



CITY of NOVI CITY COUNCIL

**Agenda Item 4
May 22, 2017**

SUBJECT: Approval to award a construction contract for the 2017 Neighborhood Roads Program- Concrete (Contract 2) project and the Concrete Panel Replacement Program project to Hard Rock Concrete, the low-bidder, in the amount of \$1,054,164.50, 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 G GDM

CITY MANAGER APPROVAL: 

EXPENDITURE REQUIRED	\$ 870,532.50 <u>\$ 183,632.00</u> \$ 1,054,164.50	NRP Contract 2 CPR Program
AMOUNT BUDGETED	\$ 382,000.00 \$ 0.00 \$ 950,000.00 \$ 1,000,000.00	NRP Contract 2 (FY 2016-2017) CPR Program (FY 2016-2017) NRP Contract 2 (FY 2017-2018) CPR Program (FY 2017-2018)
LINE ITEM NUMBER	203-203.00-864.182 203-203.00-864.182 203-203.00-985.002 210-211.00-985.002	FY 2016-17 \$382,000 NRP Contract 2 FY 2017-18 \$950,000 NRP Contract 2 FY 2017-18 \$450,000 CPR Program FY 2017-18 \$550,000 CPR Program

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 four streets originally chosen as candidates for the program. These roads include Wintergreen Circle, Chase Drive, Roscommon Drive and Glen Haven Circle. Also included in Contract 2 are Concrete Panel Repairs on nearby streets which include Argyle St, Ashbury Dr, Broquet Dr, Dundee Dr, Onaway Dr, Pellston Dr and Wheaton Lane.

A total of 6 bids were received and opened on April 26, 2017 following a public bid solicitation period. The lowest bidder was Hard Rock Concrete. Hard Rock Concrete's bid is being recommended as being in the best interest of the City as it is responsive (i.e., Hard Rock Concrete 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 bids are as follows:

Contractor	Base Bid (including Crew Days)*
Hard Rock Concrete	\$ 1,076,564.50
Cipparrone Contracting	\$ 1,100,049.20
Fiore Enterprises	\$ 1,127,781.75
Audia Concrete Const.	\$ 1,269,761.00
Florence Cement Co.	\$ 1,300,220.00
JB Contractors	\$ 1,382,021.65

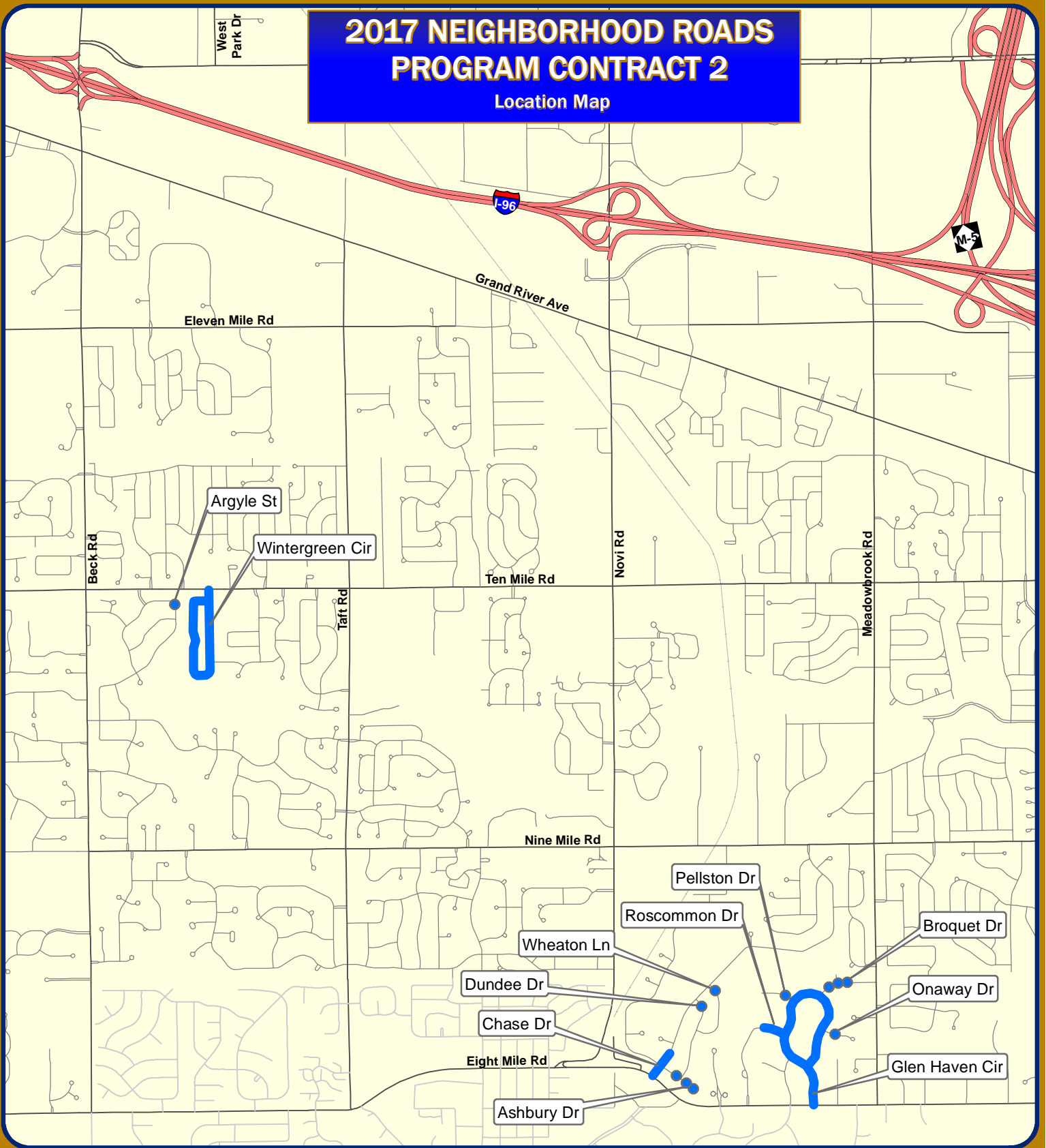
*Crew Days are included to compare bids, but are not included in the award.

