

**VILLAGE OF LOMBARD  
REQUEST FOR BOARD OF TRUSTEES ACTION**  
For Inclusion on Board Agenda

Resolution or Ordinance (Blue) \_\_\_\_\_  
Waiver of First Requested Recommendations of Boards, Commissions & Committees (Green) \_\_\_\_\_  
Other Business (Pink) \_\_\_\_\_

**TO:** PRESIDENT AND BOARD OF TRUSTEES

**FROM:** William T. Lichter, Village Manager

**DATE:** June 12, 2007 (COW) (B of T) **Date:** June 21, 2007

**TITLE:** Westmore-Meyers Road Underground Utility Project  
Change Order #4

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

**BACKGROUND/POLICY IMPLICATIONS:**

See memo

**FISCAL IMPACT/FUNDING SOURCE:**

\$83,432.45 INCREASE  
Project #: ST-06-03-A  
HTE Project #: 0607 7901.809500  
PO #: 055631  
Water / Sewer Capital Reserve Fund

Review (as necessary):

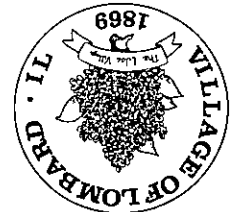
Village Attorney X \_\_\_\_\_  
Finance Director X *James H. Dratmol*  
Village Manager X *M. W. L. L. L. L.*

Date 6/12/07  
Date 6/12/07  
Date 6/12/07

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: William T. Lichter, Village Manager  
 From: David A. Dratmol, P.E., Village Engineer  
 Through: Wesley B. Anderson, Public Works Director  
 Date: June 12, 2007  
 Subject: Westmore-Meyers Road Underground Utility Project  
 Change Order No. 4

Attached please find Change Order No. 4 for this project in the amount of \$83,432.45. The change order represents quantity adjustments to the existing contract items, new contract pay items, and time and materials billings. The items below address the major changes:

**ITEM #1: REVISED DESIGN FOR THE OVERFLOW FOR GATZ POND:**

The design of the separated storm sewer required a change in the design of the overflow from Gatz Pond. The revised design maintains the existing overflow pipe to the combined sewer. A 20" pipe from the new storm sewer to the west parkway and a new catch basin will allow for a future outfall connection. This revision to the construction documents results in a net decrease to the contract of \$758.00

**ITEM #2 AND #11: PAVEMENT PATCHING:**

These items are associated with the undercutting for the poor soils which resulted in additional pavement patching on Westmore-Meyers and additional patching associated with the sewer design error on Wilson Avenue. Staff is continuing to evaluate these items and will address them in a subsequent change order. The costs associated with these items are not included in this change order for approval.

**ITEM #3: FORCE ACCOUNT (TIME AND MATERIAL) BILLINGS:**

This change order includes eleven force account (time and material) billings for work outside of the original scope of the contract. These are based on actual, documented labor, materials and equipment used by the contractor to accomplish the various items. These eleven billings have been reviewed by the resident engineer and staff and agreement has been reached with the contractor. An additional 11 force account billings totaling \$58,000 are in dispute and not agreed to, so are not included here for approval. Descriptions of the individual force account billings are included on the attached pages. The agreed upon force account billings result in an increase to the contract of \$16,763.45.

**ITEM #4: MODIFICATIONS TO SIDEWALK ADJACENT TO NEW FIRE HYDRANTS:**

Several of the newly installed hydrants on the west side were in the sidewalk. The sidewalks were changed to direct pedestrians around the hydrants for safety purposes. This item includes the removal and replacement of associated sidewalk and results in a net increase of \$10,797.00 to the contract.

**ITEM #5, #7 AND #10: WATER SYSTEM RELATED ITEMS:**

A 10" valve and valve vault was added at the intersection of Washington and Westmore-Meyers for operational purposes to minimize the extent of customers without water during shut-downs of the main. An additional 10 feet of water main was replaced at the intersection of Maple and Westmore-Meyers Road in conjunction with the water main adjustment required to install the new storm sewer. Two additional pressure connections were required to complete the work. These items resulted in an increase to the contract of \$8,100.00

ITEM #6: INTERNAL JOINT SEALS ON STORM SEWER ADJOINING AREA OF CONTAMINATED SOILS: Internal joint seals were installed on the new storm sewer adjoining the location of petroleum impacted soils encountered during the installation of the storm sewer north of Division Street. This work was required to prevent the infiltration of contaminants into the storm sewer. This item resulted in an increase to the contract of \$12,675.00

ITEM #8 AND #9: LANDSCAPING RESTORATION AND PAVEMENT MARKINGS:

Additional quantity for landscaping restoration and temporary pavement markings underestimated by the design engineer. These items resulted in an increase to the contract of \$35,855.00

The total quantity changes for each individual pay item starts on the second page of the change order form. A breakout of costs as described above also follows the change order form.

