



CITY of NOVI CITY COUNCIL

Agenda Item 6
June 17, 2019

SUBJECT: Approval to award the construction contract for the Flint Street and Bond Street (Southwest Ring Road) Road, Culvert, Streambank Stabilization, and Utility Project to Fonson Company, Inc., the low bidder, in the amount of \$2,601,211.96.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

CITY MANAGER APPROVAL: *PR*

EXPENDITURE REQUIRED	\$ 1,662,698.44	Local Street Fund
	\$ 811,576.03	Drain Fund
	\$ 126,937.49	Water & Sewer Fund
	\$ 2,601,211.96	Total
AMOUNT BUDGETED	\$ 2,045,968	Local Street Fund (FY 2019-20 Budget)
	\$ 1,053,574	Drain Fund (FY 2018-19 Budget Rollover)
	\$ 152,767	Water & Sewer Fund (FY 2018-19 Budget Rollover)
APPROPRIATION REQUIRED	\$ 0	
LINE ITEM NUMBER	203-203.00-865.261	Local Street Fund
	210-211.00-865.129	Drain Fund
	592-592.00-865.261	Water & Sewer Fund

BACKGROUND INFORMATION:

The realignment and reconstruction of Flint Street and Bond Street is part of the Capital Improvement Program (CIP) for FY 2019-20. Flint/ Bond Street is the third of four road construction phases to complete the southwest quadrant of the ring road around the Grand River Avenue and Novi Road intersection. The work excludes the extension of the road west of the Flint Street/Bond Street intersection due to not being able to successfully acquire the necessary right-of-way and easements to properly construct the road extension. This portion of the future road extension will instead be incorporated as part of Phase #2, which will be extended to the west and then to north and connect into the signalized intersection of Grand River Avenue.

As part of the road reconstruction project, the existing gravel road will be replaced with an asphalt road with concrete curb and gutter. Proposed Bond Street, which is the east-west portion of the roadway, will include two 11'-wide lanes and an 8' parking lane. An 8'-wide sidewalk along the south side and a 10'-wide pathway on the north side of the roadway will be included as part of this project. Flint Street, which is the portion of roadway that runs north-south, will be reconstructed and include two 11'-wide lanes with curb and gutter and an 8'-wide pathway on the east side of the roadway. A future 6'-wide sidewalk extension would be required of the developer along the west side of Flint Street when the current vacant parcel (denoted as Hunter Development Company on the map) is developed.

In addition, the Middle Branch River Rouge crossing at Flint/Bond Street was identified in the City's Stormwater Master Plan as an area requiring remediation. The City's Environmental Consultant, Environmental Consulting and Technology (ECT), submitted the report, which identified four areas that need to be stabilized. Therefore, streambank stabilization will occur within these four areas as part of the overall project (shown in the map included as part of this packet). A custom manufactured, concrete box culvert will also replace the existing steel culvert that is in disrepair, where the Middle Branch of the Rouge River crosses beneath Flint/Bond Street.

In 2018, the Oakland County Board of Commissioners approved funding for the road project in the amount of \$244,897 under the Pilot Local Road Improvement Program (LRIP). The LRIP supports road construction projects that improve the economic development of the local communities.

Engineering staff advertised the plans for public bids on May 7, 2019. Following the solicitation period, three (3) bids were received and opened on May 29, 2019. The bid submitted by Fonson Company, Inc., is recommended as being in the best interest of the City as it is responsive and complies with all of the requirements of the bidding instructions. Attached in the packet is the award recommendation letter and bid tabulation. The summary of the bid tabulation is as follows:

Contractor	Base Bid (including Crew Days)*
Fonson Company, Inc.	\$ 2,664,211.96**
L.D'Agostini & Sons, Inc.	\$ 2,696,564.70**
Toebe Construction, LLC	\$ 2,815,802.25**
Dan's Excavating, Inc.	\$ 2,936,751.12**

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

The construction engineering services and geotechnical engineering services related to this project will be awarded to the following pre-qualified firms using the fee percentages in the Agreements for Professional Engineering Services and Geotechnical Engineering Services for Public Projects.

AECOM		
Contract Administration	4.75% of the construction award	\$123,557.57
Crew Days	\$700 daily inspection fee x 90 days	\$ 63,000.00
Testing Engineers and Consultants (TEC)		
Material testing services	1.9% of construction award	\$ 49,423.03

Work will start after July 1, 2019. It is anticipated the project will be substantially complete in fall 2019.

RECOMMENDED ACTION: Approval to award the construction contract for the Flint Street and Bond Street (Southwest Ring Road) Road, Culvert, Streambank Stabilization, and Utility Project to Fonson Company, Inc., the low bidder, in the amount of \$2,601,211.96.

PROPOSED FLINT/BOND STREET - PHASE 1 LIMITS

Location Map

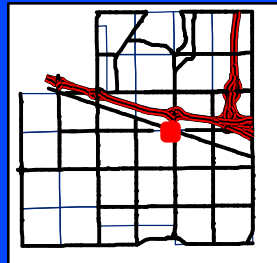


Map Author: Aaron Staup
 Date: May 22, 2019
 Project: Flint/Bond Street - Phase 1 Limits
 Version #: 1.3

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.



City of Novi

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



1 inch = 167 feet



Flint Street Streambank Stabilization and Culvert Replacement

Location Map



Map Author: Joseph Akers
 Date: June 4, 2018
 Project: Flint Street Streambank Stabilization and Culvert Replacement

Amended By:
 Date:
 Department:

MAP INTERPRETATION NOTICE

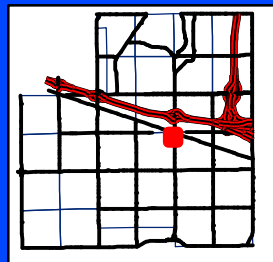
Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate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



Streambank Stabilization Site



Culvert Replacement



City of Novi

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

Feet
 0 30 60 120 180

1 inch = 167 feet





May 31, 2019
Mr. George Melistas
City of Novi
Engineering Department
26300 Lee BeGole Drive
Novi, MI 48375

Reference: Bid Analysis and Contract Award Recommendation
Bond St Construction Project
AECOM Project Number 60582577

Dear Mr. Melistas:

Attached is the Bid Tabulation for the above referenced project. Four bids were received and opened on May 29, 2019. Competition appears to have been very good. Minor mathematical errors were noted in the second and fourth highest bidders. After correction, these errors did not affect the order of bids.

The low bid is significantly higher than the Engineer's Estimate for the Base Project. We suspect that this is due to significant increases in material and labor costs in the region. MDOT has been experiencing similar bid results recently.

Fonson Company, Inc., the low bidder for the base project, has completed similar projects for the city and has performed well. The bonding company listed in the Statement of Qualifications has an AM Best rating that exceeds the minimum requirements.

We recommend award of contract for the Base Bid work only to Fonson Company, Inc. for \$2,601,211.96. The amount bid for Inspection (Crew Days) is not included in the award amount.

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

Sincerely,

A handwritten signature in blue ink that reads "Sean Kelsch".

