



# CITY of NOVI CITY COUNCIL

**Agenda Item 2**  
**April 24, 2017**

**SUBJECT:** Approval to award a construction contract for the 2017 Neighborhood Roads Program- Asphalt (Contract 3) project to Florence Cement Company, the low-bidder, in the amount of \$629,062.79, subject to final review and approval of the form and agreement by the City Manager's office and the City Attorney.

**SUBMITTING DEPARTMENT:** Department of Public Services, Engineering Division GDM

**CITY MANAGER APPROVAL:** PR

<b>EXPENDITURE REQUIRED</b>	<b>\$ 629,062.79</b>
<b>AMOUNT BUDGETED</b>	<b>\$ 630,000.00</b>
<b>LINE ITEM NUMBER</b>	<b>203-203.00-864.183</b>

**BACKGROUND INFORMATION:**

Each year, the City of Novi selects residential streets for reconstruction, repaving, repair, and/or rehabilitation based on PASER ratings, staff's field observations and resident concerns. Spalding DeDecker, engineering consultants to the City of Novi, helped develop a list of streets for the 2017 Neighborhood Road Program (NRP). The base bid includes eight streets originally chosen as candidates for the program. These roads include Buckingham Court, Buckminster Drive, Chattman Street, Ennishore Drive, Greening Drive, Hampton Hill Road, Lochmoor Lane and Petros Boulevard.

A total of 5 bids were received and opened on April 12, 2017 following a public bid solicitation period. The lowest bidder was Florence Cement Company. Florence's bid is being recommended as being in the best interest of the City as it is responsive (i.e., Florence has complied with all requirements of the bidding instructions) and it is the lowest price. (Spalding DeDecker's award recommendation letter including the bid tabulation is attached). A summary of the 5 bids are as follows:

<b>Contractor</b>	<b>Base Bid (including Crew Days)*</b>
Florence Cement Co	\$ 1,009,034.93
Proline Asphalt Paving	\$ 1,041,709.50
Cadillac Asphalt	\$ 1,049,672.02
Ajax Paving	\$ 1,187,991.98
Nagle Paving Company	\$ 1,226,443.25

\*Crew Days are included to compare bids, but are not included in the award.

It is anticipated that this project will be substantially complete by August 1<sup>st</sup>, 2017 with final completion and restoration in the summer of 2017.

Due to budgetary constraints, a couple of adjustments are recommended to reduce the proposed work by \$339,012.14. Spalding DeDecker and the City of Novi staff decided that since the bids came in higher than the engineer's estimate that two program candidates would have to be eliminated from the 2017 NRP and one segment considerably shortened. The two candidates being removed from the 2017 NRP are Greening Drive and Ennishore Drive. It was determined that both roads will be reconsidered for the 2018 NRP but especially Greening Drive which may require substantial reconstruction that cannot be afforded this fiscal year. The other candidate, Lochmoor Lane was shortened up to include only the approach this year and the additional length of repair will be re-evaluated next year.

