



InterOffice Memo

To: David A. Hulseberg, Village Manager
From: David A. Dratnol, P.E., Village Engineer *DM*
Through: Carl Goldsmith, Public Works Director *CG*
Date: May 29, 2009
Subject: Main Street Access Improvement Project
Change Order No. 1 Final

Attached please find the Final Balancing Change Order (Change Order No. 1) for this project in the amount of a net decrease of \$44,767.80. The original Contract amount was \$580,240.99. If the change order is approved, the final contract cost will be \$535,473.19. The items below address the major changes:

UTILITY DELAYS:

This change order includes two remobilizations due to delays cause by relocation of Ameritech and MCI underground cables in conflict with the widening of Main Street south of the entrance to Glenbard East High School. The contractor had excavated the roadway and thus it was necessary to maintain the traffic control. These items resulted in an increase to the contract of \$1,950.00. The delays also necessitate an increase in time to the contract of 18 calendar days.

FIELD MEASURED QUANTITIES:

Adjustments to quantities based on field measured as-built quantities. The items result in a decrease in the cost of the project of \$46,717.80.

This item will be presented to the Public Works Committee on June 09, 2009. 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 18, 2009. If approved, please have two signed copies returned to Engineering for further processing.

cc: File: ST-08-03
Attachments: Change Order (4 Pages)

VILLAGE OF LOMBARD CHANGE ORDER

PROJECT NAME: Main Street Access Improvement PROJECT NO.: ST-08-03
 LOCATION: Main St. between Central Ave. and Wilson Ave. CHANGE ORDER: 1
at Glenbard East High Schools South Entrance
 CONTRACTOR: Chicagoland Paving Contractors, Inc. DATE: 5/21/2009
 DESCRIPTION OF CHANGE ORDER: See attachment for explanation of changes

ORIGINAL CONTRACT AMOUNT:	[1]	\$580,240.99
TOTAL OF PREVIOUS AUTHORIZED CHANGE ORDERS:	[2]	<u> </u>
CURRENT CONTRACT AMOUNT: ([1]+[2])	[3]	\$580,240.99
PROPOSED CHANGE ORDER: (PENDING APPROVAL)	[4]	(\$44,767.80)
PROPOSED REVISED CONTRACT AMOUNT: (PENDING APPROVAL) ([3]+[4])	[5]	\$535,473.19

NET OF ALL CHANGE ORDERS: (PENDING APPROVAL) ([2]+[4]) (\$44,767.80)
 TIME EXTENSION OR REDUCTION: 18 Calendar Days
 TOTAL CONTRACT TIME: (PENDING APPROVAL) 9/10/2008 Completion Date
 BUDGET ESTIMATE:
 ENGINEER'S ESTIMATE:

RECOMMENDED FOR ACCEPTANCE :

