

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, AICP, Village Manager

DATE: October 6, 2010 (COW) (B of T) **Date:** October 21, 2010

TITLE: North Industrial Park Pavement Rehabilitation
Change Order #2

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

BACKGROUND/POLICY IMPLICATIONS:

Adjustments to quantities of work within the contract and the addition of new pay items resulting from necessary field modifications and/or changes.

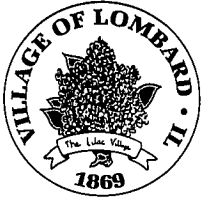
FISCAL IMPACT/FUNDING SOURCE:

\$34,206.50 INCREASE
Project #: ST-09-06
SPS/HTE Project #: 1002
P.O. #: 065989

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 *llal*
 Through: Carl Goldsmith, Public Works Director *g*
 Date: October 6, 2010
 Subject: North Industrial Park Pavement Rehabilitation
 Change Order No. 2

Attached please find Change Order No. 2 for this project in the amount of a net increase of \$34,206.50. Change Order No.1 was sent to the Village Manager's Office as it was under the \$10,000 threshold for Board action. Change Order No. 1 addressed three items 1) a drainage issue in the cul-de-sac on the north end of Ridge Avenue, 2) an adjustment to current pay items and the addition of three new pay items for work done on Lombard Road and Ridge Avenue and 3) a three week time extension due to the strike by the Laborer's and Operating Engineers in early July. Change Order No. 2 addresses modifications to existing contract items and the addition of three new pay items.

EXISTING PAY ITEMS:

Pay items 29 through 77 are the existing pay items per the original contract. The individual pay items need to be revised to reflect field changes.

The first field change was generated by a property owner. Parkway Development Company owns multiple properties on Dupage Avenue. The owner of Parkway Development Company wished to have the entire driveway apron replaced within the right-of-way instead of the one panel replacement the Village was doing as part of the roadway rehabilitation project. The property owner paid the Village for the driveway work in the amount of \$14,368.50 (\$11,160.00 + \$3,208.50). Pay items 29 and 36 address this item.

The second field change is related to the pavement on Lombard Road. When constructing the east side of Lombard Road, there was some delaminating of the remaining surface layer of asphalt from the binder course. The delaminating of the surface from the binder course left a smooth surface. For the white topping process to be effective, it needs a rough surface to bond with. To rectify the situation, the asphalt will be ground an additional ½" (total of 1 inch) to assure a rough bonding surface for the concrete overlay. Pay items 33 (quantity deducted, as 1 inch grind will be done instead of ½ inch grind), 77 (additional ½ inch of concrete over the length and width of the west side of Lombard Road) and AUP 5 (new price for 1 inch grind on Lombard Road) address this item. Total cost for the work is \$7,250.00

The quantities for Item 41 (**Portland Cement Concrete Shoulders 9"**) were increased in the field as the ribbon curb would be a preferred alternative to the barrier curb as identified in the plans. Total cost equals \$8,448.00. At this time the corresponding amount of barrier curb quantities was not off set with this change order. The barrier curb quantity will be reconciled after all curb work within the project is complete.

Pay item 66 (**Preformed Plastic Pavement Marking, Type B – Letters and Symbols**) was eliminated. This quantity was included in the plans because the Village did not receive a definitive answer concerning the removal of the railroad tracks on East Cortland Avenue during the preparation of the construction documents. In early September, Canadian National Railroad responded to the Village inquiry. On September 29th, a contractor for the railroad removed the tracks. Cost savings equals \$3,690.00.

NEW PAY ITEMS:

Pay items AUP 3, AUP 4 and AUP 5 are new pay items.

1. **DETECTABLE WARNING PANELS (AUP 3):** This item was added to the contract to address a trip hazard that was not accounted for on the bid documents. Contrasting color truncated dome plates are required at depressed curb crossings. The new price is \$30.00 per square foot.
2. **PROVIDE COLD PATCH FOR TEMPORARY DRIVEWAYS (AUP 4).** A critical item during the whitetopping process is to protect the edge of the new pavement from getting damaged from traffic. Once the concrete cures the contractor is providing an asphalt cold patch ramp instead of a temporary gravel ramp. The asphalt ramps stay in place and have minimized the access concerns for the businesses within the North Industrial Park. Gravel ramps are still being used in the same locations, therefore, the corresponding quantities of temporary stone will not be finalized until the project is substantially complete. Cost of each ramp is \$210.00
3. **PAVEMENT REMOVAL 1 INCH (AUP 5):** This is associated with the work on the west side of Lombard Road. Refer to paragraph three under existing pay items.

