

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: Tim Sexton, Acting Village Manager

DATE: December 11, 2013 (COW) (B of T) **Date:** December 19, 2013

TITLE: Finley Road Pavement Rehabilitation – Phase 2
 Change Order No. 5

SUBMITTED BY: David A. Dratnol, P.E., Village Engineer *dad*

BACKGROUND/POLICY IMPLICATIONS:

Change Order No. 5 is a net decrease of (\$10,711.06). The change order is for contract quantity adjustments, a new pay item and an extension to the contract time.

FISCAL IMPACT/FUNDING SOURCE:

PO #: 2013-00002629

Project #: ST 12 02

Current Contract Amount: \$1,999,032.82

Change Order #4: (\$10,711.06). Credited to Capital Projects Fund

Total Revised Contract Amount: \$1,988,321.76

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: Tim Sexton, Acting Village Manager
From: David A. Dratnol, P.E., Village Engineer *DD*
Through: Carl Goldsmith, Public Works Director *CJ*
Date: December 11, 2013
Subject: Finley Road Pavement Rehabilitation – Phase 2
 Change Order No. 5

Attached please find Change Order No. 5 for this project in the amount of a net decrease of (\$10,711.06). The change order modifies existing pay items based on current field measured quantities and adds an Authorized Unit Price (AUP) item to the contract. The change order also extends the allocated amount of calendar days to the contract.

ADJUSTMENT TO EXISTING QUANTITIES

Refer to the summary sheets behind the change order form for all changes to contract pay items. Pay items that increased or decreased by \$4,000.00 or more are summarized below:

TOPSOIL FURNISH AND PLACE: Contract quantity was exceeded. Additional areas within temporary easements were disturbed by utility/grading improvements. *Increase of \$4,020.00*

AGGREGATE BASE REPAIR: Contract quantity was not needed. Based on the soil borings and evaluation of the existing condition of the asphalt pavement, this pay item was included in the original contract. After the removal of sections of asphalt pavement that needed to be patched, the exiting base was found to be in good condition. *Decrease of \$10,250.00*

HOT-MIX ASPHALT SURFACE COURSE MIX: Additional contract quantity was needed. The limits of pavement restoration were extended on some side streets. On Charles Lane and on Hickory Street, water main improvements were extended further west to accommodate valve installations. On Maple and Willow Streets the paving limits were extended to improved drainage and were extended to a point where an acceptable joint could be constructed. *Increase of \$15,867.00*

SIDEWALK REMOVAL: Contract quantity was exceeded. Additional sidewalk was found to be in substandard condition. Sidewalk was also removed to improve drainage between private property and the right-of-way. *Increase of \$4,980.00*

DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED: Sufficient quantity was not included in the original contract. Water service boxes were raised in response to the elevation of the new curb line. The curb line was elevated to accommodate the "white topping" process. *Increase of \$5,400.00*

SODDING, SPECIAL: Contract quantity will be exceeded. Additional areas within temporary easements were disturbed by utility/grading improvements. *Increase of \$12,060.00*

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH, SPECIAL: Contract quantity was exceeded. Additional sidewalk was found to be in substandard condition. Sidewalk was also removed to improve drainage between private property and the right-of-way. *Increase of \$19,932.00*

WATER MAIN FITTINGS: Sufficient quantity was not included in the original contract. A second sleeve for the installation of valves on the water main was not accounted for. *Increase of \$5,660.00*

DETECTABLE WARNINGS, PLASTIC: Contract quantity was exceeded. Due to the unit price of the curved versus rectangular plates, the rectangular pieces were used wherever ADA requirements would allow. *Increase of \$6,083.00*

DETECTABLE WARNINGS, PLASTIC, CURVED: Contract quantity was reduced. Due to the unit price of the curved versus rectangular plates, the used of curved pieces was minimized to save money. *Decrease of \$81,420.00*

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, RESIDENTIAL: Contract quantity was exceeded. Residents can “upgrade” asphalt aprons to concrete within construction areas per Public Works policy. Residents are responsible for the cost difference between asphalt and concrete. Public Works notifies residents of this program, supplies price quotes and then collects monies from residents who choose to participate in the program. *Increase of \$7,799.40*

