

**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:** Scott Niehaus, Village Manager

**DATE:** August 7, 2014 (COW) (B of T) **Date:** August 21, 2014

**TITLE:** Finley Road Pavement Rehabilitation – Phase 1  
Change Order No. 5 (Finley & Madison Intersection)

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

**BACKGROUND/POLICY IMPLICATIONS:**

Change Order No. 5 is a net increase to the contract of \$27,000.00. The pay items cover the removal and replacement of the entire pavement within the intersection (with asphalt) that was damaged due to the two blow-ups of the concrete pavement that occurred earlier this summer.

**FISCAL IMPACT/FUNDING SOURCE:**

Current Contract Amount: \$2,236,932.12  
Change Order #/?: \$27,000.00 (Capital Projects Fund) *ST 1101*  
Total Revised Contract Amount: \$2,263,932.12  
PO#: 2014-00000670  
Account: 410.710.725.75420

Review (as necessary):

Village Attorney X \_\_\_\_\_ Date \_\_\_\_\_  
Finance Director X *[Signature]* \_\_\_\_\_ Date *8/12/14*  
Village Manager X *[Signature]* \_\_\_\_\_ Date *8/12/14*

**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: Scott Niehaus, Village Manager  
From: David A. Dratnol, P.E., Village Engineer  
Through: Carl Goldsmith, Public Works Director  
Date: August 7, 2014  
Subject: Finley Road Pavement Rehabilitation – Phase 1  
Change Order # 5 (Madison & Finley)

Attached, please find Change Order # 5 (Madison & Finley) in the amount of a net increase of \$27,000.00. This change order constitutes the necessary pay items to remove and replace the pavement within the Madison Street and Finley Road intersection that was damaged during two incidents of pavement buckling (blow-ups) which occurred earlier this summer. Village crews were dispatched to remove the displaced pavement and place a temporary patch, which is currently still in service.

The pavement that buckled consists of an unbonded concrete overlay over existing asphalt pavement. Five inches of concrete with fiber reinforcement was placed over the existing asphalt pavement. A layer of polypropylene woven fabric was placed between the new concrete and existing asphalt pavement to prevent the new concrete from bonding to the existing pavement. This construction method prevents the underlying distress from reflecting through the new concrete overlay.

Village staff met with Mr. Randall Riley, Executive Director / Engineer with the Illinois Chapter of the American Concrete Pavement Association, to discuss the blow-up and to determine if the problem was a construction or design issue. Mr. Riley, P.E. recommends saw-cutting the full depth of the concrete overlay at approximately every 300 feet to relieve built up stress. The full depth saw-cuts were not required as part of the original construction documents, which appears to be a design deficiency.

Due to the failure being attributed to the design of the improvement, the staff will be discussing the issue with Civiltech Engineering, Inc. to determine the funding of the repairs.

This change order will be presented to the Public Works Committee on August 12, 2014. 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 21, 2014. If approved, please have two signed copies returned to Engineering for further processing.

**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 (Final) to the contract between the Village of Lombard and "D" Construction Inc. regarding the Finley Road Pavement Rehabilitation Phase 1 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 \$27,000.00.

**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.

Adopted this 21st day of August, 2014, pursuant to a roll call vote as follows:

Ayes: \_\_\_\_\_

Nays: \_\_\_\_\_

Absent: \_\_\_\_\_

Approved by me this 21st day of August, 2014.

\_\_\_\_\_  
**Keith Giagnorio**  
**Village President**

ATTEST:

\_\_\_\_\_  
**Sharon Kuderna**  
**Village Clerk**

**FINLEY ROAD PAVEMENT REHABILITATION - PHASE 1 (MADISON/FINLEY INTERSECTION)  
SUMMARY OF QUANTITIES**

8/7/2014

ITEM NO.	PAY ITEM	UNIT	TOTAL	UNIT PRICE	TOTAL COST
1	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	SQ YD	260	\$ 27.50	\$ 7,150.00
2	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	SQ YD	260	\$ 19.80	\$ 5,148.00
3	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	25	\$ 11.00	\$ 275.00
4	PAVEMENT REMOVAL	SQ YD	260	\$ 17.60	\$ 4,576.00
5	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	1	\$ 880.00	\$ 880.00
6	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$ 6,600.00	\$ 6,600.00
7	Sawcutting of White Topping (5" Deep)	LF	630	\$ 3.76	\$ 2,371.00

**TOTAL CONSTRUCTION COST: \$ 27,000.00**

# VILLAGE OF LOMBARD CHANGE ORDER


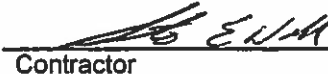

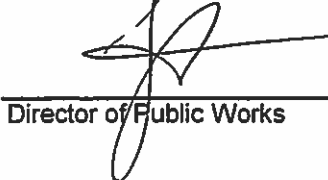
PROJECT NAME: Finley Road Pavement Rehabilitation – Phase 1 PROJECT NO.: ST-12-05  
 LOCATION: Finley Road (Wilson Avenue to Charles Lane) CHANGE ORDER: 5 & FINAL  
 CONTRACTOR: "D" Construction Inc. DATE: 8/7/2014

DESCRIPTION OF CHANGE ORDER: Repair of the Finley & Madison Intersection  
and saw cutting of pavement.

ORIGINAL CONTRACT AMOUNT:	[1] <u>\$1,899,293.29</u>
TOTAL OF PREVIOUS AUTHORIZED CHANGE ORDERS: #1 , #2, #3 & #4	[2] <u>\$337,638.83</u>
CURRENT CONTRACT AMOUNT: ([1]+[2])	[3] <u>\$2,236,932.12</u>
PROPOSED CHANGE ORDER: (PENDING APPROVAL)	[4] <u>\$27,000.00</u>
PROPOSED REVISED CONTRACT AMOUNT: (PENDING APPROVAL) ([3]+[4])	[5] <u>\$2,263,932.12</u>

NET OF ALL CHANGE ORDERS: (PENDING APPROVAL) ([2]+[4]) \$364,638.83  
 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 :**

	<u>08-07-14</u>	Approved By: _____	_____
Resident Engineer	Date	Director of Finance	Date
	<u>8-8-14</u>	Approved By: _____	_____
Contractor	Date	(-<\$10K or 25%) Village Manager	Date
	<u>8/11/14</u>	Approved By: _____	_____
Village Engineer	Date	(>\$10K or 25%) Village President	Date
	<u>8/11/14</u>	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.

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