



**CITY OF NOVI CITY COUNCIL  
JULY 27, 2020**

**SUBJECT:** Consideration of approval to award the construction contract for the 2020 Pathway Gap and ADA Compliance Program to Merlo Construction Company, Inc., the low-bidder, in the amount of \$823,127.40.

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

<b>EXPENDITURE REQUIRED</b>	<p>\$ 63,941.00 Segment 43 – Wixom Road          \$ 87,562.50 Segment 39 – Beck Road          \$ 141,505.00 Segment 120a – Haggerty Road          \$ 179,970.00 Segment 120b – Haggerty Road          \$ 109,674.40 Segment 120c – Haggerty Road          \$ 104,750.00 ADA Upgrades - Grand River at Suburban/Taft Road          \$ 39,739.00 Segment 60 – 11 Mile Road &amp; Clark Street          \$ 55,608.50 Willowbrook Road Segment          \$ 40,377.00 Segment 78c – Grand River Ave, E of Olde Orchard  <u>\$ 823,127.40 TOTAL</u></p>
<b>AMOUNT BUDGETED</b>	<p>\$ 126,347.00 Segment 43 – Wixom Road          \$ 120,658.00 Segment 39 – Beck Road          \$ 187,205.00 Segment 120a – Haggerty Road          \$ 249,432.00 Segment 120b – Haggerty Road          \$ 146,570.00 Segment 120c – Haggerty Road          \$ 152,642.00 ADA Upgrades – Grand River at Suburban/Taft Road          \$ 59,349.00 Segment 60 – 11 Mile Road &amp; Clark Street          \$ 75,872.00 Willowbrook Road Segment  <u>\$ 61,566.00 Segment 78c – Grand River Avenue</u>  <u>\$ 1,179,642.00 TOTAL</u></p>
<b>APPROPRIATION REQUIRED</b>	<p>\$ 0</p>
<b>LINE ITEM NUMBER</b>	<p>400-204.00-974.478 2020 Pathways &amp; ADA Improvements          204-204.00-974.478 2020 Pathways &amp; ADA Improvements</p>

**BACKGROUND INFORMATION:** The 2020 Pathway Gap and ADA Compliance program (formerly the 2019 Pathways and ADA program) consists of approximately 22,070 square feet of concrete sidewalk and 2,320 square feet of ADA sidewalk ramps at various locations throughout the City. Push button upgrades are also included to improve the safety of pedestrian crossings on Haggerty Road, between Eight Mile Road and Nine Mile Road, and on Grand River Avenue at the Suburban Showplace Collection and Taft Road.

OHM Advisors assisted the Engineering Division with developing the engineering design plans for this project. The plans were advertised for public bids on June 17, 2020. Four (4) bids were received and opened on July 13, 2020 following the solicitation period. Merlo Construction Company's bid is recommended in the best interest of the City, as it is responsive and complies with all of the requirements of the bidding instructions. The award recommendation letter including the bid tabulation of all bidders is included in the packet.

A summary of the bids is as follows:

<b>Contractor</b>	<b>Total Program Bid (includes Crew Days)*</b>
Merlo Construction Company, Inc.	\$915,527.40
Warren Contractors & Development	\$1,089,475.13
Audia Concrete Construction, Inc.	\$1,107,557.00
L.J. Construction, Inc.	\$1,137,451.00

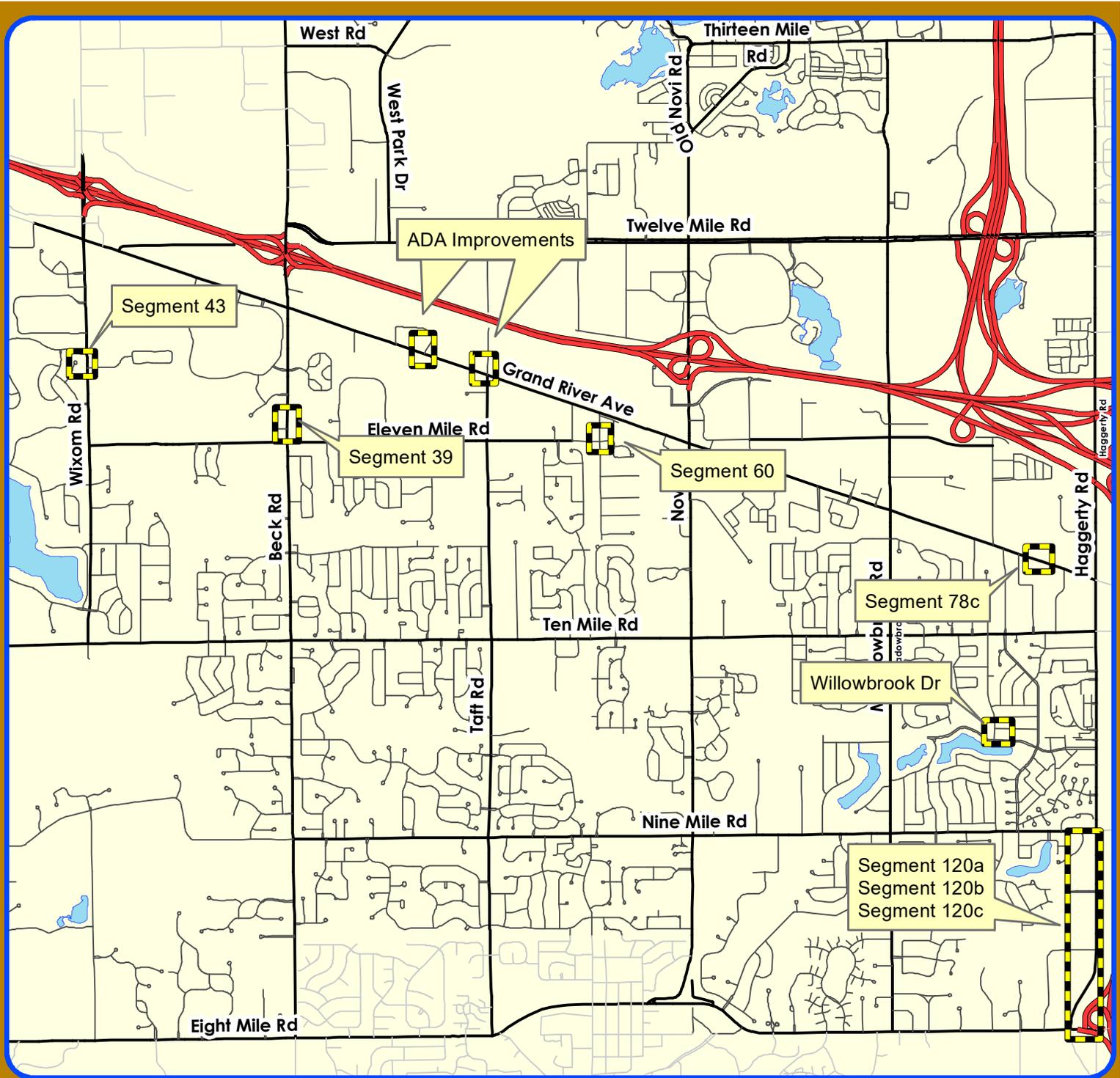
**\*Crew Days are included to compare bids, but not included in the award**

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.

	OHM		TEC
	Contract Admin (6.25% of construction award, \$51,445.47 total)	Crew Days (\$700 daily inspection fee, \$92,400 total)	Material Testing (2% of construction award, \$16,462.55 total)
Segment 43 – Wixom Rd	\$3,996.31	11 days - \$7,700	\$1,278.82
Segment 39 – Beck Rd	\$5,472.66	13 days - \$9,100	\$1,751.25
Segment 120a – Haggerty Rd	\$8,844.06	16 days - \$11,200	\$2,830.10
Segment 120b – Haggerty Rd	\$11,248.13	18 days - \$12,600	\$3,599.40
Segment 120c – Haggerty Rd	\$6,854.65	14 days - \$9,800	\$2,193.49
ADA Upgrades – Grand River & Suburban /Taft Road	\$6,546.88	22 days - \$15,400	\$2,095.00
Segment 60 – 11 Mile Rd	\$2,483.69	14 days - \$9,800	\$794.78
Willowbrook Rd Segment	\$3,475.53	13 days - \$9,100	\$1,112.17
Segment 78c – Grand River Ave, East of Olde Orchard	\$2,523.56	11 days - \$7,700	\$807.54

Construction will start in August with substantial completion in Spring 2021.

**RECOMMENDED ACTION:** Approval to award the construction contract for the 2020 Pathway Gap and ADA Compliance Program to Merlo Construction Company, Inc., the low-bidder, in the amount of \$823,127.40.



# 2020 Pathway Gap and ADA Compliance Program

## Location Map

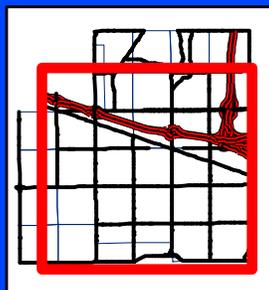
Map Author: Rebecca Runkel  
 Date: July 1, 2020  
 Project: 2020 Pathway Gap and ADA Compliance  
 Version #: 1.1

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.

 Project Area



**City of Novi**  
 Engineering Division  
 Department of Public Works  
 26300 Lee BeGole Drive  
 Novi, MI 48375  
[cityofnovi.org](http://cityofnovi.org)





July 16, 2020

Benjamin Croy, PE, City Engineer  
City of Novi  
Department of Public Works  
26300 Lee Begole Drive  
Novi, MI 48375

RE: 2020 Pathway Gap and ADA Compliance Program  
Recommendation of Award

Dear Mr. Croy:

The City received sealed bids for the 2020 Pathway Gap and ADA Compliance Program on Monday, July 13, at 2:00 pm. The City received proposals from four (4) bidders. We have reviewed and checked the bids, and attached the Bid Tabulation for your information. The three lowest bidders are as follows:

<b>Contractor</b>	<b>TOTAL BID</b>
Merlo Construction Co.	<b>\$915,527.40</b>
Warren Contractors and Development	<b>\$1,089,475.13</b>
Audia Concrete Construction	<b>\$1,107,557.00</b>

The final engineer's estimate of probable construction costs was \$946,582.50. The project scope consists of construction of approximately 22,070 square feet of concrete sidewalk with 2,320 square feet of concrete sidewalk ADA ramps at various gap locations throughout the City. The work also includes approximately 1,200 square feet of modular block retaining wall and associated push button upgrades.

Merlo Construction Co. is the apparent lowest responsible bidder for this project. Merlo Construction has nearly 30 years of experience in similar construction activities and have satisfactorily completed similar projects in other southeast Michigan communities for municipalities, road commissions, and MDOT.

We therefore recommend award of this contract to Merlo Construction Co. in the amount of **\$823,127.40** per the unit prices bid for the project. Please note that this contract award amount is derived from the total bid amount of \$915,527.40, less the crew day cost of \$92,400.

We look forward to continuing to provide professional services on this project through the construction phase of work. If you have any questions, please do not hesitate to give me a call at (248) 751-3111.

Sincerely,  
**OHM Advisors**

A handwritten signature in blue ink, appearing to read "SASIK", is written over a horizontal line.

Steve Siklich, PE  
Project Manager



Encl: Bid Tab Summary

cc: Jeff Herczeg, Director of Public Works  
Aaron Staup, Construction Engineer  
Rebecca Runkel, Project Engineer  
Alisha Stidam, OHM  
Tim Juidici, OHM  
Barry Gates, OHM