Prior to the Board meeting, the proposed Change Order will be presented to the Public Works Committee on October 12th. If recommended 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 October 21st. If approved, please have two (2) signed copies returned to Public Works-Engineering for further processing.

cc: File: ST-09-06



1100 BRANDT DRIVE • HOFFMAN, ILLINOIS 60142

ROAD BUILDING
SITE DEVELOPMENT

PHONE (847) 695-9300
Estimating FAX (847) 695-9317
Administration FAX (847) 695-7251

October 6, 2010

Baxter Woodman Consulting Engineers
24402 West Lockport Street
Plainfield, IL 60544

Attn: Ed Mijares

RE: N. Industrial Parl
Plote Project: 100310
Detectable Warning Quote

Dear Mr. Mijares,

Plote Construction submits the following revised unit price for installing detectable warnings in any areas of sidewalk that require them.

Item	UM	Price
Detectable Warnings	SF	\$30.00

Please review and let me know if this price is acceptable.

Sincerely,
Plote Construction Inc.

Paul Munda
Project Engineer



ROADS AND
 SITE DEVELOPMENT
 PHONE 847 695-9500
 FACSIMILE 847 695-9334
 ACHIEVEMENT FAY 847 695-1200

September 13, 2010

Baxter Woodman Consulting Engineers
 24402 West Lockport Street
 Plainfield, IL 60544

Attn: Ed Mijares

RE: N. Industrial Parl
 Plote Project: 100310
Cold Patch For Ramps

Dear Mr. Mijares,

Plote Construction submits the following proposed unit price for installing the temporary access areas with cold patch in lieu of stone:

Item	UM	Price
Temp Driveways -Cold Patch	EA	\$210.00

This price includes installation, maintaining, and removing the various temporary ramps needed for the local businesses to get on and off of the 4" PCC overlay pavement to access their drives.

We feel the use of the cold patch material will hold up to all of the traffic and possible rain better than just using stone.

Please let me know if this is acceptable.

Sincerely,
 Plote Construction Inc.

Paul Munda
 Project Engineer



1100 BRANDT DRIVE • HOFFMAN ESTATES, ILLINOIS 60132

ROAD BUILDING
SITE DEVELOPMENT

PHONE (847) 695-9000
Estimating FAX (847) 695-9017
Administration FAX (847) 695-7271

October 6th, 2010

Baxter Woodman Consulting Engineers
24402 West Lockport Street
Plainfield, IL 60544

Attn: Ed Mijares

RE: N. Industrial Parl
Plote Project: 100310
1" HMA Mill Price

Dear Mr. Mijares,

Plote Construction submits the following revised unit price for milling 1" on Lombard Ave,
roughly 2000 SY:

Item	UM	Price
1" HMA Milling	SY	\$2.10

Please review and let me know if this price is acceptable.

Sincerely,
Plote Construction Inc.

Paul Munda
Project Engineer

R E S O L U T I O N
R _____ 11

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. 2 to the contract between the Village of Lombard and Plote Construction Inc. regarding North Industrial Park Pavement Rehabilitation 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 \$34,206.50

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 _____ day of _____, 2010.

Ayes: _____

Nays: _____

Absent: _____

Approved this _____ day of _____, 2010.

