



# CITY of NOVI CITY COUNCIL

**Agenda Item 6**  
**May 21, 2018**

**SUBJECT:** Approval to award the construction contract for the Taft Road Reconstruction (Ten Mile Road to Grand River Avenue) project to Cadillac Asphalt, LLC, the low-bidder, in the amount of \$1,977,088.00.

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

**CITY MANAGER APPROVAL:** *DA*

<b>EXPENDITURE REQUIRED</b>	<b>\$ 1,977,088.00</b>
<b>AMOUNT BUDGETED</b>	<b>\$ 2,539,890</b>
<b>APPROPRIATION REQUIRED</b>	<b>N/A</b>
<b>LINE ITEM NUMBER</b>	<b>202-202.00-865.179</b>

**BACKGROUND INFORMATION:**

The proposed reconstruction of Taft Road includes crushing existing asphalt and converting it to a base layer, followed by the placement of two lifts (approx. 6 inches) of hot mix asphalt (HMA). The scope of this project also includes northbound and southbound bike lanes along the project limits, which would satisfy the City's Non-Motorized Master Plan.

AECOM, the City's Engineering consultant, assisted the Engineering Division with developing the plans for this project. Staff advertised the plans for public bids on April 16, 2018. The City received and opened three (3) bids on May 1, 2018 following the solicitation period. Cadillac Asphalt, LLC'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. Attached herein is the award recommendation letter, including the bid tabulation. A summary of the bid tabulation is as follows:

<b>Contractor</b>	<b>Base Bid*</b>	<b>Bid Alternate 1*</b>	<b>Bid Alternate 2*</b>	<b>Total Bid Price*</b>
<b>Cadillac Asphalt</b>	<b>\$ 1,929,930.93</b>	<b>\$ 96,148.22</b>	<b>\$ 21,358.85</b>	<b>\$ 2,047,438.00</b>
Pro-Line Asphalt	\$ 2,212,003.16	\$ 83,560.00	\$ 22,201.00	\$ 2,317,764.16
Ajax Paving	\$ 2,283,711.45	\$ 105,288.20	\$ 19,174.85	\$ 2,408,174.50

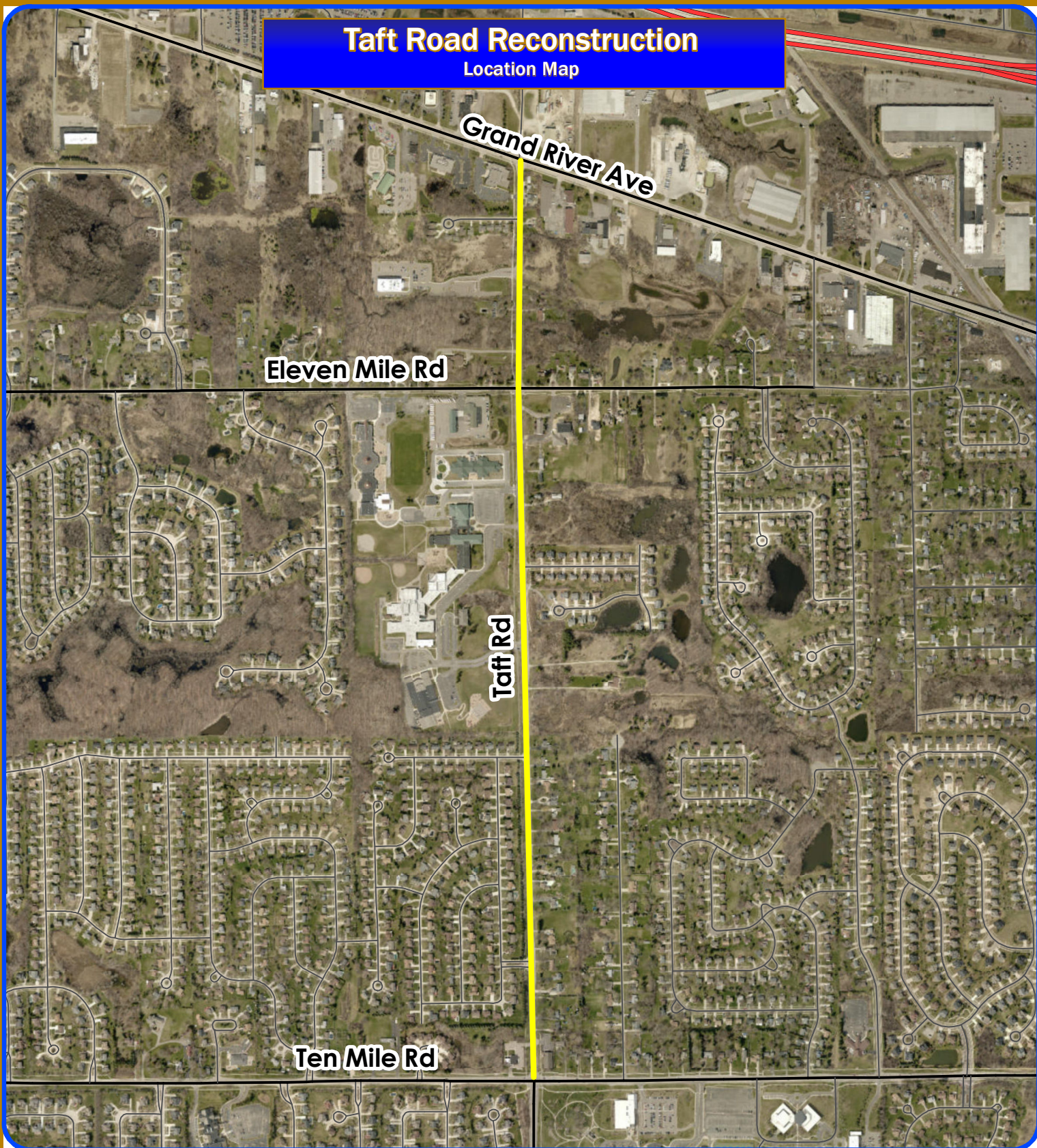
**\*Crew Days are included to compare bids, but are not included in the award.**

The construction engineering services award associated with this project is proposed elsewhere on the agenda. Estimated substantial completion for the project is fall 2018.

**RECOMMENDED ACTION:** Approval to award the construction contract for the Taft Road Reconstruction (Ten Mile Road to Grand River Avenue) project to Cadillac Asphalt, LLC, the low-bidder, in the amount of \$1,977,088.00.