Sean Kelsch, P.E.
Project Manager

cc: Mark Koskinen, AECOM

**CITY OF NOVI
TABULATION OF BIDS
5/29/2019
Bond St. Construction (Phase 1)**

Item	Item Description	Unit	Total Quan	Base Quan	Alt 1 Quan	Engineers Estimate				Fonson Company				L D'Agostini & Sons			
						Unit Price	Total Cost	Base Cost	Alt 1 Cost	Unit Price	Total Cost	Base Cost	Alt 1 Cost	Unit Price	Total Cost	Base Cost	Alt 1 Cost
1	Mobilization (10% Max.)	LSUM	1	1		\$ 143,821.43	\$ 143,821.43	\$ 143,821.43	\$ -	\$ 167,000.00	\$ 167,000.00	\$ 167,000.00	\$ -	\$ 170,000.00	\$ 170,000.00	\$ 170,000.00	\$ -
1A	Mobilization (Alt 1)	LSUM	1		1	\$ 25,477.84	\$ 25,477.84	\$ -	\$ 25,477.84	\$ 65,000.00	\$ 65,000.00	\$ -	\$ 65,000.00	\$ 50,000.00	\$ 50,000.00	\$ -	\$ 50,000.00
2	Pre-Construction Audio-Visual	LSUM	1	1		\$ 1,800.00	\$ 1,800.00	\$ 1,800.00	\$ -	\$ 970.00	\$ 970.00	\$ 970.00	\$ -	\$ 970.00	\$ 970.00	\$ 970.00	\$ -
2A	Pre-Construction Audio-Visual (Alt 1)	LSUM	1		1	\$ 200.00	\$ 200.00	\$ -	\$ 200.00	\$ 720.00	\$ 720.00	\$ -	\$ 720.00	\$ 720.00	\$ -	\$ 720.00	\$ 720.00
3	Maintaining Traffic	LSUM	1	1		\$ 18,000.00	\$ 18,000.00	\$ 18,000.00	\$ -	\$ 36,000.00	\$ 36,000.00	\$ 36,000.00	\$ -	\$ 24,824.55	\$ 24,824.55	\$ 24,824.55	\$ -
4	Stump Removal, Special	Acre	2	1.66		\$ 8,000.00	\$ 13,280.00	\$ 13,280.00	\$ -	\$ 11,000.00	\$ 18,260.00	\$ 18,260.00	\$ -	\$ 3,000.00	\$ 4,980.00	\$ 4,980.00	\$ -
5	Masonry and Conc Structure, Rem	Cyd	10	10		\$ 100.00	\$ 1,000.00	\$ 1,000.00	\$ -	\$ 100.00	\$ 1,000.00	\$ 1,000.00	\$ -	\$ 55.00	\$ 550.00	\$ 550.00	\$ -
6	HMA Surface, Rem	Syd	3,634	3634		\$ 4.00	\$ 14,536.00	\$ 14,536.00	\$ -	\$ 5.00	\$ 18,170.00	\$ 18,170.00	\$ -	\$ 5.00	\$ 18,170.00	\$ 18,170.00	\$ -
7	Pavt, Rem	Syd	586	586		\$ 5.00	\$ 2,930.00	\$ 2,930.00	\$ -	\$ 10.00	\$ 5,860.00	\$ 5,860.00	\$ -	\$ 7.50	\$ 4,395.00	\$ 4,395.00	\$ -
8	Sidewalk, Rem	Syd	83	83		\$ 4.00	\$ 332.00	\$ 332.00	\$ -	\$ 16.00	\$ 1,328.00	\$ 1,328.00	\$ -	\$ 4.00	\$ 332.00	\$ 332.00	\$ -
9	Curb and Gutter, Rem	Ft	574	574		\$ 4.00	\$ 2,296.00	\$ 2,296.00	\$ -	\$ 11.00	\$ 6,314.00	\$ 6,314.00	\$ -	\$ 5.00	\$ 2,870.00	\$ 2,870.00	\$ -
10	Guardrail, Rem	Ft	117	117		\$ 5.00	\$ 585.00	\$ 585.00	\$ -	\$ 29.34	\$ 3,432.78	\$ 3,432.78	\$ -	\$ 4.00	\$ 468.00	\$ 468.00	\$ -
11	Fence, Rem	Ft	192	192		\$ 3.00	\$ 576.00	\$ 576.00	\$ -	\$ 14.44	\$ 2,772.48	\$ 2,772.48	\$ -	\$ 40.00	\$ 7,680.00	\$ 7,680.00	\$ -
12	Subgrade Undercutting, Special	Cyd	400	300	100	\$ 45.00	\$ 18,000.00	\$ 13,500.00	\$ 4,500.00	\$ 59.00	\$ 23,600.00	\$ 17,700.00	\$ 5,900.00	\$ 50.00	\$ 20,000.00	\$ 15,000.00	\$ 5,000.00
13	Roadway Grading	Sta	16	13.90	2.5	\$ 3,000.00	\$ 49,200.00	\$ 41,700.00	\$ 7,500.00	\$ 26,304.00	\$ 431,385.60	\$ 365,625.60	\$ 65,760.00	\$ 9,000.00	\$ 147,600.00	\$ 125,100.00	\$ 22,500.00
14	Channel Grading	Sta	8	8.00		\$ 2,000.00	\$ 16,000.00	\$ 16,000.00	\$ -	\$ 8,100.00	\$ 64,800.00	\$ 64,800.00	\$ -	\$ 6,300.00	\$ 50,400.00	\$ 50,400.00	\$ -
15	Granular Material, Cl 3	Cyd	9,000	0	9,000	\$ 15.00	\$ 135,000.00	\$ -	\$ 135,000.00	\$ 40.00	\$ 360,000.00	\$ -	\$ 360,000.00	\$ 28.00	\$ 252,000.00	\$ -	\$ 252,000.00
16	Silt Fence	Ft	2,000	1800	200	\$ 1.25	\$ 2,500.00	\$ 2,250.00	\$ 250.00	\$ 4.00	\$ 8,000.00	\$ 7,200.00	\$ 800.00	\$ 1.30	\$ 2,600.00	\$ 2,340.00	\$ 260.00
17	Curb and Gutter Inlet Filter	Ea	24	19	5	\$ 120.00	\$ 2,880.00	\$ 2,280.00	\$ 600.00	\$ 160.00	\$ 3,840.00	\$ 3,040.00	\$ 800.00	\$ 100.00	\$ 2,400.00	\$ 1,900.00	\$ 500.00
18	Erosion Control, Turbidity Curtain, Shallow	Ft	200	200		\$ 5.00	\$ 1,000.00	\$ 1,000.00	\$ -	\$ 27.00	\$ 5,400.00	\$ 5,400.00	\$ -	\$ 20.00	\$ 4,000.00	\$ 4,000.00	\$ -
19	Aggregate Base, 21AA, Limestone, 10 inch	Syd	6,013	5002	1,011	\$ 11.00	\$ 66,143.00	\$ 55,022.00	\$ 11,121.00	\$ 15.00	\$ 90,195.00	\$ 75,030.00	\$ 15,165.00	\$ 15.00	\$ 90,195.00	\$ 75,030.00	\$ 15,165.00
20	Aggregate Base, 21AA, Limestone, 6 Inch	Syd	2,044	1739	305	\$ 8.50	\$ 17,374.00	\$ 14,781.50	\$ 2,592.50	\$ 12.00	\$ 24,528.00	\$ 20,868.00	\$ 3,660.00	\$ 11.00	\$ 22,484.00	\$ 19,129.00	\$ 3,355.00
21	Aggregate, 6A	Cyd	951	951		\$ 50.00	\$ 47,550.00	\$ 47,550.00	\$ -	\$ 60.00	\$ 57,060.00	\$ 57,060.00	\$ -	\$ 46.00	\$ 43,746.00	\$ 43,746.00	\$ -
22	Geotextile, Separator	Syd	1,686	1686		\$ 1.50	\$ 2,529.00	\$ 2,529.00	\$ -	\$ 2.00	\$ 3,372.00	\$ 3,372.00	\$ -	\$ 3.00	\$ 5,058.00	\$ 5,058.00	\$ -
23	Tensar TX5 Geogrid	Syd	4,943	4113	830	\$ 2.50	\$ 12,357.50	\$ 10,282.50	\$ 2,075.00	\$ 2.00	\$ 9,886.00	\$ 8,226.00	\$ 1,660.00	\$ 6.00	\$ 29,658.00	\$ 24,678.00	\$ 4,980.00
24	HMA, 36A	Ton	181	152	29	\$ 95.00	\$ 17,195.00	\$ 14,440.00	\$ 2,755.00	\$ 160.00	\$ 28,960.00	\$ 24,320.00	\$ 4,640.00	\$ 211.00	\$ 38,191.00	\$ 32,072.00	\$ 6,119.00
25	HMA, 13A	Ton	190	159	31	\$ 90.00	\$ 17,100.00	\$ 14,310.00	\$ 2,790.00	\$ 150.00	\$ 28,500.00	\$ 23,850.00	\$ 4,650.00	\$ 198.00	\$ 37,620.00	\$ 31,482.00	\$ 6,138.00
26	HMA, 3E3	Ton	1,596	1345	251	\$ 90.00	\$ 143,640.00	\$ 121,050.00	\$ 22,590.00	\$ 100.00	\$ 159,600.00	\$ 134,500.00	\$ 25,100.00	\$ 146.00	\$ 233,016.00	\$ 196,370.00	\$ 36,646.00
27	HMA, 5E3	Ton	700	599	101	\$ 95.00	\$ 66,500.00	\$ 56,905.00	\$ 9,595.00	\$ 130.00	\$ 91,000.00	\$ 77,870.00	\$ 13,130.00	\$ 204.00	\$ 142,800.00	\$ 122,196.00	\$ 20,604.00
28	HMA Approach	Ton	25	20	5	\$ 110.00	\$ 2,750.00	\$ 2,200.00	\$ 550.00	\$ 260.00	\$ 6,500.00	\$ 5,200.00	\$ 1,300.00	\$ 372.00	\$ 9,300.00	\$ 7,440.00	\$ 1,860.00
29	Hh, Rem	Ea	1	1		\$ 290.00	\$ 290.00	\$ 290.00	\$ -	\$ 1,675.00	\$ 1,675.00	\$ 1,675.00	\$ -	\$ 1,675.00	\$ 1,675.00	\$ 1,675.00	\$ -
30	Case Sign Panel, Rem	Ea	2	2		\$ 150.00	\$ 300.00	\$ 300.00	\$ -	\$ 700.00	\$ 1,400.00	\$ 1,400.00	\$ -	\$ 700.00	\$ 1,400.00	\$ 1,400.00	\$ -
31	Case Sign Panel	Ea	2	2		\$ 300.00	\$ 600.00	\$ 600.00	\$ -	\$ 1,100.00	\$ 2,200.00	\$ 2,200.00	\$ -	\$ 1,100.00	\$ 2,200.00	\$ 2,200.00	\$ -
32	Hh, Round	Ea	1	1		\$ 1,100.00	\$ 1,100.00	\$ 1,100.00	\$ -	\$ 2,360.00	\$ 2,360.00	\$ 2,360.00	\$ -	\$ 2,360.00	\$ 2,360.00	\$ 2,360.00	\$ -
33	Illuminated	Ea	1	1		\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ -	\$ 3,075.00	\$ 3,075.00	\$ 3,075.00	\$ -	\$ 3,075.00	\$ 3,075.00	\$ 3,075.00	\$ -
34	Conduit, DB, 1, 1 1/4 inch	Ft	20	20		\$ 15.00	\$ 300.00	\$ 300.00	\$ -	\$ 50.00	\$ 1,000.00	\$ 1,000.00	\$ -	\$ 50.00	\$ 1,000.00	\$ 1,000.00	\$ -
35	Maintaining Stream Flow	LSUM	1	1		\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ -	\$ 108,000.00	\$ 108,000.00	\$ 108,000.00	\$ -	\$ 23,000.00	\$ 23,000.00	\$ 23,000.00	\$ -
36	Riprap, Plain, Mod	Syd	179	179		\$ 60.00	\$ 10,740.00	\$ 10,740.00	\$ -	\$ 98.00	\$ 17,542.00	\$ 17,542.00	\$ -	\$ 41.00	\$ 7,339.00	\$ 7,339.00	\$ -
37	Backfill, Structure, CIP	Cyd	1,450	1450		\$ 16.00	\$ 23,200.00	\$ 23,200.00	\$ -	\$ 42.00	\$ 60,900.00	\$ 60,900.00	\$ -	\$ 55.00	\$ 79,750.00	\$ 79,750.00	\$ -
38	Structures, Rem	LSUM	1	1		\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ -	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ -	\$ 45,000.00	\$ 45,000.00	\$ 45,000.00	\$ -
39	Excavation, Fdn	Cyd	2,750	2750		\$ 16.00	\$ 44,000.00	\$ 44,000.00	\$ -	\$ 18.00	\$ 49,500.00	\$ 49,500.00	\$ -	\$ 22.00	\$ 60,500.00	\$ 60,500.00	\$ -
40	Conc, Grade S2	Cyd	195	195		\$ 600.00	\$ 117,000.00	\$ 117,000.00	\$ -	\$ 941.67	\$ 183,625.65	\$ 183,625.65	\$ -	\$ 925.00	\$ 180,375.00	\$ 180,375.00	\$ -
41	Culv, Precast Conc Box, 14 foot by 7 foot, Install	Ft	66	66		\$ 800.00	\$ 52,800.00	\$ 52,800.00	\$ -	\$ 850.00	\$ 56,100.00	\$ 56,100.00	\$ -	\$ 900.00	\$ 59,400.00	\$ 59,400.00	\$ -
42	Culv, Bedding, Box Culv	Cyd	110	110		\$ 60.00	\$ 6,600.00	\$ 6,600.00	\$ -	\$ 80.00	\$ 8,800.00	\$ 8,800.00	\$ -	\$ 90.00	\$ 9,900.00	\$ 9,900.00	\$ -
43	Reinforcement, Steel, Epoxy Coated	Lb	33,555	33555		\$ 1.25	\$ 41,943.75	\$ 41,943.75	\$ -	\$ 1.50	\$ 50,332.50	\$ 50,332.50	\$ -	\$ 1.50	\$ 50,332.50	\$ 50,332.50	\$ -
44	Joint Waterproofing	Sft	202	202		\$ 5.00	\$ 1,010.00	\$ 1,010.00	\$ -	\$ 15.00	\$ 3,030.00	\$ 3,030.00	\$ -	\$ 15.00	\$ 3,030.00	\$ 3,030.00	\$ -
45	Joint Waterproofing, Expansion	Sft	10	10		\$ 4.00	\$ 40.00	\$ 40.00	\$ -	\$ 15.00	\$ 150.00	\$ 150.00	\$ -	\$ 25.00	\$ 250.00	\$ 250.00	\$ -
46	Steel Sheet Piling, Permanent	Sft	1,050	1050		\$ 50.00	\$ 52,500.00	\$ 52,500.00	\$ -	\$ 34.95	\$ 36,697.50	\$ 36,697.50	\$ -	\$ 60.00	\$ 63,000.00	\$ 63,000.00	\$ -
47	Shear Developers (Retaining Wall)	LSUM	1	1		\$ 2,080.00	\$ 2,080.00	\$ 2,080.00	\$ -	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ -	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ -
48	Steel Sheet Piling, Temp, Left in Place	Sft	627	627		\$ 40.00	\$ 25,080.00	\$ 25,080.00	\$ -	\$ 34.61	\$ 21,700.47	\$ 21,700.47	\$ -	\$ 70.00	\$ 43,890.00	\$ 43,890.00	\$ -
49	Conc, Grade D	Cyd	32	32		\$ 700.00	\$ 22,400.00	\$ 22,400.00	\$ -	\$ 1,000.94	\$ 32,030.08	\$ 32,030.08	\$ -	\$ 940.00	\$ 30,080.00	\$ 30,080.00	\$ -
50	Bridge Railing, Aesthetic Parapet Tube	Ft	78	78		\$ 200.00	\$ 15,600.00	\$ 15,600.00	\$ -	\$ 295.57	\$ 23,054.46	\$ 23,054.46	\$ -	\$ 90.00	\$ 7,020.00	\$ 7,020.00	\$ -
51	Culv End Section, 12 inch	Ea	1	1		\$ 500.00	\$ 500.00	\$ 500.00	\$ -	\$ 550.00	\$ 550.00	\$ 550.00	\$ -	\$ 1,400.00	\$ 1,400.00	\$ 1,400.00	\$ -
52	Culv End Section, 15 inch	Ea	1	1		\$ 600.00	\$ 600.00	\$ 600.00	\$ -	\$ 750.00	\$ 750.00	\$ 750.00	\$ -	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ -
53	Culv End Section, 24 inch	Ea	1	1		\$ 800.00	\$ 800.00	\$ 800.00	\$ -	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ -	\$ 2,100.00	\$ 2,100.00	\$ 2,100.00	\$ -
54	Sewer, Cl E, 12 inch, Tr Det B	Ft	1,025	697	328	\$ 45.00	\$ 46,125.00	\$ 31,365.00	\$ 14,760.00	\$ 70.00	\$ 71,750.00	\$ 48,790.00	\$ 22,960.00	\$ 76.00			

