

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: January 6, 2015 (COW) (B of T) **Date:** January 22, 2015

TITLE: Lombard Meadows – Phase 1
Change Order No. 3 (Final)

SUBMITTED BY: David P. Gorman, P.E., Assistant Director of Public Works *DPG*

BACKGROUND/POLICY IMPLICATIONS:

Change Order No. 3 is a net decrease of \$356,079.57. The change order is for final contract quantity adjustments, and seven (7) new pay items.

FISCAL IMPACT/FUNDING SOURCE:

Project #: ST 13 03
Current Contract Amount: \$2,032,733.70
Change Order #3: (\$356,079.57)
Total Revised Contract Amount: \$1,676,654.13
PO #: 2014-00000910
Accounts: Water/Sewer Capital Reserve Fund (\$146,758.89)
 Construction Fund (\$209,320.68)

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: Scott Niehaus, Village Manager
 From: David Gorman, P.E., Assistant Director Public Works Director *DEW*
 Through: Carl Goldsmith, Public Works Director *CG*
 Date: January 06, 2015
 Subject: Lombard Meadows - Phase 1
 Change Order No. 3 (Final)

Attached please find Change Order No. 3 (Final) for this project in the amount of a net decrease of (\$356,079.57). The change order represents agreed to final contract quantities for existing pay items and adds two (2) Authorized Unit Price (AUP) items, one (1) material billing and four (4) Time and Material billings for extra work related to unanticipated field conditions. The first two change orders were under \$10,000.00, both individually and by aggregate amount (CO#1 = \$4,594.00 & CO#2 = (\$6,062.50)). Both change orders went to the Village Manager for signature.

ADJUSTMENT TO EXISTING QUANTITIES

Refer to the summary sheets behind the change order form for all changes to contract pay items. Many reductions to the contract pay items are principally related to two items. The first is the elimination of storm sewer, a sanitary manhole sewer and roadway work in the Lilac Way and Chase Lane intersection. This work was shifted to Phase 2. In the 2015 project, the roadway width of Lilac Way will be narrowed. The Lombard Meadows – Phase 1 plans did not reflect this modification to the roadway. Secondly, contingency pay items related to anticipated poor soil conditions (*based on the soil borings and report from the geotechnical engineer*) were not necessary.

NEW PAY ITEMS

TIME AND MATERIAL BILLING #1 FLAT TOP AND FRAME FOR INSERTION VALVE ON MADISON STREET: A field redesign was necessary after exposing the section of water main that the insertion valve was to be installed. During the design process the valves to the east and west of the insertion point were measured and the water main was found to be of proper depth. After exposing the water main at the valve insertion point it was found to be shallower than at the valve vaults. This necessitated a) a special “flat top” b) a special frame with lid and c) a brick and cement adjustment to the structure. *Billing = \$4,082.86*

TIME AND MATERIAL #2 RE-INSTALL NEW FLAT-TOP ON SANITARY MANHOLE: A field redesign was necessary to re-adjust the structure to grade. The cone section was replaced with a flat-top section. *Billing = \$564.96*

TIME AND MATERIAL #3 SANITARY SEWER SERVICE AT 801 CHASE LANE: A new house sanitary sewer service needed to be lowered to eliminate a conflict with a proposed storm sewer. *Billing = \$2,947.16*

TIME AND MATERIAL #4 RELOCATION OF FIRE HYDRANT: The Underground Utility and Street Divisions requested that the new fire hydrant located at the end of the cul-de-sac (by 6 Chase Court) be moved further away from the back of the new curb line. This was to maximize the distance between the hydrant and the curb. This will minimize the possibility of the hydrant being hit by a snow plow during a major snowfall event. *Billing = \$2,207.29*

TIME AND MATERIAL #5 PROJECT SUSPENSION AT TASTE OF LOMBARD: The contract documents suspended the job beginning at 3:00 PM on July 3rd. In order to avoid any construction issues related that could affect the Taste of Lombard festival, the job was shut down at 11:00 AM on Friday, June 27th to Monday, July 7th. The billing is for a ½ day cost of labor. *Billing = \$2,149.05*

TIME AND MATERIAL #6 ADJUST FIRE HYDRANT VALVE BOX: During the reworking of the underground utility configuration at the intersection of Chase Lane and Lilac Way, a buried auxiliary valve box to an existing fire hydrant was found and exposed. The upper half of the valve box was replaced. *Billing = \$457.85*

TIME AND MATERIAL BILLING #7 MANHOLE AT CHASE LANE AND LILAC WAY: During the installation of a new storm sewer manhole at the intersection Chase Lane and Lilac Way a live electrical line for street lighting was encountered. The actual location of the line was not per the utility atlas or the JULIE field location. The contractor's underground crew had to wait until the electrical sub-contractor was able to mobilize and temporarily relocate the line. The billing is for the downtime that the general contractor incurred and the time and material billing from the electrical subcontractor. *Billing = \$3,125.01*