Item No.	Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>CATEGORY 1 -Segment 43- Wixom</b>										
1	Mobilization, Max	1 LSUM	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00
2	Tree, Rem, 6 inch to 18 inch	3 Ea	\$600.00	\$1,800.00	\$660.00	\$1,980.00	\$870.00	\$2,610.00	\$650.00	\$1,950.00
3	Curb and Gutter, Rem	22 Ft	\$17.00	\$374.00	\$35.00	\$770.00	\$15.00	\$330.00	\$25.00	\$550.00
4	Pavt, Rem	80 Syd	\$18.00	\$1,440.00	\$35.00	\$2,800.00	\$18.00	\$1,440.00	\$15.00	\$1,200.00
5	Sidewalk, Rem	31 Syd	\$15.00	\$465.00	\$35.00	\$1,085.00	\$18.00	\$558.00	\$15.00	\$465.00
6	Rock, Relocate	8 Ea	\$50.00	\$400.00	\$55.00	\$440.00	\$200.00	\$1,600.00	\$50.00	\$400.00
7	Granular Material, CI II	80 Cyd	\$26.00	\$2,080.00	\$54.00	\$4,320.00	\$33.00	\$2,640.00	\$20.00	\$1,600.00
8	Subgrade Undercutting, Type II	10 Cyd	\$36.00	\$360.00	\$99.00	\$990.00	\$33.00	\$330.00	\$30.00	\$300.00
9	Ditch Grading	143 Ft	\$32.00	\$4,576.00	\$12.00	\$1,716.00	\$17.00	\$2,431.00	\$5.00	\$715.00
10	Clearing	180 Syd	\$10.00	\$1,800.00	\$11.00	\$1,980.00	\$20.00	\$3,600.00	\$11.00	\$1,980.00
11	Earthwork	1 LSUM	\$4,000.00	\$4,000.00	\$10,000.00	\$10,000.00	\$2,000.00	\$2,000.00	\$20,000.00	\$20,000.00
12	Erosion Control, Inlet Protection, Fabric Drop	1 Ea	\$150.00	\$150.00	\$110.00	\$110.00	\$150.00	\$150.00	\$100.00	\$100.00
13	Erosion Control, Silt Fence	184 Ft	\$2.50	\$460.00	\$5.00	\$920.00	\$4.00	\$736.00	\$3.00	\$552.00
14	Audio-Video Route Survey	1 LSUM	\$725.00	\$725.00	\$440.00	\$440.00	\$900.00	\$900.00	\$750.00	\$750.00
15	Aggregate Base, 21AA, 6 inch	74 Syd	\$14.00	\$1,036.00	\$20.00	\$1,480.00	\$20.00	\$1,480.00	\$25.00	\$1,850.00
16	Aggregate Base, 21AA, 4 inch	183 Syd	\$12.00	\$2,196.00	\$13.00	\$2,379.00	\$18.00	\$3,294.00	\$17.00	\$3,111.00
17	Maintenance Aggregate	63 Ton	\$20.00	\$1,260.00	\$60.00	\$3,780.00	\$35.00	\$2,205.00	\$25.00	\$1,575.00
18	Sewer, CI IV, 12 inch, Tr Det A	30 Ft	\$150.00	\$4,500.00	\$107.00	\$3,210.00	\$145.00	\$4,350.00	\$50.00	\$1,500.00
19	Sewer, CI IV, 12 inch, Tr Det B	20 Ft	\$200.00	\$4,000.00	\$115.00	\$2,300.00	\$145.00	\$2,900.00	\$50.00	\$1,000.00
20	Sanitary Manhole Cover, Adj	1 Ea	\$650.00	\$650.00	\$649.00	\$649.00	\$700.00	\$700.00	\$750.00	\$750.00
21	Dr Structure, 24 inch dia	1 Ea	\$1,200.00	\$1,200.00	\$2,900.00	\$2,900.00	\$3,300.00	\$3,300.00	\$750.00	\$750.00
22	Dr Structure, Tap, 12 inch	1 Ea	\$450.00	\$450.00	\$435.00	\$435.00	\$400.00	\$400.00	\$1,500.00	\$1,500.00
23	HMA, Hand Patching	3 Ton	\$300.00	\$900.00	\$550.00	\$1,650.00	\$450.00	\$1,350.00	\$400.00	\$1,200.00
24	HMA, Driveway, 13A, 3 inch	24 Ton	\$200.00	\$4,800.00	\$275.00	\$6,600.00	\$400.00	\$9,600.00	\$250.00	\$6,000.00
25	Curb and Gutter, Conc, Det F4	22 Ft	\$26.00	\$572.00	\$33.00	\$726.00	\$38.00	\$836.00	\$32.00	\$704.00
26	Sidewalk, Conc, 4 inch	1254 Sft	\$5.00	\$6,270.00	\$5.00	\$6,270.00	\$7.00	\$8,778.00	\$5.00	\$6,270.00
27	Sidewalk, Conc, 6 inch	192 Sft	\$6.00	\$1,152.00	\$6.00	\$1,152.00	\$7.50	\$1,440.00	\$6.00	\$1,152.00
28	Traffic Maintenance and Control	1 LSUM	\$7,000.00	\$7,000.00	\$2,500.00	\$2,500.00	\$1,800.00	\$1,800.00	\$7,500.00	\$7,500.00
29	Irrigation Repairs	1 LSUM	\$800.00	\$800.00	\$0.01	\$0.01	\$300.00	\$300.00	\$150.00	\$150.00
30	Restoration	1 LSUM	\$1,275.00	\$1,275.00	\$2,640.00	\$2,640.00	\$1,300.00	\$1,300.00	\$1,500.00	\$1,500.00
31	Crew Days	\$ 700 Cday	11.00	\$7,700.00	15.00	\$10,500.00	8.00	\$5,600.00	7.00	\$4,900.00
32	Contingency Allowance	1 LSUM	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
33	Permit Allowance	1 LSUM	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00
SUBTOTAL Division 1:				<b>\$71,641.00</b>	<b>\$84,472.01</b>	<b>\$75,708.00</b>	<b>\$79,224.00</b>			
<b>CATEGORY 2 -Segment 39 Beck</b>										
34	Mobilization, Max	1 LSUM	\$3,500.00	\$3,500.00	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00
35	Tree, Rem, 19 inch to 36 inch	1 Ea	\$2,500.00	\$2,500.00	\$2,750.00	\$2,750.00	\$1,600.00	\$1,600.00	\$2,650.00	\$2,650.00
36	Tree, Rem, 6 inch to 18 inch	1 Ea	\$450.00	\$450.00	\$495.00	\$495.00	\$870.00	\$870.00	\$500.00	\$500.00
37	Curb and Gutter, Rem	53 Ft	\$17.00	\$901.00	\$35.00	\$1,855.00	\$15.00	\$795.00	\$25.00	\$1,325.00
38	Pavt, Rem	14 Syd	\$18.00	\$252.00	\$35.00	\$490.00	\$18.00	\$252.00	\$15.00	\$210.00
39	Sidewalk, Rem	89 Syd	\$15.00	\$1,335.00	\$35.00	\$3,115.00	\$18.00	\$1,602.00	\$15.00	\$1,335.00

Item No.	Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
40	Granular Material, CI II	50 Cyd	\$26.00	\$1,300.00	\$54.00	\$2,700.00	\$33.00	\$1,650.00	\$20.00	\$1,000.00
41	Subgrade Undercutting, Type II	10 Cyd	\$36.00	\$360.00	\$99.00	\$990.00	\$33.00	\$330.00	\$30.00	\$300.00
42	Ditch Grading	286 Ft	\$32.00	\$9,152.00	\$12.00	\$3,432.00	\$17.00	\$4,862.00	\$5.00	\$1,430.00
43	Clearing	267 Syd	\$8.00	\$2,136.00	\$9.00	\$2,403.00	\$20.00	\$5,340.00	\$9.00	\$2,403.00
44	Earthwork	1 LSUM	\$8,000.00	\$8,000.00	\$22,000.00	\$22,000.00	\$3,500.00	\$3,500.00	\$27,000.00	\$27,000.00
45	Erosion Control, Check Dam, Stone	14 Ft	\$1.00	\$14.00	\$58.00	\$812.00	\$25.00	\$350.00	\$25.00	\$350.00
46	Erosion Control, Silt Fence	429 Ft	\$2.50	\$1,072.50 <sup>1</sup>	\$5.00	\$2,145.00	\$4.00	\$1,716.00	\$3.00	\$1,287.00
47	Audio-Video Route Survey	1 LSUM	\$825.00	\$825.00	\$440.00	\$440.00	\$1,000.00	\$1,000.00	\$750.00	\$750.00
48	Aggregate Base, 21AA, 6 inch	46 Syd	\$14.00	\$644.00	\$20.00	\$920.00	\$20.00	\$920.00	\$25.00	\$1,150.00
49	Aggregate Base, 21AA, 4 inch	516 Syd	\$12.00	\$6,192.00	\$13.00	\$6,708.00	\$18.00	\$9,288.00	\$17.00	\$8,772.00
50	Maintenance Aggregate	6 Ton	\$20.00	\$120.00	\$60.00	\$360.00	\$35.00	\$210.00	\$25.00	\$150.00
51	Culvert, HP Storm, 12 inch	40 Ft	\$85.00	\$3,400.00	\$105.00	\$4,200.00	\$145.00	\$5,800.00	\$50.00	\$2,000.00
52	Culv End Sect, 12 inch	3 Ea	\$300.00	\$900.00	\$1,000.00	\$3,000.00	\$1,000.00	\$3,000.00	\$400.00	\$1,200.00
53	Sewer, CI II, 12 inch, Tr Det A	4 Ft	\$150.00	\$600.00	\$246.00	\$984.00	\$145.00	\$580.00	\$50.00	\$200.00
54	Sanitary Manhole Cover, Adj	1 Ea	\$650.00	\$650.00	\$649.00	\$649.00	\$700.00	\$700.00	\$750.00	\$750.00
55	Dr Structure, Adj, Add Depth	4 Ft	\$85.00	\$340.00	\$290.00	\$1,160.00	\$190.00	\$760.00	\$200.00	\$800.00
56	HMA, Driveway, 13A, 3 inch	8 Ton	\$400.00	\$3,200.00	\$275.00	\$2,200.00	\$450.00	\$3,600.00	\$300.00	\$2,400.00
57	Curb and Gutter, Conc, Det F4	286 Ft	\$26.00	\$7,436.00	\$28.00	\$8,008.00	\$38.00	\$10,868.00	\$27.00	\$7,722.00
58	Sidewalk, Conc, 4 inch	3603 Sft	\$5.00	\$18,015.00	\$5.00	\$18,015.00	\$7.00	\$25,221.00	\$5.00	\$18,015.00
59	Sidewalk, Conc, 6 inch	88 Sft	\$6.00	\$528.00	\$6.00	\$528.00	\$7.50	\$660.00	\$6.00	\$528.00
60	Curb Ramp Opening, Conc	12 Ft	\$20.00	\$240.00	\$28.00	\$336.00	\$38.00	\$456.00	\$30.00	\$360.00
61	Traffic Maintenance and Control	1 LSUM	\$7,000.00	\$7,000.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$4,500.00	\$4,500.00
62	Irrigation Repairs	1 LSUM	\$700.00	\$700.00	\$0.01	\$0.01	\$2,000.00	\$2,000.00	\$150.00	\$150.00
63	Restoration	1 LSUM	\$2,050.00	\$2,050.00	\$5,016.00	\$5,016.00	\$2,275.00	\$2,275.00	\$2,500.00	\$2,500.00
64	Crew Days	\$ 700 Cday	13.00	\$9,100.00	20.00	\$14,000.00	8.00	\$5,600.00	12.00	\$8,400.00
65	Contingency Allowance	1 LSUM	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
66	Permit Allowance	1 LSUM	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00
SUBTOTAL Division 2:				<b>\$96,662.50<sup>2</sup></b>	<b>\$120,961.01</b>	<b>\$106,055.00</b>	<b>\$108,887.00</b>			
<b>CATEGORY 3 -Segment 120A - Haggerty (8 Mile to Orchar</b>										
67	Mobilization, Max	1 LSUM	\$4,200.00	\$4,200.00	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00	\$8,500.00	\$8,500.00
68	Curb and Gutter, Rem	73 Ft	\$17.00	\$1,241.00	\$35.00	\$2,555.00	\$15.00	\$1,095.00	\$25.00	\$1,825.00
69	Pavt, Rem	233 Syd	\$18.00	\$4,194.00	\$35.00	\$8,155.00	\$18.00	\$4,194.00	\$15.00	\$3,495.00
70	Sidewalk, Rem	25 Syd	\$15.00	\$375.00	\$35.00	\$875.00	\$18.00	\$450.00	\$15.00	\$375.00
71	Granular Material, CI II	110 Cyd	\$26.00	\$2,860.00	\$54.00	\$5,940.00	\$33.00	\$3,630.00	\$20.00	\$2,200.00
72	Subgrade Undercutting, Type II	29 Cyd	\$36.00	\$1,044.00	\$99.00	\$2,871.00	\$33.00	\$957.00	\$30.00	\$870.00
73	Earthwork	1 LSUM	\$13,500.00	\$13,500.00	\$30,000.00	\$30,000.00	\$4,050.00	\$4,050.00	\$47,000.00	\$47,000.00
74	Erosion Control, Inlet Protection, Fabric Drop	6 Ea	\$150.00	\$900.00	\$110.00	\$660.00	\$150.00	\$900.00	\$100.00	\$600.00
75	Erosion Control, Silt Fence	712 Ft	\$2.50	\$1,780.00	\$4.00	\$2,848.00	\$4.00	\$2,848.00	\$3.00	\$2,136.00
76	Audio-Video Route Survey	1 LSUM	\$1,025.00	\$1,025.00	\$440.00	\$440.00	\$1,100.00	\$1,100.00	\$1,000.00	\$1,000.00
77	Aggregate Base, 21AA, 6 inch	570 Syd	\$14.00	\$7,980.00	\$20.00	\$11,400.00	\$20.00	\$11,400.00	\$25.00	\$14,250.00
78	Aggregate Base, 21AA, 8 inch	9 Syd	\$20.00	\$180.00	\$27.00	\$243.00	\$23.00	\$207.00	\$32.00	\$288.00
79	Aggregate Base, 21AA, 4 inch	321 Syd	\$12.00	\$3,852.00	\$13.00	\$4,173.00	\$18.00	\$5,778.00	\$17.00	\$5,457.00