**CITY OF NOVI
TABULATION OF BIDS
5/29/2019
Bond St. Construction (Phase 1)**

Item	Item Description	Unit	Total Quan	Base Quan	Alt 1 Quan	Engineers Estimate				Fonson Company				L D'Agostini & Sons			
						Unit Price	Total Cost	Base Cost	Alt 1 Cost	Unit Price	Total Cost	Base Cost	Alt 1 Cost	Unit Price	Total Cost	Base Cost	Alt 1 Cost
64	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	Ft	7	4	3	\$ 200.00	\$ 1,400.00	\$ 800.00	\$ 600.00	\$ 180.00	\$ 1,260.00	\$ 720.00	\$ 540.00	\$ 100.00	\$ 700.00	\$ 400.00	\$ 300.00
65	Dr Structure Cover, Type B	Ea	9	9	-	\$ 400.00	\$ 3,600.00	\$ 3,600.00	\$ -	\$ 550.00	\$ 4,950.00	\$ 4,950.00	\$ -	\$ 600.00	\$ 5,400.00	\$ 5,400.00	\$ -
66	Dr Structure Cover, Type K	Ea	23	18	5	\$ 700.00	\$ 16,100.00	\$ 12,600.00	\$ 3,500.00	\$ 740.00	\$ 17,020.00	\$ 13,320.00	\$ 3,700.00	\$ 800.00	\$ 18,400.00	\$ 14,400.00	\$ 4,000.00
67	Dr Structure Cover, Type G	Ea	1	0	1	\$ 700.00	\$ 700.00	\$ -	\$ 700.00	\$ 588.47	\$ 588.47	\$ -	\$ 588.47	\$ 750.00	\$ 750.00	\$ -	\$ 750.00
68	Dr Structure Cover, Adj, Case 1	Ea	3	3	-	\$ 500.00	\$ 1,500.00	\$ 1,500.00	\$ -	\$ 900.00	\$ 2,700.00	\$ 2,700.00	\$ -	\$ 1,200.00	\$ 3,600.00	\$ 3,600.00	\$ -
69	Dr Structure Cover, Adj, Case 2	Ea	2	2	-	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ -	\$ 350.00	\$ 700.00	\$ 700.00	\$ -	\$ 900.00	\$ 1,800.00	\$ 1,800.00	\$ -
70	DPS Structure Cover, Adj, Case 1	Ea	4	4	-	\$ 500.00	\$ 2,000.00	\$ 2,000.00	\$ -	\$ 980.00	\$ 3,920.00	\$ 3,920.00	\$ -	\$ 1,200.00	\$ 4,800.00	\$ 4,800.00	\$ -
71	DPS Structure Cover, Adj, Case 2	Ea	3	3	-	\$ 500.00	\$ 1,500.00	\$ 1,500.00	\$ -	\$ 440.00	\$ 1,320.00	\$ 1,320.00	\$ -	\$ 1,100.00	\$ 3,300.00	\$ 3,300.00	\$ -
72	Gate Box, Adj	Ea	5	5	-	\$ 250.00	\$ 1,250.00	\$ 1,250.00	\$ -	\$ 500.00	\$ 2,500.00	\$ 2,500.00	\$ -	\$ 500.00	\$ 2,500.00	\$ 2,500.00	\$ -
73	Underdrain, Subgrade, Open-Graded, 6 inch	Ft	3,205	2664	541	\$ 5.25	\$ 16,826.25	\$ 13,986.00	\$ 2,840.25	\$ 18.00	\$ 57,690.00	\$ 47,952.00	\$ 9,738.00	\$ 12.00	\$ 38,460.00	\$ 31,968.00	\$ 6,492.00
74	Underdrain Outlet, 6 inch	Ft	50	50	-	\$ 8.00	\$ 400.00	\$ 400.00	\$ -	\$ 42.00	\$ 2,100.00	\$ 2,100.00	\$ -	\$ 20.00	\$ 1,000.00	\$ 1,000.00	\$ -
75	Underdrain, Outlet Ending, 6 inch	Ea	2	2	-	\$ 150.00	\$ 300.00	\$ 300.00	\$ -	\$ 200.00	\$ 400.00	\$ 400.00	\$ -	\$ 200.00	\$ 400.00	\$ 400.00	\$ -
76	Curb and Gutter, Conc, Det F4	Ft	2,662	2193	469	\$ 18.00	\$ 47,916.00	\$ 39,474.00	\$ 8,442.00	\$ 15.50	\$ 41,261.00	\$ 33,991.50	\$ 7,269.50	\$ 15.50	\$ 41,261.00	\$ 33,991.50	\$ 7,269.50
77	Driveway Opening, Conc, Det M	Ft	543	471	72	\$ 25.00	\$ 13,575.00	\$ 11,775.00	\$ 1,800.00	\$ 22.00	\$ 11,946.00	\$ 10,362.00	\$ 1,584.00	\$ 22.00	\$ 11,946.00	\$ 10,362.00	\$ 1,584.00
78	Curb	Syd	195	195	-	\$ 70.00	\$ 13,650.00	\$ 13,650.00	\$ -	\$ 44.00	\$ 8,580.00	\$ 8,580.00	\$ -	\$ 44.00	\$ 8,580.00	\$ 8,580.00	\$ -
79	Sidewalk, Conc, 4 inch	Sft	1,482	1482	-	\$ 5.00	\$ 7,410.00	\$ 7,410.00	\$ -	\$ 3.20	\$ 4,742.40	\$ 4,742.40	\$ -	\$ 3.20	\$ 4,742.40	\$ 4,742.40	\$ -
80	Sidewalk Ramp, Conc, 6 inch	Sft	1,220	870	350	\$ 6.00	\$ 7,320.00	\$ 5,220.00	\$ 2,100.00	\$ 5.30	\$ 6,466.00	\$ 4,611.00	\$ 1,855.00	\$ 5.30	\$ 6,466.00	\$ 4,611.00	\$ 1,855.00
81	Detectable Warning Surface	Ft	100	75	25	\$ 80.00	\$ 8,000.00	\$ 6,000.00	\$ 2,000.00	\$ 32.00	\$ 3,200.00	\$ 2,400.00	\$ 800.00	\$ 32.00	\$ 3,200.00	\$ 2,400.00	\$ 800.00
82	Guardrail, Type B	Ft	13	13	-	\$ 20.00	\$ 260.00	\$ 260.00	\$ -	\$ 32.54	\$ 423.02	\$ 423.02	\$ -	\$ 32.50	\$ 422.50	\$ 422.50	\$ -
83	Guardrail Approach Terminal, Type 2M	Ea	1	1	-	\$ 50.00	\$ 50.00	\$ 50.00	\$ -	\$ 3,261.30	\$ 3,261.30	\$ 3,261.30	\$ -	\$ 3,300.00	\$ 3,300.00	\$ 3,300.00	\$ -
84	Guardrail Departing Terminal, Type B	Ea	1	1	-	\$ 50.00	\$ 50.00	\$ 50.00	\$ -	\$ 1,340.05	\$ 1,340.05	\$ 1,340.05	\$ -	\$ 1,350.00	\$ 1,350.00	\$ 1,350.00	\$ -
85	Fencing, 3-Rail PVC	Ft	799	799	-	\$ 25.00	\$ 19,975.00	\$ 19,975.00	\$ -	\$ 26.33	\$ 21,037.67	\$ 21,037.67	\$ -	\$ 27.00	\$ 21,573.00	\$ 21,573.00	\$ -
86	Surface Restoration	LSUM	1	1	-	\$ 27,000.00	\$ 27,000.00	\$ 27,000.00	\$ -	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ -	\$ 81,600.00	\$ 81,600.00	\$ 81,600.00	\$ -
86A	Surface Restoration (Alt 1)	LSUM	1	-	1	\$ 3,000.00	\$ 3,000.00	\$ -	\$ 3,000.00	\$ 17,200.00	\$ 17,200.00	\$ -	\$ 17,200.00	\$ 34,000.00	\$ -	\$ 34,000.00	
87	Site Preparation	LSUM	1	1	-	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ -	\$ 300.00	\$ 300.00	\$ 300.00	\$ -	\$ 600.00	\$ 600.00	\$ 600.00	\$ -
88	Shrub	Ea	6	6	-	\$ 150.00	\$ 900.00	\$ 900.00	\$ -	\$ 75.00	\$ 450.00	\$ 450.00	\$ -	\$ 150.00	\$ 900.00	\$ 900.00	\$ -
89	Live Staking/Joint Planting	Sft	1,000	1000	-	\$ 6.00	\$ 6,000.00	\$ 6,000.00	\$ -	\$ 12.00	\$ 12,000.00	\$ 12,000.00	\$ -	\$ 16.00	\$ 16,000.00	\$ 16,000.00	\$ -
90	Vegetated Riprap/Riprap Toe	Sft	1,000	1000	-	\$ 10.00	\$ 10,000.00	\$ 10,000.00	\$ -	\$ 16.00	\$ 16,000.00	\$ 16,000.00	\$ -	\$ 48.00	\$ 48,000.00	\$ 48,000.00	\$ -
91	Vegetated Mechanically Stabilized Earth	Sft	1,000	1000	-	\$ 10.00	\$ 10,000.00	\$ 10,000.00	\$ -	\$ 38.00	\$ 38,000.00	\$ 38,000.00	\$ -	\$ 64.00	\$ 64,000.00	\$ 64,000.00	\$ -