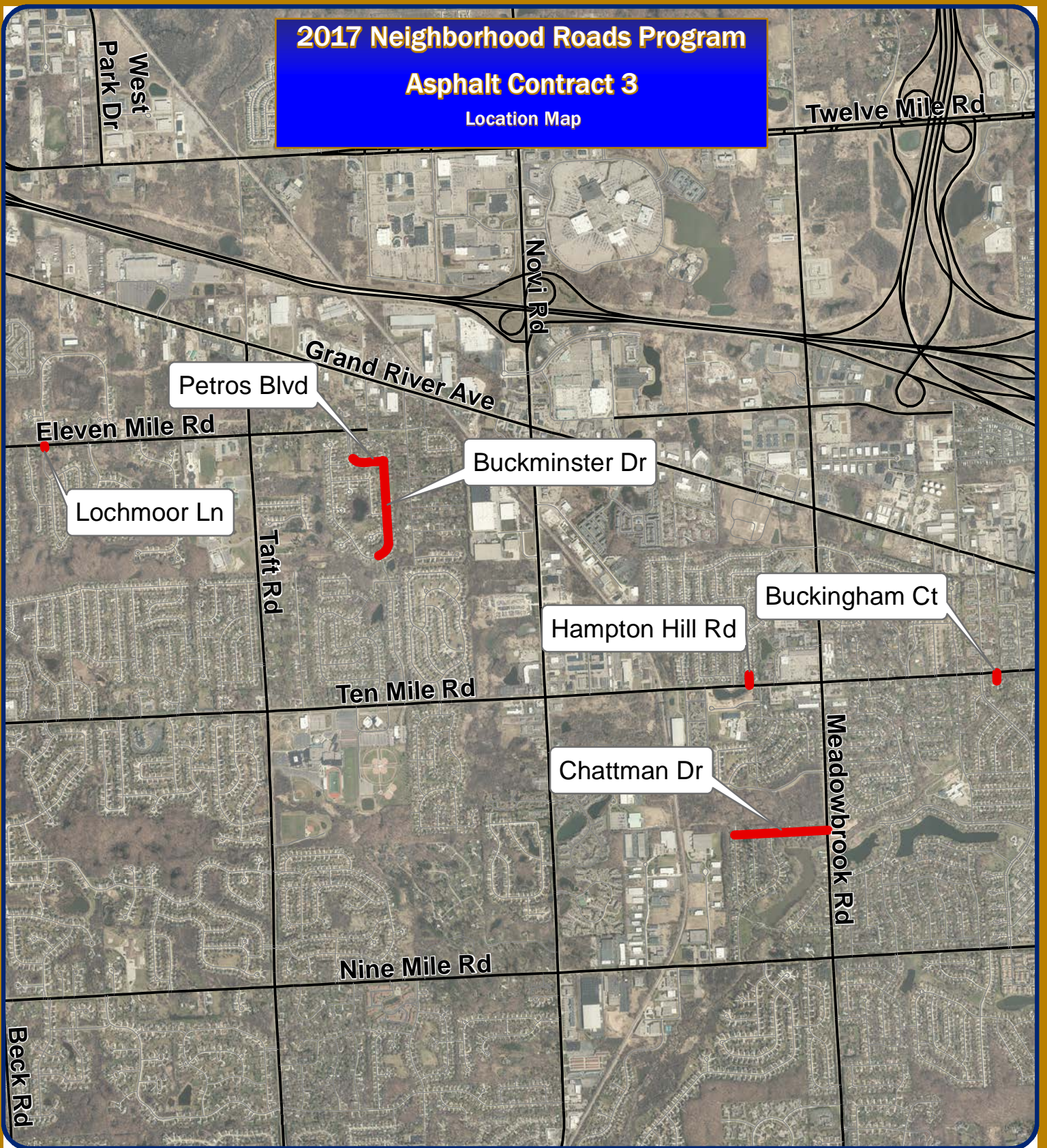
**RECOMMENDED ACTION:** Approval to award a construction contract for the 2017 Neighborhood Roads Program-Asphalt (Contract 3) project to Florence Cement Company, the low-bidder, in the amount of \$629,062.79, subject to final review and approval of the form and agreement by the City Manager's office and the City Attorney.



# 2017 Neighborhood Roads Program

## Asphalt Contract 3

Location Map



Map Author: J. Mathias  
Date: 4/17/17

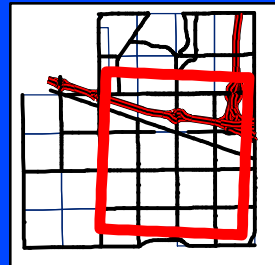
Amended By:  
Date:  
Department:

#### 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



### City of Novi

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

0 500 1,000 2,000 3,000  
Feet

1 inch = 2,500 feet





April 17, 2017

Mr. George Melistas, Engineering Manager  
City of Novi  
26300 Lee BeGole Drive  
Novi, Michigan 48375

Re: **Recommendation for Award**  
2017 Neighborhood Roads Program – Asphalt (Contract 3)  
SDA Project No.: NV17005

Dear Mr. Melistas:

On April 12, 2017 at 2:00 p.m., construction bids were opened and publicly read at the City of Novi Civic Center for the 2017 Neighborhood Roads Program – Asphalt (Contract 3). The project includes milling and overlay of asphalt roads within subdivisions, adjacent concrete ADA ramp improvements, and structure rehabilitation within the road improvement limits.

