



CITY of NOVI CITY COUNCIL

**Agenda Item 2
August 12, 2013**

SUBJECT: Approval of Change Order No. 1 to Cadillac Asphalt for the 2013 Neighborhood Road Program—Contract 2 (Asphalt) in the amount of \$433,126.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division

CITY MANAGER APPROVAL: 

EXPENDITURE REQUIRED	\$ 433,126
AMOUNT BUDGETED	\$1,600,000 (including FY12-13 rollover)
LINE ITEM NUMBER	203-203.00-865.432

BACKGROUND INFORMATION:

The 2013 Neighborhood Road Program consists of two separate contracts: one for concrete pavement and the other for asphalt. The concrete contract was awarded to GV Cement at the April 22, 2013 City Council meeting, and the asphalt contract was awarded Cadillac Asphalt at the June 3, 2013 meeting. Following these awards staff was able to determine the remaining available budget that could be allocated for additional street rehabilitation (the 2013 Neighborhood Road Program budget was augmented after the initial design had been completed).

Based on an evaluation of the pavement condition using PASER ratings, field observations by staff, and resident concerns, the following asphalt streets are being proposed for addition to Cadillac's contract as Change Order No. 1:

Road Segment	From	To	Material	PASER	Treatment
Newberry Dr	Mansfield	Mansfield	Asphalt	4	Mill and Overlay with Interlayer
Mansfield Dr	Newberry	Newberry	Asphalt	4	Mill and Overlay with Interlayer
Jamestowne Rd	Yorkshire	Ten Mile	Asphalt	5	Mill and Overlay with Interlayer
Huntington Rd	Yorkshire	Jamestowne	Asphalt	4	Mill and Overlay with Interlayer
Yorkshire Rd	Huntington	Jamestowne	Asphalt	5	Mill and Overlay with Interlayer
Concord Dr	Jamestowne	Christina	Asphalt	3	Mill and Overlay with Interlayer

This project was included in the FY2012-13 Capital Improvement Program (CIP) in the budgeted amount of \$1,300,000 for construction in FY12-13, with an additional \$300,000 budgeted for FY13-14 for a total construction budget of \$1,600,000 for the 2013 Neighborhood Road Program. To date, \$588,019 has been awarded to G.V. Cement for the first construction contract (Concrete-Contract 1), \$662,772 was awarded to Cadillac for this second contract (Contract 2), and \$433,126 is now being recommended for the construction change order for Contract 2, for total construction awards in the amount of \$1,683,917.

The contractor has begun work on Contract 2, and will add the change order work to the schedule once approved.