CLASS D PATCHES, 9 INCH: Sufficient quantity was not included in the original contract. A second sleeve for the installation of valves on the water main was not accounted for. *Increase of \$5,660.00*

RAILROAD FLAGGER: Railroad flagger was not supplied during the work at Finley Road and Union Pacific Railroad crossing. *Decrease of \$10,000.00*

STORM SEWER REPAIR 84 INCH: During the initial televising of the 84 inch storm sewer line, it was determined that six (6) joints within the pipe needed to be repaired. The repair process required that a person use confined space gear. As the laborer walked the line to confirm the repair areas, it was discovered that the pipe needs additional repairs along with the removal of an extensive amount of sediment was necessary. The long term solution for the pipe is a trenchless rehabilitation alternative, either a cured-in-place liner pipe or a grouting process. The decision was made to address leaking joints and the joints that affect the structural integrity of the pipe. The cleaning and rehabilitation of the pipe will be addressed in a 2015 project that is already programmed into the CIP. *Increase of \$28,000.00*

NEW PAY ITEM:

T & M 8 STORM SEWER LINE REPAIR

Upon completion of sewer repairs, it is policy of the Engineering Division to have the lines televised to inspect and confirm the location and quality of the repair. During the televising of the 27 inch diameter storm sewer in the vicinity of Hickory Street and Finley Road, it was discovered that a 6 inch diameter sanitary service line ran thru the storm sewer. This was not called out on the initial sewer TV tape, as that section of sewer was underwater at the time of televising. The time and material billing represent the labor, material and equipment costs to properly saddle the service line on the crown edge of the storm sewer. *Cost of repair was \$2,138.49*

TIME EXTENSION

Another five (5) calendar days were allotted to the contractor due to the additional repairs to the 84 Inch storm sewer repair. This makes the final completion date December 1, 2013. Taking into account the working day contract clause from the IDOT Standard Specifications for Road and Bridge Construction, which suspends work on December 1st to May 1st, the contractor is expected to fully complete all work, including punch list items by May 1, 2014.

This change order will be presented to the Public Works Committee via a phone poll. 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 December 19, 2013. If approved, please have two signed copies returned to Engineering for further processing.

DAD/rgs

H:\PW\PW-Eng\PROJECTS\FY2012\ST-12-05 Finley Road Rehabilitation (Wilson to Glen Oak)\Construction - Phase 2\Change Orders\CO #5 BoT memo.doc

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. 5 to the contract between the Village of Lombard and ALamp Concrete Contractors regarding the Finley Road Rehabilitation Project, Phase 2 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 attached hereto as Exhibit "A" would decrease the dollar amount of the contract by decrease of (\$10,711.06). and extend the contract by five (5) calendar days.

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 _____

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Adopted this 18th day of December, 2013, pursuant to a roll call vote as follows:

Ayes: _____

Nays: _____

Absent: _____

Approved by me this 18th day of December, 2013.

Keith Giagnorio
Village President

ATTEST:

Janet Downer
Deputy Village Clerk

VILLAGE OF LOMBARD CHANGE ORDER

PROJECT NAME: Finley Road Pavement Rehabilitation – Phase 2 PROJECT NO.: ST-12-03.2
 LOCATION: Finley Road (Charles Lane to Glen Oak Rd) CHANGE ORDER: 5
 CONTRACTOR: ALAMP Concrete Contractors DATE: 12/11/2013
 DESCRIPTION OF CHANGE ORDER: Extra work and contract quantity adjustments as shown

ORIGINAL CONTRACT AMOUNT:		[1]	<u>\$2,006,971.10</u>
TOTAL OF PREVIOUS AUTHORIZED CHANGE ORDERS:	#1-#4	[2]	<u>(\$7,938.28)</u>
CURRENT CONTRACT AMOUNT: ((1)+[2])		[3]	<u>\$1,999,032.82</u>
PROPOSED CHANGE ORDER: (PENDING APPROVAL)		[4]	<u>(\$10,461.06)</u>
PROPOSED REVISED CONTRACT AMOUNT: (PENDING APPROVAL) ((3)+[4])		[5]	<u>\$1,988,571.76</u>

