

[Signature] 2/20/17
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	\$ 47.00	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	FLUOROCARBON 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 JA and Erosion Control Blanket will be installed.
TOTAL AMOUNT=							(\$706,065.32)	