



CITY of NOVI CITY COUNCIL

Agenda Item 10
May 21, 2018

SUBJECT: Approval to award the construction contract for 2018 and 2019 Concrete Neighborhood Roads Program to Mattioli Cement Company LLC, the low-bidder, in the amount of \$2,079,091.00.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division

CITY MANAGER APPROVAL:

EXPENDITURE REQUIRED	\$ 1,018,404.50 NRP 2018- Concrete <u>\$ 1,060,686.50</u> NRP 2019 - Concrete \$ 2,079,091.00 Total
AMOUNT BUDGETED	\$ 300,000 NRP 2018- Concrete (FY 2017-18) <u>\$ 1,100,000</u> NRP 2018- Concrete (FY 2018-19) \$ 1,400,000 Subtotal \$ 200,000 NRP 2019- Concrete (FY 2018-19) <u>\$ 1,800,000</u> NRP 2019- Concrete (FY 2019-20) \$ 2,000,000 Subtotal \$ 3,400,000 Total
APPROPRIATION REQUIRED	N/A
LINE ITEM NUMBER	203-203.00-864.191 (102-01 NRP 2018 - Concrete) 203-203.00-864.201 (102-01 NRP 2019 - Concrete)

BACKGROUND INFORMATION:

AECOM, engineering consultants to the City, helped develop a list of streets for the 2018 and 2019 Neighborhood Roads Program (NRP). The program is further divided into two contracts with one focusing on concrete roads and other one focusing on asphalt roads. The program was advertised for a two-year contract to capture unit prices and lower the logistical costs of bidding and design. This process allows the City flexibility with regards to the scheduling of different project areas. The Neighborhood Roads Program work includes concrete rehabilitation and reconstruction of local roadways in an effort to preserve the longevity of the existing roadways. The 2019 selected roads are planned to be constructed in 2019.

The roads selected for 2018 Concrete Neighborhood Roads Program are South Lake Drive, Sterling Drive, Serenity Drive, North Hills Court, Darcey Court, and Broadmoor Park Boulevard.

The roads that were selected for the 2019 Concrete Neighborhood Roads Program are Rossdale Court, Woodside Court, Addington Lane, Cheyenne Drive, and Cody Lane.

AECOM assisted the Engineering Division with developing the engineering design plans for this project. The plans were advertised for public bids on April 26, 2018. Ten (10) bids were received and opened on May 9, 2018 following the solicitation period. Mattioli Cement Company's bid is recommended in the best interest of the City, as it is responsive and complies with all of the requirements of the bidding instructions. The award recommendation letter including the bid tabulation is attached. A summary of the bid tabulation is as follows:

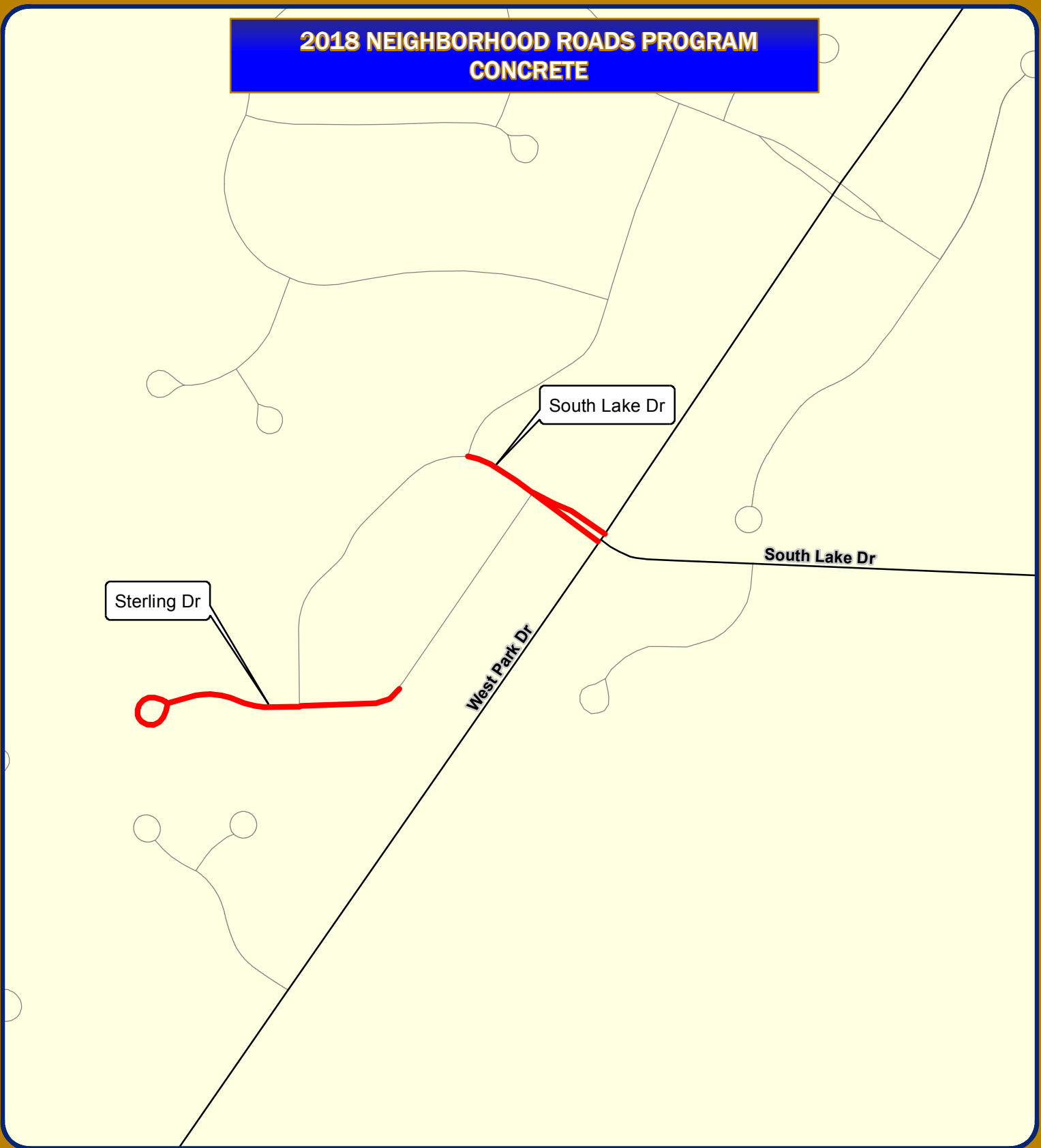
Contractor	Base Bid (including Crew Days)*
Mattioli Cement Co.	\$ 2,190,391.00
Great Lakes Contracting Solution	\$ 2,296,251.20
HMC LLC	\$ 2,323,632.00
L. Anthony Construction	\$ 2,440,529.60
Mark Anthony Contracting	\$ 2,459,784.11
Hard Rock Concrete	\$ 2,485,143.00
Koala-T Construction	\$ 2,546,379.80
JB Contractors	\$ 2,603,881.35
G.V. Cement Contracting Co.	\$ 3,177,048.50
Audia Concrete	\$ 3,724,114.00

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

The construction engineering services award associated with this project is proposed elsewhere on this agenda. The 2018 selected roads will be substantially complete by fall 2018. The 2019 selected roads will be substantially complete by fall 2019.