NET OF ALL CHANGE ORDERS: (PENDING APPROVAL) ((2)+[4])			<u>(\$18,399.34)</u>
TIME EXTENSION OR REDUCTION:			
TOTAL CONTRACT TIME: (170 cdays +25 cdays + 5 cdays)		<u>200 calendar days</u>	revised
BUDGET ESTIMATE:			<u>\$2,280,885.00</u>
ENGINEER'S ESTIMATE:			<u>\$2,065,626.00</u>

RECOMMENDED FOR ACCEPTANCE :

	<u>12-11-13</u>		
Resident Engineer	Date	Approved By:	Date
		<u>Director of Finance</u>	

	<u>12-11-13</u>		
Contractor	Date	Approved By:	Date
		(<\$10K or 25%)	
		<u>Acting Village Manager</u>	

	<u>12-11-13</u>		
Village Engineer	Date	Approved By:	Date
		(>\$10K or 25%)	
		<u>Village President</u>	

	<u>12/11/13</u>		
Director of Public Works	Date	Attest:	Date
		<u>Deputy Village Clerk</u>	

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.

Finley Road Pavement Rehabilitation -- Phase 2

12/11/2013

Change Order #: 5

No. Item	item	Current Quantity	Unit	Unit Price	Revised Quantity	Difference	Amount	Description
10	TOPSOIL FURNISH AND PLACE, 4"	6,990.00	SY	\$2.00	9000.00	2010.0	\$4,020.00	Estimated Work added for 2014
12	TEMPORARY EROSION CONTROL SEEDING	145.00	LB	\$1.00	0.00	(145.0)	(\$145.00)	Pay item not used
21	HOT-MIX ASPHALT BASE COURSE, 7"	22.00	SY	\$80.00	30.00	8.0	\$640.00	Field measured quantity
22	AGGREGATE BASE REPAIR	410.00	TN	\$25.00	0.00	(410.0)	(\$10,250.00)	Pay item not used
25	AGGREGATE (PRIME COAT)	3.00	TN	\$1.00	0.00	(3.0)	(\$3.00)	Pay item not used
28	HOT-MIX ASPHALT SURFACE COURSE, MIX	167.00	TN	\$90.00	343.30	176.3	\$15,867.00	Work added by the Village
31	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	211.00	SY	\$2.50	426.40	215.4	\$538.50	Work added by the Village
32	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	8193.00	SY	\$3.50	8283.30	90.3	\$316.05	Balance pay item
34	COMBINATION CURB AND GUTTER REMOVAL	5914.00	FT	\$3.00	6086.00	172.0	\$516.00	Balance pay item
35	SIDEWALK REMOVAL	11993.00	SF	\$1.00	16973.00	4980.0	\$4,980.00	Work added by the Village
45	STORM SEWER REMOVAL 54"	98.00	FT	\$50.00	112.00	14.0	\$700.00	Field measured quantity
46	DUCTILE IRON WATER MAIN 6"	8.00	FT	\$85.00	18.30	10.3	\$875.50	Field measured quantity
56	FIRE HYDRANT EXTENSION	4.00	FT	\$900.00	0.00	(4.0)	(\$3,600.00)	Pay item not used
58	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	2.00	EA	\$200.00	29.00	27.0	\$5,400.00	Work added by the Village
63	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	1.00	EA	\$2,300.00	2.00	1.0	\$2,300.00	Work added by the Village
76	COMB CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)	807.50	FT	\$18.00	808.00	0.5	\$9.00	Balance pay item
77	COMB CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)	5,386.00	FT	\$22.00	5404.00	18.0	\$396.00	Balance pay item
80	CHANGEABLE MESSAGE SIGN	16.00	MO	\$100.00	14.00	(2.0)	(\$200.00)	Field measured quantity
84	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	102.00	FT	\$4.00	0.00	(102.0)	(\$408.00)	Pay item not used
86	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"	16.00	FT	\$20.00	0.00	(16.0)	(\$320.00)	Pay item not used
87	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	601.00	FT	\$5.00	485.00	(116.0)	(\$580.00)	Field measured quantity
99	EXPLORATION TRENCH, SPECIAL	38.60	CY	\$25.00	52.00	13.4	\$335.00	Balance pay item
100	SODDING, SPECIAL	6,990.00	SY	\$6.00	9000.00	2010.0	\$12,060.00	Estimated Work added for 2014
101	PORTLAND CEMENT CONCRETE OVERLAY, 5"	8,389.00	SY	\$39.50	8402.00	3.0	\$118.50	Balance pay item
102	PAVEMENT FABRIC (SPECIAL)	8,399.00	SY	\$2.00	8402.00	3.0	\$6.00	Balance pay item
103	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	13,300.00	SF	\$4.00	18283.00	4983.0	\$19,932.00	Work added by the Village
110	GROOVING FOR RECESSED PAVEMENT MARKING 7"	102.00	FT	\$3.00	0.00	(102.0)	(\$306.00)	Pay item not used

