

DISTRICT 1, 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: David A. Hulseberg, Village Manager

DATE: July 29, 2013 (COW) (B of T) **Date:** August 15, 2013

TITLE: Finley Road Pavement Rehabilitation – Phase 1
Change Order No. 4 (Final)

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

BACKGROUND/POLICY IMPLICATIONS:

Change Order No. 4 is a net increase to the contract of \$39,743.24. The major dollar items for time and material billings related to difficulties, conflicts and delays encountered during the construction of the underground utility improvements.

FISCAL IMPACT/FUNDING SOURCE:

Current Contract Amount: \$2,197,188.88
Change Order #4: \$39,743.24 (Capital Projects Fund)
Total Revised Contract Amount: \$2,236,932.12
PO#: 2013-00001204
Account: 410.710.725.75420

Review (as necessary):

Village Attorney X _____ Date _____
Finance Director X _____ Date _____
Village Manager X _____ Date _____

NOTE: All materials must be submitted and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Agenda Distribution.

InterOffice Memo



To: David A. Hulseberg, Village Manager
 From: David A. Dratnol, P.E., Village Engineer *DD*
 Through: Carl Goldsmith, Public Works Director *CG*
 Date: July 29, 2013
 Subject: Finley Road Pavement Rehabilitation – Phase 1
 Change Order # 4 (Final)

Attached, please find Change Order # 4 (Final) in the amount of a net increase of \$39,743.24. This change order represents final adjustments to existing quantities and all outstanding time and material billings. All billings have been reviewed by Baxter and Woodman (resident engineer for the project) and Village staff.

ADJUSTMENT TO EXISTING QUANTITIES

Refer to the summary sheet behind the change order form for all changes to existing contract pay items. Pay items that increased or decreased by \$5,000.00 or more are summarized below:

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70: The current contract quantity was increased due to the extension of the paving limits along the side street adjacent to the Finley Road project area. The additional paving was done to either to improve drainage or to remove deteriorated pavement that was located by the proposed joint line as originally designated in the plans. Increase of \$11,280.00

NEW PAY ITEMS:

T&M 26 REMOVAL OF CONCRETE: While constructing the new 4 inch diameter force main from the Finley Road Lift Station to Hickory Street, the contractor encountered a street light pole foundation along the west curb line. When constructed, the concrete placement for the light pole foundation was not contained within the foundation form and spilled to an area that was in direct conflict with the proposed force main. Increase of \$1,961.91

T&M 27 GAS MAIN: During excavation of a drainage structure at the northwest intersection of Wilson Avenue and Finley Road, the contractor encountered a leaking gas main. Work was suspended while phone calls were placed to the Lombard Fire Department and NiCor. After Nicor arrived, they informed the contractor that he could not work in the vicinity of the leak. There was no other location within the project area for the contractor's crew to mobilize. The contractor's forces waited for the repair to be completed and then finished their work. The billing represents a 2.5 hour delay for the crew and equipment. The Village will pursue reimbursement from Nicor. Increase of \$1,440.34

T&M 28 MANHOLE MODIFICATION: A manhole had to be relocated within the southwest corner of Harrison and Madison Streets. The proposed location was in conflict with the existing street light unit duct. The unit duct could not be effectively relocated as it fed into the lighting controller located in the southwest corner of the intersection. The cost incurred was to modify the manhole to revise the pipe inverts at the wall of the structure. Total cost of this work results in an increase of the contract amount by \$2,537.54

T&M 29 POINT REPAIR: A section 24 inch diameter storm sewer was called out to be replaced. The repair was in a location where removal of the defective section was not feasible due to the proximity of other utility structures adjacent to the run of pipe and the sand backfill around those structures. The contractor was instructed to grout the existing pipe joints instead of removing the section of pipe. Time and Material billing of \$4,020.04

T&M 30 WINTER PROTECTION: In anticipation of overnight temperatures forecasted to be below freezing, precautions were taken to protect the freshly placed concrete sidewalk with insulated blanks. *Total cost of this work results in an increase of the contract amount by \$193.89*