Item No.	Description	Estimated Quantity	Unit		Unit		Unit		Unit	
			Price	Amount	Price	Amount	Price	Amount	Price	Amount
80	Maintenance Aggregate	17 Ton	\$20.00	\$340.00	\$60.00	\$1,020.00	\$35.00	\$595.00	\$25.00	\$425.00
81	HMA, 5E3, 2 inch, Driveway	321 Syd	\$23.00	\$7,383.00	\$22.00	\$7,062.00	\$70.00	\$22,470.00	\$35.00	\$11,235.00
82	HMA, 4C, 2.5 inch, Driveway	321 Syd	\$25.00	\$8,025.00	\$22.00	\$7,062.00	\$73.00	\$23,433.00	\$42.00	\$13,482.00
83	HMA, 3C, 2.5 inch, Driveway	321 Syd	\$20.00	\$6,420.00	\$22.00	\$7,062.00	\$73.00	\$23,433.00	\$42.00	\$13,482.00
84	HMA, Hand Patching	1 Ton	\$250.00	\$250.00	\$550.00	\$550.00	\$450.00	\$450.00	\$400.00	\$400.00
85	Modular Block Retaining Wall	228 Sft	\$46.00	\$10,488.00	\$60.00	\$13,680.00	\$99.00	\$22,572.00	\$50.00	\$11,400.00
86	Curb and Gutter, Conc, Det F4	35 Ft	\$26.00	\$910.00	\$33.00	\$1,155.00	\$38.00	\$1,330.00	\$32.00	\$1,120.00
87	Detectable Warning Surface	25 Ft	\$38.00	\$950.00	\$39.00	\$975.00	\$170.00	\$4,250.00	\$37.00	\$925.00
88	Sidewalk Ramp, Conc, 6 inch	238 Sft	\$6.00	\$1,428.00	\$6.00	\$1,428.00	\$12.00	\$2,856.00	\$6.00	\$1,428.00
89	Sidewalk, Conc, 4 inch	5029 Sft	\$5.00	\$25,145.00	\$4.75	\$23,887.75	\$7.00	\$35,203.00	\$5.00	\$25,145.00
90	Sidewalk, Conc, 8 inch	264 Sft	\$8.00	\$2,112.00	\$7.00	\$1,848.00	\$10.00	\$2,640.00	\$7.00	\$1,848.00
91	Curb Ramp Opening, Conc	40 Ft	\$20.00	\$800.00	\$33.00	\$1,320.00	\$38.00	\$1,520.00	\$32.00	\$1,280.00
92	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	188 Ft	\$4.00	\$752.00	\$5.00	\$940.00	\$5.00	\$940.00	\$5.00	\$940.00
93	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	23 Ft	\$9.00	\$207.00	\$10.00	\$230.00	\$11.00	\$253.00	\$10.00	\$230.00
94	Traffic Maintenance and Control	1 LSUM	\$7,000.00	\$7,000.00	\$6,000.00	\$6,000.00	\$2,400.00	\$2,400.00	\$7,500.00	\$7,500.00
95	Remove, Salvage and Replace Landscaping	1 LSUM	\$550.00	\$550.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$750.00	\$750.00
96	Pushbutton, Rem	6 Ea	\$178.00	\$1,068.00	\$83.00	\$498.00	\$100.00	\$600.00	\$100.00	\$600.00
97	TS, Pedestrian, Bracket Arm Mtd, Rem	3 Ea	\$354.00	\$1,062.00	\$330.00	\$990.00	\$360.00	\$1,080.00	\$325.00	\$975.00
98	TS, Pedestrian, Pedestal Mtd, Rem	1 Ea	\$354.00	\$354.00	\$165.00	\$165.00	\$180.00	\$180.00	\$160.00	\$160.00
99	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	2 Ea	\$1,246.00	\$2,492.00	\$1,430.00	\$2,860.00	\$1,560.00	\$3,120.00	\$1,500.00	\$3,000.00
100	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	1 Ea	\$1,563.00	\$1,563.00	\$1,925.00	\$1,925.00	\$2,100.00	\$2,100.00	\$2,000.00	\$2,000.00
101	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	1 Ea	\$1,668.00	\$1,668.00	\$2,063.00	\$2,063.00	\$2,200.00	\$2,200.00	\$2,100.00	\$2,100.00
102	TS Face, Bag	5 Ea	\$75.00	\$375.00	\$440.00	\$2,200.00	\$450.00	\$2,250.00	\$450.00	\$2,250.00
103	TS Face, Bag, Rem	5 Ea	\$75.00	\$375.00	\$330.00	\$1,650.00	\$360.00	\$1,800.00	\$325.00	\$1,625.00
104	Gate Well Cover, Adjust	1 Ea	\$425.00	\$425.00	\$649.00	\$649.00	\$700.00	\$700.00	\$750.00	\$750.00
105	Irrigation Repairs	1 LSUM	\$900.00	\$900.00	\$3,500.00	\$3,500.00	\$3,900.00	\$3,900.00	\$1,000.00	\$1,000.00
106	Restoration	1 LSUM	\$4,500.00	\$4,500.00	\$7,900.00	\$7,900.00	\$2,630.00	\$2,630.00	\$4,500.00	\$4,500.00
107	Crew Days	\$ 700 Cday	16.00	\$11,200.00	30.00	\$21,000.00	17.00	\$11,900.00	25.00	\$17,500.00
108	Contingency Allowance	1 LSUM	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00
109	Permit Allowance	1 LSUM	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00
SUBTOTAL Division 3:				<b>\$152,705.00</b> <sup>2</sup>		<b>\$214,111.75</b>		<b>\$235,746.00</b> <sup>2</sup>		<b>\$226,878.00</b>

**CATEGORY 4 -Segment 120B - Haggerty (Orchard Hill to I**

110	Mobilization, Max	1 LSUM	\$6,600.00	\$6,600.00	\$10,000.00	\$10,000.00	\$9,500.00	\$9,500.00	\$10,000.00	\$10,000.00
111	Tree, Rem, 6 inch to 18 inch	1 Ea	\$600.00	\$600.00	\$660.00	\$660.00	\$870.00	\$870.00	\$650.00	\$650.00
112	Curb and Gutter, Rem	64 Ft	\$17.00	\$1,088.00	\$35.00	\$2,240.00	\$15.00	\$960.00	\$25.00	\$1,600.00
113	Sidewalk, Rem	28 Syd	\$15.00	\$420.00	\$35.00	\$980.00	\$18.00	\$504.00	\$15.00	\$420.00
114	Granular Material, CI II	60 Cyd	\$26.00	\$1,560.00	\$54.00	\$3,240.00	\$33.00	\$1,980.00	\$20.00	\$1,200.00
115	Subgrade Undercutting, Type II	29 Cyd	\$36.00	\$1,044.00	\$99.00	\$2,871.00	\$33.00	\$957.00	\$30.00	\$870.00
116	Earthwork	1 LSUM	\$13,500.00	\$13,500.00	\$19,000.00	\$19,000.00	\$4,000.00	\$4,000.00	\$36,000.00	\$36,000.00
117	Erosion Control, Inlet Protection, Fabric Drop	3 Ea	\$150.00	\$450.00	\$110.00	\$330.00	\$150.00	\$450.00	\$100.00	\$300.00
118	Erosion Control, Silt Fence	208 Ft	\$2.50	\$520.00	\$5.00	\$1,040.00	\$4.00	\$832.00	\$3.00	\$624.00
119	Audio-Video Route Survey	1 LSUM	\$1,025.00	\$1,025.00	\$440.00	\$440.00	\$1,100.00	\$1,100.00	\$800.00	\$800.00

Item No.	Description	Estimated Quantity	Unit		Unit		Unit		Unit	
			Price	Amount	Price	Amount	Price	Amount	Price	Amount
120	Aggregate Base, 21AA, 6 inch	7 Syd	\$14.00	\$98.00	\$20.00	\$140.00	\$20.00	\$140.00	\$25.00	\$175.00
121	Aggregate Base, 21AA, 4 inch	643 Syd	\$12.00	\$7,716.00	\$13.00	\$8,359.00	\$18.00	\$11,574.00	\$17.00	\$10,931.00
122	Maintenance Aggregate	17 Ton	\$20.00	\$340.00	\$60.00	\$1,020.00	\$35.00	\$595.00	\$25.00	\$425.00
123	Dr Structure Cover, Adj, Case 2	1 Ea	\$400.00	\$400.00	\$649.00	\$649.00	\$700.00	\$700.00	\$500.00	\$500.00
124	Utility Structure Cover, Adj	1 Ea	\$400.00	\$400.00	\$649.00	\$649.00	\$700.00	\$700.00	\$750.00	\$750.00
125	HMA, Hand Patching	3 Ton	\$350.00	\$1,050.00	\$550.00	\$1,650.00	\$450.00	\$1,350.00	\$400.00	\$1,200.00
126	Modular Block Retaining Wall	936 Sft	\$46.00	\$43,056.00	\$54.00	\$50,544.00	\$99.00	\$92,664.00	\$50.00	\$46,800.00
127	Curb and Gutter, Conc, Det F4	6 Ft	\$26.00	\$156.00	\$33.00	\$198.00	\$38.00	\$228.00	\$35.00	\$210.00
128	Detectable Warning Surface	39 Ft	\$38.00	\$1,482.00	\$39.00	\$1,521.00	\$170.00	\$6,630.00	\$37.00	\$1,443.00
129	Sidewalk Ramp, Conc, 6 inch	234 Sft	\$6.00	\$1,404.00	\$6.00	\$1,404.00	\$12.00	\$2,808.00	\$6.00	\$1,404.00
130	Sidewalk, Conc, 4 inch	5547 Sft	\$5.00	\$27,735.00	\$4.75	\$26,348.25	\$7.00	\$38,829.00	\$5.00	\$27,735.00
131	Curb Ramp Opening, Conc	56 Ft	\$20.00	\$1,120.00	\$33.00	\$1,848.00	\$38.00	\$2,128.00	\$32.00	\$1,792.00
132	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	217 Ft	\$4.00	\$868.00	\$5.00	\$1,085.00	\$5.00	\$1,085.00	\$5.00	\$1,085.00
133	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	22 Ft	\$9.00	\$198.00	\$10.00	\$220.00	\$11.00	\$242.00	\$10.00	\$220.00
134	Traffic Maintenance and Control	1 LSUM	\$7,000.00	\$7,000.00	\$6,500.00	\$6,500.00	\$2,600.00	\$2,600.00	\$5,000.00	\$5,000.00
136	Planting Mix, 12" depth	13 Cyd	\$80.00	\$1,040.00	\$77.00	\$1,001.00	\$200.00	\$2,600.00	\$100.00	\$1,300.00
135	Double Shredded Hardwood Bark Mulch, 3" depth	4 Cyd	\$75.00	\$300.00	\$72.00	\$288.00	\$250.00	\$1,000.00	\$100.00	\$400.00
137	Hypericum prolificum, #1 cont.	31 Ea	\$45.00	\$1,395.00	\$44.00	\$1,364.00	\$75.00	\$2,325.00	\$35.00	\$1,085.00
138	Rosa x 'NOA97400A', #3 cont.	20 Ea	\$45.00	\$900.00	\$110.00	\$2,200.00	\$75.00	\$1,500.00	\$35.00	\$700.00
139	Schizachyrium scoparium 'The Blues', #3 cont.	36 Ea	\$45.00	\$1,620.00	\$110.00	\$3,960.00	\$95.00	\$3,420.00	\$25.00	\$900.00
140	Remove, Salvage and Replace Landscaping	1 LSUM	\$3,500.00	\$3,500.00	\$0.01	\$0.01	\$3,500.00	\$3,500.00	\$500.00	\$500.00
141	Watering & Cultivation, 1st Season, Modified	1 LSUM	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$9,000.00	\$9,000.00
142	Watering & Cultivation, 2nd Season, Modified	1 LSUM	\$15,000.00	\$15,000.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$8,000.00	\$8,000.00
143	Conduit, DB, 1, 1 1/4 inch	75 Ft	\$18.00	\$1,350.00	\$28.00	\$2,100.00	\$30.00	\$2,250.00	\$27.00	\$2,025.00
144	Pushbutton and Sign	4 Ea	\$448.00	\$1,792.00	\$990.00	\$3,960.00	\$1,080.00	\$4,320.00	\$1,000.00	\$4,000.00
145	Pushbutton, Rem	6 Ea	\$178.00	\$1,068.00	\$165.00	\$990.00	\$200.00	\$1,200.00	\$175.00	\$1,050.00
146	TS, Pedestrian, Bracket Arm Mtd, Rem	1 Ea	\$354.00	\$354.00	\$330.00	\$330.00	\$400.00	\$400.00	\$350.00	\$350.00
147	TS, Pedestrian, Pedestal Mtd, Rem	2 Ea	\$354.00	\$708.00	\$330.00	\$660.00	\$400.00	\$800.00	\$350.00	\$700.00
148	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	1 LSUM	\$1,246.00	\$1,246.00	\$1,540.00	\$1,540.00	\$1,600.00	\$1,600.00	\$1,500.00	\$1,500.00
149	TS Face, Bag	5 Ea	\$75.00	\$375.00	\$440.00	\$2,200.00	\$450.00	\$2,250.00	\$450.00	\$2,250.00
150	TS Face, Bag, Rem	5 Ea	\$75.00	\$375.00	\$330.00	\$1,650.00	\$360.00	\$1,800.00	\$325.00	\$1,625.00
151	Pushbutton Support Post, RCOC	4 Ea	\$1,165.00	\$4,660.00	\$385.00	\$1,540.00	\$500.00	\$2,000.00	\$400.00	\$1,600.00
152	Irrigation Repairs	1 LSUM	\$1,100.00	\$1,100.00	\$2,750.00	\$2,750.00	\$3,500.00	\$3,500.00	\$1,000.00	\$1,000.00
153	Restoration	1 LSUM	\$2,525.00	\$2,525.00	\$5,700.00	\$5,700.00	\$2,600.00	\$2,600.00	\$4,500.00	\$4,500.00
154	Crew Days	\$ 700 Cday	18.00	\$12,600.00	35.00	\$24,500.00	18.00	\$12,600.00	23.00	\$16,100.00
155	Contingency Allowance	1 LSUM	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00
156	Permit Allowance	1 LSUM	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00
SUBTOTAL Division 4:				<b>\$192,570.00</b> <sup>2</sup>		<b>\$215,501.26</b>		<b>\$248,923.00</b>		<b>\$221,551.00</b>
<b>CATEGORY 5 -Segment 120C - Haggerty (High Pointe to 9</b>										
157	Mobilization, Max	1 LSUM	\$4,200.00	\$4,200.00	\$6,500.00	\$6,500.00	\$4,000.00	\$4,000.00	\$7,000.00	\$7,000.00
158	Tree, Rem, 19 inch to 36 inch	4 Ea	\$1,075.00	\$4,300.00	\$1,183.00	\$4,732.00	\$1,600.00	\$6,400.00	\$1,200.00	\$4,800.00
159	Curb and Gutter, Rem	16 Ft	\$17.00	\$272.00	\$35.00	\$560.00	\$15.00	\$240.00	\$40.00	\$640.00