<u>Pat C. V. V3</u>	<u>5/21/09</u>	<u>5/29/09</u>	Approved By: <u> </u>	<u> </u>
Resident Engineer	Date	Date	Director of Finance	Date
<u>W.R. Bowers</u>	<u>5-28-09</u>		Approved By: <u> </u>	<u> </u>
Contractor	Date		(<\$10K or 25%) Village Manager	Date
<u>Paul A. Duhl</u>	<u>5/29/2009</u>		Approved By: <u> </u>	<u> </u>
Village Engineer	Date		(>\$10K or 25%) Village President	Date
<u> </u>	<u>5/29/09</u>		Attest: <u> </u>	<u> </u>
Director of Public Works	Date		Village Clerk	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.	Pay Item No.	Item	Orig. Quan.	Unit	Add or Deduct	Revised Quan.	Unit Price	Cost Difference
1	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	28	UNIT	4.00	32	\$30.00	\$120.00
2	20101000	TEMPORARY FENCE	260	FOOT	219.00	479	\$2.00	\$438.00
3	20101100	TREE TRUNK PROTECTION	3	EACH	(3.00)	0	\$50.00	(\$150.00)
4	20101200	TREE ROOT PRUNING	5	EACH	(5.00)	0	\$100.00	(\$500.00)
5	20200100	EARTH EXCAVATION	813	CUYD	(218.00)	595	\$31.00	(\$6,758.00)
6	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	241	CUYD	(241.00)	0	\$36.00	(\$8,676.00)
7	20400800	FURNISHED EXCAVATION	221	CUYD	(194.00)	27	\$30.00	(\$5,820.00)
8	20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	241	CUYD	(241.00)	0	\$40.00	(\$9,640.00)
9	20800250	TRENCH BACKFILL, SPECIAL	37	CUYD	15.00	52	\$82.00	\$1,230.00
10	21101615	TOPSOIL FURNISH AND PLACE, 4"	1047	SQYD	(114.00)	933	\$4.00	(\$456.00)
11	25000400	NITROGEN FERTILIZER NUTRIENT	13	POUND	(13.00)	0	\$10.00	(\$130.00)
12	25000500	PHOSPHOROUS FERTILIZER NUTRIENT	13	POUND	(13.00)	0	\$10.00	(\$130.00)
13	25000600	POTASSIUM FERTILIZER NUTRIENT	13	POUND	(13.00)	0	\$10.00	(\$130.00)
14	25200110	SODDING, SALT TOLERANT	1047	SQYD	(114.00)	933	\$5.00	(\$570.00)
15	25200200	SUPPLEMENTAL WATERING	16	UNIT	(16.00)	0	\$1.00	(\$16.00)
16	28000510	INLET FILTER	13	EACH	(13.00)	0	\$100.00	(\$1,300.00)
17	31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	390	SQYD	(313.00)	77	\$4.00	(\$1,252.00)
18	40600100	BITUMINOUS MATERIALS (PRIME COAT)	746	GAL	(156.00)	590	\$2.00	(\$312.00)
19	40600300	AGGREGATE (PRIME COAT)	9	TON	(9.00)	0	\$1.00	(\$9.00)
20	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	23	SQYD	(8.00)	15	\$20.00	(\$160.00)
21	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	995	TON	(31.00)	964	\$71.50	(\$2,216.50)
22	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	40	TON	(40.00)	0	\$100.00	(\$4,000.00)
23	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	280	TON	45.00	325	\$90.00	\$4,050.00
24	42001300	PROTECTIVE COAT	766	SQYD	(766.00)	0	\$2.00	(\$1,532.00)
25	42300710	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL	27	SQYD	1.00	28	\$70.00	\$70.00
26	42300800	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH, SPECIAL	64	SQYD	(11.00)	53	\$80.00	(\$880.00)
27	42400430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	3487	SQ FT	827.00	4314	\$6.00	\$4,962.00
28	42400800	DETECTABLE WARNINGS	92	SQYD	(68.00)	24	\$30.00	(\$2,040.00)
29	44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2"	2685	SQYD	(5.00)	2680	\$3.00	(\$15.00)
30	44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	450	SQYD	(24.00)	426	\$5.00	(\$120.00)
31	44000200	DRIVEWAY PAVEMENT REMOVAL	254	SQYD	(2.00)	252	\$10.00	(\$20.00)
32	44000300	CURB REMOVAL	432	FOOT	(175.00)	257	\$4.00	(\$700.00)
33	44000500	COMBINATION CURB AND GUTTER REMOVAL	1313	FOOT	61.00	1374	\$4.00	\$244.00
34	44000600	SIDEWALK REMOVAL	3241	SQFT	944.00	4185	\$0.75	\$708.00
35	44201729	CLASS D PATCHES, TYPE II, 7 INCH	85	SQYD	(74.00)	11	\$60.00	(\$4,440.00)
36	44201733	CLASS D PATCHES, TYPE III, 7 INCH	74	SQYD	(4.00)	70	\$60.00	(\$240.00)
37	44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	627	SQYD	(627.00)	0	\$3.50	(\$2,194.50)
38	44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	572	FOOT	(572.00)	0	\$2.00	(\$1,144.00)
39	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	253	FOOT	(8.00)	245	\$73.75	(\$590.00)
40	60109510	PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"	120	FOOT	(30.00)	90	\$31.00	(\$930.00)
41	60260050	SANITARY MANHOLES TO BE RECONSTRUCTED	1	EACH	(1.00)	0	\$2,000.00	(\$2,000.00)