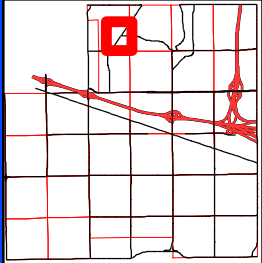
RECOMMENDED ACTION: Approval to award the construction contract for 2018 and 2019 Concrete Neighborhood Roads Program to Mattioli Cement Company LLC, the low-bidder, in the amount of \$2,079,091.00.

2018 NEIGHBORHOOD ROADS PROGRAM CONCRETE



Map Author: Joseph Akers
 Date: May 10, 2018
 Project: 2018 Road Construction
 Version #: 1.3

Legend
 2018 Neighborhood Roads - Concrete



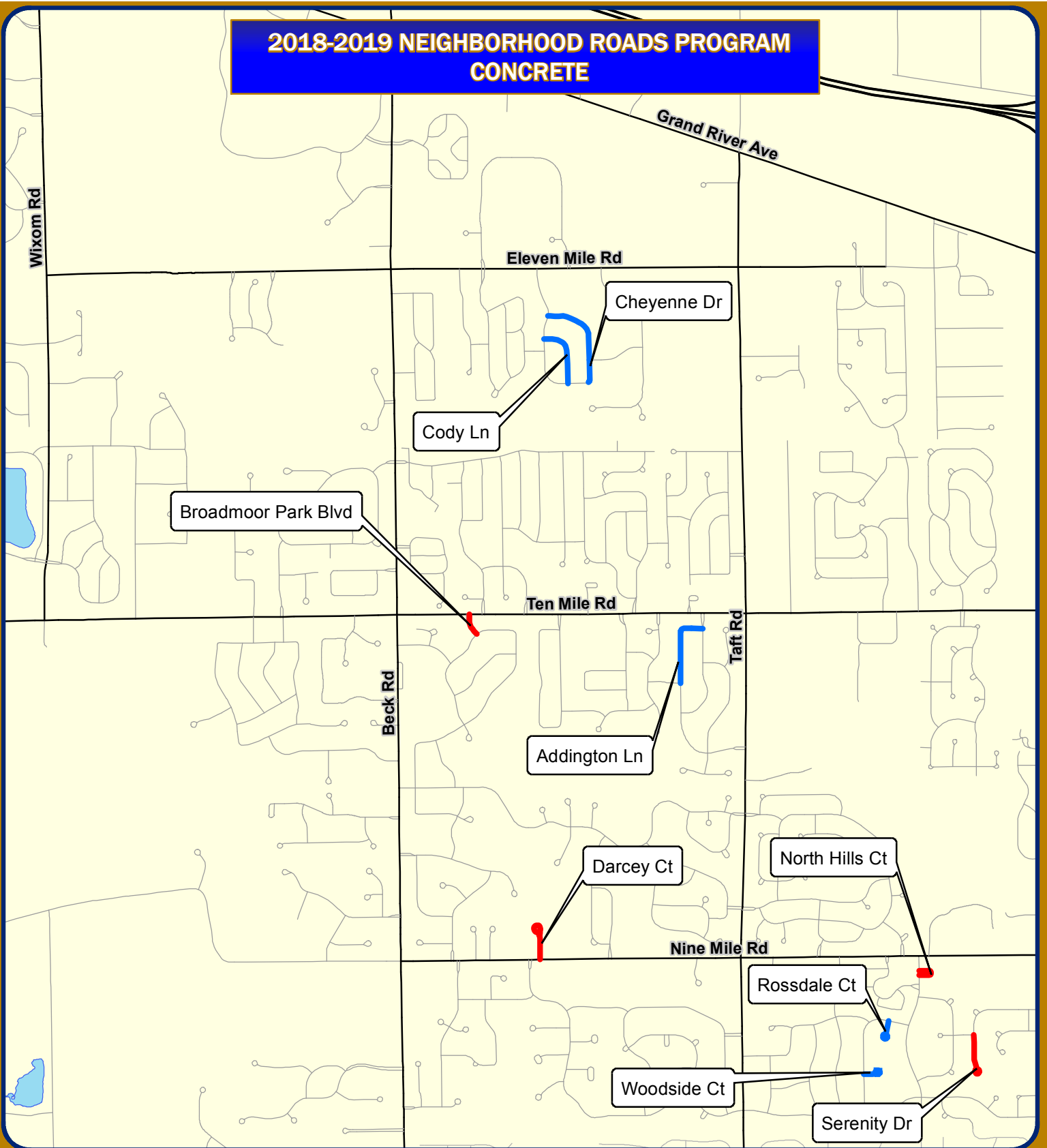
City of Novi
 Engineering Division
 Department of Public Services
 26300 Lee BeGole Drive
 Novi, MI 48375
cityofnovi.org

Feet
 0 85 170 340 510
 1 inch = 412 feet



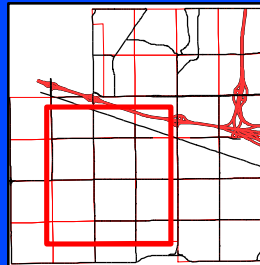
MAP INTERPRETATION NOTICE
 Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and 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.

2018-2019 NEIGHBORHOOD ROADS PROGRAM CONCRETE



Map Author: Joseph Akers
Date: May 10, 2018
Project: 2018 Road Construction
Version #: 1.3

- Legend**
- 2018 Neighborhood Roads - Concrete
 - 2019 Neighborhood Roads - Concrete



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



1 inch = 2,000 feet



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.



May 10, 2018

Mr. Joseph Akers
City of Novi
Engineering Department
26300 Lee BeGole Dr
Novi, MI 48375

Reference: Bid Analysis and Contract Award Recommendation
2018-2019 Concrete Neighborhood Roads Program
AECOM Project Number 60568693

Dear Mr. Akers:

Attached is the Bid Tabulation for the above referenced project. Ten bids were received and opened. This bid is under the latest Engineer's Estimate. The following irregularities were noted in the bids:

The bid for HMC LLC was written in pencil. L. Anthony Construction and Koala-T Construction did not submit a Bidder's Qualification and Experience Statement. L. Anthony Construction did not acknowledge Addendum 1.