# Taft Road Reconstruction

Location Map




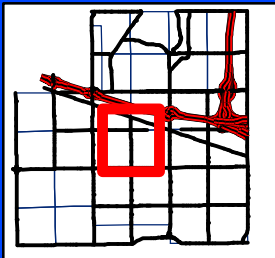
Map Author: Joseph Akers  
Date: April 30, 2018  
Project: Taft Road Reconstruction  
Version #: 1

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.

 Limits of Road Construction



## City of Novi

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



1 inch = 1,000 feet





May 2, 2018

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

Reference: Bid Analysis and Contract Award Recommendation  
Taft Rd Rehabilitation (10 Mile Rd to Grand River Ave)  
AECOM Project Number 60558332

Dear Mr. Akers:

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

There were minor errors in the bid. Different unit prices were used in the Base Bid and Alternate Bid 1 for HMA 4E3, HMA, 3E3, and HMA Approach pay items. These minor errors did not impact the Base Bid. These errors did reduce the Alt Bid 1 cost by \$5,909.14.

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

Cadillac Asphalt, the low bidder, has successfully completed similar projects in Oakland County, Livingston County, and Wayne County. The bonding company listed in the Statement of Qualifications has an AM Best rating that exceeds the minimum requirements.

We recommend award of the Base Bid, Bid Alt 1 and Bid Alt 2 contract to Cadillac Asphalt for the Bid Amount, excluding crew day costs, of \$1,977,088.00.

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**  
**Taft Road from 10 Mile Road to Grand River Ave**  
**Crush & Shape w/ 6 inch Overlay & Edge Drain**  
**Bid Tabulation**  
**5/1/2018**