92	Post, Steel, 3 lb	Ft	165	165	-	\$ 5.25	\$ 866.25	\$ 866.25	\$ -	\$ 8.00	\$ 1,320.00	\$ 1,320.00	\$ -	\$ 7.50	\$ 1,237.50	\$ 1,237.50	\$ -
93	Sign, Type IIA	Sft	48	48	-	\$ 16.00	\$ 768.00	\$ 768.00	\$ -	\$ 16.00	\$ 768.00	\$ 768.00	\$ -	\$ 25.00	\$ 1,200.00	\$ 1,200.00	\$ -
94	Sign, Type IIB	Sft	20	20	-	\$ 16.00	\$ 320.00	\$ 320.00	\$ -	\$ 16.00	\$ 320.00	\$ 320.00	\$ -	\$ 25.00	\$ 500.00	\$ 500.00	\$ -
95	Sign, Type IIIA	Sft	18	18	-	\$ 15.00	\$ 270.00	\$ 270.00	\$ -	\$ 12.00	\$ 216.00	\$ 216.00	\$ -	\$ 25.00	\$ 450.00	\$ 450.00	\$ -
96	Sign, Type IIIB	Sft	19	19	-	\$ 15.00	\$ 285.00	\$ 285.00	\$ -	\$ 11.25	\$ 213.75	\$ 213.75	\$ -	\$ 25.00	\$ 475.00	\$ 475.00	\$ -
97	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	Ft	380	325	55	\$ 0.20	\$ 76.00	\$ 65.00	\$ 11.00	\$ 0.75	\$ 285.00	\$ 243.75	\$ 41.25	\$ 0.75	\$ 285.00	\$ 243.75	\$ 41.25
98	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	Ft	3,580	2810	770	\$ 0.20	\$ 716.00	\$ 562.00	\$ 154.00	\$ 0.75	\$ 2,685.00	\$ 2,107.50	\$ 577.50	\$ 0.75	\$ 2,685.00	\$ 2,107.50	\$ 577.50
99	Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	Ea	1	1	-	\$ 125.00	\$ 125.00	\$ 125.00	\$ -	\$ 120.00	\$ 120.00	\$ 120.00	\$ -	\$ 120.00	\$ 120.00	\$ 120.00	\$ -
100	Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	Ea	1	1	-	\$ 125.00	\$ 125.00	\$ 125.00	\$ -	\$ 95.00	\$ 95.00	\$ 95.00	\$ -	\$ 95.00	\$ 95.00	\$ 95.00	\$ -
101	Pavt Mrkg, Waterborne, Rt and Lt Turn Arrow Sym	Ea	1	1	-	\$ 150.00	\$ 150.00	\$ 150.00	\$ -	\$ 95.00	\$ 95.00	\$ 95.00	\$ -	\$ 95.00	\$ 95.00	\$ 95.00	\$ -
102	Pavt Mrkg, Waterborne, 18 inch, Stop Bar	Ft	56	44	12	\$ 8.00	\$ 448.00	\$ 352.00	\$ 96.00	\$ 4.50	\$ 252.00	\$ 198.00	\$ 54.00	\$ 4.50	\$ 252.00	\$ 198.00	\$ 54.00
103	Pavt Mrkg, Waterborne, 6 inch, Crosswalk	Ft	170	95	75	\$ 3.00	\$ 510.00	\$ 285.00	\$ 225.00	\$ 1.50	\$ 255.00	\$ 142.50	\$ 112.50	\$ 1.50	\$ 255.00	\$ 142.50	\$ 112.50
104	Sewer, Surface Repairs, 1 inch	Sft	16	16	-	\$ 75.00	\$ 1,200.00	\$ 1,200.00	\$ -	\$ 320.00	\$ 5,120.00	\$ 5,120.00	\$ -	\$ 500.00	\$ 8,000.00	\$ 8,000.00	\$ -
105	Sewer, Steel Replacement	Lbs	10	10	-	\$ 50.00	\$ 500.00	\$ 500.00	\$ -	\$ 230.00	\$ 2,300.00	\$ 2,300.00	\$ -	\$ 200.00	\$ 2,000.00	\$ 2,000.00	\$ -
106	Chemical Pipe Joint Grouting, (84 inch)	Ea	11	11	-	\$ 150.00	\$ 1,650.00	\$ 1,650.00	\$ -	\$ 2,000.00	\$ 22,000.00	\$ 22,000.00	\$ -	\$ 2,100.00	\$ 23,100.00	\$ 23,100.00	\$ -
107	Chemical Pipe Crack Grouting	Ea	10	10	-	\$ 150.00	\$ 1,500.00	\$ 1,500.00	\$ -	\$ 2,000.00	\$ 20,000.00	\$ 20,000.00	\$ -	\$ 2,100.00	\$ 21,000.00	\$ 21,000.00	\$ -
108	Watermain, DI, 8 inch	Ft	338	338	-	\$ 125.00	\$ 42,250.00	\$ 42,250.00	\$ -	\$ 160.00	\$ 54,080.00	\$ 54,080.00	\$ -	\$ 110.00	\$ 37,180.00	\$ 37,180.00	\$ -
109	Fire Hydrant	Ea	1	1	-	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ -	\$ 5,500.00	\$ 5,500.00	\$ 5,500.00	\$ -	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ -
110	8 inch Tapping Sleeve, Valve and Well	Ea	1	1	-	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ -	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ -	\$ 11,000.00	\$ 11,000.00	\$ 11,000.00	\$ -
111	8 Inch Gate Valve and Well	Ea	1	1	-	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ -	\$ 5,400.00	\$ 5,400.00	\$ 5,400.00	\$ -	\$ 5,500.00	\$ 5,500.00	\$ 5,500.00	\$ -
112	Insulation Board, 2 inch	Sft	1,350	1350	-	\$ 4.00	\$ 5,400.00	\$ 5,400.00	\$ -	\$ 5.00	\$ 6,750.00	\$ 6,750.00	\$ -	\$ 1.20	\$ 1,620.00	\$ 1,620.00	\$ -
113	Sanitary Sewer Lead, 8 inch	Ft	132	132	-	\$ 125.00	\$ 16,500.00	\$ 16,500.00	\$ -	\$ 139.00	\$ 18,348.00	\$ 18,348.00	\$ -	\$ 130.00	\$ 17,160.00	\$ 17,160.00	\$ -
114	Sanitary Manhole	Ea	2	2	-	\$ 4,000.00	\$ 8,000.00	\$ 8,000.00	\$ -	\$ 4,485.00	\$ 8,970.00	\$ 8,970.00	\$ -	\$ 5,200.00	\$ 10,400.00	\$ 10,400.00	\$ -
115	Sanitary Internal Drop	Ea	2	2	-	\$ 3,000.00	\$ 6,000.00	\$ 6,000.00	\$ -	\$ 1,640.00	\$ 3,280.00	\$ 3,280.00	\$ -	\$ 2,100.00	\$ 4,200.00	\$ 4,200.00	\$ -
116	Sanitary Manhole, Tap, 8 inch	Ea	2	2	-	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00	\$ -	\$ 3,230.00	\$ 6,460.00	\$ 6,460.00	\$ -	\$ 2,200.00	\$ 4,400.00	\$ 4,400.00	\$ -
109	Preconstruction Audio Visual (Alt 1)	LSUM	-	0	-	\$ 200.00	\$ -	\$ -	\$ -	\$ 200.00	\$ -	\$ -	\$ -	\$ 200.00	\$ -	\$ -	
109	Surface Restoration (Alt 1)	LSUM	-	0	-	\$ 5,000.00	\$ -	\$ -	\$ -	\$ 5,000.00	\$ -	\$ -	\$ -	\$ 5,000.00	\$ -	\$ -	
117	Sewer, Rem, Less than 24 inch	Ft	161	161	-	\$ 5.00	\$ 805.00	\$ 805.00	\$ -	\$ 31.00	\$ 4,991.00	\$ 4,991.00	\$ -	\$ 30.00	\$ 4,830.00	\$ 4,830.00	\$ -
118	Crew Days	Day	\$700.00	\$700.00		95	\$ 66,500.00	\$ 66,500.00	\$ -	\$ 90.00	\$ 63,000.00	\$ 63,000.00	\$ -	\$ 95.00	\$ 66,500.00	\$ 66,500.00	\$ -
118A	Crew Days (Alt 1)	Day	\$700.00		\$700.00	10	\$ 7,000.00	\$ -	\$ 7,000.00	\$ 30.00	\$ 21,000.00	\$ -	\$ 21,000.00	\$ 30.00	\$ 21,000.00	\$ -	\$ 21,000.00
	Construction Contingency for Engineer's Estimate	LSUM					\$ 169,899.77	\$ 143,901.93	\$ 25,997.84						\$ -	\$ -	\$ -
	Total Bid						\$ 2,111,012.79	\$ 1,792,268.36	\$ 318,744.43		\$ 3,345,561.18	\$ 2,664,211.96	\$ 681,349.22		\$ 3,251,441.45	\$ 2,696,564.70	\$ 554,876.75
											\$ 3,261,561.18	\$ 2,601,211.96	\$ 660,349.22				