William J. Mueller
Village President

ATTEST:

Brigitte O'Brien
Village Clerk


VILLAGE OF LOMBARD CHANGE ORDER


PROJECT NAME: North Industrial Park Pavement Rehabilitation PROJECT NO.: ST 09-06
 LOCATION: Lombard & Cortland Rd., Ridge, Dupage & Progress Ave., Main and Garfield St. CHANGE ORDER: 2
 CONTRACTOR: Plote Construction DATE: 10/5/2010
 DESCRIPTION OF CHANGE ORDER: Balancing of contract items and extra work as requested

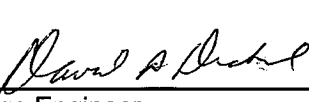
ORIGINAL CONTRACT AMOUNT:	[1] <u>\$2,672,205.00</u>
TOTAL OF PREVIOUS AUTHORIZED CHANGE ORDERS:	[2] <u>\$9,885.48</u>
CURRENT CONTRACT AMOUNT: ([1]+[2])	[3] <u>\$2,682,090.48</u>
PROPOSED CHANGE ORDER: (PENDING APPROVAL)	[4] <u>\$34,206.50</u>
PROPOSED REVISED CONTRACT AMOUNT: (PENDING APPROVAL) ([3]+[4])	[5] <u>\$2,716,296.98</u>

NET OF ALL CHANGE ORDERS: (PENDING APPROVAL) ([2]+[4])	<u>\$44,091.98</u>
TIME EXTENSION OR REDUCTION: (CO No. 1)	<u>21 calendar days</u>
TOTAL CONTRACT TIME:	<u>186 calendar days</u>
BUDGET ESTIMATE:	<u>\$2,205,000.00</u>
ENGINEER'S ESTIMATE:	<u>\$3,671,238.40</u>

RECOMMENDED FOR ACCEPTANCE :

 <u>Resident Engineer</u>	<u>10-6-10</u> <u>Date</u>	Approved By: _____ <u>Director of Finance</u>	_____ <u>Date</u>
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 <u>Contractor</u>	<u>10/6/10</u> <u>Date</u>	Approved By: _____ <small>(<\$10K or 25%)</small> <u>Village Manager</u>	_____ <u>Date</u>
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 <u>Village Engineer</u>	<u>10/6/10</u> <u>Date</u>	Approved By: _____ <small>(>\$10K or 25%)</small> <u>Village President</u>	_____ <u>Date</u>
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 <u>Director of Public Works</u>	<u>10/6/10</u> <u>Date</u>	Attest: _____ <u>Village Clerk</u>	_____ <u>Date</u>
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 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.

North Industrial Park Pavement Rehabilitation
Change Order #: 2

10/5/2010

Coded Pay Item	No.	Item	Current Quantity	Unit	Unit Price	Revised Quantity	Difference	Amount	Description
42300400	29	PCC DRIVEWAY PAVEMENT, 8 INCH	6,852	SQ YD	\$ 40.00	7,131	279	\$11,160.00	Additional driveway aprons as requested by parkway Development Co. on Dupage Avenue.
44000151	33	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	20,509	SQ YD	\$ 1.20	18,009	(2,500)	\$ (3,000.00)	This item of work was deducted due to AUP 5 being used instead.
44000200	36	DRIVEWAY PAVEMENT REMOVAL	6,620	SQYD	\$ 11.50	6,899	279	\$3,208.50	Additional driveway aprons as requested by parkway Development Co. on Dupage Avenue
48300400	41	PORTLAND CEMENT CONCRETE SHOULDERS 9"	572	SQ YD	\$ 48.00	748	176	\$8,448.00	Field conditions increased qty in phase 1.
78003100	66	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	123	SQ FT	\$ 30.00	0	(123)	\$ (3,690.00)	Item will not be used at Phase 2 RR crossing
	77	PORTLAND CEMENT CONCRETE OVERLAY, FURNISHED	3,755	CU YD	\$ 100.00	3,805	50	\$5,000.00	To be used in the SB lane of Lombard where the extra 1/2 inch of milling will be done.
AUP 3		DETECTABLE WARNING PANELS	0	SF	\$30.00	16	16	\$480.00	Required in Phase 2 for sidewalk ramps to be ADA compliant
AUP 4		PROVIDE COLD PATCH FOR TEMPORARY DRIVEWAYS in Phase 1 &2	0	EA	\$210.00	35	35	\$7,350.00	Required to protect the new UTW edge from being damaged once opened and used for vehicular access
AUP 5		PAVEMENT REMOVAL 1 INCH	0	LS	\$2.10	2500	2,500	\$5,250.00	Used to better profile the SB lane of Lombard so the proper thickness of 4inches of UTW can be placed in particular at the 1/4 crown

TOTAL AMOUNT= \$34,206.50