This item will be presented to the Public Works Committee on June 12, 2007.

If recommend by the Committee, please present this change order to the President and Board of Trustees for their review and approval at their regular meeting on June 21, 2007. If approved, please have two signed copies returned to Engineering for further processing.

cc: File: ST-06-03-A  
Attachments:

Change Order (3 Pages)  
Changes Categorized by Items (3 Pages)  
Force Accounts Rejected or in Dispute (1 page)

A RESOLUTION AUTHORIZING A CHANGE ORDER  
INVOLVING AN INCREASE IN THE DOLLAR AMOUNT OF  
THE CONTRACT OF \$10,000 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 days or more; and

**WHEREAS**, staff has presented and recommended the proposed Change Order No. 4 to the contract between the Village of Lombard and John Neri Construction Co., Inc. regarding Westmore-Meyers Road Underground Utility project, as attached hereto as Exhibit "A" and made part hereof, 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 \$83,432.45

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 21 day of June, \_\_\_\_\_, 2007

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

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

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

Approved this 21 day of June, \_\_\_\_\_, 2007

William J. Mueller  
Village President

ATTEST:

Bridgite O'Brien  
Village Clerk

APPROVAL AS TO FORM:

Thomas P. Bayer  
Village Attorney

# VILLAGE OF LOMBARD CHANGE ORDER

PROJECT NAME: Westmore-Meyers Road Underground Utility Project  
 LOCATION: Westmore Meyers Road Between St. Charles Road and Madison  
 CONTRACTOR: John Neri Construction Co., Inc.  
 DATE: 6/6/2007  
 PROJECT NO.: ST-06-03A  
 CHANGE ORDER: 4  
 DESCRIPTION OF CHANGE ORDER: See attachment for explanation of changes

ORIGINAL CONTRACT AMOUNT:	TOTAL OF PREVIOUS AUTHORIZED CHANGE ORDERS:	CURRENT CONTRACT AMOUNT: ([1])+[2]	PROPOSED CHANGE ORDER: (PENDING APPROVAL)	PROPOSED REVISED CONTRACT AMOUNT: ([3])+[4]
[1] \$1,589,281.25	[2] \$597,774.16	[3] \$2,187,055.41	[4] \$83,432.45	[5] \$2,270,487.86

NET OF ALL CHANGE ORDERS: (PENDING APPROVAL) ([2])+[4])

\$681,206.61

TIME EXTENSION OR REDUCTION:

N/A

TOTAL CONTRACT TIME: (PENDING APPROVAL)

N/A

BUDGET ESTIMATE:

\_\_\_\_\_

ENGINEER'S ESTIMATE:

\_\_\_\_\_

**RECOMMENDED FOR ACCEPTANCE:**

Resident Engineer \_\_\_\_\_ Date \_\_\_\_\_  
 Approved By: Director of Finance \_\_\_\_\_ Date \_\_\_\_\_

Contractor \_\_\_\_\_ Date \_\_\_\_\_  
 Approved By: Village Manager \_\_\_\_\_ Date \_\_\_\_\_

Village Engineer \_\_\_\_\_ Date \_\_\_\_\_  
 Approved By: Village President \_\_\_\_\_ Date \_\_\_\_\_

Director of Public Works \_\_\_\_\_ Date \_\_\_\_\_  
 Attest: Village Clerk \_\_\_\_\_ Date \_\_\_\_\_

Accountant \_\_\_\_\_ Date \_\_\_\_\_ Approved By: \_\_\_\_\_  
 President of BOLI \_\_\_\_\_ 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.

