



CITY of NOVI CITY COUNCIL

**Agenda Item H
September 14, 2009**

SUBJECT: Approval of the final balancing change order and final payment to Pro-Line Asphalt Paving Corporation for the Crowe-Ingersol Road Reconstruction in the amount of \$13,024.64.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division

CITY MANAGER APPROVAL:

134

EXPENDITURE REQUIRED	\$ 220,291.71
AMOUNT BUDGETED	\$ 210,000
APPROPRIATION REQUIRED	\$10,000 (1st Qtr Budget Amendment – Mun Street Fund Balance)
LINE ITEM NUMBER	204-204.00-865.263

BACKGROUND INFORMATION:

Crowe Drive and Ingorsol Drive were existing concrete streets that were reconstructed as asphalt streets in 2008. The final restoration was completed in 2009. The City's consulting engineer for this project, Spalding DeDecker & Associates, Inc. (SDA), administered the construction contract for the reconstruction of Crowe-Ingorsol Roads. SDA has executed and submitted the attached documents verifying the final contract payment amount that is due to the construction contractor, Pro-Line Asphalt Paving Corporation of Washington, MI (SDA's Final Pay Estimate No. 3 and Balancing Change Order No. 2, attached).

The work performed by the contractor was in substantial compliance with the plans and specifications, and final payment in the amount of \$13,024.64 is appropriate. In addition, the City Attorney has reviewed supporting documentation and found it to be in an acceptable form, also attached. The original contract was approved at the July 28, 2008 City Council meeting in the amount of \$210,653.21.

There were two change orders associated with the project. The first change order was to add, remove and restore a temporary drive for Boston Market and associated sidewalk on Crescent Boulevard to expedite construction of Ingorsol Drive. The second change order occurred in May 2009, for the addition of plantings and sod required to fully restore the Boston Market frontage. This work along with balancing of the contract quantities resulted in an additional cost of \$9,638.50.

The additional work has been completed and increased the total in construction expenditures on this project to \$220,291.71.

RECOMMENDED ACTION: Approval of the final balancing change order and final payment to Pro-Line Asphalt Paving Corporation for the Crowe-Ingorsol Road Reconstruction in the amount of \$13,024.64.

	1	2	Y	N
Mayor Landry				
Mayor Pro Tem Gatt				
Council Member Burke				
Council Member Crawford				

	1	2	Y	N
Council Member Margolis				
Council Member Mutch				
Council Member Staudt				

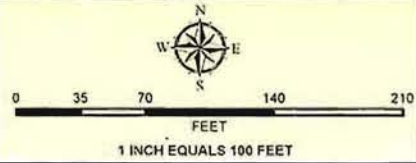
Location Map

Crowe Drive and Ingersol Drive

Map Publication Date: 6/29/07



CITY OF NOVI
ENGINEERING DEPARTMENT
NOVI CITY HALL
45175 W. TEN MILE ROAD
NOVI, MI 48375-3024
(248) 347-0454
WWW.CITYOFNOVI.ORG
MAP AUTHOR: Brian T. Coburn, P.E.



MAP INTERPRETATION DISCLAIMER
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CITY OF NOVI
 CROWE AND INGERSOL ROAD RECONSTRUCTION
 SDA Job No. : NV07-017

ENGINEER'S PAYMENT CERTIFICATE No. 3 - FINAL
 OF WORK PERFORMED THROUGH JULY 15, 2008

CONTRACTOR:

Pro-Line Asphalt Paving Corp.

