

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: November 6, 2012 (COW) (B of T) **Date:** November 15, 2012

TITLE: Finley Road Pavement Rehabilitation – Phase 1
Change Order No. 2

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

BACKGROUND/POLICY IMPLICATIONS:

Change Order No. 2 is a net increase to the contract of \$35,326.97. The change order is primarily 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: \$2,237,839.98
Change Order #2: \$35,326.97 (\$10,838.55 Capital Projects Fund, \$24,488.42 Water/Sewer Fund)
Total Revised Contract Amount: \$2,273,166.95

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: David A. Hulseberg, Village Manager
 From: David A. Dratnol, P.E., Village Engineer *Dratnol*
 Through: Carl Goldsmith, Public Works Director *CG*
 Date: November 6, 2012
 Subject: Finley Road Pavement Rehabilitation – Phase 1
 Change Order # 2

Attached please find Change Order # 2 for this project in the amount of a net increase of \$35,326.97. The change order represents a time extension along with time and material bills primarily associated with the construction of underground improvements. All billings have been review by Baxter and Woodman (resident engineer for the project) and Village staff.

TIME EXTENSION

The contractor has requested fourteen (14) extra calendar days to perform the electrical work (in Change Order #1) and the extra time and material work included in Change Order #2. This is an acceptable amount of time considering the amount of work and what items of work are in the “critical path” of the construction schedule.

NEW PAY ITEM:

T & M 1 RESOLVE CONFLICT AT A STORM SEWER MANHOLE: This is for four hours of labor and equipment time necessary to resolve gas line, existing storm sewer and existing storm sewer structure conflicts. Total cost of this work results in an increase of the contract amount by \$3,660.27

T & M 2 RESOLVE SANITARY SEWER CONFLICT AT 615 S. FINLEY ROAD: This is for three and one half hours of labor and equipment time necessary to trace the location of a sanitary sewer service line. According to Village records the line was thought to be tied into a 21” main sewer line. However, it was found to be connected into an 8” sanitary sewer main located across the street. Total cost of this work results in an increase of the contract amount by \$1,981.86

T & M 3 RESOLVE SANITARY SEWER CONFLICT AT 623 S. FINLEY ROAD: This is for two additional hours of labor and equipment time necessary to resolve a back pitched sanitary sewer service line at 623 S. Finley Road. The existing service line was back pitched due to conflicts with the existing water main and sanitary sewer main. Permission was sought from the owner to go back onto private property and improve the slope on the new service line. Total cost of this work results in an increase of the contract amount by \$2,282.16

T & M 4 RESOLVE SANITARY SEWER CONFLICT AT 623 S. FINLEY ROAD: This is for two hours of labor and equipment time used the next work day to complete the work started under T & M 3. Total cost of this work results in an increase of the contract amount by \$2,398.18

T & M 5 RESOLVE A SANITARY SEWER MANHOLE CONFLICT: This is for four hours additional hours of labor and equipment time necessary to resolve a discrepancy in the plans concerning a proposed pipe elevation that did not meet the existing elevation within the manhole. The Village will be seeking approximately 50% of this billing as a reimbursement from the design engineer for an error in the plans. Some of the time was due to existing site conditions. The contractor had to deal with sand within the excavation. Sand was used as backfill for the existing storm installation. Total cost of this work results in an increase of the contract amount by \$3,839.16

T& M 6 RESOLVE SANITARY SEWER CONFLICT AT 615 S. FINLEY ROAD: This is for nine hours of labor and equipment time necessary to install the new sanitary sewer service line at 615 S. Finley Road. The contractor had to deal with sand within the excavation. Sand was used as backfill for the existing utility installation. Total cost of this work results in an increase of the contract amount by \$6,048.98

T& M 7 RESOLVE A STORM SEWER MANHOLE/STORM SEWER CONFLICT: This is for five hours of labor and equipment time necessary to resolve a field conflict concerning the installation of a storm manhole and an associated sewer line. The area where the new structure was placed was backfilled with sand. This site condition hindered installation of the new structure. A new storm line that was run across the street to pick-up potential parkway and backyard flooding proved to be in conflict with a 21” sanitary sewer and a 12” water main. Total cost of this work results in an increase of the contract amount by \$2,709.29

T& M 8 RESOLVE A STORM SEWER MANHOLE CONFLICT: This is for two hours of labor and equipment time used the next work day to complete the work started under T & M 7. Total cost of this work results in an increase of the contract amount by \$1,114.97

T& M 9 REPAIR A STORM SEWER LINE: This is for four hours of labor and equipment time used to repair a storm sewer line that was damaged by the installation of an AT & T duct. The Village will be seeking reimbursement from AT & T for this work. Total cost of this work results in an increase of the contract amount by \$2,182.94

T& M 10 RESOLVE FIELD CONFLICT FOR SANITARY SEWER LINE This is for four hours of labor, equipment and materials used to repair a section of sanitary sewer main line. Existing records indicated a straight run of pipe, however, when the pipe was uncovered it was discovered that the line was not straight. Total cost of this work results in an increase of the contract amount by \$2,452.78

T& M 11 RESOLVE A FIELD CONFLICT CONCERNING A STORM SEWER STRUCTURE This is for three hours of labor, equipment and materials used to relocate and modify a storm sewer catch basin due to conflicts with AT & T and NiCor. Total cost of this work results in an increase of the contract amount by \$1,598.71

T& M 12 IDENTIFY A BURIED STRUCTURE This is for one and a half hours of down time while Village forces mobilized the vactor and investigated a buried storm sewer structure. This was necessary to see if the buried structure or any pipes connected to the structure needed to be connected to the new storm sewer structure. Total cost of this work results in an increase of the contract amount by \$1,032.64.