Indicates Corrected Entry

**CITY OF NOVI
TABULATION OF BIDS
5/29/2019
Bond St. Construction (Phase 1)**

Item	Item Description	Unit	Total Quan	Base Quan	Alt 1 Quan	Engineers Estimate				Toebe Construction				Dan's Excavating			
						Unit Price	Total Cost	Base Cost	Alt 1 Cost	Unit Price	Total Cost	Base Cost	Alt 1 Cost	Unit Price	Total Cost	Base Cost	Alt 1 Cost
1	Mobilization (10% Max.)	LSUM	1	1		\$ 143,821.43	\$ 143,821.43	\$ 143,821.43	\$ -	\$ 320,000.00	\$ 320,000.00	\$ 320,000.00	\$ -	\$ 275,000.00	\$ 275,000.00	\$ 275,000.00	\$ -
1A	Mobilization (Alt 1)	LSUM	1		1	\$ 25,477.84	\$ 25,477.84	\$ -	\$ 25,477.84	\$ 10,000.00	\$ 10,000.00	\$ -	\$ 10,000.00	\$ 15,000.00	\$ -	\$ -	\$ 15,000.00
2	Pre-Construction Audio-Visual	LSUM	1	1		\$ 1,800.00	\$ 1,800.00	\$ 1,800.00	\$ -	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ -	\$ 970.00	\$ 970.00	\$ 970.00	\$ -
2A	Pre-Construction Audio-Visual (Alt 1)	LSUM	1		1	\$ 200.00	\$ 200.00	\$ -	\$ 200.00	\$ 950.00	\$ 950.00	\$ -	\$ 950.00	\$ 500.00	\$ -	\$ -	\$ 500.00
3	Maintaining Traffic	LSUM	1	1		\$ 18,000.00	\$ 18,000.00	\$ 18,000.00	\$ -	\$ 224,000.00	\$ 224,000.00	\$ 224,000.00	\$ -	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ -
4	Stump Removal, Special	Acre	2	1.66		\$ 8,000.00	\$ 13,280.00	\$ 13,280.00	\$ -	\$ 3,800.00	\$ 6,308.00	\$ 6,308.00	\$ -	\$ 3,000.00	\$ 4,980.00	\$ 4,980.00	\$ -
5	Masonry and Conc Structure, Rem	Cyd	10	10		\$ 100.00	\$ 1,000.00	\$ 1,000.00	\$ -	\$ 500.00	\$ 5,000.00	\$ 5,000.00	\$ -	\$ 98.69	\$ 986.90	\$ 986.90	\$ -
6	HMA Surface, Rem	Syd	3,634	3634		\$ 4.00	\$ 14,536.00	\$ 14,536.00	\$ -	\$ 1.00	\$ 3,634.00	\$ 3,634.00	\$ -	\$ 4.38	\$ 15,916.92	\$ 15,916.92	\$ -
7	Pavt, Rem	Syd	586	586		\$ 5.00	\$ 2,930.00	\$ 2,930.00	\$ -	\$ 11.00	\$ 6,446.00	\$ 6,446.00	\$ -	\$ 5.65	\$ 3,310.90	\$ 3,310.90	\$ -
8	Sidewalk, Rem	Syd	83	83		\$ 4.00	\$ 332.00	\$ 332.00	\$ -	\$ 11.00	\$ 913.00	\$ 913.00	\$ -	\$ 3.81	\$ 316.23	\$ 316.23	\$ -
9	Curb and Gutter, Rem	Ft	574	574		\$ 4.00	\$ 2,296.00	\$ 2,296.00	\$ -	\$ 12.00	\$ 6,888.00	\$ 6,888.00	\$ -	\$ 5.48	\$ 3,145.52	\$ 3,145.52	\$ -
10	Guardrail, Rem	Ft	117	117		\$ 5.00	\$ 585.00	\$ 585.00	\$ -	\$ 5.00	\$ 585.00	\$ 585.00	\$ -	\$ 3.88	\$ 453.96	\$ 453.96	\$ -
11	Fence, Rem	Ft	192	192		\$ 3.00	\$ 576.00	\$ 576.00	\$ -	\$ 5.00	\$ 960.00	\$ 960.00	\$ -	\$ 3.88	\$ 744.96	\$ 744.96	\$ -
12	Subgrade Undercutting, Special	Cyd	400	300	100	\$ 45.00	\$ 18,000.00	\$ 13,500.00	\$ 4,500.00	\$ 85.00	\$ 34,000.00	\$ 25,500.00	\$ 8,500.00	\$ 51.57	\$ 15,471.00	\$ 15,471.00	\$ 5,157.00
13	Roadway Grading	Sta	16	13.90	2.5	\$ 3,000.00	\$ 49,200.00	\$ 41,700.00	\$ 7,500.00	\$ 7,500.00	\$ 123,000.00	\$ 104,250.00	\$ 18,750.00	\$ 31,000.00	\$ 430,900.00	\$ 430,900.00	\$ 77,500.00
14	Channel Grading	Sta	8	8.00		\$ 2,000.00	\$ 16,000.00	\$ 16,000.00	\$ -	\$ 5,000.00	\$ 40,000.00	\$ 40,000.00	\$ -	\$ 21,000.00	\$ 168,000.00	\$ 168,000.00	\$ -
15	Granular Material, Cl 3	Cyd	9,000	0	9,000	\$ 15.00	\$ 135,000.00	\$ -	\$ 135,000.00	\$ 29.00	\$ 261,000.00	\$ -	\$ 261,000.00	\$ 26.19	\$ -	\$ -	\$ 235,710.00
16	Silt Fence	Ft	2,000	1800	200	\$ 1.25	\$ 2,500.00	\$ 2,250.00	\$ 250.00	\$ 3.50	\$ 7,000.00	\$ 6,300.00	\$ 700.00	\$ 2.09	\$ 3,762.00	\$ 3,762.00	\$ 418.00
17	Curb and Gutter Inlet Filter	Ea	24	19	5	\$ 120.00	\$ 2,880.00	\$ 2,280.00	\$ 600.00	\$ 150.00	\$ 3,600.00	\$ 2,850.00	\$ 750.00	\$ 140.65	\$ 2,672.35	\$ 2,672.35	\$ 703.25
18	Erosion Control, Turbidity Curtain, Shallow	Ft	200	200		\$ 5.00	\$ 1,000.00	\$ 1,000.00	\$ -	\$ 28.00	\$ 5,600.00	\$ 5,600.00	\$ -	\$ 16.42	\$ 3,284.00	\$ 3,284.00	\$ -
19	Aggregate Base, 21AA, Limestone, 10 inch	Syd	6,013	5002	1,011	\$ 11.00	\$ 66,143.00	\$ 55,022.00	\$ 11,121.00	\$ 17.00	\$ 102,221.00	\$ 85,034.00	\$ 17,187.00	\$ 11.54	\$ 57,723.08	\$ 57,723.08	\$ 11,666.94
20	Aggregate Base, 21AA, Limestone, 6 Inch	Syd	2,044	1739	305	\$ 8.50	\$ 17,374.00	\$ 14,781.50	\$ 2,592.50	\$ 14.00	\$ 28,616.00	\$ 24,346.00	\$ 4,270.00	\$ 17.00	\$ 29,563.00	\$ 29,563.00	\$ 5,185.00
21	Aggregate, 6A	Cyd	951	951		\$ 50.00	\$ 47,550.00	\$ 47,550.00	\$ -	\$ 85.00	\$ 80,835.00	\$ 80,835.00	\$ -	\$ 67.23	\$ 63,935.73	\$ 63,935.73	\$ -
22	Geotextile, Separator	Syd	1,686	1686		\$ 1.50	\$ 2,529.00	\$ 2,529.00	\$ -	\$ 2.00	\$ 3,372.00	\$ 3,372.00	\$ -	\$ 1.66	\$ 2,798.76	\$ 2,798.76	\$ -
23	Tensar TX5 Geogrid	Syd	4,943	4113	830	\$ 2.50	\$ 12,357.50	\$ 10,282.50	\$ 2,075.00	\$ 6.50	\$ 32,129.50	\$ 26,734.50	\$ 5,395.00	\$ 2.55	\$ 10,488.15	\$ 10,488.15	\$ 2,116.50
24	HMA, 36A	Ton	181	152	29	\$ 95.00	\$ 17,195.00	\$ 14,440.00	\$ 2,755.00	\$ 160.00	\$ 28,960.00	\$ 24,320.00	\$ 4,640.00	\$ 211.11	\$ 32,088.72	\$ 32,088.72	\$ 6,122.19
25	HMA, 13A	Ton	190	159	31	\$ 90.00	\$ 17,100.00	\$ 14,310.00	\$ 2,790.00	\$ 150.00	\$ 28,500.00	\$ 23,850.00	\$ 4,650.00	\$ 198.93	\$ 31,629.87	\$ 31,629.87	\$ 6,166.83
26	HMA, 3E3	Ton	1,596	1345	251	\$ 90.00	\$ 143,640.00	\$ 121,050.00	\$ 22,590.00	\$ 100.00	\$ 159,600.00	\$ 134,500.00	\$ 25,100.00	\$ 146.48	\$ 197,015.60	\$ 197,015.60	\$ 36,766.48
27	HMA, 5E3	Ton	700	599	101	\$ 95.00	\$ 66,500.00	\$ 56,905.00	\$ 9,595.00	\$ 130.00	\$ 91,000.00	\$ 77,870.00	\$ 13,130.00	\$ 204.59	\$ 122,549.41	\$ 122,549.41	\$ 20,663.59
28	HMA Approach	Ton	25	20	5	\$ 110.00	\$ 2,750.00	\$ 2,200.00	\$ 550.00	\$ 260.00	\$ 6,500.00	\$ 5,200.00	\$ 1,300.00	\$ 372.54	\$ 7,450.80	\$ 7,450.80	\$ 1,862.70
29	Hh, Rem	Ea	1	1		\$ 290.00	\$ 290.00	\$ 290.00	\$ -	\$ 1,675.00	\$ 1,675.00	\$ 1,675.00	\$ -	\$ 371.00	\$ 371.00	\$ 371.00	\$ -
30	Case Sign Panel, Rem	Ea	2	2		\$ 150.00	\$ 300.00	\$ 300.00	\$ -	\$ 700.00	\$ 1,400.00	\$ 1,400.00	\$ -	\$ 132.50	\$ 265.00	\$ 265.00	\$ -
31	Case Sign Panel	Ea	2	2		\$ 300.00	\$ 600.00	\$ 600.00	\$ -	\$ 1,100.00	\$ 2,200.00	\$ 2,200.00	\$ -	\$ 137.80	\$ 275.60	\$ 275.60	\$ -
32	Hh, Round	Ea	1	1		\$ 1,100.00	\$ 1,100.00	\$ 1,100.00	\$ -	\$ 2,360.00	\$ 2,360.00	\$ 2,360.00	\$ -	\$ 1,060.00	\$ 1,060.00	\$ 1,060.00	\$ -
33	Illuminated	Ea	1	1		\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ -	\$ 3,075.00	\$ 3,075.00	\$ 3,075.00	\$ -	\$ 1,802.00	\$ 1,802.00	\$ 1,802.00	\$ -
34	Conduit, DB, 1, 1 1/4 inch	Ft	20	20		\$ 15.00	\$ 300.00	\$ 300.00	\$ -	\$ 50.00	\$ 1,000.00	\$ 1,000.00	\$ -	\$ 12.72	\$ 254.40	\$ 254.40	\$ -
35	Maintaining Stream Flow	LSUM	1	1		\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ -	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ -	\$ 119,000.00	\$ 119,000.00	\$ 119,000.00	\$ -
36	Riprap, Plain, Mod	Syd	179	179		\$ 60.00	\$ 10,740.00	\$ 10,740.00	\$ -	\$ 100.00	\$ 17,900.00	\$ 17,900.00	\$ -	\$ 38.36	\$ 6,866.44	\$ 6,866.44	\$ -
37	Backfill, Structure, CIP	Cyd	1,450	1450		\$ 16.00	\$ 23,200.00	\$ 23,200.00	\$ -	\$ 37.00	\$ 53,650.00	\$ 53,650.00	\$ -	\$ 21.97	\$ 31,856.50	\$ 31,856.50	\$ -
38	Structures, Rem	LSUM	1	1		\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ -	\$ 77,500.00	\$ 77,500.00	\$ 77,500.00	\$ -	\$ 27,500.00	\$ 27,500.00	\$ 27,500.00	\$ -
39	Excavation, Fdn	Cyd	2,750	2750		\$ 16.00	\$ 44,000.00	\$ 44,000.00	\$ -	\$ 24.00	\$ 66,000.00	\$ 66,000.00	\$ -	\$ 18.37	\$ 50,517.50	\$ 50,517.50	\$ -
40	Conc, Grade S2	Cyd	195	195		\$ 600.00	\$ 117,000.00	\$ 117,000.00	\$ -	\$ 600.00	\$ 117,000.00	\$ 117,000.00	\$ -	\$ 516.63	\$ 100,742.85	\$ 100,742.85	\$ -
41	Culv, Precast Conc Box, 14 foot by 7 foot, Install	Ft	66	66		\$ 800.00	\$ 52,800.00	\$ 52,800.00	\$ -	\$ 750.00	\$ 49,500.00	\$ 49,500.00	\$ -	\$ 350.00	\$ 23,100.00	\$ 23,100.00	\$ -
42	Culv, Bedding, Box Culv	Cyd	110	110		\$ 60.00	\$ 6,600.00	\$ 6,600.00	\$ -	\$ 93.00	\$ 10,230.00	\$ 10,230.00	\$ -	\$ 150.00	\$ 16,500.00	\$ 16,500.00	\$ -
43	Reinforcement, Steel, Epoxy Coated	Lb	33,555	33555		\$ 1.25	\$ 41,943.75	\$ 41,943.75	\$ -	\$ 1.30	\$ 43,621.50	\$ 43,621.50	\$ -	\$ 1.30	\$ 43,621.50	\$ 43,621.50	\$ -
44	Joint Waterproofing	Sft	202	202		\$ 5.00	\$ 1,010.00	\$ 1,010.00	\$ -	\$ 15.00	\$ 3,030.00	\$ 3,030.00	\$ -	\$ 7.00	\$ 1,414.00	\$ 1,414.00	\$ -
45	Joint Waterproofing, Expansion	Sft	10	10		\$ 4.00	\$ 40.00	\$ 40.00	\$ -	\$ 30.00	\$ 300.00	\$ 300.00	\$ -	\$ 7.00	\$ 70.00	\$ 70.00	\$ -
46	Steel Sheet Piling, Permanent	Sft	1,050	1050		\$ 50.00	\$ 52,500.00	\$ 52,500.00	\$ -	\$ 20.00	\$ 21,000.00	\$ 21,000.00	\$ -	\$ 65.00	\$ 68,250.00	\$ 68,250.00	\$ -
47	Shear Developers (Retaining Wall)	LSUM	1	1		\$ 2,080.00	\$ 2,080.00	\$ 2,080.00	\$ -	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ -	\$ 2,648.92	\$ 2,648.92	\$ 2,648.92	\$ -
48	Steel Sheet Piling, Temp, Left in Place	Sft	627	627		\$ 40.00	\$ 25,080.00	\$ 25,080.00	\$ -	\$ 40.00	\$ 25,080.00	\$ 25,080.00	\$ -	\$ 75.00	\$ 47,025.00	\$ 47,025.00	\$ -
49	Conc, Grade D	Cyd	32	32		\$ 700.00	\$ 22,400.00	\$ 22,400.00	\$ -	\$ 750.00	\$ 24,000.00	\$ 24,000.00	\$ -	\$ 713.91	\$ 22,845.12	\$ 22,845.12	\$ -
50	Bridge Railing, Aesthetic Parapet Tube	Ft	78	78		\$ 200.00	\$ 15,600.00	\$ 15,600.00	\$ -	\$ 350.00	\$ 27,300.00	\$ 27,300.00	\$ -	\$ 398.66	\$ 31,095.48	\$ 31,095.48	\$ -
51	Culv End Section, 12 inch	Ea	1	1		\$ 500.00	\$ 500.00	\$ 500.00	\$ -	\$ 1,250.00	\$ 1,250.00	\$ 1,250.00	\$ -	\$ 1,193.95	\$ 1,193.95	\$ 1,193.95	\$ -
52	Culv End Section, 15 inch	Ea	1	1		\$ 600.00	\$ 600.00	\$ 600.00	\$ -	\$ 1,400.00	\$ 1,400.00	\$ 1,400.00	\$ -	\$ 1,262.85	\$ 1,262.85	\$ 1,262.85	\$ -
53	Culv End Section, 24 inch	Ea	1	1		\$ 800.00	\$ 800.00	\$ 800.00	\$ -	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ -	\$ 1,575.55	\$ 1,575.55	\$ 1,575.55	\$ -
54	Sewer, Cl E, 12 inch, Tr Det B	Ft	1,025	697	328	\$ 45.00	\$ 46,125.00	\$ 31,365.00	\$ 14,760.00	\$ 70.00	\$ 71,750.00	\$ 48,790.00	\$ 22,960.00	\$ 53.42	\$ 37,233.74	\$ 37,233.74	\$ 17,521.76