The City Clerk's office received five (5) sealed bids for this project, with each bidder considered to be responsive having submitted a bid compliant with all requirements. The apparent low bidder, Florence Cement Company, submitted a total bid of \$1,009,034.93. Following the bid opening, Spalding DeDecker reviewed all of the bids received, verified the calculations, and prepared the bid tabulation for the project (attached).

Based on a review of experience and references provided, Spalding DeDecker finds that Florence Cement Company is qualified to perform the required construction.

Due to budgetary constraints, it is recommended to reduce the proposed amount of work by \$339,012.14, resulting in a revised total bid amount of \$670,022.79.

**It is our recommendation that the project be awarded to the low bidder, Florence Cement Company, for the 2017 Neighborhood Roads Program – Asphalt (Contract 3) in the amount of \$629,062.79, which is the total bid of \$1,009,034.93 less the reduced work amount of \$339,012.14 minus \$40,960.00 for crew days bid.**

Upon award by the City Council, our office will coordinate the completion of the Contract Agreement, Bonds, and Insurance information with Florence Cement Company.

Very Truly Yours,  
**SPALDING DEDECKER**



Cheryl L. Gregory, PE  
Vice President

Encl: Bid Tabulation

**BID TABULATION - 2017 NEIGHBORHOOD ROADS PROGRAM - ASPHALT (CONTRACT 3)**

**CITY OF NOVI**

5 Bids received, opened 4/12/17

Project No. NV17005

By: BLA

Reviewed: CLG

BASE BID				Florence Cement Co.		Pro-Line Asphalt Paving		Cadillac Asphalt	
No		QUANTITY	UNIT	UNIT PRICE (\$)	AMOUNT (\$)	UNIT PRICE (\$)	AMOUNT (\$)	UNIT PRICE (\$)	AMOUNT (\$)
1	Bonds, Insurance and Mobilization (5% Max)	1	LS	\$50,000.00	50,000.00	\$50,000.00	50,000.00	\$26,000.00	26,000.00
2	Pre-Construction Audio Video	1	LS	\$3,000.00	3,000.00	\$2,550.00	2,550.00	\$2,550.00	2,550.00
3	Soil Erosion Control Measures	1	LS	\$2,500.00	2,500.00	\$2,500.00	2,500.00	\$4,500.00	4,500.00
4	Maintaining Traffic	1	LS	\$30,000.00	30,000.00	\$30,000.00	30,000.00	\$19,850.00	19,850.00
5	Tree Protection Fencing	100	LF	\$4.00	400.00	\$4.00	400.00	\$10.00	1,000.00
6	Sidewalk, Remove	4,184	SF	\$1.60	6,694.40	\$1.00	4,184.00	\$2.00	8,368.00
7	Joint and Crack Cleanout & Repair	5,700	LF	\$6.00	34,200.00	\$7.00	39,900.00	\$10.20	58,140.00
8	HMA Surface Repair	6,122	SY	\$22.90	140,193.80	\$10.00	61,220.00	\$5.50	33,671.00
9	Pavement, Remove	220	SY	\$14.00	3,080.00	\$22.00	4,840.00	\$11.00	2,420.00
10	HMA Driveway, Remove	231	SY	\$12.00	2,772.00	\$13.00	3,003.00	\$9.00	2,079.00
11	Cold Milling HMA Surface	24,543	SY	\$1.80	44,177.40	\$5.50	134,986.50	\$2.66	65,284.38
