



Martin G. Buehler, P.E.
Director of Transportation/County Engineer

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Arlington Heights Rd. & Buffalo Grove Rd. Concrete Pavement Rehabilitation
LCDOT Change Order No. 4 & Final

TO: Public Works and Transportation Committee
Financial Administrative Committee

Committee Action Meeting Date

DATE: January 5, 2011

DATE: January 5, 2011

FROM: _____
Martin G. Buehler, P.E.
County Engineer

SUBJECT: Change Order No. 4F
Section No. 08-00999-02-RP

Joint Committee action item approving Change Order No.4 & Final consisting of a decrease of \$91,688.88 for deductions to the Arlington Heights Rd. & Buffalo Grove Rd. Concrete Pavement Rehabilitation, designated as Section No.08-00999-02-RP.

- Arlington Heights Rd. & Buffalo Grove Rd. Concrete Pavement Rehabilitation:
LCDOT Change Order No. 4 & Final
- Change Orders need to be approved by the standing committees for cumulative net increases over 10%.
- The Arlington Heights Rd. & Buffalo Grove Rd. Concrete Pavement Rehabilitation is under contract with Vixen Construction, Inc. in the amount of \$2,379,085.70.
- Additional construction costs are being requested for several revisions to the original scope of work as detailed in the attached Change Order No. 4 & Final.

Summary:

Original awarded contract:	\$2,379,085.70
Change Order No.1-3:	+\$754,558.26 (+31.716%)
Change Order No.4 & Final:	-\$91,688.88 (-3.854%)
Sum of all changes:	+\$662,869.38 (+27.862%)

ILLINOIS DEPARTMENT OF TRANSPORTATION
Request for Approval
of Change in Plans

Date: 11/30/10

Request: 4 and Final

To: Department of Transportation
LCDOT/SCHAUMBURG

I recommend that a deduction be made to the above contract:

The estimated quantities are shown below and the contractor agrees to furnish the materials and do the work at the contract unit prices.

Local Agency: Lake County

Name: Arlington Heights Rd &
Buffalo Grove Rd Conc Punt Rehab
Section: 08-009999-02-RP

Contractor: Vixen Construction, Inc.
Address: 7600 W. 79th Street
Bridgeview, IL 60455
Contract Amount: \$2,379,085.70

Item #	Description	Unit	Changed Quantity	Unit Price	Additions	Deductions
1	Tree Root Pruning	Each	-35.00	\$45.50	\$0.00	-\$1,592.50
2	Tree Pruning (1 to 10 inch diameter)	Each	-45.00	\$27.50	\$0.00	-\$1,237.50
4	Earth Excavation	Cu Yd	-47.00	\$44.60	\$0.00	-\$2,096.20
5	Furnished Excavation	Cu Yd	-470.00	\$5.40	\$0.00	-\$2,538.00
6	Porous Granular Embankment, Special	Ton	-180.00	\$37.25	\$0.00	-\$6,705.00
8	Geotechnical Fabric for Ground Stabilization	Sq Yd	-219.40	\$2.10	\$0.00	-\$460.74
9	Exploration Trench, Special	Foot	-10.00	\$57.80	\$0.00	-\$578.00
10	Erosion Control Blanket	Sq Yd	-2645.00	\$1.15	\$0.00	-\$3,041.75
11	Temporary Erosion Control Seeding	Pound	-55.00	\$1.85	\$0.00	-\$101.75
13	Inlet Filters	Each	-39.00	\$135.00	\$0.00	-\$5,265.00
14	Mixture for Cracks, Joints, and Flangeways	Ton	-13.66	\$251.00	\$0.00	-\$3,428.66
16	Protective Coat	Sq Yd	-3458.60	\$0.70	\$0.00	-\$2,421.02
17	Portland Cement Concrete Sidewalk 5"	Sq Ft	476.80	\$11.50	\$5,483.20	\$0.00
18	Detachable Warnings	Sq Ft	-259.00	\$22.00	\$0.00	-\$5,698.00
19	Pavement Removal	Sq Yd	-3.40	\$24.65	\$0.00	-\$83.81
20	Sidewalk Removal	Sq Ft	476.80	\$3.95	\$1,883.36	\$0.00
21	Combination Concrete Curb and Gutter Removal and Replacement	Foot	7.50	\$34.00	\$255.00	\$0.00
22	Paved Shoulder Removal	Sq Yd	-10.70	\$10.00	\$0.00	-\$107.00
23	Class B Patches, Type 1, 9"	Sq Yd	-508.80	\$74.00	\$0.00	-\$37,681.20
24	Class B Patches, Type 2, 9"	Sq Yd	-620.70	\$71.00	\$0.00	-\$44,069.70
25	Class B Patches, Type 3, 9"	Sq Yd	24.20	\$66.00	\$1,597.20	\$0.00
26	Class B Patches, Type 4, 9"	Sq Yd	9.70	\$67.25	\$662.33	\$0.00
27	Class B Patches, Type 4, 10"	Sq Yd	-119.30	\$80.25	\$0.00	-\$9,573.83
28	Class B Patches, Type 2, 10"	Sq Yd	64.40	\$77.00	\$4,956.80	\$0.00
29	Class B Patches, Type 3, 10"	Sq Yd	-32.70	\$72.25	\$0.00	-\$2,362.56
30	Class B Patches, Type 4, 10"	Sq Yd	-90.20	\$73.40	\$0.00	-\$6,620.68
Sub Total pg 1					\$14,829.89	-\$135,632.91