**Westmore-Meyers Road Underground Utility Project**

**C.O. # 4**

**6/6/2007**

**Changes Categorized by Items**

NO	ITEM	CURRENT QUAN	UNIT	UNIT PRICE	REVISED QUAN	DIFFERENCE	AMOUNT	DESCRIPTION
Item #1: This item is for the revised design for the overflow from Gatz Pond.								
44201753	CLASS D PATCHES, TYPE IV, 9 INCH	5768.12	SQ YD	\$72.00	5809.12	41.00	\$2,982.00	INCREASED QUANTITY SINCE NEED TO REMOVE NEW PATCH TO REMOVE 16-INCH RCP STUBBED OUT
54247100	GRATING FOR CONCRETE FLARED END SECTIONS 15"	1.00	EACH	\$350.00	0.00	(1.00)	(\$350.00)	ELIMINATED QUANTITY SINCE NOT REQUIRED IN REVISED DESIGN
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1, 12"	1175.00	FOOT	\$40.00	1142.00	(33.00)	(\$1,320.00)	REDUCED QUANTITY SINCE NOT REQUIRED IN REVISED DESIGN
55019600	STORM SEWER, TYPE 1, REINFORCED CONCRETE CULVERT PIPE, CLASS 4, 15"	240.00	FOOT	\$36.00	0.00	(240.00)	(\$8,640.00)	ELIMINATED QUANTITY SINCE NOT REQUIRED IN REVISED DESIGN
60208905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	1.00	EACH	\$1,100.00	0.00	(1.00)	(\$1,100.00)	ELIMINATED QUANTITY SINCE NOT REQUIRED IN REVISED DESIGN
	STORM SEWER, DUCTILE IRON PIPE, 20"	0.00	FOOT	\$125.00	44.00	44.00	\$5,500.00	ADDED ITEM BASED ON REVISED DESIGN. PRICING FROM CONTRACTOR ATTACHED.
	RESTRICTED DEPTH CATCH BASIN, 4' DIAMETER, FRAME AND OPEN LID.	0.00	EACH	\$2,200.00	1.00	1.00	\$2,200.00	ADDED ITEM BASED ON REVISED DESIGN. PRICING FROM CONTRACTOR ATTACHED.
							Summary Price =	(\$758.00)

Item #2: Pavement patching on Westmore Meyers Road. The existing pavement located beneath Westmore Meyers Road is composed of asphalt over concrete. The Village decided to extend patching to joints of the concrete pavement when in close proximity to the trench edge, to remove small pieces of pavement located between service and inlet laterals, and to remove islands of pavement not connected to the west side of Westmore Meyers Road or to the curbline. In addition, the subgrade located beneath the existing pavement was determined to be unsuitable due to its low strength characteristics, and required removal in certain locations. Therefore, this item includes the additional work required to complete the patching as modified from the original plans.

44201759	CLASS D PATCHES, TYPE IV, 9 INCH	5768.12	SQ YD	\$72.00	10984.12	5216.00	\$375,552.00	INCREASED QUANTITY TO PERFORM PAVEMENT PATCHING OF INCREASED AREA AS REQUESTED
80255500	EXISTING MANHOLES TO BE ADJUSTED	0.00	EACH	\$350.00	4.00	4.00	\$1,400.00	ADDED ITEM DUE TO TWO (2) EXISTING BURIED FRAMES AND LIDS, AND TWO (2) FRAMES AND LIDS THAT WERE MOVED DURING WORK. PRICING FROM CONTRACTOR ATTACHED.
	UNDERCUT UNSUITABLE MATERIALS & DISPOSE (FROM 6" TO 24" DEEP)	0.00	CU YD.	\$61.00	1017.00	1017.00	\$62,037.00	ADDED ITEM DUE TO POOR SOILS BENEATH EXISTING PAVEMENT. PRICING FROM CONTRACTOR ATTACHED.
	PGE 3" MINUS (RECYCLED CONCRETE)	0.00	CU YD.	\$26.50	1017.00	1017.00	\$26,950.50	ADDED QUANTITY FOR LOCATIONS WHERE EXCAVATED UNSUITABLE SOIL. PRICING FROM CONTRACTOR ATTACHED.
	CA-6 SUB-BASE (PAID IN THEORETICAL QUANTITIES)	0.00	CU YD.	\$61.00	1220.50	1220.50	\$74,450.50	ADDED QUANTITY TO PROVIDE SURFACE FOR ASPHALT. PRICING FROM CONTRACTOR ATTACHED.
	GEOTEXTILE FABRIC (TO BE LAID ACROSS ENTIRE EXCAVATION)	0.00	SQ. YD.	\$2.60	3350.00	3350.00	\$8,710.00	ADDED QUANTITY FOR LOCATIONS WHERE EXCAVATED UNSUITABLE SOIL. PRICING FROM CONTRACTOR ATTACHED.
	TEMPORARY STONE (RECYCLED CONCRETE)	0.00	TON	\$26.00	111.00	111.00	\$2,886.00	ADDED QUANTITY TO PROVIDE RESIDENTS ACCESS TO THEIR DRIVENWAYS. PRICING FROM CONTRACTOR ATTACHED.
	MANHOLES TO BE RE-ADJUSTED	0.00	EACH	\$350.00	28.00	28.00	\$9,800.00	ADDED ITEM BECAUSE CONTRACTOR HAD TO RE-ADJUST FRAMES AND LIDS DUE TO WIDER THAN PLANNED PAVEMENT PATCH. PRICING FROM CONTRACTOR ATTACHED.
							Summary Price =	\$561,786.00

Item #3: Force account items. Various.