11797 29 Mile Road

PO Box 177

Washington, MI 48094

Phone: (586) 752-7730

Fax: (586) 752-9745

Original Contract Amount: \$210,653.21

- Adjusted Contract Amount: \$220,291.71

Original Completion Date: December 13, 2008

- Adjusted Completion date: N/A

ITEM No.	DESCRIPTION	CONT. QTY	UNIT	PREVIOUS QTY EARNED	QTY. THIS PERIOD	TOTAL QTY. TO DATE	UNIT PRICE	PREVIOUS AMT. EARNED	EARNED THIS PERIOD	TOTAL EARNED AMT. TO DATE	CONTRACT AMOUNT
Section 1 - General											
1	Bonds, Insurance and Initial Set-Up	1	LS	1		1	\$ 3,509.86	\$ 3,509.86	\$ -	\$ 3,509.86	\$ 3,509.86
2	Audio / Visual DVD Coverage	1	LS	1		1	\$ 1,338.88	\$ 1,338.88	\$ -	\$ 1,338.88	\$ 1,338.88
3	Soil Erosion, Sedimentation Control	1	LS	1		1	\$ 2,994.12	\$ 2,994.12	\$ -	\$ 2,994.12	\$ 2,994.12
4	Traffic Control	1	LS	1		1	\$ 7,523.72	\$ 7,523.72	\$ -	\$ 7,523.72	\$ 7,523.72
5	Concrete Pavment and Curb	3705	SY	3567.7		3567.7	\$ 2.72	\$ 9,704.14	\$ -	\$ 9,704.14	\$ 10,077.60
6	Remove Concrete Sidewalk	987	SF	987		987	\$ 0.70	\$ 690.90	\$ -	\$ 690.90	\$ 690.90
7	Normal Excavation	1	LS	1		1	\$ 12,511.08	\$ 12,511.08	\$ -	\$ 12,511.08	\$ 12,511.08
8	Subgrade Undercut (As Needed)	100	CY	12		12	\$ 33.90	\$ 406.80	\$ -	\$ 406.80	\$ 3,390.00
9	Aggregate Base, 12" 21AA Limestone	3470	SY	3470		3470	\$ 10.45	\$ 36,261.50	\$ -	\$ 36,261.50	\$ 36,261.50
10	Underdrain (Geotextile Wrap), Subgrade, 6"	1629	LF	1621		1621	\$ 11.19	\$ 18,138.99	\$ -	\$ 18,138.99	\$ 18,228.51
11	Drainage Structure Adjustment - 3	6	EA	4		4	\$ 282.46	\$ 1,129.84	\$ -	\$ 1,129.84	\$ 1,694.76
12	Curb and Gutter, Conc, Det F4	1629	LF	1629		1629	\$ 14.69	\$ 23,930.01	\$ -	\$ 23,930.01	\$ 23,930.01
13	Driveway Opening, Conc, Det M	215	LF	215		215	\$ 15.82	\$ 3,401.30	\$ -	\$ 3,401.30	\$ 3,401.30
14	HMA, 2C	382	TON	382		382	\$ 59.90	\$ 22,881.80	\$ -	\$ 22,881.80	\$ 22,881.80
15	HMA, 3C	286	TON	271		271	\$ 59.83	\$ 16,213.93	\$ -	\$ 16,213.93	\$ 17,111.38
16	HMA, 4C	286	TON	281		281	\$ 63.67	\$ 17,891.27	\$ -	\$ 17,891.27	\$ 18,209.62
17	6" Sidewalk Ramp, ADA	892	SF	881		881	\$ 7.34	\$ 6,466.54	\$ -	\$ 6,466.54	\$ 6,547.28