42	60266910	VALVE BOXES TO BE REMOVED	1	EACH	(1.00)	0	\$250.00	(\$250.00)
43	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	977	FOOT	(110.00)	867	\$18.00	(\$1,980.00)
44	60604200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	572	FOOT	89.00	661	\$20.00	\$1,780.00
45	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	1	EACH	(1.00)	0	\$100.00	(\$100.00)
46	72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	3	EACH	(1.00)	2	\$100.00	(\$100.00)
47	72800100	TELESCOPING STEEL SIGN SUPPORT	106	FOOT	(97.00)	9	\$10.00	(\$970.00)
48	78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOL	146	SQFT	(37.00)	109	\$30.75	(\$1,137.75)
49	78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	2341	FOOT	(204.00)	2137	\$4.15	(\$846.60)
50	78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	421	FOOT	(230.00)	191	\$5.85	(\$1,345.50)
51	78003150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	457	FOOT	(84.00)	373	\$13.25	(\$1,113.00)
52	78003180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"	79	FOOT	54.00	133	\$31.00	\$1,674.00
53	78300100	PAVEMENT MARKING REMOVAL	87	SQFT	30.00	117	\$4.00	\$120.00
54	81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	21	FOOT	568.00	589	\$10.50	\$5,964.00
55	81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	183	FOOT	66.00	249	\$15.00	\$990.00
56	81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	5	FOOT	(5.00)	0	\$18.50	(\$92.50)
57	81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	32	FOOT	65.00	97	\$19.50	\$1,267.50
58	81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	36	FOOT	104.00	140	\$18.50	\$1,924.00
59	81018600	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	14	FOOT	(14.00)	0	\$25.75	(\$360.50)
60	81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	140	FOOT	(70.00)	70	\$27.30	(\$1,911.00)
61	81400100	HANDHOLE	2	EACH	1.00	3	\$978.50	\$978.50
62	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	161	FOOT	292.00	453	\$5.15	\$1,503.80
63	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	335	FOOT	362.00	697	\$2.10	\$760.20
64	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	685	FOOT	40.00	725	\$2.10	\$84.00
65	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	1315	FOOT	(280.00)	1035	\$2.10	(\$588.00)
66	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	215	FOOT	179.00	394	\$2.10	\$375.90
67	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	76	FOOT	291.00	367	\$6.50	\$1,891.50
68	Z0001050	AGGREGATE SUBGRADE 12"	708	SQYD	76.00	784	\$14.00	\$1,064.00
69	Z0019600	DUST CONTROL WATERING	8	UNIT	(8.00)	0	\$1.00	(\$8.00)
70	X0301576	COAXIAL CABLE IN CONDUIT	232	FOOT	(11.00)	221	\$2.10	(\$23.10)
71	X0323706	TRASH RECEPTACLE RELOCATION	1	EACH	(1.00)	0	\$250.00	(\$250.00)
72	X0323973	SEDIMENT CONTROL, SILT FENCE	640	FOOT	(113.00)	527	\$2.00	(\$226.00)
73	X0323974	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	320	FOOT	(320.00)	0	\$2.00	(\$640.00)
74	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	2	EACH	(1.00)	1	\$280.00	(\$280.00)
75	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	3	EACH	(1.00)	2	\$500.00	(\$500.00)
76	X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	517	FOOT	281.00	798	\$2.25	\$632.25
77	X8730250	ELECTRIC CABLE IN CONDUIT, NO. 20 3C, TWISTED, SHIELDED	326	FOOT	220.00	546	\$2.10	\$462.00
78	XX003668	PRECONSTRUCTION VIDEO TAPING	1	L. SUM	(1.00)	0	\$500.00	(\$500.00)
79	XX005645	BITUMINOUS DRIVEWAY PAVEMENT 4"	228	SQYD	(57.00)	171	\$50.00	(\$2,850.00)
80	XX005656	INLET FILTER CLEANING	22	EACH	(22.00)	0	\$50.00	(\$1,100.00)
81		ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18 3C	500	FOOT	(7.00)	493	\$1.50	(\$10.50)
82		EXPLORATION TRENCH, SPECIAL	263	CU FT	(47.00)	216	\$14.00	(\$658.00)
83		INLETS, SPECIAL	1	EACH	(1.00)	0	\$1,000.00	(\$1,000.00)
84		STORM SEWERS, 4" PVC FOR INLETS SPECIAL	70	FOOT	(70.00)	0	\$30.00	(\$2,100.00)
85		REMOBILIZATION FOR UTILITY DELAYS	0	EACH	2.00	2	\$300.00	\$600.00
86		TRAFFIC CONTROL FOR UTILITY DELAYS	0	CAL DAY	18.00	18	\$75.00	\$1,350.00
Total Amount of Change Order =								-\$44,767.80

