



CITY of NOVI CITY COUNCIL

**Agenda Item 7
May 21, 2018**

SUBJECT: Approval to award the construction contract for Thirteen Mile Road Rehabilitation (Novi Road to Meadowbrook Road) to Hutch Paving Inc., the low-bidder, in the amount of \$462,039.90.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division

CITY MANAGER APPROVAL: 

EXPENDITURE REQUIRED	\$ 462,039.90
AMOUNT BUDGETED	\$ 917,783 (FY 2018-19)
APPROPRIATION REQUIRED	N/A
LINE ITEM NUMBER	202-202.00-865.176

BACKGROUND INFORMATION:

The City recognized the need and planned for the rehabilitation of Thirteen Mile Road from Novi Road to Meadowbrook Road. The proposed work initially identified by the City included milling and filling the existing asphalt road. The geotechnical investigation identified peat and other organic material present in the subgrade, and therefore, recommended reconstruction for a portion of the project limits. The geotechnical investigation confirmed the mill and fill rehabilitation for the remainder of Thirteen Mile Road. These proposed road repairs project a 15-year minimum service life.

Consulting Engineer Spalding DeDecker assisted the Engineering Division developing plans for this project. Staff advertised plans for public bids on March 28, 2018. The City received and opened five (5) bids on April 25, 2018. Hutch Paving Inc.'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 and bid tabulation are attached for review and reference. The summary of the bid tabulation is as follows:

Contractor	Base Bid (including Crew Days)*
Hutch Paving Inc.	\$ 472,539.90
Pro-Line Asphalt	\$ 548,318.00
Cadillac Asphalt	\$ 563,508.82
Florence Cement	\$ 589,496.00
Ajax Paving	\$ **

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

****Ajax Paving's bid did not include Addendum No. 1 so the amount is not included here.**

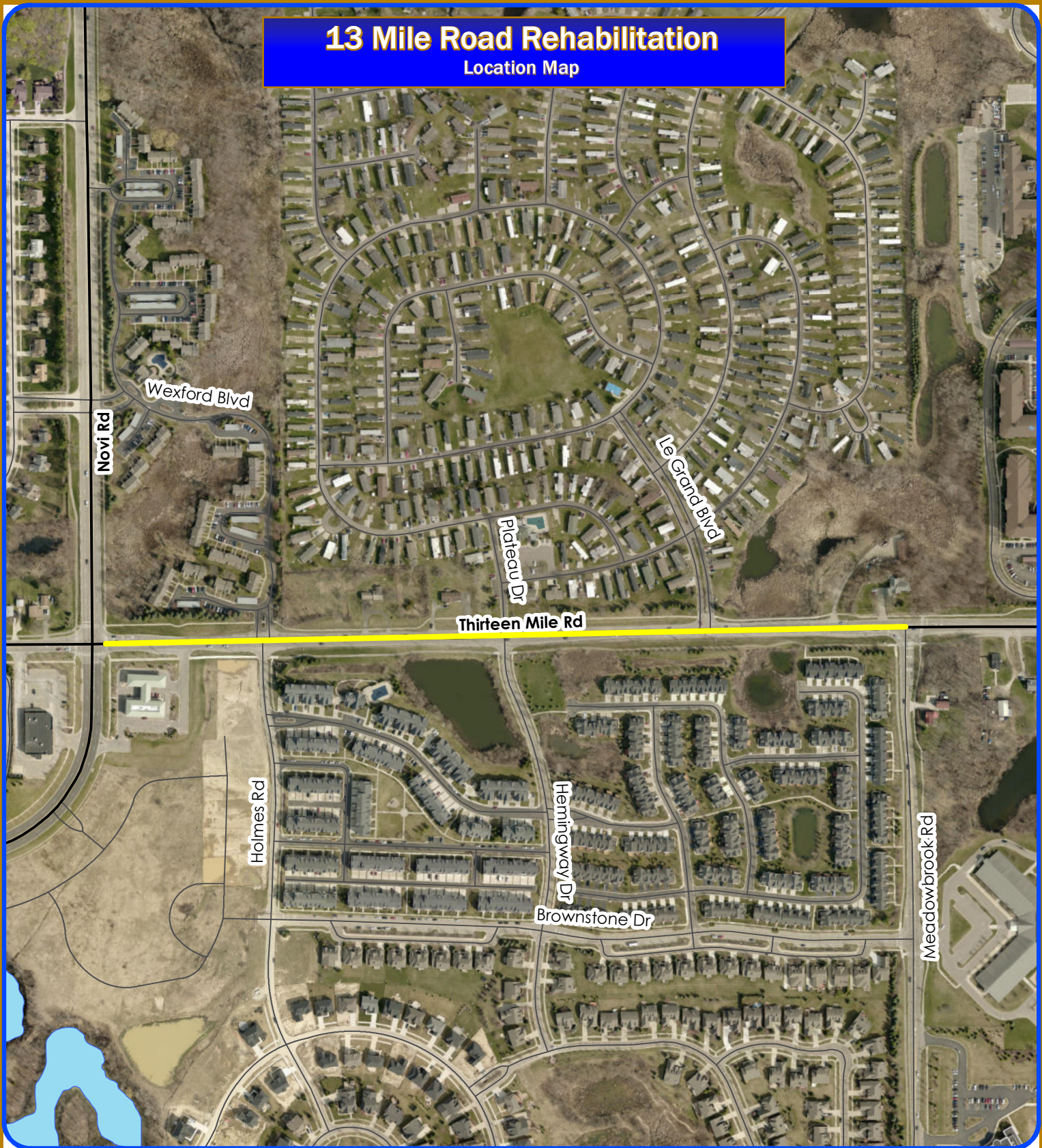
The construction engineering services award associated with this project is proposed elsewhere on this agenda. Staff is seeking approval to award the project on this agenda, in order to facilitate construction when the funds become available at the start of the