**CITY OF NOVI
TABULATION OF BIDS
5/29/2019
Bond St. Construction (Phase 1)**

Item	Item Description	Unit	Total Quan	Base Quan	Alt 1 Quan	Engineers Estimate				Toebe Construction				Dan's Excavating			
						Unit Price	Total Cost	Base Cost	Alt 1 Cost	Unit Price	Total Cost	Base Cost	Alt 1 Cost	Unit Price	Total Cost	Base Cost	Alt 1 Cost
64	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	Ft	7	4	3	\$ 200.00	\$ 1,400.00	\$ 800.00	\$ 600.00	\$ 375.00	\$ 2,625.00	\$ 1,500.00	\$ 1,125.00	\$ 63.60	\$ 254.40	\$ 254.40	\$ 190.80
65	Dr Structure Cover, Type B	Ea	9	9	-	\$ 400.00	\$ 3,600.00	\$ 3,600.00	\$ -	\$ 600.00	\$ 5,400.00	\$ 5,400.00	\$ -	\$ 397.06	\$ 3,573.54	\$ 3,573.54	\$ -
66	Dr Structure Cover, Type K	Ea	23	18	5	\$ 700.00	\$ 16,100.00	\$ 12,600.00	\$ 3,500.00	\$ 950.00	\$ 21,850.00	\$ 17,100.00	\$ 4,750.00	\$ 575.92	\$ 10,366.56	\$ 10,366.56	\$ 2,879.60
67	Dr Structure Cover, Type G	Ea	1	0	1	\$ 700.00	\$ 700.00	\$ -	\$ 700.00	\$ 650.00	\$ 650.00	\$ -	\$ 650.00	\$ 392.00	\$ -	\$ -	\$ 392.00
68	Dr Structure Cover, Adj, Case 1	Ea	3	3	-	\$ 500.00	\$ 1,500.00	\$ 1,500.00	\$ -	\$ 600.00	\$ 1,800.00	\$ 1,800.00	\$ -	\$ 325.69	\$ 977.07	\$ 977.07	\$ -
69	Dr Structure Cover, Adj, Case 2	Ea	2	2	-	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ -	\$ 450.00	\$ 900.00	\$ 900.00	\$ -	\$ 325.69	\$ 651.38	\$ 651.38	\$ -
70	DPS Structure Cover, Adj, Case 1	Ea	4	4	-	\$ 500.00	\$ 2,000.00	\$ 2,000.00	\$ -	\$ 600.00	\$ 2,400.00	\$ 2,400.00	\$ -	\$ 399.59	\$ 1,598.36	\$ 1,598.36	\$ -
71	DPS Structure Cover, Adj, Case 2	Ea	3	3	-	\$ 500.00	\$ 1,500.00	\$ 1,500.00	\$ -	\$ 450.00	\$ 1,350.00	\$ 1,350.00	\$ -	\$ 399.59	\$ 1,198.77	\$ 1,198.77	\$ -
72	Gate Box, Adj	Ea	5	5	-	\$ 250.00	\$ 1,250.00	\$ 1,250.00	\$ -	\$ 175.00	\$ 875.00	\$ 875.00	\$ -	\$ 399.59	\$ 1,997.95	\$ 1,997.95	\$ -
73	Underdrain, Subgrade, Open-Graded, 6 inch	Ft	3,205	2664	541	\$ 5.25	\$ 16,826.25	\$ 13,986.00	\$ 2,840.25	\$ 15.00	\$ 48,075.00	\$ 39,960.00	\$ 8,115.00	\$ 8.46	\$ 22,537.44	\$ 22,537.44	\$ 4,576.86
74	Underdrain Outlet, 6 inch	Ft	50	50	-	\$ 8.00	\$ 400.00	\$ 400.00	\$ -	\$ 17.00	\$ 850.00	\$ 850.00	\$ -	\$ 15.09	\$ 754.50	\$ 754.50	\$ -
75	Underdrain, Outlet Ending, 6 inch	Ea	2	2	-	\$ 150.00	\$ 300.00	\$ 300.00	\$ -	\$ 190.00	\$ 380.00	\$ 380.00	\$ -	\$ 215.02	\$ 430.04	\$ 430.04	\$ -
76	Curb and Gutter, Conc, Det F4	Ft	2,662	2193	469	\$ 18.00	\$ 47,916.00	\$ 39,474.00	\$ 8,442.00	\$ 18.00	\$ 47,916.00	\$ 39,474.00	\$ 8,442.00	\$ 15.10	\$ 33,114.30	\$ 33,114.30	\$ 7,081.90
77	Driveway Opening, Conc, Det M	Ft	543	471	72	\$ 25.00	\$ 13,575.00	\$ 11,775.00	\$ 1,800.00	\$ 20.00	\$ 10,860.00	\$ 9,420.00	\$ 1,440.00	\$ 21.00	\$ 9,891.00	\$ 9,891.00	\$ 1,512.00
78	Curb	Syd	195	195	-	\$ 70.00	\$ 13,650.00	\$ 13,650.00	\$ -	\$ 68.00	\$ 13,260.00	\$ 13,260.00	\$ -	\$ 44.00	\$ 8,580.00	\$ 8,580.00	\$ -
79	Sidewalk, Conc, 4 inch	Sft	1,482	1482	-	\$ 5.00	\$ 7,410.00	\$ 7,410.00	\$ -	\$ 6.50	\$ 9,633.00	\$ 9,633.00	\$ -	\$ 3.20	\$ 4,742.40	\$ 4,742.40	\$ -
80	Sidewalk Ramp, Conc, 6 inch	Sft	1,220	870	350	\$ 6.00	\$ 7,320.00	\$ 5,220.00	\$ 2,100.00	\$ 10.00	\$ 12,200.00	\$ 8,700.00	\$ 3,500.00	\$ 5.00	\$ 4,350.00	\$ 4,350.00	\$ 1,750.00
81	Detectable Warning Surface	Ft	100	75	25	\$ 80.00	\$ 8,000.00	\$ 6,000.00	\$ 2,000.00	\$ 34.00	\$ 3,400.00	\$ 2,550.00	\$ 850.00	\$ 32.00	\$ 2,400.00	\$ 2,400.00	\$ 800.00
82	Guardrail, Type B	Ft	13	13	-	\$ 20.00	\$ 260.00	\$ 260.00	\$ -	\$ 36.00	\$ 468.00	\$ 468.00	\$ -	\$ 32.54	\$ 423.02	\$ 423.02	\$ -
83	Guardrail Approach Terminal, Type 2M	Ea	1	1	-	\$ 50.00	\$ 50.00	\$ 50.00	\$ -	\$ 3,600.00	\$ 3,600.00	\$ 3,600.00	\$ -	\$ 3,261.30	\$ 3,261.30	\$ 3,261.30	\$ -
84	Guardrail Departing Terminal, Type B	Ea	1	1	-	\$ 50.00	\$ 50.00	\$ 50.00	\$ -	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ -	\$ 1,340.05	\$ 1,340.05	\$ 1,340.05	\$ -
85	Fencing, 3-Rail PVC	Ft	799	799	-	\$ 25.00	\$ 19,975.00	\$ 19,975.00	\$ -	\$ 30.00	\$ 23,970.00	\$ 23,970.00	\$ -	\$ 26.33	\$ 21,037.67	\$ 21,037.67	\$ -
86	Surface Restoration	LSUM	1	1	-	\$ 27,000.00	\$ 27,000.00	\$ 27,000.00	\$ -	\$ 65,000.00	\$ 65,000.00	\$ 65,000.00	\$ -	\$ 69,000.00	\$ 69,000.00	\$ 69,000.00	\$ -
86A	Surface Restoration (Alt 1)	LSUM	1	-	1	\$ 3,000.00	\$ 3,000.00	\$ -	\$ 3,000.00	\$ 7,200.00	\$ 7,200.00	\$ -	\$ 7,200.00	\$ 6,667.00	\$ -	\$ 6,667.00	
87	Site Preparation	LSUM	1	1	-	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ -	\$ 630.00	\$ 630.00	\$ 630.00	\$ -	\$ 37,513.82	\$ 37,513.82	\$ 37,513.82	\$ -
88	Shrub	Ea	6	6	-	\$ 150.00	\$ 900.00	\$ 900.00	\$ -	\$ 160.00	\$ 960.00	\$ 960.00	\$ -	\$ 150.00	\$ 900.00	\$ 900.00	\$ -
89	Live Staking/Joint Planting	Sft	1,000	1000	-	\$ 6.00	\$ 6,000.00	\$ 6,000.00	\$ -	\$ 17.00	\$ 17,000.00	\$ 17,000.00	\$ -	\$ 16.00	\$ 16,000.00	\$ 16,000.00	\$ -
90	Vegetated Riprap/Riprap Toe	Sft	1,000	1000	-	\$ 10.00	\$ 10,000.00	\$ 10,000.00	\$ -	\$ 51.00	\$ 51,000.00	\$ 51,000.00	\$ -	\$ 48.00	\$ 48,000.00	\$ 48,000.00	\$ -
91	Vegetated Mechanically Stabilized Earth	Sft	1,000	1000	-	\$ 10.00	\$ 10,000.00	\$ 10,000.00	\$ -	\$ 68.00	\$ 68,000.00	\$ 68,000.00	\$ -	\$ 64.00	\$ 64,000.00	\$ 64,000.00	\$ -
92	Post, Steel, 3 lb	Ft	165	165	-	\$ 5.25	\$ 866.25	\$ 866.25	\$ -	\$ 7.50	\$ 1,237.50	\$ 1,237.50	\$ -	\$ 5.50	\$ 907.50	\$ 907.50	\$ -
93	Sign, Type IIA	Sft	48	48	-	\$ 16.00	\$ 768.00	\$ 768.00	\$ -	\$ 25.00	\$ 1,200.00	\$ 1,200.00	\$ -	\$ 17.00	\$ 816.00	\$ 816.00	\$ -
94	Sign, Type IIB	Sft	20	20	-	\$ 16.00	\$ 320.00	\$ 320.00	\$ -	\$ 25.00	\$ 500.00	\$ 500.00	\$ -	\$ 17.75	\$ 355.00	\$ 355.00	\$ -
95	Sign, Type IIIA	Sft	18	18	-	\$ 15.00	\$ 270.00	\$ 270.00	\$ -	\$ 25.00	\$ 450.00	\$ 450.00	\$ -	\$ 16.00	\$ 288.00	\$ 288.00	\$ -
96	Sign, Type IIIB	Sft	19	19	-	\$ 15.00	\$ 285.00	\$ 285.00	\$ -	\$ 25.00	\$ 475.00	\$ 475.00	\$ -	\$ 15.00	\$ 285.00	\$ 285.00	\$ -
97	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	Ft	380	325	55	\$ 0.20	\$ 76.00	\$ 65.00	\$ 11.00	\$ 0.75	\$ 285.00	\$ 243.75	\$ 41.25	\$ 0.75	\$ 243.75	\$ 243.75	\$ 41.25
98	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	Ft	3,580	2810	770	\$ 0.20	\$ 716.00	\$ 562.00	\$ 154.00	\$ 0.75	\$ 2,685.00	\$ 2,107.50	\$ 577.50	\$ 0.75	\$ 2,107.50	\$ 2,107.50	\$ 577.50
99	Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	Ea	1	1	-	\$ 125.00	\$ 125.00	\$ 125.00	\$ -	\$ 95.00	\$ 95.00	\$ 95.00	\$ -	\$ 120.00	\$ 120.00	\$ 120.00	\$ -
100	Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	Ea	1	1	-	\$ 125.00	\$ 125.00	\$ 125.00	\$ -	\$ 95.00	\$ 95.00	\$ 95.00	\$ -	\$ 95.00	\$ 95.00	\$ 95.00	\$ -
101	Pavt Mrkg, Waterborne, Rt and Lt Turn Arrow Sym	Ea	1	1	-	\$ 150.00	\$ 150.00	\$ 150.00	\$ -	\$ 120.00	\$ 120.00	\$ 120.00	\$ -	\$ 95.00	\$ 95.00	\$ 95.00	\$ -
102	Pavt Mrkg, Waterborne, 18 inch, Stop Bar	Ft	56	44	12	\$ 8.00	\$ 448.00	\$ 352.00	\$ 96.00	\$ 4.50	\$ 252.00	\$ 198.00	\$ 54.00	\$ 4.50	\$ 198.00	\$ 198.00	\$ 54.00
103	Pavt Mrkg, Waterborne, 6 inch, Crosswalk	Ft	170	95	75	\$ 3.00	\$ 510.00	\$ 285.00	\$ 225.00	\$ 1.50	\$ 255.00	\$ 142.50	\$ 112.50	\$ 4.50	\$ 427.50	\$ 427.50	\$ 337.50
104	Sewer, Surface Repairs, 1 inch	Sft	16	16	-	\$ 75.00	\$ 1,200.00	\$ 1,200.00	\$ -	\$ 215.00	\$ 3,440.00	\$ 3,440.00	\$ -	\$ 125.00	\$ 2,000.00	\$ 2,000.00	\$ -
105	Sewer, Steel Replacement	Lbs	10	10	-	\$ 50.00	\$ 500.00	\$ 500.00	\$ -	\$ 215.00	\$ 2,150.00	\$ 2,150.00	\$ -	\$ 250.00	\$ 2,500.00	\$ 2,500.00	\$ -
106	Chemical Pipe Joint Grouting, (84 inch)	Ea	11	11	-	\$ 150.00	\$ 1,650.00	\$ 1,650.00	\$ -	\$ 1,500.00	\$ 16,500.00	\$ 16,500.00	\$ -	\$ 1,000.00	\$ 11,000.00	\$ 11,000.00	\$ -
107	Chemical Pipe Crack Grouting	Ea	10	10	-	\$ 150.00	\$ 1,500.00	\$ 1,500.00	\$ -	\$ 1,500.00	\$ 15,000.00	\$ 15,000.00	\$ -	\$ 500.00	\$ 5,000.00	\$ 5,000.00	\$ -
108	Watermain, DI, 8 inch	Ft	338	338	-	\$ 125.00	\$ 42,250.00	\$ 42,250.00	\$ -	\$ 225.00	\$ 76,050.00	\$ 76,050.00	\$ -	\$ 89.18	\$ 30,142.84	\$ 30,142.84	\$ -
109	Fire Hydrant	Ea	1	1	-	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ -	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ -	\$ 4,259.02	\$ 4,259.02	\$ 4,259.02	\$ -
110	8 inch Tapping Sleeve, Valve and Well	Ea	1	1	-	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ -	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ -	\$ 6,498.20	\$ 6,498.20	\$ 6,498.20	\$ -
111	8 Inch Gate Valve and Well	Ea	1	1	-	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ -	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ -	\$ 3,805.28	\$ 3,805.28	\$ 3,805.28	\$ -
112	Insulation Board, 2 inch	Sft	1,350	1350	-	\$ 4.00	\$ 5,400.00	\$ 5,400.00	\$ -	\$ 6.00	\$ 8,100.00	\$ 8,100.00	\$ -	\$ 5.43	\$ 7,330.50	\$ 7,330.50	\$ -
113	Sanitary Sewer Lead, 8 inch	Ft	132	132	-	\$ 125.00	\$ 16,500.00	\$ 16,500.00	\$ -	\$ 110.00	\$ 14,520.00	\$ 14,520.00	\$ -	\$ 100.12	\$ 13,215.84	\$ 13,215.84	\$ -
114	Sanitary Manhole	Ea	2	2	-	\$ 4,000.00	\$ 8,000.00	\$ 8,000.00	\$ -	\$ 4,300.00	\$ 8,600.00	\$ 8,600.00	\$ -	\$ 2,695.64	\$ 5,391.28	\$ 5,391.28	\$ -
115	Sanitary Internal Drop	Ea	2	2	-	\$ 3,000.00	\$ 6,000.00	\$ 6,000.00	\$ -	\$ 1,300.00	\$ 2,600.00	\$ 2,600.00	\$ -	\$ 1,269.75	\$ 2,539.50	\$ 2,539.50	\$ -
116	Sanitary Manhole, Tap, 8 inch	Ea	2	2	-	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00	\$ -	\$ 2,800.00	\$ 5,600.00	\$ 5,600.00	\$ -	\$ 444.81	\$ 889.62	\$ 889.62	\$ -
109	Preconstruction Audio Visual (Alt 1)	LSUM	-	0	-	\$ 200.00	\$ -	\$ -	\$ -	\$ 200.00	\$ -	\$ -	\$ -	\$ 200.00	\$ -	\$ -	\$ -
109	Surface Restoration (Alt 1)	LSUM	-	0	-	\$ 5,000.00	\$ -	\$ -	\$ -	\$ 5,000.00	\$ -	\$ -	\$ -	\$ 5,000.00	\$ -	\$ -	\$ -
117	Sewer, Rem, Less than 24 inch	Ft	161	161	-	\$ 5.00	\$ 805.00	\$ 805.00	\$ -	\$ 35.00	\$ 5,635.00	\$ 5,635.00	\$ -	\$ 11.77	\$ 1,894.97	\$ 1,894.97	\$ -
118	Crew Days	Day	\$700.00	\$700.00		95	\$ 66,500.00	\$ 66,500.00	\$ -	95.00	\$ 66,500.00	\$ 66,500.00	\$ -	120.00	\$ 84,000.00	\$ 84,000.00	\$ -
118A	Crew Days (Alt 1)	Day	\$700.00		\$700.00	10	\$ 7,000.00	\$ -	\$ 7,000.00	1.00	\$ 700.00	\$ -	\$ 700.00	20.00	\$ -	\$ 20.00	\$ 14,000.00
	Construction Contingency for Engineer's Estimate	LSUM					\$ 169,899.77	\$ 143,901.93	\$ 25,997.84		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
	Total Bid						\$ 2,111,012.79	\$ 1,792,268.36	\$ 318,744.43		\$ 3,280,805.50	\$ 2,815,802.25	\$ 465,003.25		\$ 2,936,731.12	\$ 2,936,751.12	\$ 504,835.63