MATERIAL BILLING #1 FIRE HYDRANT: The proposed underground utility work at the intersection of Lilac Way and Chase Lane was significantly reduced and primarily shifted to Phase 2. The reason for the shift is the reduction to the roadway width on Lilac Way which is being reconstructed in 2015. One fire hydrant was eliminated during this major field change. Instead of paying a restocking fee for the hydrant, the decision was made to purchase the hydrant from the contractor and place it in current Village inventory. *Billing = \$3,455.75.*

AUP #1 INLET TYPE A WITH TYPE 3 FRAME AND GRATE: Existing utility lines dictated that a proposed catch basin could not be installed without time consuming and costly utility relocation. An inlet was substituted for the catch basin. This is a new pay item. *Pay Item Cost = \$1,400.00*

AUP 2 & AUP #3 SEEDING CLASS 2A & EROSION CONTROL BLANKET: Seed and blanket were used in lieu of sod for an area along Bradley Lane (*water main replacement within an easement granted by the Park District*) and in Madison Meadows Park just north of the dead end of Chase Lane. Refer to the pay item reduction for sod. The equivalent square yardage of sod verses seed and blanket resulted in a net savings of \$1,000.00. *Pay Item Cost = \$1,974.00 (\$624.00 = \$1,350.00)*

This change order will be presented to the Public Works Committee on January 13, 2015. 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 January 22, 2015. If approved, please have two signed copies returned to Engineering for further processing.

DG/rgs

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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. 3 (Final) to the contract between the Village of Lombard and Cerniglia Company regarding the Lombard meadows – 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 decrease the dollar amount of the contract by \$356,079.57.

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 22nd day of January, 2015, pursuant to a roll call vote as follows:

Ayes: _____

Nays: _____

Absent: _____

Approved by me this 22nd day of January, 2015.

Keith Giagnorio
Village President

ATTEST:

Sharon Kuderna
Village Clerk

VILLAGE OF LOMBARD CHANGE ORDER

PROJECT NAME: Lombard Meadows Phase 1 PROJECT NO.: ST-13-03
 LOCATION: Chase Lane (Lilac Way to Bradley) & Chase Court CHANGE ORDER: 3 (Final)
 CONTRACTOR: Cerniglia Company, Inc. DATE: 12/19/2014

DESCRIPTION OF CHANGE ORDER: Final contract quantity adjustments and Time and Material billings.

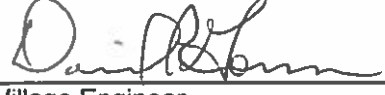
ORIGINAL CONTRACT AMOUNT:	[1] <u>\$2,034,202.20</u>
TOTAL OF PREVIOUS AUTHORIZED CHANGE ORDERS:	[2] <u>(\$1,468.50)</u>
CURRENT CONTRACT AMOUNT: ((1)+[2])	[3] <u>\$2,032,733.70</u>
PROPOSED CHANGE ORDER: (PENDING APPROVAL)	[4] <u>(\$356,079.57)</u>
PROPOSED REVISED CONTRACT AMOUNT: (PENDING APPROVAL) ((3)+[4])	[5] <u>\$1,676,654.13</u>

NET OF ALL CHANGE ORDERS: (PENDING APPROVAL) ((2)+[4])	<u>(\$357,548.07)</u>
TIME EXTENSION OR REDUCTION: (calendar days)	<u>11 calender days</u>
TOTAL CONTRACT TIME: (145 cdays +10 cdays)	<u>155 calendar days</u>
BUDGET ESTIMATE:	<u>\$0.00</u>
ENGINEER'S ESTIMATE:	<u>\$2,320,261.50</u>

RECOMMENDED FOR ACCEPTANCE :

	<u>01-05-15</u>		
Resident Engineer	Date	Approved By:	Date
		Director of Finance	

	<u>1-4-15</u>		
Contractor	Date	Approved By:	Date
		(<\$10K or 25%) Acting Village Manager	

	<u>1-6-15</u>		
Village Engineer	Date	Approved By:	Date
		(>\$10K or 25%) Village President	

	<u>1-6-15</u>		
Director of Public Works	Date	Attest:	Date
		Deputy Village Clerk	

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.