Item No.	Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
160	Pavt, Rem	179 Syd	\$18.00	\$3,222.00	\$35.00	\$6,265.00	\$18.00	\$3,222.00	\$15.00	\$2,685.00
161	Sidewalk, Rem	72 Syd	\$15.00	\$1,080.00	\$35.00	\$2,520.00	\$18.00	\$1,296.00	\$15.00	\$1,080.00
162	Granular Material, CI II	70 Cyd	\$26.00	\$1,820.00	\$54.00	\$3,780.00	\$33.00	\$2,310.00	\$20.00	\$1,400.00
163	Subgrade Undercutting, Type II	29 Cyd	\$36.00	\$1,044.00	\$99.00	\$2,871.00	\$33.00	\$957.00	\$30.00	\$870.00
164	Ditch Grading	281 Ft	\$32.00	\$8,992.00	\$11.00	\$3,091.00	\$17.00	\$4,777.00	\$5.00	\$1,405.00
165	Clearing	1148 Syd	\$18.30	\$21,008.40	\$20.00	\$22,960.00	\$15.00	\$17,220.00	\$19.00	\$21,812.00
166	Earthwork	1 LSUM	\$6,000.00	\$6,000.00	\$12,000.00	\$12,000.00	\$1,450.00	\$1,450.00	\$42,000.00	\$42,000.00
167	Erosion Control, Inlet Protection, Fabric Drop	1 Ea	\$150.00	\$150.00	\$110.00	\$110.00	\$150.00	\$150.00	\$100.00	\$100.00
168	Audio-Video Route Survey	1 LSUM	\$1,025.00	\$1,025.00	\$440.00	\$440.00	\$1,100.00	\$1,100.00	\$800.00	\$800.00
169	Aggregate Base, 21AA, 6 inch	79 Syd	\$14.00	\$1,106.00	\$20.00	\$1,580.00	\$20.00	\$1,580.00	\$25.00	\$1,975.00
170	Aggregate Base, 21AA, 4 inch	203 Syd	\$12.00	\$2,436.00	\$13.00	\$2,639.00	\$18.00	\$3,654.00	\$17.00	\$3,451.00
171	Aggregate Base, 21AA, 8 inch	89 Syd	\$20.00	\$1,780.00	\$27.00	\$2,403.00	\$23.00	\$2,047.00	\$32.00	\$2,848.00
172	Maintenance Aggregate	17 Ton	\$20.00	\$340.00	\$60.00	\$1,020.00	\$35.00	\$595.00	\$25.00	\$425.00
173	Dr Structure Cover	1 Ea	\$550.00	\$550.00	\$825.00	\$825.00	\$850.00	\$850.00	\$750.00	\$750.00
174	HMA, 5E3, 2 inch, Driveway	89 Syd	\$35.00	\$3,115.00	\$22.00	\$1,958.00	\$70.00	\$6,230.00	\$40.00	\$3,560.00
175	HMA, 4C, 2.5 inch, Driveway	89 Syd	\$35.00	\$3,115.00	\$22.00	\$1,958.00	\$73.00	\$6,497.00	\$47.00	\$4,183.00
176	HMA, 3C, 2.5 inch, Driveway	89 Syd	\$35.00	\$3,115.00	\$22.00	\$1,958.00	\$73.00	\$6,497.00	\$47.00	\$4,183.00
177	HMA, Driveway, 13A, 3 inch	30 Ton	\$175.00	\$5,250.00	\$165.00	\$4,950.00	\$400.00	\$12,000.00	\$250.00	\$7,500.00
178	Detectable Warning Surface	10 Ft	\$38.00	\$380.00	\$55.00	\$550.00	\$170.00	\$1,700.00	\$55.00	\$550.00
179	Sidewalk Ramp, Conc, 6 inch	160 Sft	\$6.00	\$960.00	\$7.00	\$1,120.00	\$12.00	\$1,920.00	\$7.00	\$1,120.00
180	Sidewalk, Conc, 4 inch	1542 Sft	\$5.00	\$7,710.00	\$5.50	\$8,481.00	\$7.00	\$10,794.00	\$6.00	\$9,252.00
181	Sidewalk, Conc, 6 inch	117 Sft	\$6.00	\$702.00	\$7.00	\$819.00	\$8.50	\$994.50	\$7.00	\$819.00
182	Curb Ramp Opening, Conc	16 Ft	\$20.00	\$320.00	\$44.00	\$704.00	\$38.00	\$608.00	\$45.00	\$720.00
183	Traffic Maintenance and Control	1 LSUM	\$6,500.00	\$6,500.00	\$2,600.00	\$2,600.00	\$1,800.00	\$1,800.00	\$7,500.00	\$7,500.00
184	Remove, Salvage and Replace Landscaping	1 LSUM	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00	\$3,500.00	\$3,500.00	\$10,000.00	\$10,000.00
185	Irrigation Repairs	1 LSUM	\$750.00	\$750.00	\$2,750.00	\$2,750.00	\$2,000.00	\$2,000.00	\$750.00	\$750.00
186	Restoration	1 LSUM	\$3,100.00	\$3,100.00	\$3,300.00	\$3,300.00	\$1,300.00	\$1,300.00	\$4,500.00	\$4,500.00
187	Crew Days	\$ 700 Cday	14.00	\$9,800.00	20.00	\$14,000.00	18.00	\$12,600.00	12.00	\$8,400.00
188	Contingency Allowance	1 LSUM	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00
189	Permit Allowance	1 LSUM	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00
SUBTOTAL Division 5:					<b>\$119,474.40</b>	<sup>2</sup>	<b>\$134,776.00</b>	<b>\$131,120.50</b>	<b>\$167,910.00</b>	

**CATEGORY 6 -Grand River ADA Improvements**

190	Mobilization, Max	1 LSUM	\$4,000.00	\$4,000.00	\$7,500.00	\$7,500.00	\$6,000.00	\$6,000.00	\$7,500.00	\$7,500.00
191	Curb and Gutter, Rem	181 Ft	\$17.00	\$3,077.00	\$34.00	\$6,154.00	\$15.00	\$2,715.00	\$25.00	\$4,525.00
192	Sidewalk, Rem	264 Syd	\$15.00	\$3,960.00	\$34.00	\$8,976.00	\$18.00	\$4,752.00	\$15.00	\$3,960.00
193	Granular Material, CI II	40 Cyd	\$26.00	\$1,040.00	\$54.00	\$2,160.00	\$33.00	\$1,320.00	\$20.00	\$800.00
194	Subgrade Undercutting, Type II	19 Cyd	\$36.00	\$684.00	\$99.00	\$1,881.00	\$33.00	\$627.00	\$30.00	\$570.00
195	Earthwork	1 LSUM	\$3,500.00	\$3,500.00	\$14,000.00	\$14,000.00	\$2,850.00	\$2,850.00	\$24,000.00	\$24,000.00
196	Erosion Control, Inlet Protection, Fabric Drop	2 Ea	\$150.00	\$300.00	\$110.00	\$220.00	\$150.00	\$300.00	\$100.00	\$200.00
197	Audio-Video Route Survey	1 LSUM	\$1,025.00	\$1,025.00	\$440.00	\$440.00	\$1,100.00	\$1,100.00	\$800.00	\$800.00
198	Aggregate Base, 21AA, 6 inch	20 Syd	\$14.00	\$280.00	\$20.00	\$400.00	\$20.00	\$400.00	\$25.00	\$500.00
199	Aggregate Base, 21AA, 4 inch	290 Syd	\$12.00	\$3,480.00	\$13.00	\$3,770.00	\$18.00	\$5,220.00	\$17.00	\$4,930.00

Item No.	Description	Estimated Quantity	Unit		Unit		Unit		Unit	
			Price	Amount	Price	Amount	Price	Amount	Price	Amount
200	Maintenance Aggregate	2 Ton	\$20.00	\$40.00	\$60.00	\$120.00	\$35.00	\$70.00	\$25.00	\$50.00
201	Utility Structure Cover, Adj	5 Ea	\$400.00	\$2,000.00	\$649.00	\$3,245.00	\$700.00	\$3,500.00	\$750.00	\$3,750.00
202	Curb and Gutter, Conc, Det F3	30 Ft	\$26.00	\$780.00	\$28.00	\$840.00	\$38.00	\$1,140.00	\$27.00	\$810.00
203	Detectable Warning Surface	97 Ft	\$38.00	\$3,686.00	\$44.00	\$4,268.00	\$170.00	\$16,490.00	\$42.00	\$4,074.00
204	Sidewalk Ramp, Conc, 6 inch	1266 Sft	\$6.00	\$7,596.00	\$6.60	\$8,355.60	\$12.00	\$15,192.00	\$7.00	\$8,862.00
205	Sidewalk, Conc, 4 inch	1077 Sft	\$5.00	\$5,385.00	\$5.75	\$6,192.75	\$7.00	\$7,539.00	\$6.00	\$6,462.00
206	Curb Ramp Opening, Conc	289 Ft	\$20.00	\$5,780.00	\$28.00	\$8,092.00	\$38.00	\$10,982.00	\$27.00	\$7,803.00
207	Sign, Type II, Temp	1 Ea	\$200.00	\$200.00	\$330.00	\$330.00	\$5,000.00	\$5,000.00	\$250.00	\$250.00
208	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	904 Ft	\$2.50	\$2,260.00	\$2.75	\$2,486.00	\$4.00	\$3,616.00	\$3.00	\$2,712.00
209	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	290 Ft	\$7.00	\$2,030.00	\$8.00	\$2,320.00	\$9.00	\$2,610.00	\$7.50	\$2,175.00
210	Rem Spec Mrkg	877 Sft	\$3.00	\$2,631.00	\$4.00	\$3,508.00	\$4.00	\$3,508.00	\$3.00	\$2,631.00
211	Traffic Maintenance and Control	1 LSUM	\$6,500.00	\$6,500.00	\$7,400.00	\$7,400.00	\$2,800.00	\$2,800.00	\$7,500.00	\$7,500.00
212	Conduit, DB, 1, 1 1/4 inch	135 Ft	\$18.00	\$2,430.00	\$22.00	\$2,970.00	\$30.00	\$4,050.00	\$22.00	\$2,970.00
213	Conduit, DB, 1, 3 inch	20 Ft	\$25.00	\$500.00	\$28.00	\$560.00	\$35.00	\$700.00	\$27.00	\$540.00
214	Hh, Adj	1 Ea	\$875.00	\$875.00	\$358.00	\$358.00	\$400.00	\$400.00	\$350.00	\$350.00
215	Pedestal, Alum	1 Ea	\$922.00	\$922.00	\$1,073.00	\$1,073.00	\$1,200.00	\$1,200.00	\$1,100.00	\$1,100.00
216	Pedestal, Fdn	1 Ea	\$1,211.00	\$1,211.00	\$1,183.00	\$1,183.00	\$1,300.00	\$1,300.00	\$1,200.00	\$1,200.00
217	Pedestal Fdn, Rem	1 Ea	\$647.00	\$647.00	\$193.00	\$193.00	\$250.00	\$250.00	\$200.00	\$200.00
218	Pushbutton and Sign	10 Ea	\$448.00	\$4,480.00	\$990.00	\$9,900.00	\$1,100.00	\$11,000.00	\$1,000.00	\$10,000.00
219	Pushbutton, Rem	12 Ea	\$178.00	\$2,136.00	\$88.00	\$1,056.00	\$120.00	\$1,440.00	\$100.00	\$1,200.00
220	Pushbutton Pedestal, Rem	1 Ea	\$354.00	\$354.00	\$165.00	\$165.00	\$180.00	\$180.00	\$175.00	\$175.00
221	TS, Pedestrian, Bracket Arm Mtd, Rem	7 Ea	\$354.00	\$2,478.00	\$165.00	\$1,155.00	\$180.00	\$1,260.00	\$175.00	\$1,225.00
222	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	3 Ea	\$1,246.00	\$3,738.00 <sup>1</sup>	\$1,540.00	\$4,620.00	\$1,750.00	\$5,250.00	\$1,550.00	\$4,650.00
223	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	4 Ea	\$1,563.00	\$6,252.00	\$1,925.00	\$7,700.00	\$2,000.00	\$8,000.00	\$1,900.00	\$7,600.00
224	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	1 Ea	\$1,288.00	\$1,288.00	\$1,595.00	\$1,595.00	\$1,650.00	\$1,650.00	\$1,550.00	\$1,550.00
225	TS Face, Bag	10 Ea	\$75.00	\$750.00	\$358.00	\$3,580.00	\$400.00	\$4,000.00	\$350.00	\$3,500.00
226	TS Face, Bag, Rem	10 Ea	\$75.00	\$750.00	\$154.00	\$1,540.00	\$360.00	\$3,600.00	\$160.00	\$1,600.00
227	Pushbutton Support Post, RCOC	7 Ea	\$1,165.00	\$8,155.00	\$385.00	\$2,695.00	\$500.00	\$3,500.00	\$400.00	\$2,800.00
228	Irrigation Repairs	1 LSUM	\$600.00	\$600.00	\$800.00	\$800.00	\$2,800.00	\$2,800.00	\$500.00	\$500.00
229	Restoration	1 LSUM	\$700.00	\$700.00	\$4,400.00	\$4,400.00	\$1,850.00	\$1,850.00	\$1,500.00	\$1,500.00
230	Crew Days	\$ 700 Cday	22.00	\$15,400.00	24.00	\$16,800.00	15.00	\$10,500.00	20.00	\$14,000.00
231	Contingency Allowance	1 LSUM	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
232	Permit Allowance	1 LSUM	\$1,250.00	\$1,250.00	\$1,250.00	\$1,250.00	\$1,250.00	\$1,250.00	\$1,250.00	\$1,250.00
SUBTOTAL Division 6:				<b>\$120,150.00</b> <sup>2</sup>		<b>\$161,251.35</b>		<b>\$166,911.00</b>		<b>\$157,774.00</b>
<b>CATEGORY 7 -11 Mile at Clark</b>										
233	Mobilization, Max	1 LSUM	\$2,800.00	\$2,800.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00
234	Tree, Rem, 6 inch to 18 inch	1 Ea	\$600.00	\$600.00	\$660.00	\$660.00	\$870.00	\$870.00	\$650.00	\$650.00
235	Curb and Gutter, Rem	8 Ft	\$17.00	\$136.00	\$35.00	\$280.00	\$15.00	\$120.00	\$40.00	\$320.00
236	Pavt, Rem	82 Syd	\$18.00	\$1,476.00	\$35.00	\$2,870.00	\$18.00	\$1,476.00	\$15.00	\$1,230.00
237	Granular Material, CI II	30 Cyd	\$26.00	\$780.00	\$54.00	\$1,620.00	\$33.00	\$990.00	\$20.00	\$600.00
238	Subgrade Undercutting, Type II	7 Cyd	\$36.00	\$252.00	\$99.00	\$693.00	\$33.00	\$231.00	\$30.00	\$210.00
239	Ditch Grading	30 Ft	\$32.00	\$960.00	\$12.00	\$360.00	\$17.00	\$510.00	\$10.00	\$300.00