Award Amount (Excludes Crew D

Indicates Corrected Entry

**BID
For
Bond St. Construction**

Bid of Fonson Company, Inc. 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 or its representative has made personal investigation at the sites of the work 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
1	May 24, 2019
2	May 28, 2019

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% Max.)	LSUM	1	\$ 167,000.00	\$ 167,000.00
2	Pre-Construction Audio-Visual	LSUM	1	\$ 970.00	\$ 970.00
3	Maintaining Traffic	LSUM	1	\$ 36,000.00	\$ 36,000.00
4	Stump Removal, Special	Acre	1.66	\$ 11,000.00	\$ 18,260.00
5	Masonry and Conc Structure, Rem	Cyd	10	\$ 100.00	\$ 1,000.00

BASE BID					
Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
6	HMA Surface, Rem	Syd	3,634	\$ 5.00	\$ 18,170.00
7	Pavt, Rem	Syd	586	\$ 10.00	\$ 5,860.00
8	Sidewalk, Rem	Syd	83	\$ 16.00	\$ 1,328.00
9	Curb and Gutter, Rem	Ft	574	\$ 11.00	\$ 6,314.00
10	Guardrail, Rem	Ft	117	\$ 29.34	\$ 3,432.78
11	Fence, Rem	Ft	192	\$ 14.44	\$ 2,772.48
12	Subgrade Undercutting, Special	Cyd	300	\$ 59.00	\$ 17,700.00
13	Roadway Grading	Sta	13.9	\$ 26,304.00	\$ 365,625.60
14	Channel Grading	Sta	8.0	\$ 8,100.00	\$ 64,800.00
16	Silt Fence	Ft	1,800	\$ 4.00	\$ 7,200.00
17	Curb and Gutter Inlet Filter	Ea	19	\$ 160.00	\$ 3,040.00
18	Erosion Control, Turbidity Curtain, Shallow	Ft	200	\$ 27.00	\$ 5,400.00
19	Aggregate Base, 21AA, Limestone, 10 inch	Syd	5,002	\$ 15.00	\$ 75,030.00
20	Aggregate Base, 21AA, Limestone, 6 Inch	Syd	1,739	\$ 12.00	\$ 20,868.00
21	Aggregate, 6A	Cyd	951	\$ 60.00	\$ 57,060.00
22	Geotextile, Separator	Syd	1,686	\$ 2.00	\$ 3,372.00
23	Tensar TX5 Geogrid	Syd	4,113	\$ 2.00	\$ 8,226.00
24	HMA, 36A	Ton	152	\$ 160.00	\$ 24,320.00
25	HMA, 13A	Ton	159	\$ 150.00	\$ 23,850.00
26	HMA, 3E3	Ton	1,345	\$ 100.00	\$ 134,500.00
27	HMA, 5E3	Ton	599	\$ 130.00	\$ 77,870.00
28	HMA Approach	Ton	20	\$ 260.00	\$ 5,200.00
29	Hh, Rem	Ea	1	\$ 1,675.00	\$ 1,675.00
30	Case Sign Panel, Rem	Ea	2	\$ 700.00	\$ 1,400.00
31	Case Sign Panel	Ea	2	\$ 1,100.00	\$ 2,200.00
32	Hh, Round	Ea	1	\$ 2,360.00	\$ 2,360.00

BASE BID					
Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
33	Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated	Ea	1	\$ 3,075.00	\$ 3,075.00
34	Conduit, DB, 1, 1 1/4 inch	Ft	20	\$ 50.00	\$ 1,000.00
35	Maintaining Stream Flow	LSUM	1	\$ 108,000.00	\$ 108,000.00
36	Riprap, Plain, Mod	Syd	179	\$ 98.00	\$ 17,542.00
37	Backfill, Structure, CIP	Cyd	1,450	\$ 42.00	\$ 60,900.00
38	Structures, Rem	LSUM	1	\$ 30,000.00	\$ 30,000.00
39	Excavation, Fdn	Cyd	2,750	\$ 18.00	\$ 49,500.00
40	Conc, Grade S2	Cyd	195	\$ 941.67	\$ 183,625.65
41	Culv, Precast Conc Box, 14 foot by 7 foot, Install	Ft	66	\$ 850.00	\$ 56,100.00
42	Culv, Bedding, Box Culv	Cyd	110	\$ 80.00	\$ 8,800.00
43	Reinforcement, Steel, Epoxy Coated	Lb	33,555	\$ 1.50	\$ 50,332.50
44	Joint Waterproofing	Sft	202	\$ 15.00	\$ 3,030.00
45	Joint Waterproofing, Expansion	Sft	10	\$ 15.00	\$ 150.00
46	Steel Sheet Piling, Permanent	Sft	1,050	\$ 34.95	\$ 36,697.50
47	Shear Developers (Retaining Wall)	LSUM	1	\$ 3,000.00	\$ 3,000.00
48	Steel Sheet Piling, Temp, Left in Place	Sft	627	\$ 34.61	\$ 21,700.47
49	Conc, Grade D	Cyd	32	\$ 1,000.94	\$ 32,030.08
50	Bridge Railing, Aesthetic Parapet Tube	Ft	78	\$ 295.57	\$ 23,054.46
51	Culv End Section, 12 inch	Ea	1	\$ 550.00	\$ 550.00
52	Culv End Section, 15 inch	Ea	1	\$ 750.00	\$ 750.00
53	Culv End Section, 24 inch	Ea	1	\$ 1,000.00	\$ 1,000.00
54	Sewer, Cl E, 12 inch, Tr Det B	Ft	697	\$ 70.00	\$ 48,790.00
55	Sewer, Cl E, 15 inch, Tr Det B	Ft	223	\$ 75.00	\$ 16,725.00
56	Sewer, Cl E, 24 inch, Tr Det B	Ft	186	\$ 105.00	\$ 19,530.00
57	Perforated Sewer, Cl III, 78 inch, Tr Det B	Ft	256	\$ 425.00	\$ 108,800.00
58	Videotaping Sewer and Culv Pipe	Ft	1,153	\$ 2.00	\$ 2,306.00