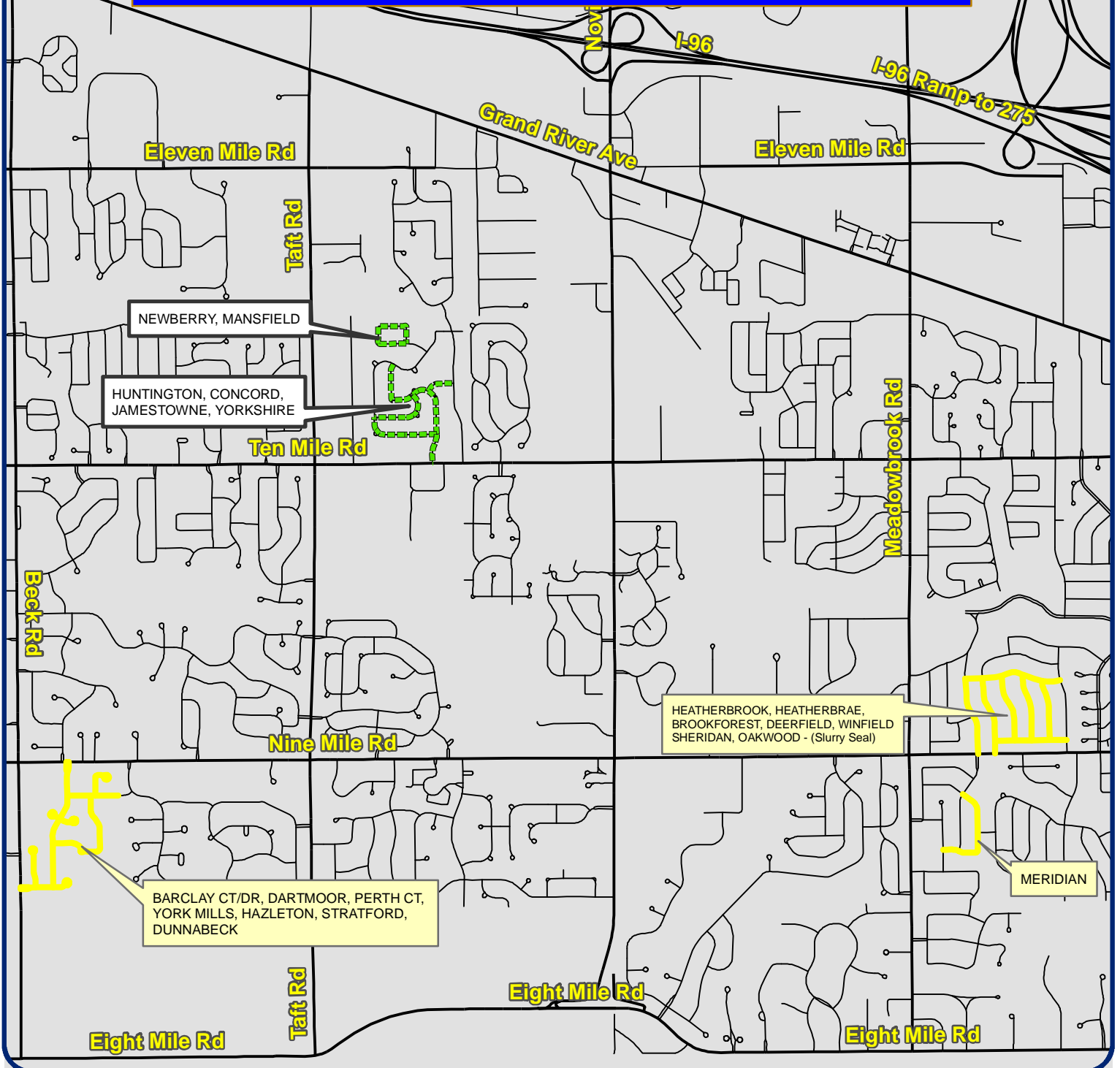
RECOMMENDED ACTION: Approval of Change Order No. 1 to Cadillac Asphalt for the 2013 Neighborhood Road Program—Contract 2 (Asphalt) in the amount of \$433,126.

	1	2	Y	N
Mayor Gatt				
Mayor Pro Tem Staudt				
Council Member Casey				
Council Member Fischer				

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

2013 Neighborhood Road Program Change Order - Asphalt Streets (Contract 2)

Location Map



Map Author: Croy
Date: 7/11/2013
Project: 2013 NRP/CPM
Version #: v4.2

MAP INTERPRETATION NOTICE

Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.



Legend

- Asphalt Streets - Base Bid
- - - - - Asphalt Streets - Change Order



City of Novi
Engineering Division
Department of Public Services
26300 Lee BeGole Drive
Novi, MI 48375
cityofnovi.org



1 inch = 2,500 feet



WORK CHANGE DIRECTIVE No. 1

Project: 2013 NRP - Asphalt - Contract 2

Owner: City of Novi
26300 Lee BeGole Dr.
Novi, Michigan 48375
(248) 735-5632

Engr: URS Corporation
27777 Franklin Road, Suite 2000
Southfield, Michigan 48034
(248) 204-5900

Contractor: Cadillac Asphalt, LLC
51777 W. 12 Mile Road
Wixom, Michigan 48393
(248) 380-3645

Drafted Date: July 12, 2013

Reasoning: Additional funding has been identified and made available for the project. This change is to add work similar to the original work on additional roadways to the contract.

