



CITY of NOVI CITY COUNCIL

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Agenda Item H
June 4, 2007

SUBJECT: Approval of the final balancing change order and final payment to Commercial Contracting Corporation for the Eleven Mile Road Pathways Phase II project (north side of Eleven Mile between Beck and Wixom Roads, and gaps east of Beck Road on the south side of Eleven Mile) in the amount of \$13,637.62.

SUBMITTING DEPARTMENT: Engineering Department *RA*

CITY MANAGER APPROVAL: *[Signature]*

EXPENDITURE REQUIRED	N/A
AMOUNT BUDGETED	N/A
APPROPRIATION REQUIRED	N/A
LINE ITEM NUMBER	N/A

BACKGROUND INFORMATION:

The City's consulting engineer for this project (Fishbeck, Thompson, Carr & Huber) administered the construction contract for the addition of several sidewalk and bike path segments from late summer 2006 to present. These segments were constructed along Eleven Mile Road's north side between Beck and Wixom Roads, and the south side of Eleven Mile between Beck and Taft Roads. Fishbeck has executed and submitted the attached documents verifying the final contract payment amount that is due to the construction contractor, Commercial Contracting Corporation (Fishbeck's Final Pay Estimate No. 5 and Balancing Change Order, attached).

The pathway construction work performed by the contractor has been in substantial compliance with the plans and specifications, and final payment in the amount of \$13,637.62 is appropriate. In addition, the City Attorney has reviewed supporting documentation and found it to be in an acceptable form. The original contract was approved at the August 14, 2006 City Council meeting in the amount of \$139,389.05. The final payment brings the total in construction expenditures on this project to \$113,669.53.

RECOMMENDED ACTION: Approval of the final balancing change order and final payment to Commercial Contracting Corporation for the Eleven Mile Road Pathways Phase II project (north side of Eleven Mile between Beck and Wixom Roads, and gaps east of Beck Road on the south side of Eleven Mile) in the amount of \$13,637.62.

	1	2	Y	N
Mayor Landry				
Mayor Pro Tem Capello				
Council Member Gatt				
Council Member Margolis				

	1	2	Y	N
Council Member Mutch				
Council Member Nagy				
Council Member Paul				

Client: City of Novi
 Project: 11 Mile Pathway, Phase II - G05399C1
 Contractor: Commercial Contracting, Inc.

Pay Estimate No.: 5
 Period: 11/11/06 - 12/15/06
 Progress or Final: Final payment