There were no errors in the low bid estimate.

The other bids also had minor arithmetic errors and different unit prices in the 2018 Bids and 2019 Bids. These errors did not affect the outcome of the bidding.

Mattioli Cement Co., the low bidder, has successfully completed similar projects for the City of Novi and City of Fraser. The bonding company listed in the Statement of Qualifications has an AM Best rating that exceeds the minimum requirements.

We recommend award of the 2018 Concrete Neighborhood Roads Program and 2019 Concrete Neighborhood Roads Program contract to Mattioli Cement Co. for the Bid Amount, excluding crew day costs, of \$2,079,091.00.

Please feel free to contact me if you need anything else or wish to discuss the project.

Sincerely,

Sean Kelsch, P.E.
Project Manager

cc: George Melistas, City of Novi
Mark Koskinen, AECOM

**City of Novi
2018 Concrete NRP
Full Reconstruction
Bid Tabulation
5/10/2018**

Item No.	Item Description	Unit	Total 2018 Quantity	Total 2019 Quantity	Engineer's Estimate				Mattioli Cement Co			
					Unit Price (\$)	Total 2018 Cost (\$)	Total 2019 Cost (\$)	Total 2018 + 2019 Cost (\$)	Unit Price (\$)	Total 2018 Cost (\$)	Total 2019 Cost (\$)	Total 2018 + 2019 Cost (\$)
1	Mobilization (10%)	LS	1	1	\$ 117,167.60	\$ 117,167.60	\$ 122,802.90	\$ 239,970.50	\$ 29,000.00	\$ 29,000.00	\$ 31,000.00	\$ 60,000.00
2	Pre-Construction Audio-Visual	LS	1	1	\$ 3,000.00	\$ 3,000.00	\$ 2,500.00	\$ 5,500.00	\$ 1,600.00	\$ 1,600.00	\$ 1,800.00	\$ 3,400.00
3	Pavt, Rem	Syd	13,789	14,340	\$ 7.00	\$ 96,523.00	\$ 100,380.00	\$ 196,903.00	\$ 10.00	\$ 137,890.00	\$ 143,400.00	\$ 281,290.00
4	Undercut, Special, 1x3	Cyd	480	425	\$ 45.00	\$ 21,600.00	\$ 19,125.00	\$ 40,725.00	\$ 25.00	\$ 12,000.00	\$ 10,625.00	\$ 22,625.00
5	Roadway Grading	Sta	27.9	38.7	\$ 3,000.00	\$ 83,700.00	\$ 116,100.00	\$ 199,800.00	\$ 800.00	\$ 22,320.00	\$ 30,960.00	\$ 53,280.00
6	Silt Fence	Ft	800	600	\$ 2.00	\$ 1,600.00	\$ 1,200.00	\$ 2,800.00	\$ 0.25	\$ 200.00	\$ 150.00	\$ 350.00
7	Curb and Gutter Inlet Filter	Ea	19	23	\$ 250.00	\$ 4,750.00	\$ 5,750.00	\$ 10,500.00	\$ 110.00	\$ 2,090.00	\$ 2,530.00	\$ 4,620.00
8	Conc Pavt with Integral Curb, Nonreinf, 8 inch	Syd	13,313	14,069	\$ 47.00	\$ 625,711.00	\$ 661,243.00	\$ 1,286,954.00	\$ 40.00	\$ 532,520.00	\$ 562,760.00	\$ 1,095,280.00
9	Sidewalk, Rem	Syd	249	166	\$ 10.00	\$ 2,490.00	\$ 1,660.00	\$ 4,150.00	\$ 9.00	\$ 2,241.00	\$ 1,494.00	\$ 3,735.00
10	Sidewalk Ramp, Conc, 6 inch	Sft	2,308	1,570	\$ 9.50	\$ 21,926.00	\$ 14,915.00	\$ 36,841.00	\$ 6.00	\$ 13,848.00	\$ 9,420.00	\$ 23,268.00
11	Aggregate Base, 21AA Limestone, 6 inch	Syd	14,495	14,965	\$ 10.00	\$ 144,950.00	\$ 149,650.00	\$ 294,600.00	\$ 9.00	\$ 130,455.00	\$ 134,685.00	\$ 265,140.00
12	Detectable Warning Surface	Ft	95	60	\$ 40.00	\$ 3,800.00	\$ 2,400.00	\$ 6,200.00	\$ 40.00	\$ 3,800.00	\$ 2,400.00	\$ 6,200.00
13	Dr Structure, Rem	Ea	1	1	\$ 400.00	\$ 400.00	\$ 400.00	\$ 800.00	\$ 100.00	\$ 100.00	\$ 100.00	\$ 200.00
14	Dr Structure, 24 inch dia	Ea	1	1	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 2,400.00	\$ 1,800.00	\$ 1,800.00	\$ 1,800.00	\$ 3,600.00
15	Dr Structure Cover, Type J	Ea	1	1	\$ 750.00	\$ 750.00	\$ 750.00	\$ 1,500.00	\$ 596.00	\$ 596.00	\$ 596.00	\$ 1,192.00
16	Dr Structure Cover, Adj, Case 1	Ea	16	15	\$ 450.00	\$ 7,200.00	\$ 6,750.00	\$ 13,950.00	\$ 380.00	\$ 6,080.00	\$ 5,700.00	\$ 11,780.00
17	Point-Up Drainage Structure	Ea	16	15	\$ 200.00	\$ 3,200.00	\$ 3,000.00	\$ 6,200.00	\$ 10.00	\$ 160.00	\$ 150.00	\$ 310.00
18	Reconstruct Drainage Structure	Ft	8	10	\$ 200.00	\$ 1,600.00	\$ 2,000.00	\$ 3,600.00	\$ 200.00	\$ 1,600.00	\$ 2,000.00	\$ 3,600.00
19	Underdrain, Subgrade, Open-Graded, 6 inch	Ft	6,333	7,273	\$ 12.00	\$ 75,996.00	\$ 87,276.00	\$ 163,272.00	\$ 12.50	\$ 79,162.50	\$ 90,912.50	\$ 170,075.00
20	Dr Structure Tap, 6 inch	Ea	26	30	\$ 250.00	\$ 6,500.00	\$ 7,500.00	\$ 14,000.00	\$ 70.00	\$ 1,820.00	\$ 2,100.00	\$ 3,920.00
21	Sign, Type IIIB, R1-1	Sft	19	25	\$ 20.00	\$ 380.00	\$ 500.00	\$ 880.00	\$ 20.00	\$ 380.00	\$ 500.00	\$ 880.00
22	Sign, Type IIIB, R1-2	Sft	-	9	\$ 20.00	\$ -	\$ 180.00	\$ 180.00	\$ 30.00	\$ -	\$ 270.00	\$ 270.00
23	Concrete Driveway	Syd	523	271	\$ 50.00	\$ 26,150.00	\$ 13,550.00	\$ 39,700.00	\$ 54.00	\$ 28,242.00	\$ 14,634.00	\$ 42,876.00
24	Permanent Pavement Markings	LS	1	1	\$ 4,000.00	\$ 4,000.00	\$ 2,500.00	\$ 6,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,700.00	\$ 5,200.00
25	Maintaining Traffic	LS	1	1	\$ 21,250.00	\$ 21,250.00	\$ 17,000.00	\$ 38,250.00	\$ 7,900.00	\$ 7,900.00	\$ 7,900.00	\$ 15,800.00
26	Surface Restoration	LS	1	1	\$ 13,000.00	\$ 13,000.00	\$ 10,500.00	\$ 23,500.00	\$ 100.00	\$ 100.00	\$ 100.00	\$ 200.00
27	Crew Days	Day			\$ 700.00		\$ -	\$ -		\$ 54,600.00	\$ 56,700.00	\$ 111,300.00
					Total Cost	\$ 1,288,843.60	\$ 1,350,831.90	\$ 2,639,675.50	Total Cost	\$ 1,073,004.50	\$ 1,117,386.50	\$ 2,190,391.00