fiscal year (July 1, 2018). Estimated substantial completion for the project is before the fall school semester starts.

RECOMMENDED ACTION: Approval to award the construction contract for Thirteen Mile Road Rehabilitation (Novi Road to Meadowbrook Road) to Hutch Paving Inc., the low-bidder, in the amount of \$462,039.90.

13 Mile Road Rehabilitation


Location Map

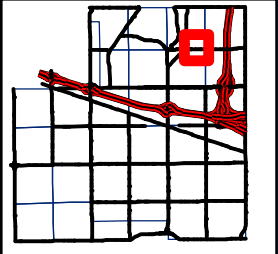


Map Author: Joseph Akers
 Date: April 27, 2018
 Project: 13 Mile Road Rehabilitation
 Version #: 1


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 = 419 feet



April 27, 2018

Mr. Joe Akers, Civil Engineer
City of Novi
26300 Lee BeGole Drive
Novi, Michigan 48375

Re: **Recommendation for Award**
13 Mile Road Reconstruction
SDA Project No.: NV17-011

Dear Mr. Akers:

On April 25, 2018 at 2:00 p.m., construction bids were opened and publicly read at the City of Novi Civic Center for 13 Mile Road Reconstruction. The project consists of reconstruction of 0.6 miles of 13 Mile Road, including HMA surface and base removal and replacement, milling and HMA overlay, and new HMA construction in lane extension areas.

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, Hutch Paving, submitted a total bid of \$472,539.90. 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, Spalding DeDecker finds that Hutch Paving is qualified to perform the required construction.

It is our recommendation that the project be awarded to the low bidder, Hutch Paving, for the 13 Mile Road Reconstruction in the amount of \$462,039.90, which is the total bid of \$472,539.90 minus \$10,500.00 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 Hutch Paving.