Item No.	Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
240	Earthwork	1 LSUM	\$5,500.00	\$5,500.00	\$11,000.00	\$11,000.00	\$950.00	\$950.00	\$19,000.00	\$19,000.00
241	Erosion Control, Inlet Protection, Fabric Drop	1 Ea	\$150.00	\$150.00	\$110.00	\$110.00	\$150.00	\$150.00	\$100.00	\$100.00
242	Audio-Video Route Survey	1 LSUM	\$725.00	\$725.00	\$440.00	\$440.00	\$800.00	\$800.00	\$750.00	\$750.00
243	Aggregate Base, 21AA, 4 inch	138 Syd	\$12.00	\$1,656.00	\$13.00	\$1,794.00	\$18.00	\$2,484.00	\$17.00	\$2,346.00
244	Aggregate Base, 21AA, 6 inch	83 Syd	\$14.00	\$1,162.00	\$20.00	\$1,660.00	\$20.00	\$1,660.00	\$25.00	\$2,075.00
245	HMA, Driveway, 13A, 3 inch	82 Syd	\$75.00	\$6,150.00	\$22.00	\$1,804.00	\$75.00	\$6,150.00	\$45.00	\$3,690.00
246	HMA, Hand Patching	1 Ton	\$300.00	\$150.00	\$550.00	\$275.00	\$450.00	\$225.00	\$800.00	\$400.00
247	Detectable Warning Surface	5 Ft	\$38.00	\$190.00	\$55.00	\$275.00	\$170.00	\$850.00	\$55.00	\$275.00
248	Sidewalk Ramp, Conc, 6 inch	42 Sft	\$6.00	\$252.00	\$8.00	\$336.00	\$12.00	\$504.00	\$8.00	\$336.00
249	Sidewalk, Conc, 4 inch	1111 Sft	\$5.00	\$5,555.00	\$5.75	\$6,388.25	\$7.00	\$7,777.00	\$6.00	\$6,666.00
250	Sidewalk, Conc, 6 inch	85 Sft	\$6.00	\$510.00	\$7.00	\$595.00	\$8.50	\$722.50	\$7.00	\$595.00
251	Curb Ramp Opening, Conc	8 Ft	\$20.00	\$160.00	\$55.00	\$440.00	\$38.00	\$304.00	\$55.00	\$440.00
252	Traffic Maintenance and Control	1 LSUM	\$6,500.00	\$6,500.00	\$1,210.00	\$1,210.00	\$1,800.00	\$1,800.00	\$3,000.00	\$3,000.00
253	Irrigation Repairs	1 LSUM	\$500.00	\$500.00	\$1,100.00	\$1,100.00	\$600.00	\$600.00	\$250.00	\$250.00
254	Restoration	1 LSUM	\$1,075.00	\$1,075.00	\$2,200.00	\$2,200.00	\$900.00	\$900.00	\$2,000.00	\$2,000.00
255	Crew Days	\$ 700 Cday	14.00	\$9,800.00 <sup>1</sup>	8.00	\$5,600.00	8.00	\$5,600.00	5.00	\$3,500.00
256	Contingency Allowance	1 LSUM	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
257	Permit Allowance	1 LSUM	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
SUBTOTAL Division 7:					<b>\$49,539.00<sup>2</sup></b>		<b>\$46,210.25</b>		<b>\$39,673.50</b>	<b>\$53,733.00</b>
<b>CATEGORY 8 -Willowbrook</b>										
258	Mobilization, Max	1 LSUM	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00
259	Culv, End, Rem, Less than 24 inch	1 Ea	\$150.00	\$150.00	\$143.00	\$143.00	\$420.00	\$420.00	\$250.00	\$250.00
260	Curb and Gutter, Rem	14 Ft	\$17.00	\$238.00	\$35.00	\$490.00	\$15.00	\$210.00	\$50.00	\$700.00
261	Rock, Relocate	11 Ea	\$50.00	\$550.00	\$55.00	\$605.00	\$150.00	\$1,650.00	\$25.00	\$275.00
262	Sign, Relocate	2 Ea	\$400.00	\$800.00	\$167.00	\$334.00	\$380.00	\$760.00	\$150.00	\$300.00
263	Subgrade Undercutting, Type II	4 Cyd	\$36.00	\$144.00	\$99.00	\$396.00	\$33.00	\$132.00	\$30.00	\$120.00
264	Ditch Grading	100 Ft	\$32.00	\$3,200.00	\$12.00	\$1,200.00	\$17.00	\$1,700.00	\$5.00	\$500.00
265	Clearing	28 Syd	\$30.00	\$840.00	\$33.00	\$924.00	\$33.00	\$924.00	\$35.00	\$980.00
266	Earthwork	1 LSUM	\$5,000.00	\$5,000.00	\$11,000.00	\$11,000.00	\$1,200.00	\$1,200.00	\$25,500.00	\$25,500.00
267	Erosion Control, Inlet Protection, Fabric Drop	1 Ea	\$150.00	\$150.00	\$110.00	\$110.00	\$150.00	\$150.00	\$100.00	\$100.00
268	Audio-Video Route Survey	1 LSUM	\$700.00	\$700.00	\$440.00	\$440.00	\$750.00	\$750.00	\$750.00	\$750.00
269	Aggregate Base, 21AA, 4 inch	210 Syd	\$12.00	\$2,520.00	\$13.00	\$2,730.00	\$18.00	\$3,780.00	\$17.00	\$3,570.00
270	Aggregate Base, 21AA, 6 inch	21 Syd	\$14.00	\$294.00	\$20.00	\$420.00	\$20.00	\$420.00	\$25.00	\$525.00
271	HP Storm Drain Pipe, 12 inch	150 Ft	\$100.00	\$15,000.00	\$100.00	\$15,000.00	\$125.00	\$18,750.00	\$40.00	\$6,000.00
272	Dr Structure, 24 inch dia	1 Ea	\$1,200.00	\$1,200.00	\$2,887.00	\$2,887.00	\$3,300.00	\$3,300.00	\$1,500.00	\$1,500.00
273	Dr Structure, Tap, 12 inch	1 Ea	\$500.00	\$500.00	\$435.00	\$435.00	\$400.00	\$400.00	\$500.00	\$500.00
274	HMA, Hand Patching	2 Ton	\$350.00	\$700.00	\$550.00	\$1,100.00	\$400.00	\$800.00	\$400.00	\$800.00
275	Detectable Warning Surface	20 Ft	\$38.00	\$760.00	\$50.00	\$1,000.00	\$170.00	\$3,400.00	\$50.00	\$1,000.00
276	Sidewalk Ramp, Conc, 6 inch	160 Sft	\$6.00	\$960.00	\$8.00	\$1,280.00	\$12.00	\$1,920.00	\$8.00	\$1,280.00
277	Sidewalk, Conc, 4 inch	1386 Sft	\$5.00	\$6,930.00	\$5.75	\$7,969.50	\$7.00	\$9,702.00	\$6.00	\$8,316.00
278	Curb Ramp Opening, Conc	28 Ft	\$20.00	\$560.00	\$44.00	\$1,232.00	\$38.00	\$1,064.00	\$42.00	\$1,176.00
279	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	225 Ft	\$8.50	\$1,912.50	\$10.00	\$2,250.00	\$10.00	\$2,250.00	\$9.00	\$2,025.00

Phone: 248-640-2147

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Phone: 989-761-0131

Item No.	Description	Estimated Quantity	Unit		Unit		Unit		Unit		
			Price	Amount	Price	Amount	Price	Amount	Price	Amount	
280	Traffic Maintenance and Control	1	LSUM	\$6,500.00	\$6,500.00	\$1,320.00	\$1,320.00	\$1,800.00	\$1,800.00	\$4,500.00	\$4,500.00
281	Irrigation Repairs	1	LSUM	\$500.00	\$500.00	\$1,100.00	\$1,100.00	\$1,100.00	\$1,100.00	\$500.00	\$500.00
282	Restoration	1	LSUM	\$1,750.00	\$1,750.00	\$2,600.00	\$2,600.00	\$780.00	\$780.00	\$2,000.00	\$2,000.00
283	Crew Days	\$ 700	Cday	13.00	\$9,100.00	10.00	\$7,000.00	8.00	\$5,600.00	6.00	\$4,200.00
284	Contingency Allowance	1	LSUM	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
285	Permit Allowance	1	LSUM	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00
SUBTOTAL Division 8:					<b>\$64,708.50</b>		<b>\$68,215.50</b>		<b>\$66,712.00</b>		<b>\$71,617.00</b> <sup>2</sup>
<b>CATEGORY 9 -Grand River E of Olde Orchard</b>											
286	Mobilization, Max	1	LSUM	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$1,200.00	\$1,200.00	\$2,500.00	\$2,500.00
287	Mailbox, Relocate	2	Ea	\$500.00	\$1,000.00	\$57.00	\$114.00	\$300.00	\$600.00	\$100.00	\$200.00
288	Rock, Relocate	2	Ea	\$100.00	\$200.00	\$55.00	\$110.00	\$200.00	\$400.00	\$50.00	\$100.00
289	Subgrade Undercutting, Type II	4	Cyd	\$30.00	\$120.00	\$99.00	\$396.00	\$33.00	\$132.00	\$30.00	\$120.00
290	Earthwork	1	LSUM	\$9,000.00	\$9,000.00	\$10,000.00	\$10,000.00	\$1,950.00	\$1,950.00	\$20,000.00	\$20,000.00
291	Erosion Control, Inlet Protection, Fabric Drop	1	Ea	\$150.00	\$150.00	\$110.00	\$110.00	\$150.00	\$150.00	\$100.00	\$100.00
292	Audio-Video Route Survey	1	LSUM	\$1,200.00	\$1,200.00	\$440.00	\$440.00	\$750.00	\$750.00	\$750.00	\$750.00
293	Aggregate Base, 21AA, 4 inch	175	Syd	\$24.00	\$4,200.00	\$13.00	\$2,275.00	\$18.00	\$3,150.00	\$17.00	\$2,975.00
294	Aggregate Base, 21AA, 6 inch	15	Syd	\$24.00	\$360.00	\$20.00	\$300.00	\$20.00	\$300.00	\$25.00	\$375.00
295	Driveway, Nonreinf Conc, 8 inch	78	Syd	\$52.00	\$4,056.00	\$61.00	\$4,758.00	\$80.00	\$6,240.00	\$58.00	\$4,524.00
296	Curb and Gutter, Conc, Det B2	25	Ft	\$35.00	\$875.00	\$39.00	\$975.00	\$38.00	\$950.00	\$37.00	\$925.00
297	Sidewalk Ramp, Conc, 6 inch	176	Sft	\$6.00	\$1,056.00	\$11.00	\$1,936.00	\$12.00	\$2,112.00	\$11.00	\$1,936.00
298	Sidewalk, Conc, 4 inch	952	Sft	\$5.00	\$4,760.00	\$6.00	\$5,712.00	\$7.00	\$6,664.00	\$6.00	\$5,712.00
299	Curb Ramp Opening, Conc	30	Ft	\$20.00	\$600.00	\$38.00	\$1,140.00	\$38.00	\$1,140.00	\$37.00	\$1,110.00
300	Traffic Maintenance and Control	1	LSUM	\$6,000.00	\$6,000.00	\$2,420.00	\$2,420.00	\$1,800.00	\$1,800.00	\$1,500.00	\$1,500.00
301	Irrigation Repairs	1	LSUM	\$800.00	\$800.00	\$550.00	\$550.00	\$500.00	\$500.00	\$250.00	\$250.00
302	Restoration	1	LSUM	\$1,000.00	\$1,000.00	\$2,640.00	\$2,640.00	\$1,270.00	\$1,270.00	\$1,500.00	\$1,500.00
303	Crew Days	\$ 700	Cday	11.00	\$7,700.00	8.00	\$5,600.00	7.00	\$4,900.00	4.00	\$2,800.00
304	Contingency Allowance	1	LSUM	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
305	Permit Allowance	1	LSUM	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
SUBTOTAL Division 9:					<b>\$48,077.00</b> <sup>2</sup>		<b>\$43,976.00</b>		<b>\$36,708.00</b>		<b>\$49,877.00</b> <sup>2</sup>
<b>TOTAL FOR Divisions 1, 2, 3, 4, 5, 6, 7, 8 and 9:</b>					<b>\$915,527.40</b> <sup>2</sup>		<b>\$1,089,475.13</b>		<b>\$1,107,557.00</b> <sup>2</sup>		<b>\$1,137,451.00</b> <sup>2</sup>