P/O No.:

ILLINOIS DEPARTMENT OF TRANSPORTATION

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Request: 0

Name: Arlington Heights Rd &

Item #	Description	Unit	Changed Quantity	Unit Price	Additions	Deductions
32	Joint or Crack Routing (PC Concrete Pavement and Shoulder)	Foot	327.00	\$0.70	\$228.90	\$0.00
33	Joint and Crack Filling	Pound	4414.00	\$5.65	\$24,939.10	\$0.00
34	Storm Sewers to be Cleaned	Foot	-60.00	\$10.25	\$0.00	-\$615.00
35	Storm Sewers, Class A, Type 1, 12"	Foot	-2.10	\$93.70	\$0.00	-\$83.37
40	Catch Basins to be Adjusted	Each	-17.00	\$210.00	\$0.00	-\$3,570.00
41	Catch Basins to be Reconstructed	Each	-4.00	\$710.00	\$0.00	-\$2,840.00
42	Manholes to be Adjusted	Each	-7.00	\$210.00	\$0.00	-\$1,470.00
43	Manholes to be Reconstructed	Each	-4.00	\$710.00	\$0.00	-\$2,840.00
44	Inlets to be Adjusted	Each	-4.00	\$210.00	\$0.00	-\$840.00
45	Inlets to be Reconstructed	Each	-4.00	\$710.00	\$0.00	-\$2,840.00
48	Corrugated Median	Sq Ft	-43.20	\$18.00	\$0.00	-\$777.60
53	Remove Sign Panel Assembly - Type A	Each	-1.00	\$51.25	\$0.00	-\$51.25
54	Relocate Sign Panel Assembly - Type A	Each	-2.00	\$153.00	\$0.00	-\$306.00
55	Polyurea Pavement Marking Type 1 - Letters and Symbols	Sq Ft	-1.20	\$3.60	\$0.00	-\$4.32
56	Polyurea Pavement Marking Type 1 - Line 4"	Foot	1860.00	\$1.05	\$1,953.00	\$0.00
57	Polyurea Pavement Marking Type 1 - Line 6"	Foot	-14.00	\$1.60	\$0.00	-\$22.40
58	Polyurea Pavement Marking Type 1 - Line 12"	Foot	247.80	\$3.15	\$780.57	\$0.00
59	Polyurea Pavement Marking Type 1 - Line 24"	Foot	-48.00	\$6.25	\$0.00	-\$300.00
60	Raised Reflective Pavement Marker	Each	-4.00	\$26.15	\$0.00	-\$104.60
61	Raised Reflective Pavement Marker	Each	-185.00	\$9.25	\$0.00	-\$1,711.25
65	Detector Loop Replacement	Foot	710.80	\$15.50	\$11,017.40	\$0.00
66	Maintenance of Temporary Erosion Control Systems	Unit	-21401.00	\$1.00	\$0.00	-\$21,401.00
67	Backer Material	Foot	-3539.50	\$0.55	\$0.00	-\$1,946.73
68	Diamond Grinding Concrete Pavement	Sq Yd	-788.65	\$4.80	\$0.00	-\$3,785.52
69	Conduit in Ground, 2" Diameter, Galvanized Steel	Foot	-21.00	\$11.80	\$0.00	-\$247.80
71	Clean Existing Structures	Each	-9.00	\$359.00	\$0.00	-\$3,231.00
72	Electric Cable in Conduit, Tracer, No.14 1C	Foot	70.00	\$0.75	\$52.50	\$0.00
73	Partial Depth Patching	Ton	-1.80	\$2,550.00	\$0.00	-\$4,590.00
74	Partial Depth Removal 3"	Sq Yd	-9.10	\$303.00	\$0.00	-\$2,757.30
75	Pipe Underdrains 4" (Modified)	Foot	-35.00	\$18.65	\$0.00	-\$652.75
76	Corrugated Median Removal	Sq Ft	-43.20	\$6.00	\$0.00	-\$259.20
77	Engineer's Field Office, Type A (Modified)	Cal Mo	4.00	\$2,500.00	\$10,000.00	\$0.00
78	Paint Pavement Marking - Raised Median	Sq Ft	-2902.80	\$1.10	\$0.00	-\$3,193.08
79	Sodding (Complete)	Sq Yd	628.30	\$9.15	\$5,748.95	\$0.00
				Sub Total pg 2	\$55,560.42	-\$59,600.17
				Sub Total pg 1	\$14,829.89	-\$135,632.91
				TOTALS	\$70,390.30	-\$195,233.08