Item No.	Item Description	Unit	Engineer's Estimate				Cadillac Asphalt				Proline Asphalt				Ajax Paving										
			Total Base Bid Quantity	Total Alt Bid 1 Quantity	Total Alt Bid 2 Quantity	Unit Price	Total Base Bid Cost	Total Alt Bid 1 Cost	Total Alt Bid 2 Cost	Total Cost (Base + Alt 1 + Alt 2)	Unit Price	Total Base Bid Cost	Total Alt Bid 1 Cost	Total Alt Bid 2 Cost	Total Cost (Base + Alt 1 + Alt 2)	Unit Price	Total Base Bid Cost	Total Alt Bid 1 Cost	Total Alt Bid 2 Cost	Total Cost (Base + Alt 1 + Alt 2)					
1	Mobilization (10%)	LSUM	1	-	-	7,096.24	7,096.24	-	-	7,096.24	50,912.00	50,912.00	-	-	50,912.00	200,000.00	200,000.00	-	-	200,000.00	50,000.00	50,000.00	-	-	50,000.00
2	Pre-Construction Audio-Visual	LSUM	1	-	-	1,500.00	1,500.00	-	-	1,500.00	1,570.00	1,570.00	-	-	1,570.00	1,600.00	1,600.00	-	-	1,600.00	1,570.00	1,570.00	-	-	1,570.00
3	Erosion Control, Silt Fence	Ft	3,000	-	-	1.00	3,000.00	-	-	3,000.00	1.75	5,250.00	-	-	5,250.00	2.50	7,500.00	-	-	7,500.00	1.75	5,250.00	-	-	5,250.00
4	Erosion Control, Inlet Protection, Fabric Drop	Ea	10	-	-	150.00	1,500.00	-	-	1,500.00	50.00	500.00	-	-	500.00	85.00	850.00	-	-	850.00	125.00	1,250.00	-	-	1,250.00
5	Erosion Control, Check Dam, Stone	Ft	100	-	-	25.00	2,500.00	-	-	2,500.00	59.43	5,943.00	-	-	5,943.00	15.00	1,500.00	-	-	1,500.00	75.00	7,500.00	-	-	7,500.00
6	Erosion Control, Inlet Protection, Sediment Trap	Ea	20	-	-	130.00	2,600.00	-	-	2,600.00	75.00	1,500.00	-	-	1,500.00	90.00	1,800.00	-	-	1,800.00	200.00	4,000.00	-	-	4,000.00
7	Erosion Control, Maintenance, Sediment Removal	Cyd	10	-	-	25.00	250.00	-	-	250.00	75.00	750.00	-	-	750.00	50.00	500.00	-	-	500.00	30.00	300.00	-	-	300.00
8	Riprap, Plain	Syd	116	-	-	40.00	4,640.00	-	-	4,640.00	63.55	7,371.80	-	-	7,371.80	60.00	6,960.00	-	-	6,960.00	80.00	9,280.00	-	-	9,280.00
9	HMA Base Crushing and Shaping	Syd	28,764	-	-	3.00	86,292.00	-	-	86,292.00	2.75	79,101.00	-	-	79,101.00	1.70	48,898.80	-	-	48,898.80	3.05	87,730.20	-	-	87,730.20
10	Material, Surplus and Unsuitable, Rem. LM	Cyd	403	-	-	10.00	4,030.00	-	-	4,030.00	19.75	7,959.25	-	-	7,959.25	12.00	4,836.00	-	-	4,836.00	5.00	2,015.00	-	-	2,015.00
11	Culv. Rem. Less than 24 inch	Ea	10	-	-	300.00	3,000.00	-	-	3,000.00	150.00	1,500.00	-	-	1,500.00	125.00	1,250.00	-	-	1,250.00	200.00	2,000.00	-	-	2,000.00
12	Culvert Cleanout	Ea	9	-	-	100.00	900.00	-	-	900.00	300.00	2,700.00	-	-	2,700.00	100.00	900.00	-	-	900.00	1,500.00	13,500.00	-	-	13,500.00
13	Curb and Gutter, Rem	Ft	2,217	93	-	10.00	22,170.00	930.00	-	23,100.00	2.00	4,434.00	186.00	-	4,620.00	9.00	19,953.00	837.00	-	20,790.00	17.50	38,797.50	1,627.50	-	40,425.00
14	Cold Milling HMA Surface	Syd	-	1,764	-	1.60	-	2,822.40	-	2,822.40	6.50	-	11,466.00	-	11,466.00	4.00	-	7,056.00	-	7,056.00	7.87	-	13,882.68	-	13,882.68
15	HMA Surface, Rem	Syd	2,417	-	-	7.00	16,919.00	-	-	16,919.00	13.04	31,517.68	-	-	31,517.68	8.50	20,544.50	-	-	20,544.50	14.75	35,650.75	-	-	35,650.75
16	Pavt. Rem	Syd	817	-	-	7.00	5,719.00	-	-	5,719.00	13.04	10,653.68	-	-	10,653.68	10.00	8,170.00	-	-	8,170.00	17.00	13,889.00	-	-	13,889.00
17	Sidewalk, Rem	Syd	199	156	-	10.00	1,990.00	1,560.00	-	3,550.00	7.00	1,393.00	1,092.00	-	2,485.00	10.00	1,990.00	1,560.00	-	3,550.00	5.00	995.00	780.00	-	1,775.00
18	Roadway Grading	Sta	68	-	-	500.00	34,000.00	-	-	34,000.00	2,700.00	183,600.00	-	-	183,600.00	2,200.00	149,600.00	-	-	149,600.00	2,650.00	180,200.00	-	-	180,200.00
19	Subgrade Undercutting, Special	Cyd	200	-	-	45.00	9,000.00	-	-	9,000.00	59.29	11,858.00	-	-	11,858.00	35.00	7,000.00	-	-	7,000.00	60.00	12,000.00	-	-	12,000.00
20	Shoulder, Cl II, 6 inch	Syd	4,274	-	-	10.00	42,740.00	-	-	42,740.00	8.00	34,192.00	-	-	34,192.00	10.50	44,877.00	-	-	44,877.00	10.00	42,740.00	-	-	42,740.00
21	Sidewalk Ramp, Conc, 6 inch	Sft	1,964	1,330	-	9.50	18,658.00	12,635.00	-	31,293.00	6.00	11,784.00	7,980.00	-	19,764.00	5.50	10,802.00	7,315.00	-	18,117.00	6.00	11,784.00	7,980.00	-	19,764.00
22	Detectable Warning Surface	Ft	95	42	-	40.00	3,800.00	1,680.00	-	5,480.00	40.00	3,800.00	1,680.00	-	5,480.00	35.00	3,325.00	1,470.00	-	4,795.00	40.00	3,800.00	1,680.00	-	5,480.00
23	Aggregate Base, 21AA Limestone, 6 inch	Syd	5,962	-	-	10.00	59,620.00	-	-	59,620.00	8.12	48,411.44	-	-	48,411.44	9.25	55,148.50	-	-	55,148.50	7.00	41,734.00	-	-	41,734.00
24	Aggregate Base, 21AA Limestone	Ton	1,843	-	-	26.75	49,300.25	-	-	49,300.25	20.00	36,860.00	-	-	36,860.00	15.00	27,645.00	-	-	27,645.00	21.00	38,703.00	-	-	38,703.00
25	Driveway, Nonrein Conc, 6 inch	Syd	119	-	-	70.00	8,330.00	-	-	8,330.00	54.00	6,426.00	-	-	6,426.00	49.00	5,831.00	-	-	5,831.00	54.00	6,426.00	-	-	6,426.00
26	Aggregate Surface Cse, 6 inch	Syd	50	-	-	10.00	500.00	-	-	500.00	25.00	1,250.00	-	-	1,250.00	25.00	1,250.00	-	-	1,250.00	7.00	350.00	-	-	350.00
27	Guardrail, Rem	Ft	240	-	-	5.00	1,200.00	-	-	1,200.00	3.13	751.20	-	-	751.20	3.50	840.00	-	-	840.00	11.00	2,640.00	-	-	2,640.00
28	Guardrail, Type B	Ft	238	-	-	18.00	4,284.00	-	-	4,284.00	23.77	5,657.26	-	-	5,657.26	24.00	5,712.00	-	-	5,712.00	31.00	7,378.00	-	-	7,378.00
29	Guardrail Approach Terminal, Type 2B	Ea	1	-	-	2,000.00	2,000.00	-	-	2,000.00	2,514.83	2,514.83	-	-	2,514.83	2,600.00	2,600.00	-	-	2,600.00	4,405.00	4,405.00	-	-	4,405.00
30	Guardrail Departing Terminal, Type B	Ea	1	-	-	650.00	650.00	-	-	650.00	1,090.45	1,090.45	-	-	1,090.45	1,100.00	1,100.00	-	-	1,100.00	1,505.00	1,505.00	-	-	1,505.00
31	Dr Structure Cover, Type B	Ea	4	-	-	750.00	3,000.00	-	-	3,000.00	540.00	2,160.00	-	-	2,160.00	500.00	2,000.00	-	-	2,000.00	400.00	1,600.00	-	-	1,600.00
32	Dr Structure Cover, Type G	Ea	3	-	-	750.00	2,250.00	-	-	2,250.00	450.00	1,350.00	-	-	1,350.00	500.00	1,500.00	-	-	1,500.00	375.00	1,125.00	-	-	1,125.00
33	Dr Structure, Rem	Ea	1	-	-	400.00	400.00	-	-	400.00	650.00	650.00	-	-	650.00	750.00	750.00	-	-	750.00	500.00	500.00	-	-	500.00
34	Dr Structure, 48 inch dia	Ea	1	-	-	1,800.00	1,800.00	-	-	1,800.00	2,900.00	2,900.00	-	-	2,900.00	3,250.00	3,250.00	-	-	3,250.00	5,000.00	5,000.00	-	-	5,000.00
35	Dr Structure Cover, Adj, Case 1	Ea	8	2	-	450.00	3,600.00	900.00	-	4,500.00	295.00	2,360.00	590.00	-	2,950.00	600.00	4,800.00	1,200.00	-	6,000.00	950.00	7,600.00	1,900.00	-	9,500.00
36	Dr Structure Cover, Adj, Case 2	Ea	12	2	-	450.00	5,400.00	900.00	-	6,300.00	295.00	3,540.00	590.00	-	4,130.00	550.00	6,600.00	1,100.00	-	7,700.00	850.00	10,200.00	1,700.00	-	11,900.00
37	DPS Structure Cover, Adj, Case 1	Ea	7	-	-	450.00	3,150.00	-	-	3,150.00	295.00	2,065.00	-	-	2,065.00	600.00	4,200.00	-	-	4,200.00	1,000.00	7,000.00	-	-	7,000.00
38	DPS Structure Cover, Adj, Case 2	Ea	12	1	-	450.00	5,400.00	450.00	-	5,850.00	295.00	3,540.00	295.00	-	3,835.00	550.00	6,600.00	550.00	-	7,150.00	850.00	10,200.00	850.00	-	11,050.00
39	Dr Structure, Adj, Add Depth	Ft	1	-	-	300.00	300.00	-	-	300.00	250.00	250.00	-	-	250.00	250.00	250.00	-	-	250.00	200.00	200.00	-	-	200.00
40	Point-Up Drainage Structure	Ea	1	-	-	300.00	300.00	-	-	300.00	175.00	175.00	-	-	175.00	750.00	750.00	-	-	750.00	200.00	200.00	-	-	200.00
41	Reconstruct Drainage Structure	Ft	3	-	-	200.00	600.00	-	-	600.00	250.00	750.00	-	-	750.00	250.00	750.00	-	-	750.00	500.00	1,500.00	-	-	1,500.00
42	Culv End Sect, Conc, 12 inch	Ea	8	-	-	620.00	4,960.00	-	-	4,960.00	350.00	2,800.00	-	-	2,800.00	650.00	5,200.00	-	-	5,200.00	400.00	3,200.00	-	-	3,200.00
43	Culv End Sect, Conc, 18 inch	Ea	2	-	-	650.00	1,300.00	-	-	1,300.00	630.00	1,260.00	-	-	1,260.00	800.00	1,600.00	-	-	1,600.00	475.00	950.00	-	-	950.00
44	Culv End Sect, Conc, 24 inch	Ea	1	-	-	800.00	800.00	-	-	800.00	765.00	765.00	-	-	765.00	1,100.00	1,100.00	-	-	1,100.00	600.00	600.00	-	-	600.00
45	Culv, Cl F, 12 inch	Ft	205	-	-	30.00	6,150.00	-	-	6,150.00	35.00	7,175.00	-	-	7,175.00	62.00	12,710.00	-	-	12,7					