It is anticipated that this project will be substantially complete in the summer of 2017 with final completion and restoration in the late summer of 2017.

RECOMMENDED ACTION: Approval to award a construction contract for the 2017 Neighborhood Roads Program-Concrete (Contract 2) project and the Concrete Panel Replacement Program project to Hard Rock Concrete, the low-bidder, in the amount of \$1,054,164.50, 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 CONTRACT 2

Location Map





Map Author: J. Mathias
Date: 4/20/17

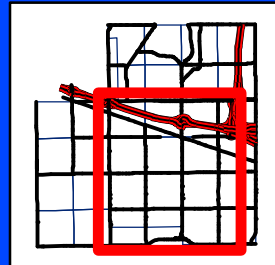
Amended By:
Date:
Department:

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.

Map Legend

-  Neighborhood Roads Program
-  Concrete Panel Program



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



1 inch = 2,645 feet



April 28, 2017

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

Re: **Recommendation for Award**
2017 Neighborhood Roads Program – Concrete (Contract 2)
SDA Project No.: NV17-005

Dear Mr. Melistas:

On April 26, 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 – Concrete (Contract 2). The project includes pavement repairs and reconstruction throughout the City of Novi.

The City Clerk's office received six (6) sealed bids for this project, with each bidder considered to be responsive having submitted a bid compliant with all requirements. The apparent low bidder, Hard Rock Concrete, Inc., submitted a total bid of \$1,076,564.50. 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 Hard Rock Concrete, Inc. is qualified to perform the required construction.

It is our recommendation that the project be awarded to the low bidder, Hard Rock Concrete, Inc., for the 2017 Neighborhood Roads Program – Concrete (Contract 2) in the amount of \$1,054,164.50, which is the total bid of \$1,076,564.50 minus \$22,400.00 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 Hard Rock Concrete, Inc.