Item No.	Unit	Original Authorized Quantity	Final Authorized Quantity	Unit Price	Quantity This Estimate	Amount This Estimate	Quantity Previously Paid	Quantity Paid to Date	Total Amount Earned to Date
1	LS	1	1	\$2,500.00			1.0	1.0	\$ 2,500.00
2	LS	1	1	\$1,700.00			1.0	1.0	\$ 1,700.00
3	SY	375	120.9	\$12.00			120.9	120.9	\$ 1,450.68
4	SY	50	50	\$15.00			50.0	50.0	\$ 750.00
5	EA	10	3	\$200.00			3.0	3.0	\$ 600.00
6	LS	1	1	\$1,000.00	0.25	250.00	0.8	1.0	\$ 1,000.00
8	EA	2	3	\$120.00	1.00	120.00	2.0	3.0	\$ 360.00
9	EA	2	1	\$500.00			1.0	1.0	\$ 500.00
10	EA	6	3	\$140.00			6.0	6.0	\$ 840.00
11	EA	3	3	\$200.00			3.0	3.0	\$ 600.00
12	EA	1	0	\$150.00					
13	EA	125	125	\$9.40			125.0	125.0	\$ 1,175.00
14	EA	1	0	\$1,500.00					
15	EA	1	1	\$2,500.00	1.00	2,500.00		1.0	\$ 2,500.00
16	SY	2,350	1,616.6	\$34.50			1.0	1.0	\$ 34.50
17	SY	360	381.6	\$16.00	21.56	344.96	1,616.6	1,616.6	\$ 26,065.76
18	LF	415	175	\$100.07			360.0	381.6	\$ 37,382.52
19	SY	300	123.2	\$16.00			175.0	175.0	\$ 2,800.00
20	LF	60	60	\$18.00			123.2	123.2	\$ 2,217.60
21	LF	35	0	\$110.00			60.0	60.0	\$ 6,600.00
22	EA	1	0	\$2,500.00					
23	LS	1	1	\$3,000.00	0.25	750.00	0.8	1.0	\$ 3,000.00
24	LS	1	1	\$7,000.00			1.0	1.0	\$ 7,000.00
25	LS	1	1	\$2,500.00	0.25	625.00	0.8	1.0	\$ 2,500.00
CM#1	EA	59	50	\$25.00			50.0	50.0	\$ 1,250.00
CM#2	EA	0	4	\$35.00	4.00	140.00		4.0	\$ 140.00
CM#2	Dir	0	448.8	\$1.00	448.80	448.80		448.8	\$ 448.80
CM#2	Cyd	0	70	\$9.50	70.00	665.00		70.0	\$ 665.00
CM#2	Dir	0	397.28	\$1.00	397.28	397.28		397.3	\$ 397.28
CM#2	Dir	0	198.64	\$1.00	198.64	198.64		198.6	\$ 198.64
CM#2	EA	0	5	\$30.95	5.00	154.75		5.0	\$ 154.75
Current Earnings: \$ 6,594.42 Total Earnings: \$ 113,669.53 - Current Retainage: -\$7,043.20 -Retainage to Date: \$ 80.00 - Current Adjustments: \$ - -Adjustments to Date: \$ - Current Net Estimate: \$ 13,637.62 Total Net: \$ 113,669.53 Amount Due This Estimate: \$ 13,637.62									

Contract Summary
 Amount Previously Paid: \$100,031.90
 Total Paid: \$113,669.53
 Original Contract: CM#1 \$139,389.05
 CM#2 -\$27,194.52
 Total Contract Amount \$113,669.53
 % of Original 81.5%
 Percentage of Contract Completed: 100%

I certify that the items included on this report constitute my estimate of the work completed and due the contractor as of the period covered by this document.

Karen S. Ellis
 Ms. Karen E. Ellis, P.E. - Project Engineer

I have reviewed this estimate on behalf of Commercial Contracting Corporation and concur with the quantities presented for the period covered by this document.

authorized signature _____
 Printed Name: _____



Contract Modification

Fishbeck Thompson Carr and Huber

1/23/2007 11:43 AM

FieldManager 4.2a

Contract: G05399, Eleven Mile Pathway - Project 2

Cont. Mod. Number 2	Revision Number	Cont. Mod. Date 1/23/2007	Net Change \$-27,194.52	Awarded Contract Amount \$139,389.05
Route				
Contract Location Novi, MI				

Short Description

Final Balancing Contract Modification

Description of Changes

It is requested that the following Extra items be added to the contract and the Original items be balanced as shown below.

Increases / Decreases

Project: G05399, Eleven Mile Pathway - Project 2

CNST

Category: 0001, Eleven Mile Pathway - Project 2

Item Description	Item Code	Prop.Ln.	Item Type	Unit	Quantity	Chg.	Unit Price	Dollar Value
_ Alt 1 - 5-foot Concrete Sidewalk	1047060	0026	Original	Dir	1,475.000		1.00000	\$1,475.00

Reason: When this project began it was decided that Alternate No. 1 would not be constructed. A negative dollar value for this work was included in the Original Awarded Contract Amount. This Contract Modification will balance the value for this item to zero dollars. This work was not done therefore NO PAYMENT is being made to the contractor for this item.