Minus Crew Days **\$ 2,079,091.00**

\$ X,XXX.XX Indicates Corrected Entry and Total Cost* Indicates Corrected Total

Great Lakes Contracting Solutions				HMC LLC				L. Anthony Construction			
Unit Price (\$)	Total 2018 Cost (\$)	Total 2019 Cost (\$)	Total 2018 + 2019 Cost (\$)	Unit Price (\$)	Total 2018 Cost (\$)	Total 2019 Cost (\$)	Total 2018 + 2019 Cost (\$)	Unit Price (\$)	Total 2018 Cost (\$)	Total 2019 Cost (\$)	Total 2018 + 2019 Cost (\$)
\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 60,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 50,000.00	\$ 60,000.00	\$ 60,000.00	\$ 80,000.00	\$ 140,000.00
\$ 1,600.00	\$ 1,600.00	\$ 1,700.00	\$ 3,300.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 6,000.00	\$ 1,800.00	\$ 1,800.00	\$ 1,800.00	\$ 3,600.00
\$ 7.50	\$ 103,417.50	\$ 107,550.00	\$ 210,967.50	\$ 5.00	\$ 68,945.00	\$ 71,700.00	\$ 140,645.00	\$ 10.00	\$ 137,890.00	\$ 143,400.00	\$ 281,290.00
\$ 40.00	\$ 19,200.00	\$ 17,000.00	\$ 36,200.00	\$ 35.00	\$ 16,800.00	\$ 14,875.00	\$ 31,675.00	\$ 20.00	\$ 9,600.00	\$ 8,500.00	\$ 18,100.00
\$ 2,100.00	\$ 58,590.00	\$ 81,270.00	\$ 139,860.00	\$ 1,700.00	\$ 47,430.00	\$ 65,790.00	\$ 113,220.00	\$ 250.00	\$ 6,975.00	\$ 9,675.00	\$ 16,650.00
\$ 3.00	\$ 2,400.00	\$ 1,800.00	\$ 4,200.00	\$ 3.00	\$ 2,400.00	\$ 1,800.00	\$ 4,200.00	\$ 2.00	\$ 1,600.00	\$ 1,200.00	\$ 2,800.00
\$ 75.00	\$ 1,425.00	\$ 1,725.00	\$ 3,150.00	\$ 75.00	\$ 1,425.00	\$ 1,725.00	\$ 3,150.00	\$ 75.00	\$ 1,425.00	\$ 1,725.00	\$ 3,150.00
\$ 45.25	\$ 602,413.25	\$ 636,622.25	\$ 1,239,035.50	\$ 45.00	\$ 599,085.00	\$ 633,105.00	\$ 1,232,190.00	\$ 49.00	\$ 652,337.00	\$ 689,381.00	\$ 1,341,718.00
\$ 6.00	\$ 1,494.00	\$ 996.00	\$ 2,490.00	\$ 15.00	\$ 3,735.00	\$ 2,490.00	\$ 6,225.00	\$ 6.00	\$ 1,494.00	\$ 996.00	\$ 2,490.00
\$ 6.30	\$ 14,540.40	\$ 9,891.00	\$ 24,431.40	\$ 7.00	\$ 16,156.00	\$ 10,990.00	\$ 27,146.00	\$ 4.20	\$ 9,693.60	\$ 6,594.00	\$ 16,287.60
\$ 7.50	\$ 108,712.50	\$ 112,237.50	\$ 220,950.00	\$ 7.00	\$ 101,465.00	\$ 104,755.00	\$ 206,220.00	\$ 9.95	\$ 144,225.25	\$ 148,901.75	\$ 293,127.00
\$ 35.00	\$ 3,325.00	\$ 2,100.00	\$ 5,425.00	\$ 30.00	\$ 2,850.00	\$ 1,800.00	\$ 4,650.00	\$ 38.00	\$ 3,610.00	\$ 2,280.00	\$ 5,890.00
\$ 475.00	\$ 475.00	\$ 475.00	\$ 950.00	\$ 300.00	\$ 300.00	\$ 300.00	\$ 600.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 400.00
\$ 950.00	\$ 950.00	\$ 950.00	\$ 1,900.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 3,000.00	\$ 1,400.00	\$ 1,400.00	\$ 1,400.00	\$ 2,800.00
\$ 825.00	\$ 825.00	\$ 825.00	\$ 1,650.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 1,000.00
\$ 375.00	\$ 6,000.00	\$ 5,625.00	\$ 11,625.00	\$ 550.00	\$ 8,800.00	\$ 8,250.00	\$ 17,050.00	\$ 150.00	\$ 2,400.00	\$ 2,250.00	\$ 4,650.00
\$ 200.00	\$ 3,200.00	\$ 3,000.00	\$ 6,200.00	\$ 250.00	\$ 4,000.00	\$ 3,750.00	\$ 7,750.00	\$ 75.00	\$ 1,200.00	\$ 1,125.00	\$ 2,325.00
\$ 100.00	\$ 800.00	\$ 1,000.00	\$ 1,800.00	\$ 1,100.00	\$ 8,800.00	\$ 11,000.00	\$ 19,800.00	\$ 200.00	\$ 1,600.00	\$ 2,000.00	\$ 3,600.00
\$ 11.50	\$ 72,829.50	\$ 83,639.50	\$ 156,469.00	\$ 11.00	\$ 69,663.00	\$ 80,003.00	\$ 149,666.00	\$ 12.00	\$ 75,996.00	\$ 87,276.00	\$ 163,272.00
\$ 100.00	\$ 2,600.00	\$ 3,000.00	\$ 5,600.00	\$ 300.00	\$ 7,800.00	\$ 9,000.00	\$ 16,800.00	\$ 50.00	\$ 1,300.00	\$ 1,500.00	\$ 2,800.00
\$ 50.00	\$ 950.00	\$ 1,250.00	\$ 2,200.00	\$ 55.00	\$ 1,045.00	\$ 1,375.00	\$ 2,420.00	\$ 50.00	\$ 950.00	\$ 1,250.00	\$ 2,200.00
\$ 50.00	\$ -	\$ 450.00	\$ 450.00	\$ 55.00	\$ -	\$ 495.00	\$ 495.00	\$ 50.00	\$ -	\$ 450.00	\$ 450.00
\$ 43.70	\$ 22,855.10	\$ 11,842.70	\$ 34,697.80	\$ 45.00	\$ 23,535.00	\$ 12,195.00	\$ 35,730.00	\$ 45.00	\$ 23,535.00	\$ 12,195.00	\$ 35,730.00
\$ 2,500.00	\$ 2,500.00	\$ 3,000.00	\$ 5,500.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 8,000.00	\$ 100.00	\$ 100.00	\$ 100.00	\$ 200.00
\$ 14,700.00	\$ 14,700.00	\$ 17,500.00	\$ 32,200.00	\$ 32,000.00	\$ 32,000.00	\$ 32,000.00	\$ 64,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00
\$ 8,500.00	\$ 8,500.00	\$ 10,000.00	\$ 18,500.00	\$ 65.00	\$ 40,000.00	\$ 40,000.00	\$ 80,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00
	\$ 31,500.00	\$ 35,000.00	\$ 66,500.00		\$ 45,500.00	\$ 45,500.00	\$ 91,000.00		\$ 28,000.00	\$ 28,000.00	\$ 56,000.00
Total Cost*	\$ 1,115,802.25	\$ 1,180,448.95	\$ 2,296,251.20	Total Cost*	\$ 1,136,234.00	\$ 1,187,398.00	\$ 2,323,632.00	Total Cost*	\$ 1,187,830.85	\$ 1,252,698.75	\$ 2,440,529.60