Finley Road Pavement Rehabilitation – Phase 2

12/11/2013

Change Order #: 5

No. Item	item	Current Quantity	Unit	Unit Price	Revised Quantity	Difference	Amount	Description
113	GROOVING FOR RECESSED PAVEMENT MARKING 25"	16.00	FT	\$20.00	0.00	(16.0)	(\$320.00)	Pay item not used
124	DUST CONTROL WATERING	14.00	Unit	\$1.00	51.00	37.0	\$37.00	Work added by the Village
127	MAINTENANCE OF LIGHTING SYSTEM	5.00	MO	\$1,500.00	6.00	1.0	\$1,500.00	Balance pay item
132	STORM SEWERS, WATER MAIN QUALITY PIPE, 18"	57.00	FT	\$125.00	60.00	3.0	\$375.00	Balance pay item
148	WATER MAIN FITTINGS	1,660.00	LB	\$4.00	3075.00	1415.0	\$5,660.00	Work added by the Village
149	DETECTABLE WARNINGS, PLASTIC	20.00	SF	\$25.00	261.20	241.2	\$6,030.00	Work added by the Village
150	DETECTABLE WARNINGS, PLASTIC, CURVED	392.00	SF	\$300.00	120.60	(271.4)	(\$81,420.00)	Work DEDUCTED by the Village
151	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, RESIDENTIAL	216.00	SY	\$42.00	401.70	185.7	\$7,799.40	Work added by the Village
152	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, COMMERCIAL	41.00	SY	\$50.00	46.00	5.0	\$250.00	Work added by the Village
153	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, RESIDENTIAL	716.00	SY	\$38.00	698.00	(18.0)	(\$684.00)	Balance pay item
156	UNIT DUCT, 600V, 3-1C NO. 2, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1-1/4" DIA. POLYETHYLENE	6,156.00	FT	\$5.00	6014.00	(142.0)	(\$710.00)	Balance pay item
157	CLASS C PATCHES, 9 INCH	29.00	SY	\$90.00	40.00	11.0	\$990.00	Work added by the Village
158	CLASS D PATCHES, 9 INCH	2,531.00	SY	\$55.00	2100.00	(431.0)	(\$23,705.00)	Work DEDUCTED by the Village
162	RAILROAD FLAGGER	1.00	LS	\$10,000.00	0.00	(1.0)	(\$10,000.00)	Pay item not used
164	TRENCH BACKFILL, MODIFIED	1,080.10	CY	\$45.00	1089.00	8.9	\$400.50	Balance pay item
165	STORM SEWER REPAIR- (84 inch)	6.00	EA	\$2,000.00	20.00	14.0	\$28,000.00	Estimated Work added per field exploration
T&M 8	STORM SEWER LINE REPAIR	-	LS	\$2,138.49	1.00	1.0	\$2,138.49	Work added by the Village
TOTAL AMOUNT=							(\$10,461.06)	