CORRECTIONS

<sup>1</sup> Amount adjusted to reflect bidder's multiplication/rounding error

<sup>2</sup> Total adjusted to reflect bidder's addition errors

Item No.	Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>CATEGORY 1 -Segment 43- Wixom</b>										
1	Mobilization, Max	1 LSUM	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00
2	Tree, Rem, 6 inch to 18 inch	3 Ea	\$600.00	\$1,800.00	\$660.00	\$1,980.00	\$870.00	\$2,610.00	\$650.00	\$1,950.00
3	Curb and Gutter, Rem	22 Ft	\$17.00	\$374.00	\$35.00	\$770.00	\$15.00	\$330.00	\$25.00	\$550.00
4	Pavt, Rem	80 Syd	\$18.00	\$1,440.00	\$35.00	\$2,800.00	\$18.00	\$1,440.00	\$15.00	\$1,200.00
5	Sidewalk, Rem	31 Syd	\$15.00	\$465.00	\$35.00	\$1,085.00	\$18.00	\$558.00	\$15.00	\$465.00
6	Rock, Relocate	8 Ea	\$50.00	\$400.00	\$55.00	\$440.00	\$200.00	\$1,600.00	\$50.00	\$400.00
7	Granular Material, CI II	80 Cyd	\$26.00	\$2,080.00	\$54.00	\$4,320.00	\$33.00	\$2,640.00	\$20.00	\$1,600.00
8	Subgrade Undercutting, Type II	10 Cyd	\$36.00	\$360.00	\$99.00	\$990.00	\$33.00	\$330.00	\$30.00	\$300.00
9	Ditch Grading	143 Ft	\$32.00	\$4,576.00	\$12.00	\$1,716.00	\$17.00	\$2,431.00	\$5.00	\$715.00
10	Clearing	180 Syd	\$10.00	\$1,800.00	\$11.00	\$1,980.00	\$20.00	\$3,600.00	\$11.00	\$1,980.00
11	Earthwork	1 LSUM	\$4,000.00	\$4,000.00	\$10,000.00	\$10,000.00	\$2,000.00	\$2,000.00	\$20,000.00	\$20,000.00
12	Erosion Control, Inlet Protection, Fabric Drop	1 Ea	\$150.00	\$150.00	\$110.00	\$110.00	\$150.00	\$150.00	\$100.00	\$100.00
13	Erosion Control, Silt Fence	184 Ft	\$2.50	\$460.00	\$5.00	\$920.00	\$4.00	\$736.00	\$3.00	\$552.00
14	Audio-Video Route Survey	1 LSUM	\$725.00	\$725.00	\$440.00	\$440.00	\$900.00	\$900.00	\$750.00	\$750.00
15	Aggregate Base, 21AA, 6 inch	74 Syd	\$14.00	\$1,036.00	\$20.00	\$1,480.00	\$20.00	\$1,480.00	\$25.00	\$1,850.00
16	Aggregate Base, 21AA, 4 inch	183 Syd	\$12.00	\$2,196.00	\$13.00	\$2,379.00	\$18.00	\$3,294.00	\$17.00	\$3,111.00
17	Maintenance Aggregate	63 Ton	\$20.00	\$1,260.00	\$60.00	\$3,780.00	\$35.00	\$2,205.00	\$25.00	\$1,575.00
18	Sewer, CI IV, 12 inch, Tr Det A	30 Ft	\$150.00	\$4,500.00	\$107.00	\$3,210.00	\$145.00	\$4,350.00	\$50.00	\$1,500.00
19	Sewer, CI IV, 12 inch, Tr Det B	20 Ft	\$200.00	\$4,000.00	\$115.00	\$2,300.00	\$145.00	\$2,900.00	\$50.00	\$1,000.00
20	Sanitary Manhole Cover, Adj	1 Ea	\$650.00	\$650.00	\$649.00	\$649.00	\$700.00	\$700.00	\$750.00	\$750.00
21	Dr Structure, 24 inch dia	1 Ea	\$1,200.00	\$1,200.00	\$2,900.00	\$2,900.00	\$3,300.00	\$3,300.00	\$750.00	\$750.00
22	Dr Structure, Tap, 12 inch	1 Ea	\$450.00	\$450.00	\$435.00	\$435.00	\$400.00	\$400.00	\$1,500.00	\$1,500.00
23	HMA, Hand Patching	3 Ton	\$300.00	\$900.00	\$550.00	\$1,650.00	\$450.00	\$1,350.00	\$400.00	\$1,200.00
24	HMA, Driveway, 13A, 3 inch	24 Ton	\$200.00	\$4,800.00	\$275.00	\$6,600.00	\$400.00	\$9,600.00	\$250.00	\$6,000.00
25	Curb and Gutter, Conc, Det F4	22 Ft	\$26.00	\$572.00	\$33.00	\$726.00	\$38.00	\$836.00	\$32.00	\$704.00
26	Sidewalk, Conc, 4 inch	1254 Sft	\$5.00	\$6,270.00	\$5.00	\$6,270.00	\$7.00	\$8,778.00	\$5.00	\$6,270.00
27	Sidewalk, Conc, 6 inch	192 Sft	\$6.00	\$1,152.00	\$6.00	\$1,152.00	\$7.50	\$1,440.00	\$6.00	\$1,152.00
28	Traffic Maintenance and Control	1 LSUM	\$7,000.00	\$7,000.00	\$2,500.00	\$2,500.00	\$1,800.00	\$1,800.00	\$7,500.00	\$7,500.00
29	Irrigation Repairs	1 LSUM	\$800.00	\$800.00	\$0.01	\$0.01	\$300.00	\$300.00	\$150.00	\$150.00
30	Restoration	1 LSUM	\$1,275.00	\$1,275.00	\$2,640.00	\$2,640.00	\$1,300.00	\$1,300.00	\$1,500.00	\$1,500.00
31	Crew Days	\$ 700 Cday	11.00	\$7,700.00	15.00	\$10,500.00	8.00	\$5,600.00	7.00	\$4,900.00
32	Contingency Allowance	1 LSUM	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
33	Permit Allowance	1 LSUM	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00
SUBTOTAL Division 1:				<b>\$71,641.00</b>	<b>\$84,472.01</b>	<b>\$75,708.00</b>	<b>\$79,224.00</b>			
<b>CATEGORY 2 -Segment 39 Beck</b>										
34	Mobilization, Max	1 LSUM	\$3,500.00	\$3,500.00	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00
35	Tree, Rem, 19 inch to 36 inch	1 Ea	\$2,500.00	\$2,500.00	\$2,750.00	\$2,750.00	\$1,600.00	\$1,600.00	\$2,650.00	\$2,650.00
36	Tree, Rem, 6 inch to 18 inch	1 Ea	\$450.00	\$450.00	\$495.00	\$495.00	\$870.00	\$870.00	\$500.00	\$500.00
37	Curb and Gutter, Rem	53 Ft	\$17.00	\$901.00	\$35.00	\$1,855.00	\$15.00	\$795.00	\$25.00	\$1,325.00
38	Pavt, Rem	14 Syd	\$18.00	\$252.00	\$35.00	\$490.00	\$18.00	\$252.00	\$15.00	\$210.00
39	Sidewalk, Rem	89 Syd	\$15.00	\$1,335.00	\$35.00	\$3,115.00	\$18.00	\$1,602.00	\$15.00	\$1,335.00

Item No.	Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
40	Granular Material, CI II	50 Cyd	\$26.00	\$1,300.00	\$54.00	\$2,700.00	\$33.00	\$1,650.00	\$20.00	\$1,000.00
41	Subgrade Undercutting, Type II	10 Cyd	\$36.00	\$360.00	\$99.00	\$990.00	\$33.00	\$330.00	\$30.00	\$300.00
42	Ditch Grading	286 Ft	\$32.00	\$9,152.00	\$12.00	\$3,432.00	\$17.00	\$4,862.00	\$5.00	\$1,430.00
43	Clearing	267 Syd	\$8.00	\$2,136.00	\$9.00	\$2,403.00	\$20.00	\$5,340.00	\$9.00	\$2,403.00
44	Earthwork	1 LSUM	\$8,000.00	\$8,000.00	\$22,000.00	\$22,000.00	\$3,500.00	\$3,500.00	\$27,000.00	\$27,000.00
45	Erosion Control, Check Dam, Stone	14 Ft	\$1.00	\$14.00	\$58.00	\$812.00	\$25.00	\$350.00	\$25.00	\$350.00
46	Erosion Control, Silt Fence	429 Ft	\$2.50	\$1,072.50 <sup>1</sup>	\$5.00	\$2,145.00	\$4.00	\$1,716.00	\$3.00	\$1,287.00
47	Audio-Video Route Survey	1 LSUM	\$825.00	\$825.00	\$440.00	\$440.00	\$1,000.00	\$1,000.00	\$750.00	\$750.00
48	Aggregate Base, 21AA, 6 inch	46 Syd	\$14.00	\$644.00	\$20.00	\$920.00	\$20.00	\$920.00	\$25.00	\$1,150.00
49	Aggregate Base, 21AA, 4 inch	516 Syd	\$12.00	\$6,192.00	\$13.00	\$6,708.00	\$18.00	\$9,288.00	\$17.00	\$8,772.00
50	Maintenance Aggregate	6 Ton	\$20.00	\$120.00	\$60.00	\$360.00	\$35.00	\$210.00	\$25.00	\$150.00
51	Culvert, HP Storm, 12 inch	40 Ft	\$85.00	\$3,400.00	\$105.00	\$4,200.00	\$145.00	\$5,800.00	\$50.00	\$2,000.00
52	Culv End Sect, 12 inch	3 Ea	\$300.00	\$900.00	\$1,000.00	\$3,000.00	\$1,000.00	\$3,000.00	\$400.00	\$1,200.00
53	Sewer, CI II, 12 inch, Tr Det A	4 Ft	\$150.00	\$600.00	\$246.00	\$984.00	\$145.00	\$580.00	\$50.00	\$200.00
54	Sanitary Manhole Cover, Adj	1 Ea	\$650.00	\$650.00	\$649.00	\$649.00	\$700.00	\$700.00	\$750.00	\$750.00
55	Dr Structure, Adj, Add Depth	4 Ft	\$85.00	\$340.00	\$290.00	\$1,160.00	\$190.00	\$760.00	\$200.00	\$800.00
56	HMA, Driveway, 13A, 3 inch	8 Ton	\$400.00	\$3,200.00	\$275.00	\$2,200.00	\$450.00	\$3,600.00	\$300.00	\$2,400.00
57	Curb and Gutter, Conc, Det F4	286 Ft	\$26.00	\$7,436.00	\$28.00	\$8,008.00	\$38.00	\$10,868.00	\$27.00	\$7,722.00
58	Sidewalk, Conc, 4 inch	3603 Sft	\$5.00	\$18,015.00	\$5.00	\$18,015.00	\$7.00	\$25,221.00	\$5.00	\$18,015.00
59	Sidewalk, Conc, 6 inch	88 Sft	\$6.00	\$528.00	\$6.00	\$528.00	\$7.50	\$660.00	\$6.00	\$528.00
60	Curb Ramp Opening, Conc	12 Ft	\$20.00	\$240.00	\$28.00	\$336.00	\$38.00	\$456.00	\$30.00	\$360.00
61	Traffic Maintenance and Control	1 LSUM	\$7,000.00	\$7,000.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$4,500.00	\$4,500.00
62	Irrigation Repairs	1 LSUM	\$700.00	\$700.00	\$0.01	\$0.01	\$2,000.00	\$2,000.00	\$150.00	\$150.00
63	Restoration	1 LSUM	\$2,050.00	\$2,050.00	\$5,016.00	\$5,016.00	\$2,275.00	\$2,275.00	\$2,500.00	\$2,500.00
64	Crew Days	\$ 700 Cday	13.00	\$9,100.00	20.00	\$14,000.00	8.00	\$5,600.00	12.00	\$8,400.00
65	Contingency Allowance	1 LSUM	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
66	Permit Allowance	1 LSUM	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00
SUBTOTAL Division 2:				<b>\$96,662.50<sup>2</sup></b>	<b>\$120,961.01</b>	<b>\$106,055.00</b>	<b>\$108,887.00</b>			
<b>CATEGORY 3 -Segment 120A - Haggerty (8 Mile to Orchar</b>										
67	Mobilization, Max	1 LSUM	\$4,200.00	\$4,200.00	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00	\$8,500.00	\$8,500.00
68	Curb and Gutter, Rem	73 Ft	\$17.00	\$1,241.00	\$35.00	\$2,555.00	\$15.00	\$1,095.00	\$25.00	\$1,825.00
69	Pavt, Rem	233 Syd	\$18.00	\$4,194.00	\$35.00	\$8,155.00	\$18.00	\$4,194.00	\$15.00	\$3,495.00
70	Sidewalk, Rem	25 Syd	\$15.00	\$375.00	\$35.00	\$875.00	\$18.00	\$450.00	\$15.00	\$375.00
71	Granular Material, CI II	110 Cyd	\$26.00	\$2,860.00	\$54.00	\$5,940.00	\$33.00	\$3,630.00	\$20.00	\$2,200.00
72	Subgrade Undercutting, Type II	29 Cyd	\$36.00	\$1,044.00	\$99.00	\$2,871.00	\$33.00	\$957.00	\$30.00	\$870.00
73	Earthwork	1 LSUM	\$13,500.00	\$13,500.00	\$30,000.00	\$30,000.00	\$4,050.00	\$4,050.00	\$47,000.00	\$47,000.00
74	Erosion Control, Inlet Protection, Fabric Drop	6 Ea	\$150.00	\$900.00	\$110.00	\$660.00	\$150.00	\$900.00	\$100.00	\$600.00
75	Erosion Control, Silt Fence	712 Ft	\$2.50	\$1,780.00	\$4.00	\$2,848.00	\$4.00	\$2,848.00	\$3.00	\$2,136.00
76	Audio-Video Route Survey	1 LSUM	\$1,025.00	\$1,025.00	\$440.00	\$440.00	\$1,100.00	\$1,100.00	\$1,000.00	\$1,000.00
77	Aggregate Base, 21AA, 6 inch	570 Syd	\$14.00	\$7,980.00	\$20.00	\$11,400.00	\$20.00	\$11,400.00	\$25.00	\$14,250.00
78	Aggregate Base, 21AA, 8 inch	9 Syd	\$20.00	\$180.00	\$27.00	\$243.00	\$23.00	\$207.00	\$32.00	\$288.00
79	Aggregate Base, 21AA, 4 inch	321 Syd	\$12.00	\$3,852.00	\$13.00	\$4,173.00	\$18.00	\$5,778.00	\$17.00	\$5,457.00