Mark Anthony Contracting				Hard Rock Concrete				Koala-T Construction			
Unit Price (\$)	Total 2018 Cost (\$)	Total 2019 Cost (\$)	Total 2018 + 2019 Cost (\$)	Unit Price (\$)	Total 2018 Cost (\$)	Total 2019 Cost (\$)	Total 2018 + 2019 Cost (\$)	Unit Price (\$)	Total 2018 Cost (\$)	Total 2019 Cost (\$)	Total 2018 + 2019 Cost (\$)
\$ 22,000.00	\$ 22,000.00	\$ 23,100.00	\$ 45,100.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 60,000.00	\$ 24,900.00	\$ 24,900.00	\$ 38,500.00	\$ 63,400.00
\$ 1,760.00	\$ 1,760.00	\$ 1,955.00	\$ 3,715.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 5,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 6,000.00
\$ 8.13	\$ 112,104.57	\$ 116,584.20	\$ 228,688.77	\$ 7.00	\$ 96,523.00	\$ 100,380.00	\$ 196,903.00	\$ 8.00	\$ 110,312.00	\$ 114,720.00	\$ 225,032.00
\$ 65.23	\$ 31,310.40	\$ 27,722.75	\$ 59,033.15	\$ 33.00	\$ 15,840.00	\$ 14,025.00	\$ 29,865.00	\$ 28.00	\$ 13,440.00	\$ 11,900.00	\$ 25,340.00
\$ 2,574.00	\$ 71,814.60	\$ 99,613.80	\$ 171,428.40	\$ 900.00	\$ 25,110.00	\$ 34,830.00	\$ 59,940.00	\$ 2,250.00	\$ 62,775.00	\$ 87,075.00	\$ 149,850.00
\$ 1.93	\$ 1,544.00	\$ 1,158.00	\$ 2,702.00	\$ 3.00	\$ 2,400.00	\$ 1,800.00	\$ 4,200.00	\$ 2.00	\$ 1,600.00	\$ 1,200.00	\$ 2,800.00
\$ 82.50	\$ 1,567.50	\$ 1,897.50	\$ 3,465.00	\$ 150.00	\$ 2,850.00	\$ 3,450.00	\$ 6,300.00	\$ 100.00	\$ 1,900.00	\$ 2,300.00	\$ 4,200.00
\$ 47.63	\$ 634,098.19	\$ 670,106.47	\$ 1,304,204.66	\$ 49.50	\$ 658,993.50	\$ 696,415.50	\$ 1,355,409.00	\$ 50.90	\$ 677,631.70	\$ 716,112.10	\$ 1,393,743.80
\$ 7.70	\$ 1,917.30	\$ 1,278.20	\$ 3,195.50	\$ 7.00	\$ 1,743.00	\$ 1,162.00	\$ 2,905.00	\$ 9.00	\$ 2,241.00	\$ 1,494.00	\$ 3,735.00
\$ 6.60	\$ 15,232.80	\$ 10,362.00	\$ 25,594.80	\$ 6.50	\$ 15,002.00	\$ 10,205.00	\$ 25,207.00	\$ 6.00	\$ 13,848.00	\$ 9,420.00	\$ 23,268.00
\$ 8.76	\$ 126,976.20	\$ 131,093.40	\$ 258,069.60	\$ 9.00	\$ 130,455.00	\$ 134,685.00	\$ 265,140.00	\$ 7.50	\$ 108,712.50	\$ 112,237.50	\$ 220,950.00
\$ 38.50	\$ 3,657.50	\$ 2,310.00	\$ 5,967.50	\$ 40.00	\$ 3,800.00	\$ 2,400.00	\$ 6,200.00	\$ 30.00	\$ 2,850.00	\$ 1,800.00	\$ 4,650.00
\$ 715.00	\$ 715.00	\$ 715.00	\$ 1,430.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00
\$ 1,650.00	\$ 1,650.00	\$ 1,650.00	\$ 3,300.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 6,000.00
\$ 1,105.50	\$ 1,105.50	\$ 1,105.50	\$ 2,211.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 750.00	\$ 750.00	\$ 750.00	\$ 1,500.00
\$ 324.50	\$ 5,192.00	\$ 4,867.50	\$ 10,059.50	\$ 350.00	\$ 5,600.00	\$ 5,250.00	\$ 10,850.00	\$ 950.00	\$ 15,200.00	\$ 14,250.00	\$ 29,450.00
\$ 192.50	\$ 3,080.00	\$ 2,887.50	\$ 5,967.50	\$ 150.00	\$ 2,400.00	\$ 2,250.00	\$ 4,650.00	\$ 200.00	\$ 3,200.00	\$ 3,000.00	\$ 6,200.00
\$ 275.00	\$ 2,200.00	\$ 2,750.00	\$ 4,950.00	\$ 200.00	\$ 1,600.00	\$ 2,000.00	\$ 3,600.00	\$ 150.00	\$ 1,200.00	\$ 1,500.00	\$ 2,700.00
\$ 10.03	\$ 63,519.99	\$ 72,948.19	\$ 136,468.18	\$ 14.00	\$ 88,662.00	\$ 101,822.00	\$ 190,484.00	\$ 10.00	\$ 63,330.00	\$ 72,730.00	\$ 136,060.00
\$ 220.00	\$ 5,720.00	\$ 6,600.00	\$ 12,320.00	\$ 200.00	\$ 5,200.00	\$ 6,000.00	\$ 11,200.00	\$ 50.00	\$ 1,300.00	\$ 1,500.00	\$ 2,800.00
\$ 55.00	\$ 1,045.00	\$ 1,375.00	\$ 2,420.00	\$ 10.00	\$ 190.00	\$ 250.00	\$ 440.00	\$ 25.00	\$ 475.00	\$ 625.00	\$ 1,100.00
\$ 57.50	\$ -	\$ 517.50	\$ 517.50	\$ 10.00	\$ -	\$ 90.00	\$ 90.00	\$ 25.00	\$ -	\$ 225.00	\$ 225.00
\$ 51.70	\$ 27,039.10	\$ 14,010.70	\$ 41,049.80	\$ 40.00	\$ 20,920.00	\$ 10,840.00	\$ 31,760.00	\$ 54.00	\$ 28,242.00	\$ 14,634.00	\$ 42,876.00
\$ 2,750.00	\$ 2,750.00	\$ 3,162.50	\$ 5,912.50	\$ 12,500.00	\$ 12,500.00	\$ 12,500.00	\$ 25,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,500.00	\$ 6,500.00
\$ 24,750.00	\$ 24,750.00	\$ 16,013.75	\$ 40,763.75	\$ 5,500.00	\$ 5,500.00	\$ 5,500.00	\$ 11,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 30,000.00
\$ 5,500.00	\$ 5,500.00	\$ 5,750.00	\$ 11,250.00	\$ 45,000.00	\$ 45,000.00	\$ 45,000.00	\$ 90,000.00	\$ 30,000.00	\$ 30,000.00	\$ 35,000.00	\$ 65,000.00
	\$ 35,000.00	\$ 35,000.00	\$ 70,000.00		\$ 42,000.00	\$ 42,000.00	\$ 84,000.00		\$ 42,000.00	\$ 49,000.00	\$ 91,000.00
Total Cost*	\$ 1,203,249.65	\$ 1,256,534.46	\$ 2,459,784.11	Total Cost*	\$ 1,217,288.50	\$ 1,267,854.50	\$ 2,485,143.00	Total Cost*	\$ 1,230,907.20	\$ 1,315,472.60	\$ 2,546,379.80