18	ADA Dectectable Warning Plate (New Constr)	148	SF	136		136	\$ 24.86	\$ 3,380.96	\$ -	\$ 3,380.96	\$ 3,679.28
19	Remove Brick Pavers	534	SF	484		484	\$ 2.26	\$ 1,093.84	\$ -	\$ 1,093.84	\$ 1,206.84
20	Replace Brick Pavers	350	SF	342		342	\$ 13.56	\$ 4,637.52	\$ -	\$ 4,637.52	\$ 4,746.00
21	Pvmt Marking - Overlay Cold Plastic 18" Stop Bar	60	LF	34		34	\$ 5.65	\$ 192.10	\$ -	\$ 192.10	\$ 339.00
22	Pvm Marking - Overlay Cold Plastic 6", Crosswalk	405	LF	331		331	\$ 3.11	\$ 1,029.41	\$ -	\$ 1,029.41	\$ 1,259.55
23	Pvmt Marking - Sprayable Thermosplastic, 4", Yellow	2392	LF	2242		2242	\$ 0.40	\$ 896.80	\$ -	\$ 896.80	\$ 956.80
24	Pvm Marking - Overlay Cold Plastic - Rt Turn Arrow	1	EA	1		1	\$ 112.99	\$ 112.99	\$ -	\$ 112.99	\$ 112.99
25	Pvm Marking - Overlay Cold Plastic - Only	1	EA	1		1	\$ 112.99	\$ 112.99	\$ -	\$ 112.99	\$ 112.99
26	Sign w/ 3 lb Post - R1-1 Stop Sign	3	EA	3		3	\$ 169.48	\$ 508.44	\$ -	\$ 508.44	\$ 508.44
27	Sign w/3 lb Post - R2-1 (25) Speed Limit 25	1	EA	1		1	\$ 169.48	\$ 169.48	\$ -	\$ 169.48	\$ 169.48
28	Sign w/3 lb Post - R3-9b Center Lane Only	1	EA	1		1	\$ 169.48	\$ 169.48	\$ -	\$ 169.48	\$ 169.48
29	Sign w/ 3 lb Post - R3-9c Bag / End Center Lane	2	EA				\$ 169.48	\$ -	\$ -	\$ -	\$ 338.96
30	Sign w/3 lb Post - R3-5 Right Turn Only	1	EA	1		1	\$ 169.48	\$ 169.48	\$ -	\$ 169.48	\$ 169.48
31	Special Sign - 'CRESCENT BLVD'	1	EA	1		1	\$ 56.49	\$ 56.49	\$ -	\$ 56.49	\$ 56.49
32	Special Sign - 'CROWE DR'	2	EA	2		2	\$ 56.49	\$ 112.98	\$ -	\$ 112.98	\$ 112.98
33	Special Sign - 'INGERSOL DR'	2	EA	2		2	\$ 56.49	\$ 112.98	\$ -	\$ 112.98	\$ 112.98
34	Special Sign - 'NOVI RD'	1	EA	1		1	\$ 56.49	\$ 56.49	\$ -	\$ 56.49	\$ 56.49
35	Remove / Replace Shrub - Euonymus Alatus (4' Ht)	28	EA				\$ 62.14	\$ -	\$ -	\$ -	\$ 1,739.92
36	Remove / Replace Shrub - Taxus Baccata (1' Ht)	31	EA				\$ 62.14	\$ -	\$ -	\$ -	\$ 1,926.34
37	Class A Sodding, 3" Topsoil	380	SY	380		380	\$ 6.78	\$ 2,576.40	\$ -	\$ 2,576.40	\$ 2,576.40
	Subtotal Section 1 - General							\$ 200,383.51	\$ -	\$ 200,383.51	\$ 210,653.21