Item No.	Description	Estimated Quantity	Unit		Unit		Unit		Unit	
			Price	Amount	Price	Amount	Price	Amount	Price	Amount
80	Maintenance Aggregate	17 Ton	\$20.00	\$340.00	\$60.00	\$1,020.00	\$35.00	\$595.00	\$25.00	\$425.00
81	HMA, 5E3, 2 inch, Driveway	321 Syd	\$23.00	\$7,383.00	\$22.00	\$7,062.00	\$70.00	\$22,470.00	\$35.00	\$11,235.00
82	HMA, 4C, 2.5 inch, Driveway	321 Syd	\$25.00	\$8,025.00	\$22.00	\$7,062.00	\$73.00	\$23,433.00	\$42.00	\$13,482.00
83	HMA, 3C, 2.5 inch, Driveway	321 Syd	\$20.00	\$6,420.00	\$22.00	\$7,062.00	\$73.00	\$23,433.00	\$42.00	\$13,482.00
84	HMA, Hand Patching	1 Ton	\$250.00	\$250.00	\$550.00	\$550.00	\$450.00	\$450.00	\$400.00	\$400.00
85	Modular Block Retaining Wall	228 Sft	\$46.00	\$10,488.00	\$60.00	\$13,680.00	\$99.00	\$22,572.00	\$50.00	\$11,400.00
86	Curb and Gutter, Conc, Det F4	35 Ft	\$26.00	\$910.00	\$33.00	\$1,155.00	\$38.00	\$1,330.00	\$32.00	\$1,120.00
87	Detectable Warning Surface	25 Ft	\$38.00	\$950.00	\$39.00	\$975.00	\$170.00	\$4,250.00	\$37.00	\$925.00
88	Sidewalk Ramp, Conc, 6 inch	238 Sft	\$6.00	\$1,428.00	\$6.00	\$1,428.00	\$12.00	\$2,856.00	\$6.00	\$1,428.00
89	Sidewalk, Conc, 4 inch	5029 Sft	\$5.00	\$25,145.00	\$4.75	\$23,887.75	\$7.00	\$35,203.00	\$5.00	\$25,145.00
90	Sidewalk, Conc, 8 inch	264 Sft	\$8.00	\$2,112.00	\$7.00	\$1,848.00	\$10.00	\$2,640.00	\$7.00	\$1,848.00
91	Curb Ramp Opening, Conc	40 Ft	\$20.00	\$800.00	\$33.00	\$1,320.00	\$38.00	\$1,520.00	\$32.00	\$1,280.00
92	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	188 Ft	\$4.00	\$752.00	\$5.00	\$940.00	\$5.00	\$940.00	\$5.00	\$940.00
93	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	23 Ft	\$9.00	\$207.00	\$10.00	\$230.00	\$11.00	\$253.00	\$10.00	\$230.00
94	Traffic Maintenance and Control	1 LSUM	\$7,000.00	\$7,000.00	\$6,000.00	\$6,000.00	\$2,400.00	\$2,400.00	\$7,500.00	\$7,500.00
95	Remove, Salvage and Replace Landscaping	1 LSUM	\$550.00	\$550.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$750.00	\$750.00
96	Pushbutton, Rem	6 Ea	\$178.00	\$1,068.00	\$83.00	\$498.00	\$100.00	\$600.00	\$100.00	\$600.00
97	TS, Pedestrian, Bracket Arm Mtd, Rem	3 Ea	\$354.00	\$1,062.00	\$330.00	\$990.00	\$360.00	\$1,080.00	\$325.00	\$975.00
98	TS, Pedestrian, Pedestal Mtd, Rem	1 Ea	\$354.00	\$354.00	\$165.00	\$165.00	\$180.00	\$180.00	\$160.00	\$160.00
99	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	2 Ea	\$1,246.00	\$2,492.00	\$1,430.00	\$2,860.00	\$1,560.00	\$3,120.00	\$1,500.00	\$3,000.00
100	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	1 Ea	\$1,563.00	\$1,563.00	\$1,925.00	\$1,925.00	\$2,100.00	\$2,100.00	\$2,000.00	\$2,000.00
101	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	1 Ea	\$1,668.00	\$1,668.00	\$2,063.00	\$2,063.00	\$2,200.00	\$2,200.00	\$2,100.00	\$2,100.00
102	TS Face, Bag	5 Ea	\$75.00	\$375.00	\$440.00	\$2,200.00	\$450.00	\$2,250.00	\$450.00	\$2,250.00
103	TS Face, Bag, Rem	5 Ea	\$75.00	\$375.00	\$330.00	\$1,650.00	\$360.00	\$1,800.00	\$325.00	\$1,625.00
104	Gate Well Cover, Adjust	1 Ea	\$425.00	\$425.00	\$649.00	\$649.00	\$700.00	\$700.00	\$750.00	\$750.00
105	Irrigation Repairs	1 LSUM	\$900.00	\$900.00	\$3,500.00	\$3,500.00	\$3,900.00	\$3,900.00	\$1,000.00	\$1,000.00
106	Restoration	1 LSUM	\$4,500.00	\$4,500.00	\$7,900.00	\$7,900.00	\$2,630.00	\$2,630.00	\$4,500.00	\$4,500.00
107	Crew Days	\$ 700 Cday	16.00	\$11,200.00	30.00	\$21,000.00	17.00	\$11,900.00	25.00	\$17,500.00
108	Contingency Allowance	1 LSUM	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00
109	Permit Allowance	1 LSUM	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00
SUBTOTAL Division 3:				<b>\$152,705.00</b> <sup>2</sup>		<b>\$214,111.75</b>		<b>\$235,746.00</b> <sup>2</sup>		<b>\$226,878.00</b>

**CATEGORY 4 -Segment 120B - Haggerty (Orchard Hill to I**

110	Mobilization, Max	1 LSUM	\$6,600.00	\$6,600.00	\$10,000.00	\$10,000.00	\$9,500.00	\$9,500.00	\$10,000.00	\$10,000.00
111	Tree, Rem, 6 inch to 18 inch	1 Ea	\$600.00	\$600.00	\$660.00	\$660.00	\$870.00	\$870.00	\$650.00	\$650.00
112	Curb and Gutter, Rem	64 Ft	\$17.00	\$1,088.00	\$35.00	\$2,240.00	\$15.00	\$960.00	\$25.00	\$1,600.00
113	Sidewalk, Rem	28 Syd	\$15.00	\$420.00	\$35.00	\$980.00	\$18.00	\$504.00	\$15.00	\$420.00
114	Granular Material, CI II	60 Cyd	\$26.00	\$1,560.00	\$54.00	\$3,240.00	\$33.00	\$1,980.00	\$20.00	\$1,200.00
115	Subgrade Undercutting, Type II	29 Cyd	\$36.00	\$1,044.00	\$99.00	\$2,871.00	\$33.00	\$957.00	\$30.00	\$870.00
116	Earthwork	1 LSUM	\$13,500.00	\$13,500.00	\$19,000.00	\$19,000.00	\$4,000.00	\$4,000.00	\$36,000.00	\$36,000.00
117	Erosion Control, Inlet Protection, Fabric Drop	3 Ea	\$150.00	\$450.00	\$110.00	\$330.00	\$150.00	\$450.00	\$100.00	\$300.00
118	Erosion Control, Silt Fence	208 Ft	\$2.50	\$520.00	\$5.00	\$1,040.00	\$4.00	\$832.00	\$3.00	\$624.00
119	Audio-Video Route Survey	1 LSUM	\$1,025.00	\$1,025.00	\$440.00	\$440.00	\$1,100.00	\$1,100.00	\$800.00	\$800.00