JB Contractors				G.V. Cement Contracting Co.				Audia Concrete			
Unit Price (\$)	Total 2018 Cost (\$)	Total 2019 Cost (\$)	Total 2018 + 2019 Cost (\$)	Unit Price (\$)	Total 2018 Cost (\$)	Total 2019 Cost (\$)	Total 2018 + 2019 Cost (\$)	Unit Price (\$)	Total 2018 Cost (\$)	Total 2019 Cost (\$)	Total 2018 + 2019 Cost (\$)
\$ 66,000.00	\$ 66,000.00	\$ 67,000.00	\$ 133,000.00	\$ 20,000.00	\$ 20,000.00	\$ 40,000.00	\$ 60,000.00	\$ 45,000.00	\$ 45,000.00	\$ 50,000.00	\$ 95,000.00
\$ 1,840.00	\$ 1,840.00	\$ 1,955.00	\$ 3,795.00	\$ 8,000.00	\$ 8,000.00	\$ 16,000.00	\$ 24,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 6,000.00
\$ 5.65	\$ 77,907.85	\$ 81,021.00	\$ 158,928.85	\$ 8.00	\$ 110,312.00	\$ 114,720.00	\$ 225,032.00	\$ 9.00	\$ 124,101.00	\$ 129,060.00	\$ 253,161.00
\$ 28.00	\$ 13,440.00	\$ 11,900.00	\$ 25,340.00	\$ 25.00	\$ 12,000.00	\$ 10,625.00	\$ 22,625.00	\$ 45.00	\$ 21,600.00	\$ 19,125.00	\$ 40,725.00
\$ 1,260.00	\$ 35,154.00	\$ 48,762.00	\$ 83,916.00	\$ 1,000.00	\$ 27,900.00	\$ 38,700.00	\$ 66,600.00	\$ 900.00	\$ 25,110.00	\$ 34,830.00	\$ 59,940.00
\$ 2.00	\$ 1,600.00	\$ 1,200.00	\$ 2,800.00	\$ 6.00	\$ 4,800.00	\$ 3,600.00	\$ 8,400.00	\$ 5.00	\$ 4,000.00	\$ 3,000.00	\$ 7,000.00
\$ 75.00	\$ 1,425.00	\$ 1,725.00	\$ 3,150.00	\$ 200.00	\$ 3,800.00	\$ 4,600.00	\$ 8,400.00	\$ 150.00	\$ 2,850.00	\$ 3,450.00	\$ 6,300.00
\$ 53.25	\$ 708,917.25	\$ 749,174.25	\$ 1,458,091.50	\$ 69.00	\$ 918,597.00	\$ 970,761.00	\$ 1,889,358.00	\$ 69.00	\$ 918,597.00	\$ 970,761.00	\$ 1,889,358.00
\$ 9.00	\$ 2,241.00	\$ 1,494.00	\$ 3,735.00	\$ 2.50	\$ 622.50	\$ 415.00	\$ 1,037.50	\$ 9.00	\$ 2,241.00	\$ 1,494.00	\$ 3,735.00
\$ 7.00	\$ 16,156.00	\$ 10,990.00	\$ 27,146.00	\$ 14.00	\$ 32,312.00	\$ 21,980.00	\$ 54,292.00	\$ 10.00	\$ 23,080.00	\$ 15,700.00	\$ 38,780.00
\$ 8.20	\$ 118,859.00	\$ 122,713.00	\$ 241,572.00	\$ 8.00	\$ 115,960.00	\$ 119,720.00	\$ 235,680.00	\$ 19.00	\$ 275,405.00	\$ 284,335.00	\$ 559,740.00
\$ 40.00	\$ 3,800.00	\$ 2,400.00	\$ 6,200.00	\$ 6.00	\$ 570.00	\$ 360.00	\$ 930.00	\$ 250.00	\$ 23,750.00	\$ 15,000.00	\$ 38,750.00
\$ 250.00	\$ 250.00	\$ 250.00	\$ 500.00	\$ 750.00	\$ 750.00	\$ 750.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00
\$ 900.00	\$ 900.00	\$ 900.00	\$ 1,800.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 4,000.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 5,000.00
\$ 500.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 550.00	\$ 550.00	\$ 550.00	\$ 1,100.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 1,600.00
\$ 200.00	\$ 3,200.00	\$ 3,000.00	\$ 6,200.00	\$ 550.00	\$ 8,800.00	\$ 8,250.00	\$ 17,050.00	\$ 700.00	\$ 11,200.00	\$ 10,500.00	\$ 21,700.00
\$ 150.00	\$ 2,400.00	\$ 2,250.00	\$ 4,650.00	\$ 600.00	\$ 9,600.00	\$ 9,000.00	\$ 18,600.00	\$ 700.00	\$ 11,200.00	\$ 10,500.00	\$ 21,700.00
\$ 200.00	\$ 1,600.00	\$ 2,000.00	\$ 3,600.00	\$ 500.00	\$ 4,000.00	\$ 5,000.00	\$ 9,000.00	\$ 1,000.00	\$ 8,000.00	\$ 10,000.00	\$ 18,000.00
\$ 14.00	\$ 88,662.00	\$ 101,822.00	\$ 190,484.00	\$ 14.00	\$ 88,662.00	\$ 101,822.00	\$ 190,484.00	\$ 25.00	\$ 158,325.00	\$ 181,825.00	\$ 340,150.00
\$ 200.00	\$ 5,200.00	\$ 6,000.00	\$ 11,200.00	\$ 400.00	\$ 10,400.00	\$ 12,000.00	\$ 22,400.00	\$ 400.00	\$ 10,400.00	\$ 12,000.00	\$ 22,400.00
\$ 57.00	\$ 1,083.00	\$ 1,425.00	\$ 2,508.00	\$ 150.00	\$ 2,850.00	\$ 3,750.00	\$ 6,600.00	\$ 25.00	\$ 475.00	\$ 625.00	\$ 1,100.00
\$ 57.00	\$ -	\$ 513.00	\$ 513.00	\$ 150.00	\$ -	\$ 1,350.00	\$ 1,350.00	\$ 25.00	\$ -	\$ 225.00	\$ 225.00
\$ 54.00	\$ 28,242.00	\$ 14,634.00	\$ 42,876.00	\$ 65.00	\$ 33,995.00	\$ 17,615.00	\$ 51,610.00	\$ 75.00	\$ 39,225.00	\$ 20,325.00	\$ 59,550.00
\$ 2,875.00	\$ 2,875.00	\$ 1.00	\$ 2,876.00	\$ 18,000.00	\$ 18,000.00	\$ 36,000.00	\$ 54,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 8,000.00
\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 40,000.00	\$ 60,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 30,000.00
\$ 14,000.00	\$ 14,000.00	\$ 14,000.00	\$ 28,000.00	\$ 8,000.00	\$ 8,000.00	\$ 16,000.00	\$ 24,000.00	\$ 18,000.00	\$ 18,000.00	\$ 18,000.00	\$ 36,000.00
	\$ 70,000.00	\$ 70,000.00	\$ 140,000.00		\$ 59,500.00	\$ 59,500.00	\$ 119,000.00		\$ 77,000.00	\$ 81,200.00	\$ 158,200.00
Total Cost*	\$ 1,276,252.10	\$ 1,327,629.25	\$ 2,603,881.35	Total Cost*	\$ 1,521,980.50	\$ 1,655,068.00	\$ 3,177,048.50	Total Cost*	\$ 1,825,859.00	\$ 1,898,255.00	\$ 3,724,114.00