99	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	Ft	8,000	-	-	\$ 3.50	\$ 28,000.00	\$ -	\$ -	\$ 28,000.00	\$ 0.65	\$ 5,200.00	\$ -	\$ -	\$ 5,200.00	\$ 1.70	\$ 13,600.00	\$ -	\$ -	\$ 13,600.00	\$ 1.85	\$ 13,200.00	\$ -	\$ -	\$ 13,200.00	
100	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	Ft	6,000	-	-	\$ 3.50	\$ 21,000.00	\$ -	\$ -	\$ 21,000.00	\$ 0.65	\$ 3,900.00	\$ -	\$ -	\$ 3,900.00	\$ 1.70	\$ 10,200.00	\$ -	\$ -	\$ 10,200.00	\$ 1.85	\$ 9,900.00	\$ -	\$ -	\$ 9,900.00	
101	Plastic Drum, High Intensity, Furn	Ea	120	-	-	\$ 16.00	\$ 1,920.00	\$ -	\$ -	\$ 1,920.00	\$ 20.00	\$ 2,400.00	\$ -	\$ -	\$ 2,400.00	\$ 20.00	\$ 2,400.00	\$ -	\$ -	\$ 2,400.00	\$ 20.00	\$ 2,400.00	\$ -	\$ -	\$ 2,400.00	
102	Plastic Drum, High Intensity, Oper	Ea	120	-	-	\$ 0.55	\$ 66.00	\$ -	\$ -	\$ 66.00	\$ 0.01	\$ 1.20	\$ -	\$ -	\$ 1.20	\$ 0.01	\$ 1.20	\$ -	\$ -	\$ 1.20	\$ 0.01	\$ 1.20	\$ -	\$ -	\$ 1.20	
103	Sign, Cover	Ea	4	-	-	\$ 30.00	\$ 120.00	\$ -	\$ -	\$ 120.00	\$ 50.00	\$ 200.00	\$ -	\$ -	\$ 200.00	\$ 50.00	\$ 200.00	\$ -	\$ -	\$ 200.00	\$ 50.00	\$ 200.00	\$ -	\$ -	\$ 200.00	
104	Sign, Type A, Temp, Prismatic, Furn	Sft	20	-	-	\$ 6.00	\$ 120.00	\$ -	\$ -	\$ 120.00	\$ 6.00	\$ 120.00	\$ -	\$ -	\$ 120.00	\$ 6.00	\$ 120.00	\$ -	\$ -	\$ 120.00	\$ 6.00	\$ 120.00	\$ -	\$ -	\$ 120.00	
105	Sign, Type A, Temp, Prismatic, Oper	Sft	20	-	-	\$ 0.20	\$ 4.00	\$ -	\$ -	\$ 4.00	\$ 0.01	\$ 0.20	\$ -	\$ -	\$ 0.20	\$ 0.01	\$ 0.20	\$ -	\$ -	\$ 0.20	\$ 0.01	\$ 0.20	\$ -	\$ -	\$ 0.20	
106	Sign, Type B, Temp, Prismatic, Furn	Sft	1,700	-	-	\$ 4.00	\$ 6,800.00	\$ -	\$ -	\$ 6,800.00	\$ 5.00	\$ 8,500.00	\$ -	\$ -	\$ 8,500.00	\$ 5.00	\$ 8,500.00	\$ -	\$ -	\$ 8,500.00	\$ 5.00	\$ 8,500.00	\$ -	\$ -	\$ 8,500.00	
107	Sign, Type B, Temp, Prismatic, Oper	Sft	1,700	-	-	\$ 0.25	\$ 425.00	\$ -	\$ -	\$ 425.00	\$ 0.01	\$ 17.00	\$ -	\$ -	\$ 17.00	\$ 0.01	\$ 17.00	\$ -	\$ -	\$ 17.00	\$ 0.01	\$ 17.00	\$ -	\$ -	\$ 17.00	
108	Sign, Type B, Temp, Prismatic, Special, Furn	Sft	200	-	-	\$ 9.00	\$ 1,800.00	\$ -	\$ -	\$ 1,800.00	\$ 12.00	\$ 2,400.00	\$ -	\$ -	\$ 2,400.00	\$ 12.00	\$ 2,400.00	\$ -	\$ -	\$ 2,400.00	\$ 12.00	\$ 2,400.00	\$ -	\$ -	\$ 2,400.00	
109	Sign, Type B, Temp, Prismatic, Special, Oper	Sft	200	-	-	\$ 0.40	\$ 80.00	\$ -	\$ -	\$ 80.00	\$ 0.01	\$ 2.00	\$ -	\$ -	\$ 2.00	\$ 0.01	\$ 2.00	\$ -	\$ -	\$ 2.00	\$ 0.01	\$ 2.00	\$ -	\$ -	\$ 2.00	
110	Traf Regulator Control	LSUM	1	-	-	\$ 14,000.00	\$ 14,000.00	\$ -	\$ -	\$ 14,000.00	\$ 18,230.00	\$ 18,230.00	\$ -	\$ -	\$ 18,230.00	\$ 45,000.00	\$ 45,000.00	\$ -	\$ -	\$ 45,000.00	\$ 61,000.00	\$ 61,000.00	\$ -	\$ -	\$ 61,000.00	
111	Pedestrian Type II Barricade, Temp	Ea	10	-	-	\$ 160.00	\$ 1,600.00	\$ -	\$ -	\$ 1,600.00	\$ 150.00	\$ 1,500.00	\$ -	\$ -	\$ 1,500.00	\$ 150.00	\$ 1,500.00	\$ -	\$ -	\$ 1,500.00	\$ 150.00	\$ 1,500.00	\$ -	\$ -	\$ 1,500.00	
114	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	Ea	4	-	-	\$ 2,000.00	\$ 8,000.00	\$ -	\$ -	\$ 8,000.00	\$ 4,000.00	\$ 16,000.00	\$ -	\$ -	\$ 16,000.00	\$ 4,000.00	\$ 16,000.00	\$ -	\$ -	\$ 16,000.00	\$ 4,000.00	\$ 16,000.00	\$ -	\$ -	\$ 16,000.00	
115	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	Ea	4	-	-	\$ 500.00	\$ 2,000.00	\$ -	\$ -	\$ 2,000.00	\$ 0.01	\$ 0.04	\$ -	\$ -	\$ 0.04	\$ 0.01	\$ 0.04	\$ -	\$ -	\$ 0.04	\$ 0.01	\$ 0.04	\$ -	\$ -	\$ 0.04	
116	TS, Bag	Ea	2	-	-	\$ 150.00	\$ 300.00	\$ -	\$ -	\$ 300.00	\$ 600.00	\$ 1,200.00	\$ -	\$ -	\$ 1,200.00	\$ 600.00	\$ 1,200.00	\$ -	\$ -	\$ 1,200.00	\$ 842.00	\$ 1,684.00	\$ -	\$ -	\$ 1,684.00	
117	TS, Bag, Rem	Ea	2	-	-	\$ 100.00	\$ 200.00	\$ -	\$ -	\$ 200.00	\$ 500.00	\$ 1,000.00	\$ -	\$ -	\$ 1,000.00	\$ 500.00	\$ 1,000.00	\$ -	\$ -	\$ 1,000.00	\$ 558.00	\$ 1,116.00	\$ -	\$ -	\$ 1,116.00	
118	Maintenance Gravel, LM	Cyd	550	-	-	\$ 12.00	\$ 6,600.00	\$ -	\$ -	\$ 6,600.00	\$ 25.00	\$ 13,750.00	\$ -	\$ -	\$ 13,750.00	\$ 20.00	\$ 11,000.00	\$ -	\$ -	\$ 11,000.00	\$ 10.00	\$ 5,500.00	\$ -	\$ -	\$ 5,500.00	