12	Curb and Gutter, Conc, Remove	4,366	LF	\$10.40	45,406.40	\$11.00	48,026.00	\$14.00	61,124.00
13	Subgrade Undercut (As Needed)	100	CY	\$60.00	6,000.00	\$50.00	5,000.00	\$43.00	4,300.00
14	Aggregate Base, 6 inch, Limestone	410	SY	\$10.00	4,100.00	\$25.00	10,250.00	\$9.00	3,690.00
15	Aggregate Base	50	TON	\$25.00	1,250.00	\$50.00	2,500.00	\$27.00	1,350.00
16	Aggregate Base, 8 inch	1,000	SY	\$15.00	15,000.00	\$17.00	17,000.00	\$9.50	9,500.00
17	Underdrain, 6 inch, w/Geotextile Trench Wrap	300	LF	\$14.00	4,200.00	\$16.00	4,800.00	\$18.00	5,400.00
18	Culv, CI F, CSP, 12 inch	210	LF	\$40.00	8,400.00	\$29.00	6,090.00	\$45.00	9,450.00
19	Culv End Sect, Metal, 12 inch	14	EA	\$83.00	1,162.00	\$120.00	1,680.00	\$170.00	2,380.00
20	Driveway, Nonreinf Conc, 6 inch	351	SY	\$42.04	14,756.04	\$41.00	14,391.00	\$48.00	16,848.00
21	Curb and Gutter, Conc, Modified	4,134	LF	\$20.12	83,176.08	\$21.00	86,814.00	\$18.00	74,412.00
22	HMA, 3C	1,482	TON	\$74.00	109,668.00	\$65.00	96,330.00	\$123.20	182,582.40
23	HMA, 5E1	3,023	TON	\$92.00	278,116.00	\$88.00	266,024.00	\$105.88	320,075.24
24	ADA Ramp, Conc, 6 inch	3,691	SF	\$5.91	21,813.81	\$5.00	18,455.00	\$8.00	29,528.00
25	ADA Detectable Warning Plate	374	SF	\$13.50	5,049.00	\$16.50	6,171.00	\$40.00	14,960.00
26	Str Rehab Type 1: Point-Up Structure	7	EA	\$205.00	1,435.00	\$250.00	1,750.00	\$450.00	3,150.00
27	Str Rehab Type 2: Structure Cover Adjust	31	EA	\$465.00	14,415.00	\$1,095.00	33,945.00	\$575.00	17,825.00
28	Str Rehab Type 3: Reconstruct Structure	4	EA	\$1,350.00	5,400.00	\$1,495.00	5,980.00	\$900.00	3,600.00

BASE BID				Florence Cement Co.		Pro-Line Asphalt Paving		Cadillac Asphalt	
No		QUANTITY	UNIT	UNIT PRICE (\$)	AMOUNT (\$)	UNIT PRICE (\$)	AMOUNT (\$)	UNIT PRICE (\$)	AMOUNT (\$)
29	Structure Cover, Type A	15	EA	\$550.00	8,250.00	\$500.00	7,500.00	\$525.00	7,875.00
30	Structure Cover, Type C	2	EA	\$450.00	900.00	\$450.00	900.00	\$425.00	850.00
31	Structure Cover, Type D	2	EA	\$450.00	900.00	\$450.00	900.00	\$425.00	850.00
32	Structure Cover, Type WM	2	EA	\$450.00	900.00	\$450.00	900.00	\$425.00	850.00
33	Structure Cover, Type SAN	6	EA	\$450.00	2,700.00	\$500.00	3,000.00	\$450.00	2,700.00
34	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	68	FT	\$15.00	1,020.00	\$15.00	1,020.00	\$15.00	1,020.00
35	Restoration	1	LS	\$6,100.00	6,100.00	\$20,000.00	20,000.00	\$14,950.00	14,950.00
36	Permits	700	DLR	\$1.00	700.00	\$1.00	700.00	\$1.00	700.00
37	Inspection Crew Days	\$640.00	DAY	80	51,200.00	75	48,000.00	56	35,840.00
<b>TOTAL</b>					<b>1,009,034.93</b>	<b>1,041,709.50</b>	<b>1,049,672.02</b>		

Other Bids Received: Ajax Paving                   \$1,187,991.98  
Nagle Paving Co.                                       \$1,226,443.25