BASE BID					
Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
59	Dr Structure, 24 inch dia	Ea	8	\$ 1,550.00	\$ 12,400.00
60	Dr Structure, 48 inch dia	Ea	12	\$ 2,600.00	\$ 31,200.00
61	Dr Structure, 84 inch dia, with Weir	Ea	1	\$ 15,000.00	\$ 15,000.00
62	MH, Precast Tee, Cl III, 78 inch	Ea	6	\$ 5,500.00	\$ 33,000.00
63	MH Riser	Ft	6	\$ 450.00	\$ 2,700.00
64	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	Ft	4	\$ 180.00	\$ 720.00
65	Dr Structure Cover, Type B	Ea	9	\$ 550.00	\$ 4,950.00
66	Dr Structure Cover, Type K	Ea	18	\$ 740.00	\$ 13,320.00
68	Dr Structure Cover, Adj, Case 1	Ea	3	\$ 900.00	\$ 2,700.00
69	Dr Structure Cover, Adj, Case 2	Ea	2	\$ 350.00	\$ 700.00
70	DPS Structure Cover, Adj, Case 1	Ea	4	\$ 980.00	\$ 3,920.00
71	DPS Structure Cover, Adj, Case 2	Ea	3	\$ 440.00	\$ 1,320.00
72	Gate Box, Adj	Ea	5	\$ 500.00	\$ 2,500.00
73	Underdrain, Subgrade, Open-Graded, 6 inch	Ft	2,664	\$ 18.00	\$ 47,952.00
74	Underdrain Outlet, 6 inch	Ft	50	\$ 42.00	\$ 2,100.00
75	Underdrain, Outlet Ending, 6 inch	Ea	2	\$ 200.00	\$ 400.00
76	Curb and Gutter, Conc, Det F4	Ft	2,193	\$ 15.50	\$ 33,991.50
77	Driveway Opening, Conc, Det M	Ft	471	\$ 22.00	\$ 10,362.00
78	Driveway, Nonreinforced Conc, 8 inch, with Integral Curb	Syd	195	\$ 44.00	\$ 8,580.00
79	Sidewalk, Conc, 4 inch	Sft	1,482	\$ 3.20	\$ 4,742.40
80	Sidewalk Ramp, Conc, 6 inch	Sft	870	\$ 5.30	\$ 4,611.00
81	Detectable Warning Surface	Ft	75	\$ 32.00	\$ 2,400.00
82	Guardrail, Type B	Ft	13	\$ 32.54	\$ 423.02
83	Guardrail Approach Terminal, Type 2M	Ea	1	\$ 3,261.30	\$ 3,261.30
84	Guardrail Departing Terminal, Type B	Ea	1	\$ 1,340.05	\$ 1,340.05
85	Fencing, 3-Rail PVC	Ft	799	\$ 26.33	\$ 21,037.67

BASE BID					
Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
86	Surface Restoration	LSUM	1	\$ 40,000.00	\$ 40,000.00
87	Site Preparation	LSUM	1	\$ 300.00	\$ 300.00
88	Shrub	Ea	6	\$ 75.00	\$ 450.00
89	Live Staking/Joint Planting	Sft	1,000	\$ 12.00	\$ 12,000.00
90	Vegetated Riprap/Riprap Toe	Sft	1,000	\$ 16.00	\$ 16,000.00
91	Vegetated Mechanically Stabilized Earth	Sft	1,000	\$ 38.00	\$ 38,000.00
92	Post, Steel, 3 lb	Ft	165	\$ 8.00	\$ 1,320.00
93	Sign, Type IIA	Sft	48	\$ 16.00	\$ 768.00
94	Sign, Type IIB	Sft	20	\$ 16.00	\$ 320.00
95	Sign, Type IIIA	Sft	18	\$ 12.00	\$ 216.00
96	Sign, Type IIIB	Sft	19	\$ 11.25	\$ 213.75
97	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	Ft	325	\$ 0.75	\$ 243.75
98	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	Ft	2,810	\$ 0.75	\$ 2,107.50
99	Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	Ea	1	\$ 120.00	\$ 120.00
100	Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	Ea	1	\$ 95.00	\$ 95.00
101	Pavt Mrkg, Waterborne, Rt and Lt Turn Arrow Sym	Ea	1	\$ 95.00	\$ 95.00
102	Pavt Mrkg, Waterborne, 18 inch, Stop Bar	Ft	44	\$ 4.50	\$ 198.00
103	Pavt Mrkg, Waterborne, 6 inch, Crosswalk	Ft	95	\$ 1.50	\$ 142.50
104	Sewer, Surface Repairs, 1 inch	Sft	16	\$ 320.00	\$ 5,120.00
105	Sewer, Steel Replacement	Lbs	10	\$ 230.00	\$ 2,300.00
106	Chemical Pipe Joint Grouting, (84 inch)	Ea	11	\$ 2,000.00	\$ 22,000.00
107	Chemical Pipe Crack Grouting	Ea	10	\$ 2,000.00	\$ 20,000.00
108	Watermain, DI, 8 inch	Ft	338	\$ 160.00	\$ 54,080.00
109	Fire Hydrant	Ea	1	\$ 5,500.00	\$ 5,500.00
110	8 inch Tapping Sleeve, Valve and Well	Ea	1	\$ 10,000.00	\$ 10,000.00
111	8 Inch Gate Valve and Well	Ea	1	\$ 5,400.00	\$ 5,400.00

BASE BID					
Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
112	Insulation Board, 2 inch	Sft	1,350	\$ 5.00	\$ 6,750.00
113	Sanitary Sewer Lead, 8 inch	Ft	132	\$ 139.00	\$ 18,348.00
114	Sanitary Manhole	Ea	2	\$ 4,485.00	\$ 8,970.00
115	Sanitary Internal Drop	Ea	2	\$ 1,640.00	\$ 3,280.00
116	Sanitary Manhole, Tap, 8 inch	Ea	2	\$ 3,230.00	\$ 6,460.00
117	Sewer, Rem, Less than 24 inch	Ft	161	31.00	4,991.00
118	Crew Days	Day	⁹⁰	\$ 700.00	\$ 63,000.00
TOTAL BASE BID PRICE:				\$ 2,664,211.96	

BID ALTERNATE 1					
Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
1	Mobilization (Alt 1)	LSUM	1	\$ 65,000.00	\$ 65,000.00
2	Preconstruction Audio Visual (Alt 1)	LSUM	1	\$ 720.00	\$ 720.00
86	Surface Restoration (Alt 1)	LSUM	1	\$ 17,200.00	\$ 17,200.00
12	Subgrade Undercutting, Special	Cyd	100	\$ 59.00	\$ 5,900.00
13	Roadway Grading	Sta	2.5	\$ 26,304.00	\$ 65,760.00
15	Granular Material, Cl 3	Ft CY	9,000	\$ 40.00	\$ 360,000.00
16	Silt Fence	Ft	200	\$ 4.00	\$ 800.00
17	Curb and Gutter Inlet Filter	Ea	5	\$ 160.00	\$ 800.00
19	Aggregate Base, 21AA, Limestone, 10 inch	Syd	1,011	\$ 15.00	\$ 15,165.00
20	Aggregate Base, 21AA, Limestone, 6 inch	Syd	305	\$ 12.00	\$ 3,660.00
23	Tensar TX5 Geogrid	Syd	830	\$ 2.00	\$ 1,660.00
24	HMA, 36A	Ton	29	\$ 160.00	\$ 4,640.00
25	HMA, 13A	Ton	31	\$ 150.00	\$ 4,650.00
26	HMA, 3E3	Ton	251	\$ 100.00	\$ 25,100.00

BID ALTERNATE 1					
Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
27	HMA, 5E3	Ton	101	\$ 130.00	\$ 13,130.00
28	HMA Approach	Ton	5	\$ 260.00	\$ 1,300.00
54	Sewer, Cl E, 12 inch, Tr Det B	Ft	328	\$ 70.00	\$ 22,960.00
55	Sewer, Cl E, 15 inch, Tr Det B	Ft	94	\$ 75.00	\$ 7,050.00
58	Videotaping Sewer and Culvert Pipe	Ft	422	\$ 2.00	\$ 844.00
59	Dr Structure, 24 inch dia	Ea	1	\$ 1,550.00	\$ 1,550.00
60	Dr Structure, 48 inch dia	Ea	6	\$ 2,600.00	\$ 15,600.00
64	Str Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	Ft	3	\$ 180.00	\$ 540.00
66	Dr Structure Cover, Type K	Ea	5	\$ 740.00	\$ 3,700.00
67	Dr Structure Cover, Type G	Ea	1	\$ 588.47	\$ 588.47
73	Underdrain, Subgrade, Open Graded, 6 inch	Ft	541	\$ 18.00	\$ 9,738.00
76	Curb and Gutter, Conc, Det F4	Ft	469	\$ 15.50	\$ 7,269.50
77	Driveway Opening, Conc, Det M	Ft	72	\$ 22.00	\$ 1,584.00
80	Sidewalk Ramp, Conc, 6 inch	Sft	350	\$ 5.30	\$ 1,855.00
81	Detectable Warning Surface	Ft	25	\$ 32.00	\$ 800.00
97	Pavt Mrkg, Sprayable Termopl, 4 inch, White	Ft	55	\$ 0.75	\$ 41.25
98	Pavt Mrkg, Sprayable Termopl, 4 inch, Yellow	Ft	770	\$ 0.75	\$ 577.50
102	Pavt Mrkg, Waterborne, 18 inch, Stop Bar	Ft	12	\$ 4.50	\$ 54.00
103	Pavt Mrkg, Waterborne, 6 inch, Crosswalk	Ft	75	\$ 1.50	\$ 112.50
118	Crew Days (Alt 1)	Day	30	\$ 700.00	\$ 21,000.00
TOTAL BID ALTERNATE 1 PRICE:				\$	681,349.22

Bidders MUST enter the same unit price in the Base Bid and the Alternate Bid excepting for the Lump Sum Items. In the event that two unit prices are entered for the same item of work, the lowest unit price will be used in determining the bid amount.

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.

Substantial Completion shall be by November 15, 2019.

Final Completion shall be by April 15, 2020.

Substantial completion shall include all work, excepting final surface restoration.

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 times listed above, the OWNER will suffer a damage of One Thousand Three Hundred Dollars (\$1,300.00) per calendar 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 5-29-2019
Date*

7644 Whitmore Lake Road
Street*

Brighton, MI 48116
City, State, ZIP*

810-231-5188
Telephone Number*

810-231-5404
Facsimile Number*

BY: Fonson Company, Inc.
Name of Bidder*


Signature

JOHN HEAVEY, EST. & CONST. 17912.
Name and Title of Signatory*

*Typed or printed in ink.