BID

2018 – 2019 Concrete Neighborhood Repair Program

Bid of Mattiol Cement Co. hereinafter called Bidder, organized and existing under the laws of or a resident of the State of Michigan, doing business as Mattiol Cement Company L.L.C *.
 Insert as applicable: "a corporation", "a partnership" or "an individual".

TO THE CITY OF NOVI, MICHIGAN, hereinafter called OWNER:

The undersigned as Bidder hereby declares: that this Bid is made in good faith without fraud or collusion with any person or persons bidding on the same Contract; that the Bidder has read and examined the Advertisement for Bids, Instructions to Bidders, Bid, General Conditions, Supplementary Conditions, Agreement, Forms of Bond, Specifications and Drawings, as prepared by the ENGINEER, and understands all of the same; that the Bidder of its representative has made personal investigation at the site and has become fully familiar with regard to the conditions to be met in the execution of this Contract, and the undersigned proposes to furnish all labor, materials, tools, power, transportation, and construction equipment necessary for the construction of the Project and performing related work in full accordance with the aforesaid Contract Documents, including any and all Addenda officially issued, their receipt of which is hereby acknowledged:

Addendum No.	Addendum Date
<u>1</u>	<u>4-27-2018</u>
<u>2</u>	<u>5-4-2018</u>
<u>3</u>	<u>5-8-2018</u>

Bidders shall enter the **SAME UNIT PRICE** for items which appear in both the Base Bid for 2018 and 2019, excepting for lump sum items and the Crew Days item.

The Contract will be awarded to the lowest responsive, responsible Bidder based on the unit prices for all Work specified. The Bidder agrees to complete the Project for the following unit prices:

2018 NEIGHBORHOOD ROADS PROGRAM

Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
1	Mobilization, Max 10%	LSUM	1	\$29,000	\$ 29,000
2	Pre-Construction Audio-Visual	LSUM	1	\$1,600	\$ 1,600
3	Pavt, Rem	Syd	13789	\$ 10	\$ 137,890
4	Undercut, Special, 1x3	Cyd	480	\$ 25	\$ 12,000
5	Roadway Grading	Sta	27.9	\$ 800	\$ 22,320
6	Silt Fence	Ft	800	\$.25	\$ 200
7	Curb and Gutter Inlet Filter	Ea	19	\$ 110	\$ 2,090
8	Conc Pavt with Integral Curb, Nonreinf, 8 inch	Syd	13313	\$40.00	\$ 532,520



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2018 NEIGHBORHOOD ROADS PROGRAM

Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
9	Sidewalk, Rem	Syd	249	\$ 9	\$ 2,241
10	Sidewalk Ramp, Conc, 6 inch	Sft	2308	\$ 6.00	\$ 13,848
11	Aggregate Base, 21AA, Limestone, 6 inch	Syd	14495	\$ 9.00	\$ 130,455
12	Detectable Warning Surface	Ft	95	\$ 40	\$ 3,800
13	Dr Structure, Rem	Ea	1	\$ 100	\$ 100
14	Dr Structure, 24 inch dia	Ea	1	\$ 1,800	\$ 1,800
15	Dr Structure Cover, Type J	Ea	1	\$ 596	\$ 596
16	Dr Structure Cover, Adj, Case 1	Ea	16	\$ 380	\$ 6,080
17	Point Up Drainage Structure	Ea	16	\$ 10	\$ 160
18	Reconstruct Drainage Structure	Ft	8	\$ 200	\$ 1,600
19	Underdrain, Subgrade, Open-Graded, 6 inch	Ft	6333	\$ 12.50	\$ 79,162.50
20	Dr Structure Tap, 6 inch	Ea	26	\$ 70	\$ 1,820
21	Sign, Type IIIB, R1-1	Sft	19	\$ 20	\$ 380
23	Concrete Driveway	Syd	523	\$ 54	\$ 28,242
24	Permanent Pavement Markings	LSUM	1	\$ 2,500	\$ 2,500
25	Maintaining Traffic	LSUM	1	\$ 7,900	\$ 7,900
26	Surface Restoration	LSUM	1	\$ 100	\$ 100
27	Crew Days	Day	78	\$ 700.00	\$ 54,600
TOTAL 2018 NEIGHBORHOOD ROADS PROGRAM BID:					\$ 1,073,004.50

2019 NEIGHBORHOOD ROADS PROGRAM

Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
1	Mobilization, Max 10%	LSUM	1	\$ 31,000	\$ 31,000
2	Pre-Construction Audio-Visual	LSUM	1	\$ 1,800	\$ 1,800
3	Pavt, Rem	Syd	14340	\$ 10	\$ 143,400
4	Undercut, Special, 1x3	Cyd	425	\$ 25	\$ 10,625
5	Roadway Grading	Sta	38.7	\$ 800	\$ 30,960



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2019 NEIGHBORHOOD ROADS PROGRAM

Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
6	Silt Fence	Ft	600	\$.25	\$ 150
7	Curb and Gutter Inlet Filter	Ea	23	\$ 110	\$ 2,530
8	Conc Pavt with Integral Curb, Nonreinf, 8 inch	Syd	14069	\$40.00	\$ 52,760
9	Sidewalk, Rem	Syd	166	\$ 9	\$ 1,494
10	Sidewalk Ramp, Conc, 6 inch	Sft	1570	\$ 6.00	\$ 9,420
11	Aggregate Base, 21AA, Limestone, 6 inch	Syd	14965	\$ 9.00	\$134,685
12	Detectable Warning Surface	Ft	60	\$ 40	\$ 2,400
13	Dr Structure, Rem	Ea	1	\$ 100	\$ 100
14	Dr Structure, 24 inch dia	Ea	1	\$1,800	\$ 1,800
15	Dr Structure Cover, Type J	Ea	1	\$ 596	\$ 596
16	Dr Structure Cover, Adj, Case 1	Ea	15	\$ 380	\$ 5,700
17	Point Up Drainage Structure	Ea	15	\$ 10	\$ 150
18	Reconstruct Drainage Structure	Ft	10	\$ 200	\$ 2,000
19	Underdrain, Subgrade, Open-Graded, 6 inch	Ft	7273	\$12.50	\$ 90,912.50
20	Dr Structure Tap, 6 inch	Ea	30	\$ 70	\$ 2,100
21	Sign, Type IIIB, R1-1	Sft	25	\$ 20	\$ 500
22	Sign, Type IIIB, R1-2	Sft	9	\$ 30	\$ 270
23	Concrete Driveway	Syd	271	\$ 54	\$ 14,634
24	Permanent Pavement Markings	LSUM	1	\$ 2,700	\$ 2,700
25	Maintaining Traffic	LSUM	1	\$ 7,900	\$ 7,900
26	Surface Restoration	LSUM	1	\$ 100	\$ 100
27	Crew Days	Day	81	\$ 700.00	\$ 56,700
TOTAL 2019 NEIGHBORHOOD ROADS PROGRAM BID:					\$ 1,117,386.50



BID SUMMARY

2018 Neighborhood Roads Program	\$ 1,073,004. ⁵⁰
2019 Neighborhood Roads Program	\$ 1,117,386. ⁵⁰
TOTAL BID	\$ 2,190,391

Bidders must provide unit prices for all items and a quantity for the Crew Day Item.

The City's intent is to award to the lowest responsible bidder. Funding for the project is limited and the City may elect to eliminate roadways from the contract, reduce the length of roadways included in the project, or potentially add roadways with similar work to the project in order to match the available budget.

If the foregoing Bid shall be accepted by the OWNER, the undersigned agrees to enter into the attached form of Agreement within ten (10) days after receiving notice of such acceptance, will furnish the OWNER satisfactory bonds and certificates of insurance coverage, and will complete the Project, at the price and within the time stated in this Bid.

The undersigned further agrees that if the foregoing Bid shall be accepted, work will commence immediately after the Contract has been awarded, the Agreement executed, and a Notice to Proceed received.

No work may begin prior to June 18, 2018. No work may begin prior to the formal award of contract.

Work for the 2019 roadways may not begin until June 17, 2019.

Substantial Completion for 2018 roadways shall be no later than October 20, 2018.

Substantial Completion for 2019 roadways shall be no later than October 19, 2019.

Final Completion for 2018 roadways shall be no later than November 3, 2018.

Final Completion for 2019 roadways shall be no later than November 2, 2019.

The undersigned attaches hereto its Bid security, as required by the Advertisement for Bids and Instructions to Bidders. The undersigned agrees that in case it shall fail to fulfill its obligations under the foregoing Bid, and/or shall fail to furnish bonds, as specified, the OWNER may, at its option determine that the undersigned has abandoned its rights and interests in such Contract and that its Bid security accompanying its Bid; has been forfeited to the said OWNER, but otherwise the Bid security shall be returned to the undersigned upon the execution of the Contract and the acceptance of the bonds.

The undersigned also agrees that for each and every calendar day that he may be in default of any of the completion dates listed above, the OWNER will suffer a damage of One Thousand Three Hundred Dollars (\$1,300.00) per day, and said OWNER shall be compensated therefore at the rate as liquidated damages in accordance with the Agreement.

In submitting this Bid, it is understood that the right is reserved by the OWNER to accept any bid, to reject any or all Bids, and to waive irregularities in bidding in the interest of the OWNER.



SUBMITTED on 5-9-2018
Date*

6085 McQuire
Street*

Fenton Michigan 48436
City, State, ZIP*

313-215-1001
Telephone Number*

810-714-2665
Facsimile Number*

BY: Mattoli Cement Co. L.L.C
Name of Bidder*

John Mattoli
Signature

John Mattoli / member
Name and Title of Signatory*

*Typed or printed in ink.



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