Existing Contract Items

Item No.	Division	Item Description	Unit	Unit Price	Quantity	Contract Price	
						Add	Deduct
0		Inspection "Crew Days"	CD	\$840.00	38	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3		Erosion Control, Silt Fence	LF	\$1.20	100	\$120.00	
4		Erosion Control, Inlet Protection	EA	\$80.00	41	\$3,280.00	
6		Dr. Structure Cover, Adj., Case 2	EA	\$450.00	36	\$16,200.00	
7		Dr. Structure Cover, EJ#7045M1	EA	\$505.00	3	\$1,515.00	
8		Reconstruct Drainage Structure	LF	\$150.00	32	\$4,800.00	
9		Point-Up Drainage Structure	EA	\$200.00	32	\$6,400.00	
10		Subgrade Undercutting, Type II	CY	\$20.00	10	\$200.00	
11		Remove Pavement	SY	\$9.00	1501	\$13,509.00	
12		Curb and Gutter, Removal	LF	\$10.40	671	\$6,978.40	
13		Cold Milling, HMA Surface	SY	\$1.50	20526	\$30,789.00	
14		Sidewalk, Removal	SY	\$10.75	231	\$2,483.25	
15		Aggregate Base, 21AA, 8"	SY	\$14.25	530	\$7,552.50	
16		Geotextile, Separator	SY	\$5.30	100	\$530.00	
17		Joint and Crack, Cleanout	LF	\$1.00	12000	\$12,000.00	
18		Hand Patching	Ton	\$75.00	100	\$7,500.00	
19		Pavt. Joint and Crack Repair	LF	\$2.00	12000	\$24,000.00	
21		Concrete Curb and Gutter	LF	\$22.00	671	\$14,762.00	
22		HMA, 4C	Ton	\$68.00	2427	\$160,182.00	
23		HMA, 3C	Ton	\$141.45	184	\$26,026.80	
25		Concrete Driveway	SY	\$30.00	71	\$2,130.00	
26		Sidewalk, Conc., 4"	SF	\$4.50	1125	\$5,062.50	
27		Sidewalk, Conc., 6"	SF	\$5.00	50	\$250.00	
28		Sidewalk Ramp, Conc., 6"	SF	\$5.00	1099	\$5,495.00	
29		ADA Detectable Warning Plate	SF	\$19.10	280	\$5,348.00	

30		Underdrain, Subbase, 6"	LF	\$9.90	437	\$4,326.30	
31		Fabric Interlayer - Alternate 1	SY	\$2.35	20526	\$48,236.10	
Subtotals						\$409,676.85	\$0.00
Total						\$409,676.85	

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New Contract Items


Item No.	Division	Item Description	Unit	Unit Price	Quantity	Contract Price	
						Add	Deduct
32		Mobilization WCD1	LS	\$12,000.00	1	\$12,000.00	
33		Maintaining Traffic WCD1	LS	\$3,000.00	1	\$3,000.00	
34		Surface Restoration WCD1	LS	\$3,000.00	1	\$3,000.00	
35		Dr Structure, 48 inch dia	EA	\$3,500.00	1	\$3,500.00	
36		Sewer, CI E, 12 inch, Tr Det B	FT	\$78.00	25	\$1,950.00	
37		Dr Structure, Tap, 12 inch	EA	\$425.00	1	\$425.00	
38		Lane Ties	EA	\$8.60	144	\$1,224.00	
39		Earth Excavation	SY	\$7.25	50	\$362.50	

Subtotals	\$23,450.00	\$0.00
Total	\$23,450.00	


Estimated Increase/Decrease in Contract Price	\$433,125.85
Original Contract Amount	\$662,771.68
Sum of Previous Approved Change Orders	\$0.00
Estimated Revised Contract Amount	\$1,095,897.51

THE CHANGES ADDRESSED BY THIS CHANGE ORDER HEREBY ADJUSTS THE CONTRACT TIME BY: Day(s)

Accepted By:  Date: 8-2-13
 Cadillac Asphalt, LLC

Prepared By:  Date: 8/7/13
 URS Corporation

Reviewed By:  Date: 8/7/13
 Brian Coburn, P.E., Engineering Manager

Approved By:  Date: 8/7/13
 Rob Hayes, P.E. - DPS Director/City Engineer

and

Approved By: _____ Date: _____
 Sue Moriantl, Purchasing Manager