NV07-017 Pay Certificate No. 3 (cont.)											
ITEM No.	DESCRIPTION	CONT. QTY	UNIT	PREVIOUS QTY EARNED	QTY THIS PERIOD	TOTAL QTY. TO DATE	UNIT PRICE	PREVIOUS AMT. EARNED	EARNED THIS PERIOD	TOTAL EARNED AMT. TO DATE	CONTRACT AMOUNT
Section 2 - Change Order 1											
5-1	Concrete Pavment and Curb	-137.3	SY				\$ 2.72	\$ -	\$ -	\$ -	\$ (373.46)
6-1	Remove Concrete Sidewalk	135	SF	135		135	\$ 0.70	\$ 94.50	\$ -	\$ 94.50	\$ 94.50
8-1	Subgrade Undercut (As Needed)	-88	CY				\$ 33.90	\$ -	\$ -	\$ -	\$ (2,983.20)
9-1	Aggregate Base, 12" 21AA Limestone	497	SY	497		497	\$ 10.45	\$ 5,193.65	\$ -	\$ 5,193.65	\$ 5,193.65
10-1	Underdrain (Geotextile Wrap), Subgrade, 6"	-8	LF				\$ 11.19	\$ -	\$ -	\$ -	\$ (89.52)
11-1	Drainage Structure Adjustment - 3	-2	EA				\$ 282.46	\$ -	\$ -	\$ -	\$ (564.92)
12-1	Curb and Gutter, Conc, Det F4	86	LF	86		86	\$ 14.69	\$ 1,263.34	\$ -	\$ 1,263.34	\$ 1,263.34
13-1	Driveway Opening, Conc, Det M	75.6	LF	75.6		75.6	\$ 15.82	\$ 1,195.99	\$ -	\$ 1,195.99	\$ 1,195.99
14-1	HMA, 2C	84.5	TON	84.5		84.5	\$ 59.90	\$ 5,061.55	\$ -	\$ 5,061.55	\$ 5,061.55
15-1	HMA, 3C	-15	TON				\$ 59.83	\$ -	\$ -	\$ -	\$ (897.45)
16-1	HMA, 4C	-5	TON				\$ 63.67	\$ -	\$ -	\$ -	\$ (318.35)
17-1	6" Sidewalk Ramp, ADA	-11	SF				\$ 7.34	\$ -	\$ -	\$ -	\$ (80.74)
18-1	ADA Dectectable Warning Plate (New Constr)	-12	SF				\$ 24.86	\$ -	\$ -	\$ -	\$ (298.32)
19-1	Remove Brick Pavers	-50	SF				\$ 2.26	\$ -	\$ -	\$ -	\$ (113.00)
20-1	Replace Brick Pavers	-8	SF				\$ 13.56	\$ -	\$ -	\$ -	\$ (108.48)
21-1	Pvmt Marking - Overlay Cold Plastic 18" Stop Bar	-26	LF				\$ 5.65	\$ -	\$ -	\$ -	\$ (146.90)
22-1	Pvmt Marking - Overlay Cold Plastic 6", Crosswalk	-74	LF				\$ 3.11	\$ -	\$ -	\$ -	\$ (230.14)
23-1	Pvmt Marking - Sprayable Thermosplastic, 4", Yellow	-150	LF				\$ 0.40	\$ -	\$ -	\$ -	\$ (60.00)
28-1	Sign w/3 lb Post - R3-9b Center Lane Only	1	EA	1		1	\$ 169.48	\$ 169.48	\$ -	\$ 169.48	\$ 169.48
29-1	Sign w/ 3 lb Post - R3-9c Beg / End Center Lane	-2	EA				\$ 169.48	\$ -	\$ -	\$ -	\$ (338.96)
35-1	Remove / Replace Shrub - Euonymus Alatus (4' Ht)	-28	EA				\$ 62.14	\$ -	\$ -	\$ -	\$ (1,739.92)
36-1	Remove / Replace Shrub - Taxus Baccata (1' Ht)	-31	EA				\$ 62.14	\$ -	\$ -	\$ -	\$ (1,926.34)
37-1	Class A Sodding, 3" Topsoil	140	SY	140		140	\$ 6.78	\$ 949.20	\$ -	\$ 949.20	\$ 949.20
38-1	Maintenance Aggregate, 21AA Crushed Conc	50.5	TON	50.5		50.5	\$ 22.00	\$ 1,111.00	\$ -	\$ 1,111.00	\$ 1,111.00
39-1	Unsuitable Soil Disposal	40	CY	40		40	\$ 15.00	\$ 600.00	\$ -	\$ 600.00	\$ 600.00
40-1	Sidewalk, 4" Concrete	305	SF	305		305	\$ 5.50	\$ 1,677.50	\$ -	\$ 1,677.50	\$ 1,677.50
41-1	Mobilization Credit	-1	LS	-1		-1	\$ 1,000.00	\$ (1,000.00)	\$ -	\$ (1,000.00)	\$ (1,000.00)
42-1	Concrete Curb and Gutter, Remove	110	LF	110		110	\$ 10.00	\$ 1,100.00	\$ -	\$ 1,100.00	\$ 1,100.00
Subtotal Section 2 - Change Order 1								\$ 17,416.21	\$ -	\$ 17,416.21	\$ 7,146.52
Section 3 - Change Order 2, Balancing											
43-2	Yew Shrub, Dense, 18" - 24" High	13	Ea		13	13	\$ 75.86	\$ -	\$ 986.18	\$ 986.18	\$ 986.18
44-2	Mulch, Red	2.5	Cyd		2.5	2.5	\$ 100.00	\$ -	\$ 250.00	\$ 250.00	\$ 250.00
45-2	Topsoil	1.5	Cyd		1.5	1.5	\$ 150.00	\$ -	\$ 225.00	\$ 225.00	\$ 225.00
46-2	Sod, Removal	1	LS		1	1	\$ 750.00	\$ -	\$ 750.00	\$ 750.00	\$ 750.00
47-2	Edging, Black Diamond	80	Lft		80	80	\$ 3.51	\$ -	\$ 280.80	\$ 280.80	\$ 280.80
Subtotal Section 3 - Change Order 2								\$ -	\$ 2,491.98	\$ 2,491.98	\$ 2,491.98
TOTALS								\$ 217,799.73	\$ 2,491.98	\$ 220,291.71	\$ 220,291.71
								LESS RETAINAGE (Not to exceed):	\$ 10,532.66		
								TOTAL AMOUNT RECOMMENDED:		\$ 220,291.71	
								LESS PREVIOUS AMOUNT RECOMMENDED:		\$ 207,267.07	
								NET THIS CERTIFICATE:		\$ 13,024.64	