119	Fence, Protective	Ft	100	-	-	\$ 6.00	\$ 600.00	\$ -	\$ -	\$ 600.00	\$ 15.00	\$ 1,500.00	\$ -	\$ -	\$ 1,500.00	\$ 2.00	\$ 200.00	\$ -	\$ -	\$ 200.00	\$ 10.00	\$ 1,000.00	\$ -	\$ -	\$ 1,000.00	
120	Surface Restoration	Sta	68	-	-	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ 10,000.00	\$ 585.00	\$ 39,780.00	\$ -	\$ -	\$ 39,780.00	\$ 750.00	\$ 51,000.00	\$ -	\$ -	\$ 51,000.00	\$ 900.00	\$ 61,200.00	\$ -	\$ -	\$ 61,200.00	
121	Pushbutton, Rem	Ea	-	8	-	\$ 80.00	\$ -	\$ 640.00	\$ -	\$ 640.00	\$ 100.00	\$ -	\$ 800.00	\$ -	\$ 800.00	\$ 100.00	\$ -	\$ 800.00	\$ -	\$ 800.00	\$ 89.25	\$ -	\$ 714.00	\$ -	\$ 714.00	
122	TS, Pedestrian, Bracket Arm Mtd, Rem	Ea	-	4	-	\$ 100.00	\$ -	\$ 400.00	\$ -	\$ 400.00	\$ 220.00	\$ -	\$ 880.00	\$ -	\$ 880.00	\$ 220.00	\$ -	\$ 880.00	\$ -	\$ 880.00	\$ 104.00	\$ -	\$ 416.00	\$ -	\$ 416.00	
123	Pushbutton Support Post, RCOC	Ea	-	8	-	\$ 600.00	\$ -	\$ 4,800.00	\$ -	\$ 4,800.00	\$ 225.00	\$ -	\$ 1,800.00	\$ -	\$ 1,800.00	\$ 225.00	\$ -	\$ 1,800.00	\$ -	\$ 1,800.00	\$ 1,260.00	\$ -	\$ 10,080.00	\$ -	\$ 10,080.00	
124	Conduit, DB, 1, 1 1/4 inch	Ft	-	210	-	\$ 11.00	\$ -	\$ 2,310.00	\$ -	\$ 2,310.00	\$ 18.75	\$ -	\$ 3,937.50	\$ -	\$ 3,937.50	\$ 19.00	\$ -	\$ 3,990.00	\$ -	\$ 3,990.00	\$ 28.50	\$ -	\$ 5,985.00	\$ -	\$ 5,985.00	
125	Conduit, DB, 1, 3 inch	Ft	-	45	-	\$ 16.00	\$ -	\$ 720.00	\$ -	\$ 720.00	\$ 22.00	\$ -	\$ 990.00	\$ -	\$ 990.00	\$ 22.00	\$ -	\$ 990.00	\$ -	\$ 990.00	\$ 37.00	\$ -	\$ 1,665.00	\$ -	\$ 1,665.00	
126	Hh, Round	Ea	-	3	-	\$ 1,210.00	\$ -	\$ 3,630.00	\$ -	\$ 3,630.00	\$ 1,400.00	\$ -	\$ 4,200.00	\$ -	\$ 4,200.00	\$ 1,400.00	\$ -	\$ 4,200.00	\$ -	\$ 4,200.00	\$ 1,962.00	\$ -	\$ 5,886.00	\$ -	\$ 5,886.00	
127	Pushbutton and Sign	Ea	-	8	-	\$ 600.00	\$ -	\$ 4,800.00	\$ -	\$ 4,800.00	\$ 925.00	\$ -	\$ 7,400.00	\$ -	\$ 7,400.00	\$ 925.00	\$ -	\$ 7,400.00	\$ -	\$ 7,400.00	\$ 769.00	\$ -	\$ 6,152.00	\$ -	\$ 6,152.00	
128	Wood Pole, Fit Up, TS Cable Pole	Ea	-	2	-	\$ 720.00	\$ -	\$ 1,440.00	\$ -	\$ 1,440.00	\$ 750.00	\$ -	\$ 1,500.00	\$ -	\$ 1,500.00	\$ 750.00	\$ -	\$ 1,500.00	\$ -	\$ 1,500.00	\$ 820.00	\$ -	\$ 1,640.00	\$ -	\$ 1,640.00	
129	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	Ea	-	4	-	\$ 1,400.00	\$ -	\$ 5,600.00	\$ -	\$ 5,600.00	\$ 1,925.00	\$ -	\$ 7,700.00	\$ -	\$ 7,700.00	\$ 1,925.00	\$ -	\$ 7,700.00	\$ -	\$ 7,700.00	\$ 2,011.00	\$ -	\$ 8,044.00	\$ -	\$ 8,044.00	
130	Crew Days	Day	100	10	5	\$ 700.00	\$ 70,000.00	\$ 7,000.00	\$ 3,500.00	\$ 80,500.00	\$ 80	\$ 56,000.00	\$ 12,250.00	\$ 2,100.00	\$ 70,350.00	\$ 115	\$ 80,500.00	\$ 7,000.00	\$ 2,800.00	\$ 90,300.00	\$ 114	\$ 79,800.00	\$ 7,000.00	\$ 2,100.00	\$ 88,900.00	
131	Pavt, Rem, Special	Syd	230	-	-	\$ 10.00	\$ 2,300.00	\$ -	\$ -	\$ 2,300.00	\$ 15.00	\$ 3,450.00	\$ -	\$ -	\$ 3,450.00	\$ 6.00	\$ 1,380.00	\$ -	\$ -	\$ 1,380.00	\$ 25.00	\$ 5,750.00	\$ -	\$ -	\$ 5,750.00	
132	RCOC Permit Allowance	Dlr	2,500	-	-	\$ 1.00	\$ 2,500.00	\$ -	\$ -	\$ 2,500.00	\$ 1.00	\$ 2,500.00	\$ -	\$ -	\$ 2,500.00	\$ 1.00	\$ 2,500.00	\$ -	\$ -	\$ 2,500.00	\$ 1.00	\$ 2,500.00	\$ -	\$ -	\$ 2,500.00	
133	HMA Base Repair	Syd	-	100	-	\$ 2.00	\$ 200.00	\$ 200.00	\$ -	\$ 200.00	\$ 81.57	\$ -	\$ 8,157.00	\$ -	\$ 8,157.00	\$ 25.00	\$ -	\$ 2,500.00	\$ -	\$ 2,500.00	\$ 35.00	\$ -	\$ 3,500.00	\$ -	\$ 3,500.00	
							<b>Total Cost</b>	<b>\$ 1,953,510.99</b>	<b>\$ 78,162.40</b>	<b>\$ 27,768.50</b>	<b>\$ 2,056,741.89</b>	<b>Total Cost*</b>	<b>\$ 1,929,930.93</b>	<b>\$ 96,148.22</b>	<b>\$ 21,358.85</b>	<b>\$ 2,047,438.00</b>	<b>Total Cost*</b>	<b>\$ 2,212,003.16</b>	<b>\$ 83,560.00</b>	<b>\$ 22,201.00</b>	<b>\$ 2,317,764.16</b>	<b>Total Cost*</b>	<b>\$ 2,283,711.45</b>	<b>\$ 105,288.20</b>	<b>\$ 19,174.85</b>	<b>\$ 2,408,174.50</b>