_ Alt 1 - 8-foot wide Pedestrian Bridge	1047060	0027	Original	Dir	4,320.000		1.00000	\$4,320.00
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Reason: When this project began it was decided that Alternate No. 1 would not be constructed. A negative dollar value for this work was included in the Original Awarded Contract Amount. This Contract Modification will balance the value for this item to zero dollars. This work was not done therefore NO PAYMENT is being made to the contractor for this item.

_ Alt 1 - Soil Erosion and Sedimentation Control Measures	1047060	0028	Original	Dir	250.000		1.00000	\$250.00
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Reason: When this project began it was decided that Alternate No. 1 would not be constructed. A negative dollar value for this work was included in the Original Awarded Contract Amount. This Contract Modification will balance the value for this item to zero dollars. This work was not done therefore NO PAYMENT is being made to the contractor for this item.

_ Alt 2 - 5-foot wide concrete sidewalk	1047060	0030	Original	Dir	11,625.000		1.00000	\$11,625.00
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Reason: When this project began it was decided that Alternate No. 2 would not be constructed. A negative dollar value for this work was included in the Original Awarded Contract Amount. This Contract Modification will balance the value for this item to zero dollars. This work was not done therefore NO PAYMENT is being made to the contractor for this item.



Contract Modification

Fishbeck Thompson Carr and Huber

1/23/2007 11:43 AM

FieldManager 4.2a

Increases / Decreases

Project: G05399, Eleven Mile Pathway - Project 2

CNST

Category: 0001, Eleven Mile Pathway - Project 2

Item Description	Item Code	Prop.Ln.	Item Type	Unit	Quantity Chg.	Unit Price	Dollar Value
_ Alt 2 - 8-foot wide Pedestrian Bridge	1047060	0031	Original	Dir	17,280.000	1.00000	\$17,280.00

Reason: When this project began it was decided that Alternate No. 2 would not be constructed. A negative dollar value for this work was included in the Original Awarded Contract Amount. This Contract Modification will balance the value for this item to zero dollars. This work was not done therefore NO PAYMENT is being made to the contractor for this item.

_ Alt 2 - Remove and Salvage Signs	1047060	0029	Original	Dir	360.000	1.00000	\$360.00
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Reason: When this project began it was decided that Alternate No. 2 would not be constructed. A negative dollar value for this work was included in the Original Awarded Contract Amount. This Contract Modification will balance the value for this item to zero dollars. This work was not done therefore NO PAYMENT is being made to the contractor for this item.

_ Alt 2 - Soil Erosion and Sed Control Measures	1047060	0032	Original	Dir	350.000	1.00000	\$350.00
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Reason: When this project began it was decided that Alternate No. 2 would not be constructed. A negative dollar value for this work was included in the Original Awarded Contract Amount. This Contract Modification will balance the value for this item to zero dollars. This work was not done therefore NO PAYMENT is being made to the contractor for this item.

12-inch RCP storm sewer	_5399021	0021	Original	LF	-35.000	110.00000	\$-3,850.00
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36-inch drainage structure	_5399022	0022	Original	EA	-1.000	2,500.00000	\$-2,500.00
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5-foot concrete sidewalk	_5399016	0016	Original	SY	-733.450	34.50000	\$-25,304.03
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Reason: .

5-foot concrete sidewalk - Alternate No. 1	_5399016	0033	Extra	SY	-9.000	25.00000	\$-225.00
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8-foot bituminous pathway	_5399017	0017	Original	SY	21.560	16.00000	\$344.96
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8-foot wide Pedestrian Bridge	_5399018	0018	Original	LF	-240.000	100.07000	\$-24,016.80
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Reason: .