SPALDING DEDECKER ASSOCIATES, INC.
605 SOUTH BOULEVARD EAST
ROCHESTER HILLS, MI 48307

WE HEREBY CERTIFY THAT THIS AMOUNT
OF WORK HAS BEEN COMPLETED


TED MEADOWS, CONSTRUCTION MANAGER

DATE: 9/8/09

CITY OF NOVI
45175 W. TEN MILE ROAD
NOVI, MI 48376

APPROVED FOR PAYMENT:


BRIAN COBURN, PE., SENIOR CIVIL ENGINEER

DATE: 9/8/09

PRO-LINE ASPHALT PAVING CORP.
11797 28 MILE ROAD
PO BOX 177
WASHINGTON, MI 48094

ACCEPTED FOR PAYMENT:


MATTHEW JONES, VICE PRESIDENT

DATE: 9.8.09

**CITY OF NOVI
CROWE AND INGERSOL ROAD RECONSTRUCTION
PROJECT No. NV07-017
CONTRACT CHANGE ORDER No. 2 - BALANCING**

Owner: City of Novi
45175 West Ten Mile Road
Novi, MI 48375
Phone: (248) 347-0454
Fax: (248) 735-5683

Contractor: Pro-Line Asphalt Paving Corp.
11797 29 Mile Rd, Box 177
Washington, MI 48094
Phone: (586) 752-7730
Fax: (586) 752-9745

Upon execution by the Owner's representative, the following changes in the Contract Documents will be authorized.

Item No.	Description of Changes	Quantity	Unit	Unit Price	Decrease in Contract Price	Increase in Contract Price
43-2	Yew Shrub, Dense, 18" - 24" High	13	Ea	\$ 75.86		\$ 986.18
44-2	Mulch, Red	2.5	Cyd	\$ 100.00		\$ 250.00
45-2	Topsoil	1.5	Cyd	\$ 150.00		\$ 225.00
46-2	Sod, Removal	1	LS	\$ 750.00		\$ 750.00
47-2	Edging, Black Diamond	80	Lft	\$ 3.51		\$ 280.80
Total Decrease / Increase in Contract Amount					\$ -	\$ 2,491.98
Net Increase in Contract Amount						\$ 2,491.98
Previously Adjusted Contract Amount						\$ 217,799.73
Adjusted Contract Amount to Date						\$ 220,291.71

The time provided for completion of the Contract is unchanged.

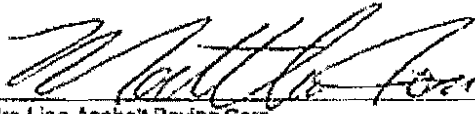
This document shall become an Amendment to the Contract and all provisions of the Contract will apply hereto.

Item No.	Justification
43-2 44-2 45-2 46-2 47-2	Boston Market additions for restoration of temporary drive.

CITY OF NOVI
CROWE AND INGERSOL ROAD RECONSTRUCTION
PROJECT No. NV07-017
CONTRACT CHANGE ORDER No. 2 - BALANCING

Pro-Line Asphalt Paving Corp.
11797 29 Mile Rd, Box 177
Washington, MI 48094

Accepted by
Contractor:



Pro-Line Asphalt Paving Corp.

Date: 9.8.09

Spalding DeDecker Associates, Inc.
905 South Boulevard East
Rochester Hills, MI 48307

Recommended by
Engineer:




Ted Meadows, Construction Manager

Date: 8/19/09

City of Novi
45175 West Ten Mile Road
Novi, MI 48375

Approved by
Owner:



~~Rob Hayes, PE, City of Novi Engineer~~
BRIAN COBURN, PE., SENIOR CIVIL ENGINEER

Date: 9/8/09

September 2, 2009

38903 Northwestern Highway
P.O. Box 3040
Farmington Hills, MI 48333-3040
Tel: 248-851-9500
Fax: 248-851-2158
www.secretwardle.com

Suzanne Moreno, Finance Department
City of Novi
45175 West Ten Mile Road
Novi, Michigan 48375

Elizabeth M. Kudla
Direct: 248-539-2846
ekudla@secretwardle.com

**Re: Crowe/Ingersol Road Reconstruction Project
Pro-line Asphalt – Closing Documents
Our File No. 55142 NOV**

Dear Ms. Moreno:

We have received and reviewed the following closing documents you have provided for the Crowe/Ingersol Road Reconstruction Project:

- Final Pay Estimate No. 3
- Final Balancing Change Order No. 2
- Sworn Statement
- Maintenance and Guarantee Bond and Rider
- Consent of Surety
- Waivers of Lien

Subject to approval of the Final Pay Estimate by the City's Public Services Director, the closing documents appear to be in order.

Please let us know if you need anything additional or if you have any questions regarding the above, please do not hesitate to call.

Very truly yours,



ELIZABETH M. KUDLA

EMK

cc: Clay Pearson, City Manager
Kathy Smith-Roy, Finance Director
Rob Hayes, Public Services Director
Aaron Staup, Construction Engineering Coordinator
Ted Meadows, Spalding DeDecker
Thomas R. Schultz, Esquire

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