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

minus crew days \$ 1,977,088.00

**BID**  
**TAFT ROAD REHABILITATION**

Bid of CADILLAC ASPHALT, LLC hereinafter called Bidder, organized and existing under the laws of or a resident of the State of Michigan, doing business as A CORPORATION \*

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>4-26-18</u>
<u>2</u>	<u>4-27-18</u>
3	4-27-18
4	4-30-18

**Bidders shall enter the SAME UNIT PRICE for items which appear in both the Base Bid and Alternate Bid sections, 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:

**BASE BID**

Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
1	Mobilization (10%)	LSUM	1	\$50,912.00	\$50,912.00
2	Pre-Construction Audio-Visual	LSUM	1	\$1,570.00	\$1,570.00
3	Erosion Control, Silt Fence	Ft	3,000	\$ 1.75	\$5,250.00
4	Erosion Control, Inlet Protection, Fabric Drop	Ea	10	\$ 50.00	\$ 500.00
5	Erosion Control, Check Dam, Stone	Ft	100	\$ 59.43	\$ 5,943.00
6	Erosion Control, Inlet Protection, Sediment Trap	Ea	20	\$ 75.00	\$ 1,500.00
7	Erosion Control, Maintenance, Sediment Removal	Cyd	10	\$ 75.00	\$ 750.00



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Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
8	Riprap, Plain	Syd	116	\$ 63.55	\$ 7371.80
9	HMA Base Crushing and Shaping	Syd	28,764	\$ 2.75	\$ 79101.00
10	Material, Surplus and Unsuitable, Rem, LM	Cyd	403	\$ 19.75	\$ 7959.25
11	Culv, Rem, Less than 24 inch	Ea	10	\$ 150.00	\$ 1500.00
12	Culvert Cleanout	Ea	9	\$ 300.00	\$ 2700.00
13	Curb and Gutter, Rem	Ft	2,217	\$ 2.00	\$ 4434.00
15	HMA Surface, Rem	Syd	2,417	\$ 13.04	\$ 31517.68
16	Pavt, Rem	Syd	817	\$ 13.04	\$ 10653.68
17	Sidewalk, Rem	Syd	199	\$ 7.00	\$ 1393.00
18	Roadway Grading	Sta	68	\$ 2700.00	\$ 183600.00
19	Subgrade Undercutting, Special	Cyd	200	\$ 59.29	\$ 11858.00
20	Shoulder, Cl II, 6 inch	Syd	4,274	\$ 8.00	\$ 34,192.00
21	Sidewalk Ramp, Conc, 6 inch	Sft	1,964	\$ 6.00	\$ 11784.00
22	Detectable Warning Surface	Ft	95	\$ 40.00	\$ 3800.00
23	Aggregate Base, 21AA Limestone, 6 inch	Syd	5,962	\$ 8.12	\$ 48411.44
24	Aggregate Base, 21AA Limestone	Ton	1,843	\$ 20.00	\$ 36860.00
25	Driveway, Nonreinf Conc, 6 inch	Syd	119	\$ 54.00	\$ 6426.00
26	Aggregate Surface Cse, 6 inch	Syd	50	\$ 25.00	\$ 1250.00
27	Guardrail, Rem	Ft	240	\$ 3.13	\$ 751.20
28	Guardrail, Type B	Ft	238	\$ 23.77	\$ 5657.26
29	Guardrail Approach Terminal, Type 2B	Ea	1	\$ 2514.83	\$ 2514.83
30	Guardrail Departing Terminal, Type B	Ea	1	\$ 1090.45	\$ 1090.45
31	Dr Structure Cover, Type B	Ea	4	\$ 540.00	\$ 2160.00
32	Dr Structure Cover, Type G	Ea	3	\$ 450.00	\$ 1350.00
33	Dr Structure, Rem	Ea	1	\$ 650.00	\$ 650.00