Item no.	Item	Original Quantity	Unit	Final quantity	Add or Deduct	Change Order 1	Change Order 2	Change Order 3	Unit Price	Additions	Deductions	Description
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	70.0	UNIT	51.00	(19.00)	(19.00)			\$42.00			Quantity agreed to in previous Change Order
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	350.0	UNIT	554.00	204.00	204.00			\$88.00			Quantity agreed to in previous Change Order
20101000	TEMPORARY FENCE	2520.0	FOOT	1374.00	(1146.00)				\$3.00			Reduced due to extra tree removal
20101200	TREE ROOT PRUNING	59.0	EACH	14.00	(45.00)				\$70.00			Reduced due to extra tree removal
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	19.0	EACH	0.00	(19.00)				\$153.00			Reduced due to extra tree removal
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	40.0	EACH	8.00	(32.00)				\$260.00			Reduced due to extra tree removal
20200100	EARTH EXCAVATION	1665.0	CU YD	1665.00	0.00				\$33.60			Plan Quantity
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	150.0	CU YD	0.00	(150.00)				\$33.60			Contingency item - Better than anticipated soil conditions
20400800	FURNISHED EXCAVATION	177.0	CU YD	0.00	(177.00)				\$13.00			Contingency item - Better than anticipated soil conditions
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	510.0	SQ YD	0.00	(510.00)				\$2.50			Contingency item - Better than anticipated soil conditions
21101615	TOPSOIL FURNISH AND PLACE, 4"	4606.0	SO YD	4510.90	(95.10)				\$3.50			Final field measured quantity
25200200	SUPPLEMENTAL WATERING	92.0	UNIT	0.00	(92.00)				\$25.00			Contingency item - favorable weather during establishment of sod
280000250	TEMPORARY EROSION CONTROL SEEDING	95.0	POUNDS	0.00	(95.00)				\$10.00			Contingency item not needed
280000400	PERIMETER EROSION BARRIER	409.0	FOOT	0.00	(409.00)				\$3.00			Contingency item not needed
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	6079.0	SQ YD	5523.20	(555.80)				\$5.80			Final field measured quantity
35501302	HOT-MIX ASPHALT BASE COURSE 4 1/2"	5095.0	SQ YD	4702.40	(393.60)				\$18.20			Final field measured quantity
40201000	AGGREGATE FOR TEMPORARY ACCESS	2139.0	TON	1193.20	(945.80)				\$13.00			Final field measured quantity
40600100	BITUMINOUS MATERIALS (PRIME COAT)	3567.0	GALLON	350.00	(3217.00)				\$0.20			Final field measured quantity
40600300	AGGREGATE (PRIME COAT)	713.0	TON	2.00	(8.00)				\$10.00			Final field measured quantity
40603080	HOT-MIX ASPHALT BINDER COURSE, 1L-19.0 N50	10.0	TON	689.40	(23.60)				\$68.50			Final field measured quantity
40503335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	571.0	TON	547.70	(23.30)				\$74.00			Final field measured quantity
42001300	PROTECTIVE COAT	2881.0	SQ YD	0.00	(2881.00)				\$1.00			Contingency item, the concrete placed during a period were item was not needed
44000100	PAVEMENT REMOVAL	5214.0	SQ YD	4702.40	(511.60)				\$13.00			Final field measured quantity
44000200	DRIVEWAY PAVEMENT REMOVAL	624.0	SQYD	736.30	112.30				\$10.50	\$1,179.15		Additional driveway removal was necessary
44000500	COMBINATION CURB AND GUTTER REMOVAL	3061.0	FOOT	2943.50	(117.50)				\$4.90			Related to elimination for work at the
550A0050	SIDEWALK REMOVAL	14318.0	SO FT	14388.00	70.00				\$0.90	\$63.00		Intersection of Lilac Way and Chase Lane
550A0070	STORM SEWERS, CLASS A, TYPE 1 12"	25.0	FOOT	5.00	(20.00)				\$40.00			Related to elimination for work at the
550A0075	STORM SEWERS, CLASS A, TYPE 1 15"	155.0	FOOT	157.00	2.00				\$45.00	\$90.00		Intersection of Lilac Way and Chase Lane
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	146.0	FOOT	105.50	(40.50)				\$48.00			Related to elimination for work at the
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	127.0	FOOT	126.50	(0.50)				\$52.00			Intersection of Lilac Way and Chase Lane
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	110.0	FOOT	110.00	0.00				\$65.00			Plan Quantity
550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	261.0	FOOT	252.50	(8.50)				\$127.50			Final field measured quantity
550A0750	STORM SEWERS, CLASS A, TYPE 3 36"	25.0	FOOT	0.00	(25.00)				\$150.00			Related to elimination for work at the
55100200	STORM SEWER REMOVAL 6"	31.0	FOOT	31.00	0.00				\$10.00			Intersection of Lilac Way and Chase Lane
55100300	STORM SEWER REMOVAL 8"	169.0	FOOT	41.00	(127.00)				\$10.00			Plan Quantity
55100700	STORM SEWER REMOVAL 15"	393.0	FOOT	393.00	0.00				\$15.00			Intersection of Lilac Way and Chase Lane
55101600	STORM SEWER REMOVAL 36"	30.0	FOOT	0.00	(30.00)				\$70.00			Plan Quantity
56103000	DUCTILE IRON WATER MAIN 6"	199.0	FOOT	101.00	(98.00)				\$50.00			Related to elimination for work at the
56103100	DUCTILE IRON WATER MAIN 8"	1846.0	FOOT	2128.50	282.50	314.00			\$60.00			Intersection of Lilac Way and Chase Lane
56105000	WATER VALVES 8"	10.0	EACH	11.00	1.00				\$2,200.00	\$2,200.00		Final field measured quantity
56200300	WATER SERVICE LINE 1"	1265.0	FOOT	1236.50	(28.50)				\$15.00			Final field measured quantity
56200700	WATER SERVICE LINE 2"	10.0	FOOT	2.00	(8.00)				\$50.00			Quantity agreed to in previous Change Order

