

CITY of NOVI CITY COUNCIL

Agenda Item 3 August 14, 2017

SUBJECT: Approval of Change Order No. 2 to Florence Cement Company for the 2017 Neighborhood Road Program – Asphalt Streets (Contract 3) project in the amount of \$303,575.81.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division GDM

CITY MANAGER APPROVAL:

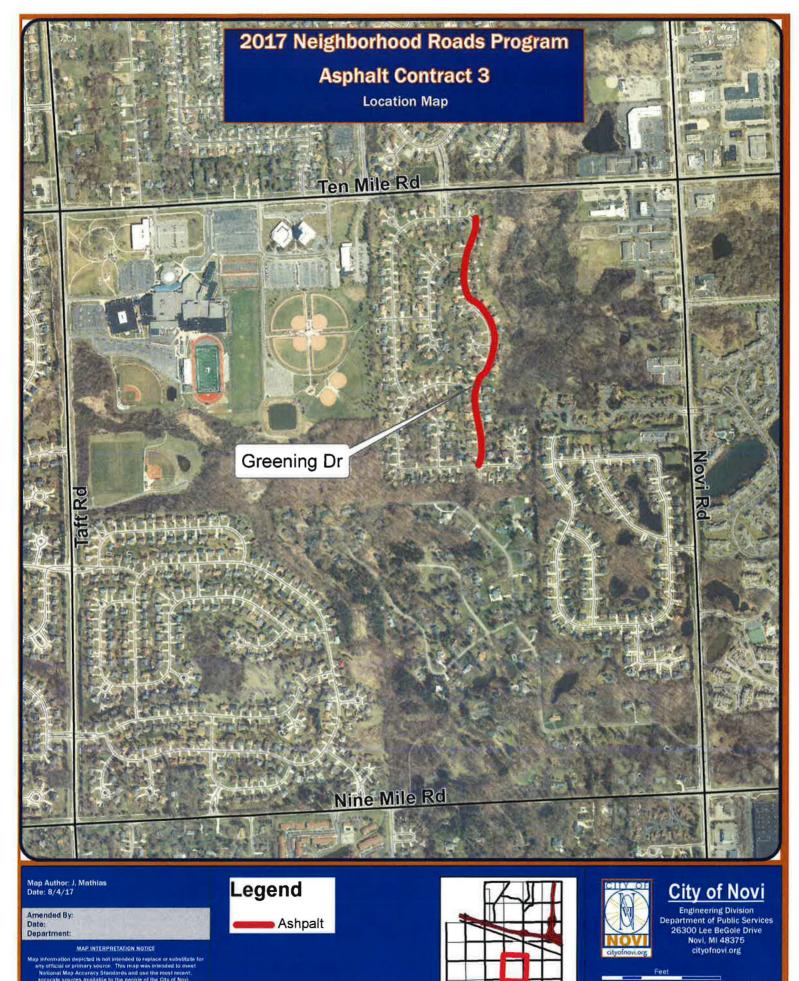
EXPENDITURE REQUIRED	\$ 303,575.81
AMOUNT BUDGETED	\$ 489,000.00 (FY 2016-17 Budget Rollover)
	\$ 950,000.00 (FY 2017-18 Budget)
	\$ 1,439,000.00 Total
LINE ITEM NUMBER	203-203.00-864.183 (2017 Neighborhood Roads)

BACKGROUND INFORMATION:

The 2017 Neighborhood Road Program consists of three separate contracts: two for concrete pavement and the other for asphalt. The asphalt contract was awarded at the April 24, 2017 City Council meeting. Florence Cement Company was awarded the contract for asphalt streets. Greening Drive, located in the Orchard Ridge Subdivision, is one of the streets included in this contract. Upon further inspection of this specific street, it was determined that initial proposed design plan would not suffice. The pavement thickness of Greening Drive coupled with its poor base was inadequate to support the initial design plan of milling the existing asphalt and repaving on top with 2-inches of new asphalt. It was also noted by the engineer and geotechnical firm (Spalding DeDecker and Soils and Materials Engineers, Inc., respectively) that the existing base material contains a significant amount of moisture and/or shallow ground water. The identified water requires collection and must be redirected to the City's existing storm water network. Therefore, this street segment has been redesigned as a full reconstruction, complete with new concrete curb and gutter, aggregate stone base, lateral road drains and full thickness of new asphalt, totaling \$240,000 in extras to the contract.

The proposed change order also incorporates approximately \$60,000 in changes in quantity and scope for five other street segments in the program (Buckminster Drive, Petros Boulevard, Chattman Street, Hampton Hill Road and Lochmoor Lane).

RECOMMENDED ACTION: Approval of Change Order No. 2 to Florence Cement Company for the 2017 Neighborhood Road Program – Asphalt Streets (Contract 3) project in the amount of \$303,575.81.



680 1,020 feet



WORK CHANGE DIRECTIVE & CHANGE ORDER No. ____2

PURCHASE ORDER NO. 95137

K	Novi, Michigan 48375 248) 735-5632	Rochester, Michigan 48037 (248) 844-5400			
1 8	Florence Cement Company 12585 23 Mile Road Shelby Twp., Michigan 48315 586) 997-2666	This document hereby renders changes in the Work, changes in the Contract Time and changes in the Contract Price by adding, deducting and/or balancing individual Contract line items through a signed authorization of the Prime Contractor, Owner, and Engineer.			
Drafted Date:	August 3, 2017				

EXISTING CONTRACT ITEMS

Item No.	Division	Item Description	Unit	Unit Price	Quantity	Contract P	
0	1	"Crew Days" - Base Bid	CD	\$640.00	Guantity	Add	Deduct
0		"Crew Days" -	CD	\$640.00			
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6		"Crew Days" -	CD	\$640.00	001		
		Sidewalk, Remove	SF	\$1.60	851		\$1,361
8		HMA Surface Repair	SY	\$22.90	886		\$20,289
9		Pavement, Remove	SY	\$14.00	207	\$2,898.00	
11		Cold Milling HMA Surface	SY	\$1.80	4429		\$7,972
12		Curb and Gutter, Conc, Remove	LF	\$10.40	2517	\$26,176.80	
14	1	Agg Base, 6-inch, Limestone	SY	\$10.00	28		\$280
16	1	Agg Base, 8-inch	SY	\$15.00	5721	\$85,815.00	
17		Underdrain, 6" w/geo-wrap trench	LF	\$14.00	3400	\$47,600.00	
20		Driveway, Nonreinf Conc, 6-inch	SY	\$42.04	207	\$8,702.28	
21		Curb and Gutter, Conc, Modified	LF	\$20.12	2517	\$50,642.04	
24	1	ADA Ramp, Conc, 6-inch	SF	\$5.91	271		\$1,601
25	1	ADA Detectable Warning Plate	SF	\$13.50	23		\$310
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					Subtotals	\$221,834.12	\$31,815
					Total	\$221,834.12	\$190,018
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			NEW CONTRACT	TEMS			
Item No.	Division	Item Description	Unit	Unit Price	Quantity	Contrac Add	t Price Deduct
39	1	Excavation, Earth	CY	\$28.00		\$57,680.00	Deduct
37	1	HMA, 1100L	Ton	\$71.00	787	\$55,877.00	
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