FA007		0.00	L.S	\$4,946.51	1.00	1.00	\$4,946.51	LABOR AND EQUIPMENT UTILIZED TO READJUST 10-INCH WATER MAIN AT THE INTERSECTION OF WESTMORE MEYERS ROAD AND MAPLE AVENUE.
FA012		0.00	L.S	\$1,086.73	1.00	1.00	\$1,086.73	REMOVED STANDARD FLAT TOP AND INSTALLED A SPECIAL FLAT TOP DUE TO GRADE CHANGE IN DESIGN.
FA013		0.00	L.S	\$1,298.71	1.00	1.00	\$1,298.71	REMOVED STANDARD FLAT TOP AND INSTALLED A SPECIAL FLAT TOP DUE TO GRADE CHANGE IN DESIGN AT STATION 113+41. EXCAVATED TO TOP OF FLAT TOP AT STA. 117+24 FOR R.E. AS DIRECTED.
FA014		0.00	L.S	\$1,593.86	1.00	1.00	\$1,593.86	REMOVE AND LOWER FLAT TOP AT 135 WESTMORE.
FA015		0.00	L.S	\$2,305.21	1.00	1.00	\$2,305.21	MODIFIED MANHOLE TO RAISE INVERT OF 42" (cp 16-INCHES AT STA. 103+50) (SOUTHEAST CORNER OF MAPLE AND WESTMORE MEYERS)

FA016	0.00	L S	\$492.41	1.00	1.00	\$492.41	MODIFY OPENINGS FOR LATERAL CONNECTIONS FOR THREE (3) STRUCTURES DUE TO PROJECT GRADE CHANGE.
FA017	0.00	L S	\$337.24	1.00	1.00	\$337.24	MODIFY OPENINGS FOR LATERAL CONNECTIONS FOR TWO (2) STRUCTURES DUE TO PROJECT GRADE CHANGE.
FA018	0.00	L S	\$492.41	1.00	1.00	\$492.41	MODIFY OPENINGS FOR LATERAL CONNECTIONS FOR THREE STRUCTURES DUE TO PROJECT GRADE CHANGE.
FA019	0.00	L S	\$492.41	1.00	1.00	\$492.41	MODIFY OPENINGS FOR LATERAL CONNECTIONS FOR THREE (3) STRUCTURES DUE TO PROJECT GRADE CHANGE.
FA021	0.00	L S	\$1,198.93	1.00	1.00	\$1,198.93	LOSS OF PRODUCTION DUE TO ERROR IN LAYING 15" RCP TO GAZZ POND.
FA022	0.00	L S	\$2,539.03	1.00	1.00	\$2,539.03	TEMPORARY CONNECTION OF FORCE MAIN FROM DETENTION BASIN LOCATED EAST OF WESTMORE MEYERS ROAD ON KENILWORTH.
Summary Price =							\$16,753.45

Item #4: Village requested that sidewalk located on the West side of Westmore Meyers Road be removed and replaced where new fire hydrants are extending into walkway. The new sidewalk is to veer around the new fire hydrants.

21101615	TOPSOIL FURNISH AND PLACE, 4"	808.00	SO. YD.	\$8.00	975.00	167.00	\$1,336.00	INCREASED QUANTITY BASED ON VILLAGE REQUEST
25200700	SODDING, SPECIAL	907.00	SO. YD.	\$8.00	1074.00	167.00	\$1,336.00	INCREASED QUANTITY BASED ON VILLAGE REQUEST
42400500	PCC SIDEWALK, SPECIAL	9465.00	SO. FT	\$4.50	10715.00	1250.00	\$5,625.00	INCREASED QUANTITY BASED ON VILLAGE REQUEST
44000600	SIDEWALK REMOVAL	7459.00	SO. FT	\$2.00	8709.00	1250.00	\$2,500.00	INCREASED QUANTITY BASED ON VILLAGE REQUEST
Summary Price =							\$10,797.00	

Item #5: Village requested 10-inch water valve and water valve vault immediately south of the intersection of Washington and Westmore Meyers Road.

56105100	WATER VALVES, 10"	6.00	EACH	\$1,600.00	7.00	1.00	\$1,600.00	INCREASED QUANTITY DUE TO VILLAGE UNDERGROUND REQUEST FOR ADDITIONAL VALVE
60248900	VALVE VAULTS, TYPE A, 5' DIAMETER, TYPE 1 FRAME CLOSED LID	10.00	EACH	\$1,600.00	11.00	1.00	\$1,600.00	INCREASED QUANTITY DUE TO VILLAGE UNDERGROUND REQUEST FOR ADDITIONAL VALVE
Summary Price =							\$3,200.00	

Item #6: Village requested the installation of internal joint seals where the new storm sewer is located adjacent to soil where gasoline odors were observed immediately north of Division Street on Westmore Meyers.