Contract Modification

Fishbeck Thompson Carr and Huber

1/23/2007 11:43 AM

FieldManager 4.2a

Increases / Decreases

Project: G05399, Eleven Mile Pathway - Project 2

CNST

Category: 0001, Eleven Mile Pathway - Project 2

Item Description	Item Code	Prop.Ln.	Item Type	Unit	Quantity Chg.	Unit Price	Dollar Value
Bituminous Driveway Replacement	_5399019	0019	Original	SY	-176.800	16.00000	\$-2,828.80
Fire Hydrant Assembly Relcoation	_5399013	0013	Original	EA	-1.000	1,500.00000	\$-1,500.00
Remove and Salvage Mailboxes	_5399011	0011	Original	EA	-1.000	150.00000	\$-150.00
Remove bituminous pavement	_5399003	0003	Original	SY	-254.110	12.00000	\$-3,049.32
Remove Bushes	_5399006	0006	Original	EA	1.000	120.00000	\$120.00
Remove Trees	_5399005	0005	Original	EA	-7.000	200.00000	\$-1,400.00
Tree Relocation	_5399008	0008	Original	EA	-1.000	500.00000	\$-500.00

Subtotal for Category 0001: \$-29,198.99

Subtotal for Project G05399: \$-29,198.99

New Items

Project: G05399, Eleven Mile Pathway - Project 2

Category: 0001, Eleven Mile Pathway - Project 2

Item Description	Item Code	Prop.Ln.	Item Type	Unit	Proposed Qty.	Unit Price	Dollar Value
_ Carbolite Stakes	2027050	0042	Extra	Ea	4.000	35.00000	\$140.00

Reason: At the City of Novi's request, at the pre-construction walk thru, the Contractor replaced the existing reflectors with carbolite stakes at STA 23+50 Left.



Contract Modification

Fishbeck Thompson Carr and Huber

1/23/2007 11:43 AM

FieldManager 4.2a

New Items

Project: G05399, Eleven Mile Pathway - Project 2

Category: 0001, Eleven Mile Pathway - Project 2

Item Description	Item Code	Prop.Ln.	ItemType	Unit	Proposed Qty.	Unit Price	Dollar Value
_ Earth Excavation, Boardwalk	1037060	0045	Extra	Dir	448.800	1.00000	\$448.80

Reason: Extra earth excavation was required at the ends of the boardwalk at Sta 26+10 and Sta 27+85 to allow for boardwalk deck installation and a better sidewalk-to-boardwalk transition.

_ Embankment, CIP	2047021	0046	Extra	Cyd	70.000	9.50000	\$665.00
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Reason: Extra embankment was required from Sta 28+00 to Sta 35+00 to properly build the pathway 5 feet off the back of curb of 11 Mile Road.

_ Exploratory Digging, Boardwalk	1037060	0044	Extra	Dir	397.280	1.00000	\$397.28
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Reason: The contractor was directed to dig test holes to field verify gas main location near the boardwalk from Sta 26+10 to Sta 27+85). This was required to determine if a change in boardwalk design was needed based on gas main location.

_ Root Removal, Gap 3	1037060	0043	Extra	Dir	198.640	1.00000	\$198.64
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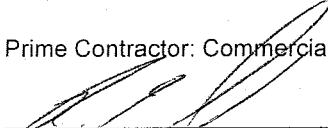
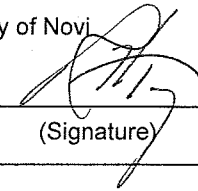
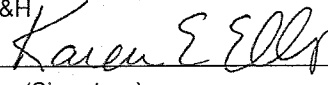
Reason: At the City of Novi's request the Contractor removed roots for the asphalt pathway.

_ Sprinkler Heads	2027050	0041	Extra	Ea	5.000	30.95000	\$154.75
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Reason: This item was required to complete the underground irrigation system relocation work per the proposed plans.

Subtotal for Category 0001: \$2,004.47

Subtotal for Project G05399: \$2,004.47

Prime Contractor: Commercial Contracting	City of Novi
 (Signature)	 (Signature)
1-24-07 (Date)	2/2/07 (Date)
Prepared by Project Engineer: Ms. Karen E. Ellis, P.E. - FTC&H	
 (Signature)	
01/23/07 (Date)	