Very Truly Yours,
SPALDING DEDECKER


Taylor E. Reynolds, PE

Senior Project Engineer

Encl: Bid Tabulation

BID TABULATION - 13 MILE ROAD RECONSTRUCTION

CITY OF NOVI

5 Bids received, opened 04/25/2018

Project No. NV17-011

By: MSF

Reviewed: TER

BASE BID				HUTCH PAVING INC.		PRO-LINE ASPHALT		CADILLAC ASPHALT	
No		QUANTITY	UNIT	UNIT PRICE (\$)	AMOUNT (\$)	UNIT PRICE (\$)	AMOUNT (\$)	UNIT PRICE (\$)	AMOUNT (\$)
1	Bonds, Insurance & Mobilization (5% max)	1	LS	\$ 17,698.00	17,698.00	\$27,000.00	27,000.00	\$25,500.00	25,500.00
2	Pre Construction Audio/Visual DVD Coverage	1	LS	\$ 1.00	1.00	\$1,200.00	1,200.00	\$1,200.00	1,200.00
3	Soil Erosion and Sedimentation Control Measures	1	LS	\$ 1.00	1.00	\$5,000.00	5,000.00	\$1,000.00	1,000.00
4	Temporary Traffic Control Devices	1	LS	\$ 12,000.00	12,000.00	\$38,000.00	38,000.00	\$51,530.00	51,530.00
5	Construction Protection Fencing - Orange	200	LF	\$ 8.00	1,600.00	\$2.00	400.00	\$4.00	800.00
6	Cold Milling, HMA Surface	11,335	SY	\$ 2.15	24,370.25	\$2.70	30,604.50	\$2.10	23,803.50
7	HMA Surface Repair	100	SY	\$ 45.00	4,500.00	\$80.00	8,000.00	\$142.60	14,260.00
8	Joint and Crack Cleanout & Repair	200	LF	\$ 10.00	2,000.00	\$17.00	3,400.00	\$28.85	5,770.00
9	Sidewalk, Remove	55	SF	\$ 10.00	550.00	\$10.00	550.00	\$4.00	220.00
10	Curb and Gutter, Conc, Remove	334	LF	\$ 12.00	4,008.00	\$11.00	3,674.00	\$18.00	6,012.00
11	HMA Surface, Remove	1,733	SY	\$ 5.00	8,665.00	\$6.00	10,398.00	\$15.50	26,861.50
12	HMA Drive, Remove	198	SY	\$ 10.00	1,980.00	\$15.00	2,970.00	\$15.00	2,970.00
13	Guardrail, Rem	315	LF	\$ 6.00	1,890.00	\$3.00	945.00	\$3.00	945.00
14	Excavation, Earth	1,260	CY	\$ 15.00	18,900.00	\$20.00	25,200.00	\$13.00	16,380.00
15	Subgrade Undercut (As Needed)	500	CY	\$ 35.00	17,500.00	\$10.00	5,000.00	\$50.00	25,000.00
16	Str Rehab Type 1: Point-Up Structure	1	EA	\$ 1.00	1.00	\$750.00	750.00	\$300.00	300.00
17	Str Rehab Type 2: Structure Cover Adjust	6	EA	\$ 1.00	6.00	\$750.00	4,500.00	\$900.00	5,400.00
18	Str Rehab Type 3: Reconstruct Structure	2	EA	\$ 1.00	2.00	\$1,200.00	2,400.00	\$1,700.00	3,400.00
19	Structure Cover, Type A	2	EA	\$ 350.00	700.00	\$700.00	1,400.00	\$650.00	1,300.00
20	Structure Cover, Type D	3	EA	\$ 350.00	1,050.00	\$600.00	1,800.00	\$500.00	1,500.00
21	Structure Cover, Type SL	2	EA	\$ 350.00	700.00	\$1,100.00	2,200.00	\$900.00	1,800.00
22	Sewer C76 CL IV, 12 inch	32	LF	\$ 65.00	2,080.00	\$100.00	3,200.00	\$60.00	1,920.00
23	Dr Structure, 48 inch Dia	1	EA	\$ 3,500.00	3,500.00	\$3,500.00	3,500.00	\$6,000.00	6,000.00
24	Dr Structure, Tap, 12 inch Dia	1	EA	\$ 500.00	500.00	\$800.00	800.00	\$600.00	600.00