AUP 9 54 INCH DIAMETER STORM SEWER: A section of 54 inch diameter ductile iron storm sewer that was delivered to the site and not used (refer to T&M 31). The pipe supplier did not categorize large diameter pipe as a restock item (standard practice). Therefore the unit price for this item includes the cost of the pipe, a 15% material mark-up (as allowed by the contract documents) and a delivery charge for taking the section of pipe back to the Contractors storage yard. Note that this section of pipe will be utilized in Phase 2 for Finley Road. The Village incurred a delivery charge for returning the pipe to the Phase 2 jobsite. *Total cost of this work results in an increase of the contract amount by \$10,567.62*

T&M 31 54 INCH DIAMETER STORM SEWER REPAIR: After reviewing the condition of the pipe, the surrounding ground conditions and proximity of other utilities, the decision was made to grout the joints of 3 sections of 54 inch diameter storm sewer along Finley Road. The inside of the pipe was grouted as opposed to removing the three (3), eight (8) foot sections of pipe. The Village incurred the cost of a time and material billing but this was balanced by a reduction of unit price items associated with pipe, trench backfill and pavement patching (a total of approximately \$21,044.00 which was part of Change Order #3). *Time and Material billing of \$4,673.36*

This change order will be presented to the Public Works Committee on August 13, 2013. 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 August 15, 2013. If approved, please have two signed copies returned to Engineering for further processing.

R E S O L U T I O N

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.4 (Final) to the contract between the Village of Lombard and "D" Construction Inc.. regarding the Finley Road Pavement Rehabilitation 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 increase the dollar amount of the contract by \$39,743.24.

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 15st day of August, 2013, pursuant to a roll call vote as follows:

Ayes: _____

Nays: _____

Absent: _____

Approved by me this 15th day of August, 2013.

Keith Giagnorio
Village President

ATTEST:

Sharon Kuderna
Village Clerk

VILLAGE OF LOMBARD CHANGE ORDER

PROJECT NAME: Finley Road Pavement Rehabilitation – Phase 1 PROJECT NO.: ST-12-05

LOCATION: Finley Road (Wilson Avenue to Charles Lane) CHANGE ORDER: 4 & FINAL

CONTRACTOR: "D" Construction Inc. DATE: 7/25/2013

DESCRIPTION OF CHANGE ORDER: Balancing contract items & extra work approved by the Village outside the scope of the project

ORIGINAL CONTRACT AMOUNT: [1] \$1,899,293.29

TOTAL OF PREVIOUS AUTHORIZED CHANGE ORDERS: #1 , #2, &3 [2] \$297,895.59

CURRENT CONTRACT AMOUNT: ((1)+[2]) [3] \$2,197,188.88

PROPOSED CHANGE ORDER: (PENDING APPROVAL) [4] \$39,743.24

PROPOSED REVISED CONTRACT AMOUNT: (PENDING APPROVAL) ((3)+[4]) [5] \$2,236,932.12

NET OF ALL CHANGE ORDERS: (PENDING APPROVAL) ((2)+[4]) \$337,638.83

TIME EXTENSION OR REDUCTION: _____

TOTAL CONTRACT TIME: 285 calendar Days

BUDGET ESTIMATE: \$2,280,885.00

ENGINEER'S ESTIMATE: \$2,065,626.00

RECOMMENDED FOR ACCEPTANCE :

 7-26-13 Approved By: _____
Resident Engineer Date Director of Finance Date

 7-26-13 Approved By: _____
Contractor Date (<\$10K or 25%) Village Manager Date

 7/29/13 Approved By: _____
Village Engineer Date (>\$10K or 25%) Acting Village President Date

 7/29/13 Attest: _____
Director of Public Works Date 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.