No.	DESCRIPTION
1 - 84	All items on this change order are for the difference between the plan quantity and the measured in place quantity. If an item was increased due to other reasons in addition to this one, additional notes are added below.
21	Difference between plan quantity and measured in place quantity. Shortened job length due to conflict with concurrent project to the south.
22	Used N70 on High School drive instead of N50
23	Used N70 on High School drive instead of N50
27	Difference between plan quantity and measured in place quantity. Added several squares of S/W that were not shown on plans due to their poor condition and/or trip hazards.
34	Difference between plan quantity and measured in place quantity. Added several squares of S/W that were not shown on plans due to their poor condition and/or trip hazards.
37	Existing Bit drive at High School was completely removed due to its poor condition. New HMA was not overlaid on old pavement so ARCC was not needed.
54	Difference between plan quantity and measured in place quantity. Pipe runs changed dramatically due to a change in the location of the controller cabinet from the NW quadrant to the SE quadrant. Controller was relocated to improve line of sight for vehicles leaving high school property. ComEd service run was also significantly longer then the plan length.
55	Difference between plan quantity and measured in place quantity. Pipe runs changed dramatically due to a change in the location of the controller cabinet from the NW quadrant to the SE quadrant. Controller was relocated to improve line of sight for vehicles leaving high school property.
57	See discription for #55
58	See discription for #55
60	See discription for #55
62	Difference between plan quantity and measured in place quantity. Pipe runs changed dramatically due to a change in the location of the controller cabinet from the NW quadrant to the SE quadrant. Controller was relocated to improve line of sight for vehicles leaving high school property. ComEd service run was also significantly longer then the plan length.
63	See discription for #55
64	See discription for #55
65	See discription for #55
66	See discription for #55
67	See discription for #55
85	AT&T Utility relocation delayed contractor on two different occaisions causing contractor to pull off job and remobilize two different times. The contractor is charging an additional \$300 per remobilization to compensate for their added expense caused by these utility delays.
86	Due to the delays mentioned in No. 85, the contract completion date was extened from 8/22/08 to 9/10/08 or 18 Cal Days. Since the delays were at no fault caused by the contractor they are asking for an extra of \$75/Cal Day x 18 Cal Days or \$1350.00.

	TIME EXTENSION DESCRIPTION
	Starting on June 16, 2008, it was discovered that an AT&T phone duct was in the way of our excavation for the additional lane along the west parkway. AT&T was notified.
	The contractor came back on-site on July 21, 2008 with the belief that AT&T would be finished with their relocate in a couple of days and they could finish their work. On July 26, 2008 it was apparent that the work AT&T finished was not sufficient and they were still in conflict with the additional lane work.
	The contractor was finally able to come back on-site on August 18, 2008 and were able to substantially complete the project on September 10, 2008.
	In total the contract was delayed 58 Calendar Days (6/16 to 7/21 + 7/26 to 8/18)
	Contract completion date = 8/22/08
	Actual completion date = 9/10/08
	The Contractor was able to substantially finish with only an extra 18 Calendar Days. (8/22/08 to 9/10/08)