25	Geogrid, TX190	1,460	SY	\$ 6.00	8,760.00	\$6.00	8,760.00	\$9.00	13,140.00
26	Geogrid, TX5	1,460	SY	\$ 6.50	9,490.00	\$4.00	5,840.00	\$5.00	7,300.00
27	Aggregate Base, 12 Inch, 1"x3" Slag	1,460	SY	\$ 9.00	13,140.00	\$14.00	20,440.00	\$13.75	20,075.00
28	Aggregate Base, 10.5 Inch, 21AA	1,940	SY	\$ 12.15	23,571.00	\$15.00	29,100.00	\$14.00	27,160.00
29	Aggregate Base, 6 Inch, Limestone	10	SY	\$ 60.00	600.00	\$50.00	500.00	\$20.00	200.00
30	Shoulder, 6 Inch, 22A	1,412	SY	\$ 8.20	11,578.40	\$13.00	18,356.00	\$11.66	16,463.92
31	Curb and Gutter, Conc, Modified	520	LF	\$ 22.00	11,440.00	\$25.00	13,000.00	\$25.00	13,000.00
32	ADA Ramp, Conc, 6 Inch	160	SF	\$ 6.50	1,040.00	\$10.00	1,600.00	\$10.00	1,600.00
33	ADA Detectable Warning Plate	36	SF	\$ 45.00	1,620.00	\$25.00	900.00	\$25.00	900.00
34	HMA, 4E10	2,390	TON	\$ 91.25	218,087.50	\$87.00	207,930.00	\$79.00	188,810.00
35	Hand Patching	5	TON	\$ 200.00	1,000.00	\$200.00	1,000.00	\$200.00	1,000.00
36	Guardrail, Type B	257	LF	\$ 35.00	8,995.00	\$20.00	5,140.00	\$20.00	5,140.00
37	Guardrail, Approach Terminal, Type B	2	Ea	\$ 3,200.00	6,400.00	\$2,500.00	5,000.00	\$2,500.00	5,000.00
38	Guardrail, Reflector	5	EA	\$ 15.00	75.00	\$10.00	50.00	\$10.00	50.00
39	Pavement Marking, "ONLY" Symbol	1	EA	\$ 175.00	175.00	\$165.00	165.00	\$165.00	165.00
40	Pavement Marking, Right Turn Arrow Symbol	5	EA	\$ 175.00	875.00	\$165.00	825.00	\$165.00	825.00
41	Pavement Marking, Left Turn Arrow Symbol	2	EA	\$ 175.00	350.00	\$165.00	330.00	\$165.00	330.00
42	Pavement Marking, Stop Bar, 24 Inch	62	LF	\$ 9.50	589.00	\$9.00	558.00	\$8.95	554.90
43	Pavement Marking, White, 4 Inch	4,445	LF	\$ 0.55	2,444.75	\$0.50	2,222.50	\$0.45	2,000.25
44	Pavement Marking, Yellow, 4 Inch	6,560	LF	\$ 0.55	3,608.00	\$0.50	3,280.00	\$0.45	2,952.00
45	Pavement Marking, 12 inch Cross Hatch, Yellow	190	LF	\$ 2.10	399.00	\$2.00	380.00	\$1.95	370.50
46	Pavement Marking, 18 inch Crosswalk, Transverse	370	LF	\$ 5.50	2,035.00	\$5.00	1,850.00	\$4.95	1,831.50
47	Pavement Marking, 12 inch Crosswalk, Longitudinal	230	LF	\$ 5.50	1,265.00	\$5.00	1,150.00	\$4.90	1,127.00
48	Sign, R3-7R, Complete	1	EA	\$ 550.00	550.00	\$350.00	350.00	\$473.50	473.50
49	Sign, R3-8B, Complete	1	EA	\$ 450.00	450.00	\$350.00	350.00	\$377.50	377.50
50	Sign, R3-9B, Complete	1	EA	\$ 300.00	300.00	\$350.00	350.00	\$220.75	220.75
51	Restoration	1	LS	\$ 7,500.00	7,500.00	\$10,000.00	10,000.00	\$9,670.00	9,670.00
52	Monument Adjustment Allowance	1,500	DLR	\$ 1.00	1,500.00	\$1.00	1,500.00	\$1.00	1,500.00
53	Inspection Crew Days	\$ 700.00	DAY	15	10,500.00	35	24,500.00	24	16,800.00
TOTAL					472,539.90		\$ 548,318.00		\$ 563,508.82