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Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
34	Dr Structure, 48 inch dia	Ea	1	\$ 2900.00	\$ 2900.00
35	Dr Structure Cover, Adj, Case 1	Ea	8	\$ 295.00	\$ 2360.00
36	Dr Structure Cover, Adj, Case 2	Ea	12	\$ 295.00	\$ 3540.00
37	DPS Structure Cover, Adj, Case 1	Ea	7	\$ 295.00	\$ 2065.00
38	DPS Structure Cover, Adj, Case 2	Ea	12	\$ 295.00	\$ 3540.00
39	Dr Structure, Adj, Add Depth	Ft	1	\$ 250.00	\$ 250.00
40	Point-Up Drainage Structure	Ea	1	\$ 175.00	\$ 175.00
41	Reconstruct Drainage Structure	Ft	3	\$ 250.00	\$ 750.00
42	Culv End Sect, Conc, 12 inch	Ea	8	\$ 350.00	\$ 2800.00
43	Culv End Sect, Conc, 18 inch	Ea	2	\$ 630.00	\$ 1260.00
44	Culv End Sect, Conc, 24 inch	Ea	1	\$ 765.00	\$ 765.00
45	Culv, Cl F, 12 inch	Ft	205	\$ 35.00	\$ 7175.00
46	Culv, Cl F, 18 inch	Ft	53	\$ 45.00	\$ 2385.00
47	Culv, Cl F, 24 inch	Ft	70	\$ 50.00	\$ 3500.00
48	Dr Structure, Tap, 6 inch	Ea	10	\$ 200.00	\$ 2000.00
49	Dr Structure, Tap, 26 inch	Ea	1	\$ 1000.00	\$ 1000.00
50	Sewer, Cl E, Tr Det A, 24 inch	Ft	130	\$ 65.00	\$ 8450.00
51	HMA, 4E3	Ton	4,070	\$ 78.12	\$ 317948.40
52	HMA, 3E3	Ton	6,782	\$ 67.70	\$ 459141.40
53	HMA Approach	Ton	1,730	<del>\$ 93.74</del> \$ 89.75	<del>162,170.20</del> \$ 155,267.50
54	Curb and Gutter, Conc, Det D2	Ft	550	\$ 24.00	\$ 13200.00
55	Curb and Gutter, Conc, Det F4	Ft	1,869	\$ 21.00	\$ 39249.00
56	Driveway Opening, Conc, Det M	Ft	165	\$ 24.00	\$ 3960.00
57	Spillway, Conc	Ft	16	\$ 40.00	\$ 640.00
58	Shoulder Gutter, Conc, Det 2	Ea	2	\$ 400.00	\$ 800.00



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Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
59	Underdrain, Subgrade, Open-Graded, 6 inch	Ft	5,957	\$ 9.04	\$ 53851.28
60	Underdrain Outlet, 6 inch	Ft	270	\$ 17.89	\$ 4830.30
61	Underdrain, Outlet Ending, 6 inch	Ea	15	\$ 250.00	\$ 3750.00
62	Hydrant, Adjust	Ea	4	\$ 1800.00	\$ 7200.00
63	Post, Mailbox	Ea	35	\$ 100.00	\$ 3500.00
64	Post, Steel, 3 lb	Ft	1,450	\$ 7.00	\$ 10150.00
65	Post, Wood, 6 inch by 8 inch	Ft	136	\$ 22.50	\$ 3060.00
66	Sign, Type IIA	Sft	11	\$ 16.80	\$ 184.80
67	Sign, Type III, Erect, Salv	Ea	23	\$ 40.00	\$ 920.00
68	Sign, Type III, Rem	Ea	70	\$ 15.00	\$ 1050.00
69	Sign, Type IIIA	Sft	83	\$ 15.60	\$ 1294.80
70	Sign, Type IIIB	Sft	426	\$ 15.85	\$ 6752.10
71	Pavt Mrkg, Waterborne, 6 inch, Crosswalk	Ft	520	\$ 1.50	\$ 780.00
72	Pavt Mrkg, Waterborne, 12 inch, Crosswalk	Ft	495	\$ 3.00	\$ 1485.00
73	Pavt Mrkg, Waterborne, 18 inch, Stop Bar	Ft	265	\$ 5.00	\$ 1325.00
74	Pavt Mrkg, Waterborne, Directional Arrow Symbol, Bike	Ea	22	\$ 65.00	\$ 1430.00
75	Pavt Mrkg, Waterborne, Bike, Small Symbol	Ea	22	\$ 65.00	\$ 1430.00
76	Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	Ea	5	\$ 65.00	\$ 325.00
77	Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	Ea	6	\$ 65.00	\$ 390.00
78	Pavt Mrkg, Waterborne, School	Ea	3	\$ 100.00	\$ 300.00
79	Pavt Mrkg, Waterborne, Thru and Rt Turn Arrow Sym	Ea	1	\$ 85.00	\$ 85.00
80	Pavt Mrkg, Waterborne, Sharrow Symbol	Ea	2	\$ 95.00	\$ 190.00
81	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	Ft	1,020	\$ 0.30	\$ 306.00
82	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	Ft	15,630	\$ 0.30	\$ 4689.00
83	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	Ft	12,860	\$ 0.42	\$ 5401.20