T& M 13 SANITARY SEWER SERVICE AT 712 S. FINLEY This is for three hours of labor and equipment to repair a sanitary service that ran thru a storm sewer line. The Village will be seeking a portion of this cost from the design engineer for an error in the plans as the conflict should have been caught while viewing the videos of the storm sewer system. Total cost of this work results in an increase of the contract amount by \$1,825.03

AUP 3 CURB CUT TO MODIFY DRIVEWAY DEPRESSIONS. The resident engineer mistakenly narrowed the driveway apron depressions for a number of approaches. This is the cost to saw cut those opening to the proper opening size. This cost will be deducted from the Resident Engineering contract fee. Total cost of this work results in an increase of the contract amount by \$2,200.00

This change order will be presented to the Public Works Committee on November 13, 2012. 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 November 15, 2012. 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. 2 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 \$35,326.97.

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 15th day of November, 2012, pursuant to a roll call vote as follows:

Ayes: _____

Nays: _____

Absent: _____

Approved by me this _____ day of _____, 2012.

Peter Breen
Acting Village President

ATTEST:

Brigitte O'Brien
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: 2
 CONTRACTOR: "D" Construction Inc. DATE: 10/19/2012
 DESCRIPTION: Extra underground work outside the original scope of the contract.

ORIGINAL CONTRACT AMOUNT:	[1] <u>\$2,083,039.98</u>
TOTAL OF PREVIOUS AUTHORIZED CHANGE ORDERS:	[2] <u>\$154,800.00</u>
CURRENT CONTRACT AMOUNT: ([1]+[2])	[3] <u>\$2,237,839.98</u>
PROPOSED CHANGE ORDER: (PENDING APPROVAL)	[4] <u>\$35,326.97</u>
PROPOSED REVISED CONTRACT AMOUNT: (PENDING APPROVAL) ([3]+[4])	[5] <u>\$2,273,166.95</u>

NET OF ALL CHANGE ORDERS: (PENDING APPROVAL) ([2]+[4])	<u>\$190,126.97</u>
TIME EXTENSION OR REDUCTION:	<u>14 calendar days</u>
TOTAL CONTRACT TIME: (revised)	<u>154 calendar days</u>
BUDGET ESTIMATE:	<u>\$2,280,885.00</u>
ENGINEER'S ESTIMATE:	<u>\$2,065,626.00</u>


RECOMMENDED FOR ACCEPTANCE :

 11-2-12
 Resident Engineer Date


Approved By: _____
 Director of Finance Date

 11-6-12
 Contractor Date

Approved By: _____
 (<\$10K or 25%) Village Manager Date

 11-6-12
 Village Engineer Date

Approved By: _____
 (>\$10K or 25%) Acting Village President Date

 11/6/12
 Director of Public Works Date

Attest: _____
 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
Change Order #: 2

10/19/2012

Coded Pay Item	No.	Item	Current Quantity	Unit	Unit Price	Revised Quantity	Difference	Amount	Description
T&M #1		8/24/2012-Lost time for temporary Pipe installed due to utility conflicts with CB 55	1	EA	\$3,660.27	1	0	\$3,660.27	Resolve gas line, existing storm sewer and existing storm sewer structure conflicts
T&M #2		8/21/2012-Determine location/ connection of the Sanitary Service for 615 Finley Rd	1	EA	\$1,981.86	1	0	\$1,981.86	Trace the location of a sanitary sewer service line
T&M #3		8/20/2012-Extra work (excavation) for rerouting Sanitary Sewer Lines	1	EA	\$2,282.16	1	0	\$2,282.16	resolve a back pitched sanitary sewer service
T&M #4		8/20/2012-Extra work for rerouting Sanitary Sewer Lines	1	EA	\$2,398.18	1	0	\$2,398.18	complete the work started under T&M #3
T&M #5		8/23/2012-Extra time installing San MH #5	1	EA	\$3,839.16	1	0	\$3,839.16	Resolve a discrepancy in the plans
T&M #6		8/22/2012-continue work for 615 Finley Rd	1	EA	\$6,048.98	1	0	\$6,048.98	Install the new sanitary sewer service line
T&M #7		8/24/2012-Modifying Storm Structure	1	EA	\$2,709.29	1	0	\$2,709.29	Field conflict concerning the installation of a storm manhole and an associated sewer line
T & M #8		8/25/2012-Modifying Storm Structure day 2	1	EA	\$1,114.97	1	0	\$1,114.97	Complete work started under T&M #7
T&M #9		8/29/2012-Extra time required for point repairs 14 & 32 due to utility conflicts	1	EA	\$2,182.94	1	0	\$2,182.94	Storm sewer line damaged by AT&T
T&M #10		8/30/2012-Extra time to repair a unknown sanitary line found during point repair work	1	EA	\$2,452.78	1	0	\$2,452.78	Repair a section of sanitary sewer main line
T&M #11		9/4/2012-Modification of CB7A due to unknown utilities	1	EA	\$1,598.71	1	0	\$1,598.71	Relocate and modify a storm sewer catch basin
T&M #12		9/6/2012-Time lost due to unknown utilities holding up work	1	EA	\$1,032.64	1	0	\$1,032.64	Down time during Village investigation of a buried storm sewer structure
T&M #13		9/11/2012- Redirecting sanitary sewer lines found to be in conflict with other utility lines	1	EA	\$1,825.03	1	0	\$1,825.03	Repair a sanitary service that ran thru a storm sewer line.
AUP #3		Curb cutting to modify depressed curbs	100	LF	\$22.00	100	0	\$2,200.00	Mismarked location of driveway depression

TOTAL AMOUNT= \$35,326.97