Other Bids Received: FLORENCE CEMENT \$589,496.00

AJAX PAVING Bid does not include Addendum No.1

Addendum No. 1
04-20-2018

BID
for
13 MILE ROAD RECONSTRUCTION

Bid of Hutch Paving Inc. hereinafter called Bidder, organized and existing under the laws of or a resident of the State of Michigan, doing business as Hutch Paving Inc. 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 or 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>4/20/2018</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

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:

Item No.	Ref Spec	Item Description	Qty	Unit	Unit Price	Total Price
1	02.02	Bonds, Insurance and Mobilization (5% Max)	1	LS	17,698.00	17,698.00
2	02.02	Pre-Construction Audio-Visual	1	LS	1.00	1.00
3	30.11	Soil Erosion Control Measures	1	LS	1.00	1.00
4	30.12	Temporary Traffic Control Devices	1	LS	12,000.00	12,000.00
5	30.13	Construction Protection Fencing - Orange	200	LF	8.00	1,600.00
6	M	Cold Milling, HMA Surface	11,335	SY	2.15	24,370.25
7	30.15	HMA Surface Repair	100	SY	45.00	4,500.00



8	30.16	Joint and Crack Cleanout & Repair	200	LF	10.00	2,000.00
9	30.17	Sidewalk, Remove	55	SF	10.00	550.00
10	30.18	Curb and Gutter, Conc, Remove	334	LF	12.00	4,008.00
11	30.19	HMA Surface, Remove	1,733	SY	5.00	8,665.00
12	30.20	HMA Drive, Remove	198	SY	10.00	1,980.00
13	M204	Guardrail, Rem	315	LF	6.00	1,890.00
14	M205	Excavation, Earth	1,260	CY	15.00	18,900.00
15	30.21	Subgrade Undercut (As Needed)	500	CY	35.00	17,500.00
16	30.22	Str Rehab Type 1: Point-Up Structure	1	EA	1.00	1.00
17	30.23	Str Rehab Type 2: Structure Cover Adjust	6	EA	1.00	6.00
18	30.24	Str Rehab Type 3: Reconstruct Structure	2	EA	1.00	2.00
19	30.25	Structure Cover, Type A	2	EA	350.00	700.00
20	30.25	Structure Cover, Type D	3	EA	350.00	1,050.00
21	30.25	Structure Cover, Type SL	2	EA	350.00	700.00
22	M402	Sewer C76 CL IV, 12 inch	32	LF	65.00	2,080.00
23	M403	Dr Structure, 48 inch Dia	1	EA	3,500.00	3,500.00
24	M403	Dr Structure, Tap, 12 inch Dia	1	EA	500.00	500.00
25	30.26	Geogrid, TX190	1,460	SY	6.00	8,760.00
26	30.27	Geogrid, TX5	1,460	SY	6.50	9,490.00
27	M302	Aggregate Base, 12 Inch, 1"x3" Slag	1,460	SY	9.00	13,140.00
28	M302	Aggregate Base, 10.5 Inch, 21AA	1,940	SY	12.15	23,571.00
29	30.28	Aggregate Base, 6 Inch, Limestone	10	SY	60.00	600.00
30	M302	Shoulder, 6 Inch, 22A	1,412	SY	8.20	11,578.40
31	30.29	Curb and Gutter, Conc, Modified	520	LF	22.00	11,440.00
32	30.30	ADA Ramp, Conc, 6 Inch	160	SF	6.50	1,040.00
33	30.31	ADA Detectable Warning Plate	36	SF	45.00	1,620.00
34	M501	HMA, 4E10	2,390	TON	91.25	218,087.50
35	M501	Hand Patching	5	TON	200.00	1,000.00
36	M807	Guardrail, Type B	257	LF	35.00	8,995.00



37	M807	Guardrail, Approach Terminal, Type B	2	Ea	3,200.00	6,400.00
38	M807	Guardrail, Reflector	5	EA	15.00	75.00
39	30.32	Pavement Marking, "ONLY" Symbol	1	EA	175.00	175.00
40	30.32	Pavement Marking, Right Turn Arrow Symbol	5	EA	175.00	875.00
41	30.32	Pavement Marking, Left Turn Arrow Symbol	2	EA	175.00	350.00
42	30.32	Pavement Marking, Stop Bar, 24 Inch	62	LF	9.50	589.00
43	30.32	Pavement Marking, White, 4 Inch	4,445	LF	0.55	2,444.75
44	30.32	Pavement Marking, Yellow, 4 Inch	6,560	LF	0.55	3,608.00
45	M811	Pavement Marking, 12 inch Cross Hatch, Yellow	190	LF	2.10	399.00
46	M811	Pavement Marking, 18 inch Crosswalk, Transverse	370	LF	5.50	2,035.00
47	M811	Pavement Marking, 12 inch Crosswalk, Longitudinal	230	LF	5.50	1,265.00
48	30.33	Sign, R3-7R, Complete	1	EA	550.00	550.00
49	30.33	Sign, R3-8B, Complete	1	EA	450.00	450.00
50	30.33	Sign, R3-9B, Complete	1	EA	300.00	300.00
51	30.34	Restoration	1	LS	7,500.00	7,500.00
52	30.14	Monument Adjustment Allowance	1,500	DLR	1	1,500.00
53	1.04	Inspection Crew Days	15	DAY	\$700.00	10,500.00
TOTAL:					\$ 472,539.90	

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. **The undersigned shall complete the Work to Substantial Completion within 45 calendar days, and to Final Completion, including restoration and all punch list items, within 60 calendar days.**

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 Substantial Completion of the Work, within the time specified in this Bid, the OWNER will suffer a damage of Thirteen Hundred Dollars (\$1300.00) 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 4-25-18
Date*

BY: Hatch Power Inc.
Name of Bidder*

300 East Tow Mills
Street*

~~Signature~~
Signature

Warren, MI 48091
City, State, ZIP*

Michael H. Hornum
Name and Title of Signatory*

(248) 514-6926
Telephone Number*

Business Development Executive

(586) 427-7273
Facsimile Number*

*Typed or printed in ink.