	INTERNAL JOINT SEAL, 10.5" WIDE	0.00	EACH	\$975.00	13.00	13.00	\$12,675.00	ADDED ITEM BASED ON VILLAGE REQUEST TO SEAL INTERNAL JOINTS OF NEW STORM SEWER. PRICING FROM CONTRACTOR ATTACHED.
Summary Price =							\$12,675.00	

Item #7: Additional quantity

56106400	ADJUSTING WATER MAIN B"	35.00	FOOT	\$90.00	45.00	10.00	\$900.00	INCREASED QUANTITY REQUIRED TO COMPLETE THE WORK AT THE INTERSECTION OF MAPLE AND WESTMORE MEYERS
Summary Price =							\$900.00	

Item #8: Additional quantity of sodding and topsoil required. Additional quantity of sod substantially increased to meet Village request for a one (1) foot width of sod around all excavated areas, and the grassy area in the parkway between Westmore Meyers and the sidewalk disturbed during the work either by snow plowing activities or work in the project area.

21101615	TOPSOIL FURNISH AND PLACE, 4"	808.00	SO YD	\$8.00	2076.00	1268.00	\$10,144.00	INCREASED QUANTITY REQUIRED TO MEET VILLAGE REQUEST FOR ONE STRIP OF SOD OUTSIDE OF WORK AREA, AND FOR PARKWAY.
25200700	SODDING, SPECIAL	907.00	SO YD	\$8.00	2076.00	1169.00	\$9,352.00	INCREASED QUANTITY REQUIRED TO MEET VILLAGE REQUEST FOR ONE STRIP OF SOD OUTSIDE OF WORK AREA, AND FOR PARKWAY.
Summary Price =							\$19,496.00	

Item #9: Additional quantity for temporary pavement marking required in two (2) phases. Phase 1 is to install temporary markings to separate the temporary northbound and southbound lanes when traffic is shifted to the East side of Westmore Meyers Road. Phase 2 will be performed following the completion of all work on Westmore Meyers Road when the traffic barricades are removed entirely. Temporary lane dividers separating the two (2) northbound and two (2) southbound lanes are not included in the estimated quantity shown.

70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	9468.00	FOOT	\$0.75	28398.00	18932.00	\$14,199.00	INCREASED QUANTITY DUE TO SWITCHING TRAFFIC FROM THE WEST TO EAST SIDE, AND THEN FOR THE RE-OPENING OF WESTMORE MEYERS ROAD
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	72.00	FOOT	\$10.00	288.00	216.00	\$2,160.00	INCREASED QUANTITY DUE TO SWITCHING TRAFFIC FROM THE WEST TO EAST SIDE, AND THEN FOR THE RE-OPENING OF WESTMORE MEYERS ROAD
Summary Price =							\$16,359.00	

Item #10: Eight non-pressure connections were shown on the plans, but ten (10) were required.

LOM56103	CONNECTION TO EXISTING WATER MAINS (NON PRESSURE)	8.00	EACH	\$2,000.00	10.00	2.00	\$4,000.00	INCREASED QUANTITY REQUIRED TO CONNECT TO FIRE HYDRANTS BETWEEN MADISON AND ST. CHARLES ROAD.
Summary Price =							\$4,000.00	



Item # 11: Pavement patching at the southwest corner of Wilson Avenue and Westmore Meyers Road. Prior to the performing the horizontal directional drill of the discharge sewer for bypass pumping, exploratory trenches were dug to determine the depth of the water main at this intersection. Additionally, following completion of the work, a water main break was identified at this location which had to be repaired. The following indicates pavement patching prices for both items.

Item #	Description	Quantity	Unit	Price	Total	Notes
44201758	CLASS D PATCHES, TYPE IV, 9 INCH	5768.12	SQ YD	\$72.00	\$5843.12	INCREASED QUANTITY DUE TO WORK PERFORMED AT THIS INTERSECTION
	TEMPORARY PAVEMENT PATCHING, 4"	822.00	SQ YD	\$32.00	\$890.00	INCREASED QUANTITY DUE TO WORK PERFORMED AT THIS INTERSECTION
				Summary Price =	\$7,576.00	

Grand Total= \$692,794.45  
**Change Order #4 Total: \$83,432.45 Excluding Items 2 and 11**