Very Truly Yours,
SPALDING DEDECKER



Taylor Reynolds, PE
Senior Project Engineer

Encl: Bid Tabulation

BID TABULATION - 2017 NEIGHBORHOOD ROADS PROGRAM - CONCRETE

CITY OF NOVI

6 Bids received, opened 04/26/2017

Project No. NV17-005

By: BLA

Reviewed: CLG

BASE BID				Hard Rock Concrete, Inc		Cipparrone Contracting, Inc		Fiore Enterprises, LLC	
No		QUANTITY	UNIT	UNIT PRICE (\$)	AMOUNT (\$)	UNIT PRICE (\$)	AMOUNT (\$)	UNIT PRICE (\$)	AMOUNT (\$)
38	Bonds, Insurance and Mobilization (5% Max)	1	LS	\$ 35,000.00	\$ 35,000.00	\$32,000.00	32,000.00	\$30,000.00	30,000.00
39	Pre-Construction Audio Video	1	LS	\$ 3,000.00	\$ 3,000.00	\$4,000.00	4,000.00	\$2,600.00	2,600.00
40	Soil Erosion Control Measures	1	LS	\$ 3,000.00	\$ 3,000.00	\$8,000.00	8,000.00	\$5,000.00	5,000.00
41	Maintaining Traffic	1	LS	\$ 3,000.00	\$ 3,000.00	\$19,000.00	19,000.00	\$8,000.00	8,000.00
42	Tree Protection Fencing	100	LF	\$ 10.00	\$ 1,000.00	\$5.00	500.00	\$0.01	1.00
43	Sidewalk, Remove	6,651	SF	\$ 1.00	\$ 6,651.00	\$0.95	6,318.45	\$1.50	9,976.50
44	Pavement, Remove	8,831	SY	\$ 7.00	\$ 61,817.00	\$8.50	75,063.50	\$11.50	101,556.50
45	Pavement Repair, Remove, Modified	3,058	SY	\$ 7.00	\$ 21,406.00	\$20.00	61,160.00	\$16.00	48,928.00
46	Curb and Gutter, Conc, Remove	100	LF	\$ 10.00	\$ 1,000.00	\$7.50	750.00	\$15.00	1,500.00
47	HMA Driveway, Remove	150	SY	\$ 10.00	\$ 1,500.00	\$7.00	1,050.00	\$6.50	975.00
48	Subgrade Undercut (As Needed)	300	CY	\$ 25.00	\$ 7,500.00	\$20.00	6,000.00	\$40.00	12,000.00
49	Aggregate Base, 6 inch, Limestone	732	SY	\$ 8.50	\$ 6,222.00	\$11.00	8,052.00	\$12.00	8,784.00
50	Aggregate Base, 8 inch	8,751	SY	\$ 8.00	\$ 70,008.00	\$10.00	87,510.00	\$9.00	78,759.00
51	Underdrain, 6 inch, w/Geotextile Trench Wrap	5,700	LF	\$ 12.50	\$ 71,250.00	\$13.00	74,100.00	\$11.50	65,550.00
52	Conc Pavt with Integral Curb, Nonreinf, 9 inch, Modified	8,751	SY	\$ 49.50	\$ 433,174.50	\$45.25	395,982.75	\$47.50	415,672.50
53	Concrete Pavement Repair	3,058	SY	\$ 50.50	\$ 154,429.00	\$50.00	152,900.00	\$53.50	163,603.00
54	Driveway, Nonreinf Conc, 6 inch	80	SY	\$ 8.50	\$ 680.00	\$30.00	2,400.00	\$42.50	3,400.00
55	Lane Tie, Epoxy Anchored	1,532	EA	\$ 2.25	\$ 3,447.00	\$4.00	6,128.00	\$4.75	7,277.00
56	Resawing and Sealing Pavement Joints and Cracks, Modified	2,400	LF	\$ 1.75	\$ 4,200.00	\$0.75	1,800.00	\$0.82	1,968.00
57	Curb and Gutter, Conc, Modified	100	LF	\$ 20.00	\$ 2,000.00	\$16.00	1,600.00	\$20.00	2,000.00
58	HMA Approach	36	TON	\$ 40.00	\$ 1,440.00	\$150.00	5,400.00	\$250.00	9,000.00
59	ADA Ramp, Conc, 6 inch	6,590	SF	\$ 6.00	\$ 39,540.00	\$7.00	46,130.00	\$5.50	36,245.00
60	ADA Detectable Warning Plate	588	SF	\$ 20.00	\$ 11,760.00	\$16.00	9,408.00	\$20.00	11,760.00
61	Str Rehab Type 1: Point-Up Structure	4	EA	\$ 150.00	\$ 600.00	\$250.00	1,000.00	\$150.00	600.00
62	Str Rehab Type 2: Structure Cover Adjust	45	EA	\$ 250.00	\$ 11,250.00	\$400.00	18,000.00	\$300.00	13,500.00
63	Str Rehab Type 3: Reconstruct Structure	16	EA	\$ 1,500.00	\$ 24,000.00	\$650.00	10,400.00	\$375.00	6,000.00
64	Structure Cover, Type A	52	EA	\$ 450.00	\$ 23,400.00	\$425.00	22,100.00	\$565.00	29,380.00
65	Structure Cover, Type B	3	EA	\$ 450.00	\$ 1,350.00	\$425.00	1,275.00	\$556.00	1,668.00
66	Structure Cover, Type C	0	EA		\$ -		-		-
67	Structure Cover, Type D	1	EA	\$ 450.00	\$ 450.00	\$325.00	325.00	\$425.00	425.00
68	Structure Cover, Type WM	1	EA	\$ 450.00	\$ 450.00	\$325.00	325.00	\$425.00	425.00
69	Structure Cover, Type SAN	4	EA	\$ 450.00	\$ 1,800.00	\$375.00	1,500.00	\$460.00	1,840.00
70	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	67	LF	\$ 20.00	\$ 1,340.00	\$14.50	971.50	\$14.75	988.25
71	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	0	LF		\$ -		-		-
72	Restoration	1	LS	\$ 45,000.00	\$ 45,000.00	\$15,000.00	15,000.00	\$8,500.00	8,500.00
73	Permits	1,500	DLR	\$ 1.00	\$ 1,500.00	\$1.00	1,500.00	\$1.00	1,500.00
74	Inspection Crew Days	\$640.00	DAY	35	\$ 22,400.00	35	22,400.00	60	38,400.00
SUB-TOTAL CONTRACT 2 IMPROVEMENTS				**	\$1,076,564.50		\$1,100,049.20		\$1,127,781.75

Other Bids Received: Audia Concrete Const. Inc \$1,269,761.00

Florence Cement Company \$1,300,220.00

** JB Contractors, Inc \$1,382,021.65

** As-Read Bid Total Contained a summary error and has been adjusted accordingly.