ILLINOIS DEPARTMENT OF TRANSPORTATION

Request for Approval
of Change in Plans

Request: 0

Name: Arlington Heights Rd &

Item #	Description	Unit	Changed Quantity	Unit Price	Additions	Deductions
80	Fiber Optic Cable in Conduit, No 62 5/125, MM12E SW24F	Foot	46.00	\$4.95	\$227.70	\$0.00
81	Tree Protection and Preservation	Each	-16.00	\$102.00	\$0.00	-\$1,632.00
82	Aggregate Subgrade 12"	Sq Yd	-18.20	\$16.30	\$0.00	-\$296.66
83	Dowel Bar Assembly	Each	-306.00	\$79.00	\$0.00	-\$24,174.00
84	Dust Control Watering	Unit	-2.00	\$500.00	\$0.00	-\$1,000.00
501	Dowel Bars	Each	565.00	\$14.75	\$8,333.75	\$0.00
502	Tie Bars	Each	-1550.00	\$11.25	\$0.00	-\$17,437.50
504	Rebuild Existing Handhole	Each	1.00	\$2,025.45	\$2,025.45	\$0.00
505	Removal of Elastomeric Joint Seal	Foot	6384.50	\$1.55	\$9,895.98	\$0.00
506	Additional Traffic Control	Lump Sum	1.00	\$5,880.60	\$5,880.60	\$0.00
507	Restocking Material - Deleted Dowel Bars	Lump Sum	1.00	\$2,034.00	\$2,034.00	\$0.00
701	Remove Existing Sealant	Dollar	13631.33	\$1.00	\$13,631.33	\$0.00
702	Sealing Joints - BG new pavement	Dollar	3799.39	\$1.00	\$3,799.39	\$0.00
703	Remove and Replace Existing Curb and Gutter to resolve drainage issues	Dollar	11224.08	\$1.00	\$11,224.08	\$0.00
704	Remove Existing Cold Patch/Asphalt in Longitudinal Joints	Dollar	20741.78	\$1.00	\$20,741.78	\$0.00
					\$0.00	\$0.00
					\$0.00	\$0.00
					\$0.00	\$0.00
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					\$0.00	\$0.00
Sub Total pg 3					\$77,694.06	-\$44,540.16
Sub Total pg 1 & 2					\$70,390.30	-\$196,233.08
TOTALS					\$148,084.36	-\$239,773.24

Request: 0

NET CHANGE

\$0.00

-\$91,688.88

Net ADDITION change to date

\$962,869.38

which is 27.862 % of the contract price

State fully the nature and reason for change: **Item #504**-existing handhole at Checker/Arlington His road in bad condition. Need to rebuild. See attached AUP.
Item #505-deleted Item #31 in auth.#3, agreed to remove joint seal and put back in joint filler (Item #33). This item is to pay for removal of rubber seal. See attached AUP.
Item #506-due to increased patch quantities in lieu of DBR's on AH, work was carried over to the following year and traffic control was needed for additional months to complete project. See attached AUP
Item #507-restocking fee for the deletion of DBR's. See attached for price. **Item #701**-contractor removed existing sealant in DBR's before decision was made to delete DBR's on AH in lieu of additional patches. Contractor to be compensated on force account. See attached billing.
Item #702-contractor to be compensated for extra time and work to clean out and seal saw cuts in new PCC pavement on Buffalo Grove. See attached billing.
Item #703-existing curb needed to be removed and replaced to resolve drainage issues along curb and pavement on AH. See attached billing.
Item #704-No pay item included to remove existing cold patch/asphalt in longitudinal joints. Contractor to be compensated on force account. See attached billing.
All other items-final balancing.
When the net increase or decrease in the cost of the contract is \$10,000 or more or the time of completion is increased or decreased by 30 days or more, one of the following statements shall be checked.

XXX The undersigned determined that the circumstances which necessitated this change were not reasonably foreseeable at the time the contract was signed.

The undersigned determined that the circumstances which necessitated this change were not within the contemplation of the contract as signed.

The undersigned determined that this change is in the best interest of the local agency and is authorized by law.

Made By *[Signature]* Date 12/20/10
Checked By *[Signature]* Date 12/20/10

Approval Recommended _____ Date _____
County Engineer

BLR13210
Submit 3 copies of this form to Regional Engineer (4 copies for road district)
updated GP 5/21/08 (for use on projects with MFT Funding)