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Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
84	Flsh Beacon, Solar Power	Ea	4	\$4175.00	\$16700.00
85	Pavt Mrkg, Ovly Cold Plastic, Only	Ea	3	\$165.00	\$495.00
86	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	Ea	2	\$165.00	\$330.00
87	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	Ea	2	\$195.00	\$390.00
88	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	Ea	1	\$155.00	\$155.00
89	Rem Spec Mrkg	Sft	150	\$2.95	\$442.50
90	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	Ea	20	\$85.00	\$1700.00
91	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	Ea	20	\$0.01	\$0.20
92	Barricade, Type III, High Intensity, Lighted, Furn	Ea	10	\$75.00	\$750.00
93	Barricade, Type III, High Intensity, Lighted, Oper	Ea	10	\$0.01	\$0.10
94	Channelizing Device, 42 inch, Furn	Ea	360	\$20.00	\$7200.00
95	Channelizing Device, 42 inch, Oper	Ea	360	\$0.01	\$3.60
96	Lighted Arrow, Type C, Furn	Ea	2	\$500.00	\$1000.00
97	Lighted Arrow, Type C, Oper	Ea	2	\$0.01	\$0.02
98	Minor Traf Devices	LSUM	1	\$1000.00	\$1000.00
99	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	Ft	8,000	\$0.65	\$5200.00
100	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	Ft	6,000	\$0.65	\$3900.00
101	Plastic Drum, High Intensity, Furn	Ea	120	\$20.00	\$2400.00
102	Plastic Drum, High Intensity, Oper	Ea	120	\$0.01	\$1.20
103	Sign Cover	Ea	4	\$50.00	\$200.00
104	Sign, Type A, Temp, Prismatic, Furn	Sft	20	\$6.00	\$120.00
105	Sign, Type A, Temp, Prismatic, Oper	Sft	20	\$0.01	\$0.20
106	Sign, Type B, Temp, Prismatic, Furn	Sft	1,700	\$5.00	\$8500.00
107	Sign, Type B, Temp, Prismatic, Oper	Sft	1,700	\$0.01	\$17.00
108	Sign, Type B, Temp, Prismatic, Special, Furn	Sft	200	\$12.00	\$2400.00



Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
109	Sign, Type B, Temp, Prismatic, Special, Oper	Sft	200	\$ <del>12.00</del> <sup>0.0100</sup>	\$ 2.00
110	Traf Regulator Control	LSUM	1	\$ 18230.00	\$ 18230.00
111	Pedestrian Type II Barricade, Temp	Ea	10	\$ 150.00	\$ 1500.00
114	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	Ea	4	\$ 4000.00	\$ 16000.00
115	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	Ea	4	\$ 0.01	\$ 0.04
116	TS, Bag	Ea	2	\$ 600.00	\$ 1200.00
117	TS, Bag, Rem	Ea	2	\$ 500.00	\$ 1000.00
118	Maintainence Gravel, LM	Cyd	550	\$ 25.00	\$ 13750.00
119	Fence, Protective	Ft	100	\$ 15.00	\$ 1500.00
120	Surface Restoration	Sta	68	\$ 585.00	\$ 39780.00
130	Crew Days	Day	80.0	\$ 700.00	\$ 56000.00
131	Pavt, Rem, Special	Syd	230	\$ 15.00	\$ 3450.00
132	RCOC Permit Allowance	Dlr	2500	\$ 1.00	\$ 2500.00
<b>TOTAL BASE BID:</b>				\$ 1,929,930.93	



**BID ALTERNATE 1**

Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
13	Curb and Gutter, Rem	Ft	93	\$ 2.00	\$ 186.00
14	Cold Milling HMA Surface	Syd	1764	\$ 6.50	\$ 11466.00
17	Sidewalk, Rem	Syd	156	\$ 7.00	\$ 1092.00
21	Sidewalk Ramp, Conc, 6 inch	Sft	1330	\$ 6.00	\$ 7980.00
22	Detectable Warning Surface	Ft	42	\$ 40.00	\$ 1680.00
35	Dr Structure Cover, Adj, Case 1	Ea	2	\$ 295.00	\$ 590.00
36	Dr Structure Cover, Adj, Case 2	Ea	2	\$ 295.00	\$ 590.00
38	DPS Structure Cover, Adj, Case 2	Ea	1	\$ 295.00	\$ 295.00
51	HMA, 4E3	Ton	241	\$ 100.46	\$ 24210.86
53	HMA Approach	Ton	20	\$ 120.00	\$ 2400.00
55	Curb and Gutter, Conc, Det F4	Ft	93	\$ 21.00	\$ 1953.00
121	Pushbutton, Rem	Ea	8	\$ 100.00	\$ 800.00
122	TS, Pedestrian, Bracket Arm Mtd, Rem	Ea	4	\$ 220.00	\$ 880.00
123	Pushbutton Support Post, RCOG	Ea	8	\$ 225.00	\$ 1800.00
124	Conduit, DB, 1, 1 1/4 inch	Ft	210	\$ 18.75	\$ 3937.50
125	Conduit, DB, 1, 3 inch	Ft	45	\$ 22.00	\$ 990.00
126	Hh, Round	Ea	3	\$ 1400.00	\$ 4200.00
127	Pushbutton and Sign	Ea	8	\$ 925.00	\$ 7400.00
128	Wood Pole, Fit Up, TS Cable Pole	Ea	2	\$ 750.00	\$ 1500.00
129	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	Ea	4	\$ 1925.00	\$ 7700.00
130	Crew Days	Day	17.5	\$700.00	\$ 12250.00
133	HMA Base Repair	Syd	100	\$ 81.57	\$ 8157.00
<b>TOTAL BID ALTERNATE 1:</b>					\$ 102,057.36



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**BID ALTERNATE 2**

Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
64	Post, Steel, 3 lb	Ft	56	\$ 7.00	\$ 392.00
65	Post, Wood, 6 inch by 8 inch	Ft	36	\$ 22.50	\$ 810.00
68	Sign, Type III, Rem	Ea	11	\$ 15.00	\$ 165.00
69	Sign, Type IIIA	Sft	51	\$ 15.60	\$ 795.60
70	Sign, Type IIIB	Sft	25	\$ 15.85	\$ 396.25
77	Flsh Beacon, Solar Power	Ea	4	\$ 4175.00	\$ 16700.00
84	Crew Days	Day	3	\$700.00	\$ 2100.00
<b>TOTAL BID ALTERNATE 2:</b>				\$	21,358.85

**BID SUMMARY**

BASE BID	\$ 1,929,930.93
BID ALTERNATE 1	\$ 102,057.36
BID ALTERNATE 2	\$ 21,358.85
TOTAL BID	\$ 2,053,347.14

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 can begin until June 18, 2018.**



**CITY OF NOVI**  
Rev 3/12/15

**Substantial Completion (open to traffic) shall be no later than August 30, 2018.**

**Final Completion shall be no later than September 14, 2018.**

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 Five Hundred Dollars (\$1500.00) 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 5-1-18  
Date\*

4751 WHITE LAKE RD  
Street\*

CLARSTON, MI 48346  
City, State, ZIP\*

(248) 620-7952  
Telephone Number\*

(248) 625-6567  
Facsimile Number\*

BY: CADILLAC ASPHALT, LLC  
Name of Bidder\*

Julie Snurka  
Signature

JULIE SNURKA, ESTIMATOR  
Name and Title of Signatory\*

\*Typed or printed in ink.