Finley Road Pavement Rehabilitation – Phase 1

7/25/2013

Change Order #: 4 & FINAL

Coded Pay Item	Item	Current Quantity	Unit	Unit Price	Revised Quantity	Difference	Amount	Description
17	BITUMINOUS MATERIALS (PRIME COAT)	255.00	GALLON	\$2.00	631.00	376.00	\$752.00	Agree to quantity
23	HOT-MIX ASPHALT SURFACE COURSE, MIX "D",	175.00	TON	\$80.00	316.00	141.00	\$11,280.00	Increased paving area
91	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	5,173.00	FOOT	\$3.00	5,470.00	297.00	\$891.00	Final field measured quantities
92	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	414.00	FOOT	\$4.40	258.00	(156.00)	(\$686.40)	Final field measured quantities
93	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	846.00	FOOT	\$8.80	550.00	(296.00)	(\$2,604.80)	Final field measured quantities
106	GROOVING FOR RECESSED PAVEMENT MARKING 5"	5,173.00	FOOT	\$0.66	5,470.00	297.00	\$196.02	Final field measured quantities
107	GROOVING FOR RECESSED PAVEMENT MARKING 7"	414.00	FOOT	\$1.32	165.00	(249.00)	(\$328.68)	Final field measured quantities
108	GROOVING FOR RECESSED PAVEMENT MARKING 13"	846.00	FOOT	\$2.20	357.00	(489.00)	(\$1,075.80)	Final field measured quantities
112	SANITARY SEWER CLEAN OUT	9.00	EACH	\$500.00	7.00	(2.00)	(\$1,000.00)	Final field measured quantities
131	DETECTABLE WARNINGS, PLASTIC	192.00	SQ FT	\$25.00	386.00	194.00	\$4,850.00	Final field measured quantities
144	STORM SEWERS, WATER MAIN QUALITY PIPE, 54"	16.00	FOOT	\$730.00	20.00	4.00	\$2,920.00	Final field measured quantities
149	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 18"	192.00	FOOT	\$13.20	151.00	(41.00)	(\$541.20)	Final field measured quantities
150	GROOVING FOR RECESSED PAVEMENT MARKING 19"	192.00	FOOT	\$3.30	100.00	(92.00)	(\$303.60)	Final field measured quantities
T&M 26	7/23/12-Remove concrete foundation base from the trench	-	LSUM	\$1,961.91	1.00	1.00	\$1,961.91	Concrete overspill from a light pole foundation was uncovered during the 4 in force installation and was in direct conflict with the pipe placement and had to be removed.
T&M 27	8/31/12-Storm MH 7A time lost due to gas main leak	-	LSUM	\$1,440.34	1.00	1.00	\$1,440.34	During the work a gas main leak was identified and further exploratory work done by D Construction uncovered the gas main which was leaking and the project was shut down for Nicor to repair.
T&M 28	9/13/12-Modify manhole	-	LSUM	\$2,537.54	1.00	1.00	\$2,537.54	Modified MH16 to account for electric line that was in conflict with the planned invert.
T&M 29	10/4/12-24 inch point repair	-	LSUM	\$4,020.04	1.00	1.00	\$4,020.04	Storm pipe was not able to be replaced so the Village decided to grout the joints of the 24inch storm pipe instead.

T&M 30	12/5/12-Extra winter protection of concrete	-	LSUM	\$193.89	1.00	1.00	\$193.89	Low temperature was below 32 degree which per specifications required protection of the concrete
AUP 9	10/01/12- 54 inch storm pipe (price/ft. includes the material markup (15%) and delivery back to the Contractors storage yard).	-	LSUM	\$10,567.62	20.00	20.00	\$10,567.62	10/01/12- 54 inch storm pipe that was delivered to the site and not used and the used for Phase 2 (price includes the material markup (15%) and delivery back to the Contractors storage yard and then back to the Phase 2 job site).
T&M 31	54 Inch Point Repair-Excavate and backfill	-	LSUM	\$4,673.36	1.00	1.00	\$4,673.36	The planned removal and replacement of the 54 inch storm pipe was not done it was agreed that the pipe joints could be grouted from the inside instead.

TOTAL AMOUNT= \$39,743.24