Item No.	Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
120	Aggregate Base, 21AA, 6 inch	7 Syd	\$14.00	\$98.00	\$20.00	\$140.00	\$20.00	\$140.00	\$25.00	\$175.00
121	Aggregate Base, 21AA, 4 inch	643 Syd	\$12.00	\$7,716.00	\$13.00	\$8,359.00	\$18.00	\$11,574.00	\$17.00	\$10,931.00
122	Maintenance Aggregate	17 Ton	\$20.00	\$340.00	\$60.00	\$1,020.00	\$35.00	\$595.00	\$25.00	\$425.00
123	Dr Structure Cover, Adj, Case 2	1 Ea	\$400.00	\$400.00	\$649.00	\$649.00	\$700.00	\$700.00	\$500.00	\$500.00
124	Utility Structure Cover, Adj	1 Ea	\$400.00	\$400.00	\$649.00	\$649.00	\$700.00	\$700.00	\$750.00	\$750.00
125	HMA, Hand Patching	3 Ton	\$350.00	\$1,050.00	\$550.00	\$1,650.00	\$450.00	\$1,350.00	\$400.00	\$1,200.00
126	Modular Block Retaining Wall	936 Sft	\$46.00	\$43,056.00	\$54.00	\$50,544.00	\$99.00	\$92,664.00	\$50.00	\$46,800.00
127	Curb and Gutter, Conc, Det F4	6 Ft	\$26.00	\$156.00	\$33.00	\$198.00	\$38.00	\$228.00	\$35.00	\$210.00
128	Detectable Warning Surface	39 Ft	\$38.00	\$1,482.00	\$39.00	\$1,521.00	\$170.00	\$6,630.00	\$37.00	\$1,443.00
129	Sidewalk Ramp, Conc, 6 inch	234 Sft	\$6.00	\$1,404.00	\$6.00	\$1,404.00	\$12.00	\$2,808.00	\$6.00	\$1,404.00
130	Sidewalk, Conc, 4 inch	5547 Sft	\$5.00	\$27,735.00	\$4.75	\$26,348.25	\$7.00	\$38,829.00	\$5.00	\$27,735.00
131	Curb Ramp Opening, Conc	56 Ft	\$20.00	\$1,120.00	\$33.00	\$1,848.00	\$38.00	\$2,128.00	\$32.00	\$1,792.00
132	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	217 Ft	\$4.00	\$868.00	\$5.00	\$1,085.00	\$5.00	\$1,085.00	\$5.00	\$1,085.00
133	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	22 Ft	\$9.00	\$198.00	\$10.00	\$220.00	\$11.00	\$242.00	\$10.00	\$220.00
134	Traffic Maintenance and Control	1 LSUM	\$7,000.00	\$7,000.00	\$6,500.00	\$6,500.00	\$2,600.00	\$2,600.00	\$5,000.00	\$5,000.00
136	Planting Mix, 12" depth	13 Cyd	\$80.00	\$1,040.00	\$77.00	\$1,001.00	\$200.00	\$2,600.00	\$100.00	\$1,300.00
135	Double Shredded Hardwood Bark Mulch, 3" depth	4 Cyd	\$75.00	\$300.00	\$72.00	\$288.00	\$250.00	\$1,000.00	\$100.00	\$400.00
137	Hypericum prolificum, #1 cont.	31 Ea	\$45.00	\$1,395.00	\$44.00	\$1,364.00	\$75.00	\$2,325.00	\$35.00	\$1,085.00
138	Rosa x 'NOA97400A', #3 cont.	20 Ea	\$45.00	\$900.00	\$110.00	\$2,200.00	\$75.00	\$1,500.00	\$35.00	\$700.00
139	Schizachyrium scoparium 'The Blues', #3 cont.	36 Ea	\$45.00	\$1,620.00	\$110.00	\$3,960.00	\$95.00	\$3,420.00	\$25.00	\$900.00
140	Remove, Salvage and Replace Landscaping	1 LSUM	\$3,500.00	\$3,500.00	\$0.01	\$0.01	\$3,500.00	\$3,500.00	\$500.00	\$500.00
141	Watering & Cultivation, 1st Season, Modified	1 LSUM	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$9,000.00	\$9,000.00
142	Watering & Cultivation, 2nd Season, Modified	1 LSUM	\$15,000.00	\$15,000.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$8,000.00	\$8,000.00
143	Conduit, DB, 1, 1 1/4 inch	75 Ft	\$18.00	\$1,350.00	\$28.00	\$2,100.00	\$30.00	\$2,250.00	\$27.00	\$2,025.00
144	Pushbutton and Sign	4 Ea	\$448.00	\$1,792.00	\$990.00	\$3,960.00	\$1,080.00	\$4,320.00	\$1,000.00	\$4,000.00
145	Pushbutton, Rem	6 Ea	\$178.00	\$1,068.00	\$165.00	\$990.00	\$200.00	\$1,200.00	\$175.00	\$1,050.00
146	TS, Pedestrian, Bracket Arm Mtd, Rem	1 Ea	\$354.00	\$354.00	\$330.00	\$330.00	\$400.00	\$400.00	\$350.00	\$350.00
147	TS, Pedestrian, Pedestal Mtd, Rem	2 Ea	\$354.00	\$708.00	\$330.00	\$660.00	\$400.00	\$800.00	\$350.00	\$700.00
148	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	1 LSUM	\$1,246.00	\$1,246.00	\$1,540.00	\$1,540.00	\$1,600.00	\$1,600.00	\$1,500.00	\$1,500.00
149	TS Face, Bag	5 Ea	\$75.00	\$375.00	\$440.00	\$2,200.00	\$450.00	\$2,250.00	\$450.00	\$2,250.00
150	TS Face, Bag, Rem	5 Ea	\$75.00	\$375.00	\$330.00	\$1,650.00	\$360.00	\$1,800.00	\$325.00	\$1,625.00
151	Pushbutton Support Post, RCOC	4 Ea	\$1,165.00	\$4,660.00	\$385.00	\$1,540.00	\$500.00	\$2,000.00	\$400.00	\$1,600.00
152	Irrigation Repairs	1 LSUM	\$1,100.00	\$1,100.00	\$2,750.00	\$2,750.00	\$3,500.00	\$3,500.00	\$1,000.00	\$1,000.00
153	Restoration	1 LSUM	\$2,525.00	\$2,525.00	\$5,700.00	\$5,700.00	\$2,600.00	\$2,600.00	\$4,500.00	\$4,500.00
154	Crew Days	\$ 700 Cday	18.00	\$12,600.00	35.00	\$24,500.00	18.00	\$12,600.00	23.00	\$16,100.00
155	Contingency Allowance	1 LSUM	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00
156	Permit Allowance	1 LSUM	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00
SUBTOTAL Division 4:				<b>\$192,570.00</b>	<sup>2</sup>	<b>\$215,501.26</b>		<b>\$248,923.00</b>		<b>\$221,551.00</b>
<b>CATEGORY 5 -Segment 120C - Haggerty (High Pointe to 9</b>										
157	Mobilization, Max	1 LSUM	\$4,200.00	\$4,200.00	\$6,500.00	\$6,500.00	\$4,000.00	\$4,000.00	\$7,000.00	\$7,000.00
158	Tree, Rem, 19 inch to 36 inch	4 Ea	\$1,075.00	\$4,300.00	\$1,183.00	\$4,732.00	\$1,600.00	\$6,400.00	\$1,200.00	\$4,800.00
159	Curb and Gutter, Rem	16 Ft	\$17.00	\$272.00	\$35.00	\$560.00	\$15.00	\$240.00	\$40.00	\$640.00

Item No.	Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	
160	Pavt, Rem	179 Syd	\$18.00	\$3,222.00	\$35.00	\$6,265.00	\$18.00	\$3,222.00	\$15.00	\$2,685.00	
161	Sidewalk, Rem	72 Syd	\$15.00	\$1,080.00	\$35.00	\$2,520.00	\$18.00	\$1,296.00	\$15.00	\$1,080.00	
162	Granular Material, CI II	70 Cyd	\$26.00	\$1,820.00	\$54.00	\$3,780.00	\$33.00	\$2,310.00	\$20.00	\$1,400.00	
163	Subgrade Undercutting, Type II	29 Cyd	\$36.00	\$1,044.00	\$99.00	\$2,871.00	\$33.00	\$957.00	\$30.00	\$870.00	
164	Ditch Grading	281 Ft	\$32.00	\$8,992.00	\$11.00	\$3,091.00	\$17.00	\$4,777.00	\$5.00	\$1,405.00	
165	Clearing	1148 Syd	\$18.30	\$21,008.40	\$20.00	\$22,960.00	\$15.00	\$17,220.00	\$19.00	\$21,812.00	
166	Earthwork	1 LSUM	\$6,000.00	\$6,000.00	\$12,000.00	\$12,000.00	\$1,450.00	\$1,450.00	\$42,000.00	\$42,000.00	
167	Erosion Control, Inlet Protection, Fabric Drop	1 Ea	\$150.00	\$150.00	\$110.00	\$110.00	\$150.00	\$150.00	\$100.00	\$100.00	
168	Audio-Video Route Survey	1 LSUM	\$1,025.00	\$1,025.00	\$440.00	\$440.00	\$1,100.00	\$1,100.00	\$800.00	\$800.00	
169	Aggregate Base, 21AA, 6 inch	79 Syd	\$14.00	\$1,106.00	\$20.00	\$1,580.00	\$20.00	\$1,580.00	\$25.00	\$1,975.00	
170	Aggregate Base, 21AA, 4 inch	203 Syd	\$12.00	\$2,436.00	\$13.00	\$2,639.00	\$18.00	\$3,654.00	\$17.00	\$3,451.00	
171	Aggregate Base, 21AA, 8 inch	89 Syd	\$20.00	\$1,780.00	\$27.00	\$2,403.00	\$23.00	\$2,047.00	\$32.00	\$2,848.00	
172	Maintenance Aggregate	17 Ton	\$20.00	\$340.00	\$60.00	\$1,020.00	\$35.00	\$595.00	\$25.00	\$425.00	
173	Dr Structure Cover	1 Ea	\$550.00	\$550.00	\$825.00	\$825.00	\$850.00	\$850.00	\$750.00	\$750.00	
174	HMA, 5E3, 2 inch, Driveway	89 Syd	\$35.00	\$3,115.00	\$22.00	\$1,958.00	\$70.00	\$6,230.00	\$40.00	\$3,560.00	
175	HMA, 4C, 2.5 inch, Driveway	89 Syd	\$35.00	\$3,115.00	\$22.00	\$1,958.00	\$73.00	\$6,497.00	\$47.00	\$4,183.00	
176	HMA, 3C, 2.5 inch, Driveway	89 Syd	\$35.00	\$3,115.00	\$22.00	\$1,958.00	\$73.00	\$6,497.00	\$47.00	\$4,183.00	
177	HMA, Driveway, 13A, 3 inch	30 Ton	\$175.00	\$5,250.00	\$165.00	\$4,950.00	\$400.00	\$12,000.00	\$250.00	\$7,500.00	
178	Detectable Warning Surface	10 Ft	\$38.00	\$380.00	\$55.00	\$550.00	\$170.00	\$1,700.00	\$55.00	\$550.00	
179	Sidewalk Ramp, Conc, 6 inch	160 Sft	\$6.00	\$960.00	\$7.00	\$1,120.00	\$12.00	\$1,920.00	\$7.00	\$1,120.00	
180	Sidewalk, Conc, 4 inch	1542 Sft	\$5.00	\$7,710.00	\$5.50	\$8,481.00	\$7.00	\$10,794.00	\$6.00	\$9,252.00	
181	Sidewalk, Conc, 6 inch	117 Sft	\$6.00	\$702.00	\$7.00	\$819.00	\$8.50	\$994.50	\$7.00	\$819.00	
182	Curb Ramp Opening, Conc	16 Ft	\$20.00	\$320.00	\$44.00	\$704.00	\$38.00	\$608.00	\$45.00	\$720.00	
183	Traffic Maintenance and Control	1 LSUM	\$6,500.00	\$6,500.00	\$2,600.00	\$2,600.00	\$1,800.00	\$1,800.00	\$7,500.00	\$7,500.00	
184	Remove, Salvage and Replace Landscaping	1 LSUM	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00	\$3,500.00	\$3,500.00	\$10,000.00	\$10,000.00	
185	Irrigation Repairs	1 LSUM	\$750.00	\$750.00	\$2,750.00	\$2,750.00	\$2,000.00	\$2,000.00	\$750.00	\$750.00	
186	Restoration	1 LSUM	\$3,100.00	\$3,100.00	\$3,300.00	\$3,300.00	\$1,300.00	\$1,300.00	\$4,500.00	\$4,500.00	
187	Crew Days	\$ 700 Cday	14.00	\$9,800.00	20.00	\$14,000.00	18.00	\$12,600.00	12.00	\$8,400.00	
188	Contingency Allowance	1 LSUM	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	\$8,666.00	
189	Permit Allowance	1 LSUM	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	\$2,166.00	
SUBTOTAL Division 5:					<b>\$119,474.40</b> <sup>2</sup>		<b>\$134,776.00</b>		<b>\$131,120.50</b>		<b>\$167,910.00</b>

**CATEGORY 6 -Grand River ADA Improvements**

190	Mobilization, Max	1 LSUM	\$4,000.00	\$4,000.00	\$7,500.00	\$7,500.00	\$6,000.00	\$6,000.00	\$7,500.00	\$7,500.00
191	Curb and Gutter, Rem	181 Ft	\$17.00	\$3,077.00	\$34.00	\$6,154.00	\$15.00	\$2,715.00	\$25.00	\$4,525.00
192	Sidewalk, Rem	264 Syd	\$15.00	\$3,960.00	\$34.00	\$8,976.00	\$18.00	\$4,752.00	\$15.00	\$3,960.00
193	Granular Material, CI II	40 Cyd	\$26.00	\$1,040.00	\$54.00	\$2,160.00	\$33.00	\$1,320.00	\$20.00	\$800.00
194	Subgrade Undercutting, Type II	19 Cyd	\$36.00	\$684.00	\$99.00	\$1,881.00	\$33.00	\$627.00	\$30.00	\$570.00
195	Earthwork	1 LSUM	\$3,500.00	\$3,500.00	\$14,000.00	\$14,000.00	\$2,850.00	\$2,850.00	\$24,000.00	\$24,000.00
196	Erosion Control, Inlet Protection, Fabric Drop	2 Ea	\$150.00	\$300.00	\$110.00	\$220.00	\$150.00	\$300.00	\$100.00	\$200.00
197	Audio-Video Route Survey	1 LSUM	\$1,025.00	\$1,025.00	\$440.00	\$440.00	\$1,100.00	\$1,100.00	\$800.00	\$800.00
198	Aggregate Base, 21AA, 6 inch	20 Syd	\$14.00	\$280.00	\$20.00	\$400.00	\$20.00	\$400.00	\$25.00	\$500.00
199	Aggregate Base, 21AA, 4 inch	290 Syd	\$12.00	\$3,480.00	\$13.00	\$3,770.00	\$18.00	\$5,220.00	\$17.00	\$4,930.00

Item No.	Description	Estimated Quantity	Unit		Unit		Unit		Unit	
			Price	Amount	Price	Amount	Price	Amount	Price	Amount
200	Maintenance Aggregate	2 Ton	\$20.00	\$40.00	\$60.00	\$120.00	\$35.00	\$70.00	\$25.00	\$50.00
201	Utility Structure Cover, Adj	5 Ea	\$400.00	\$2,000.00	\$649.00	\$3,245.00	\$700.00	\$3,500.00	\$750.00	\$3,750.00
202	Curb and Gutter, Conc, Det F3	30 Ft	\$26.00	\$780.00	\$28.00	\$840.00	\$38.00	\$1,140.00	\$27.00	\$810.00
203	Detectable Warning Surface	97 Ft	\$38.00	\$3,686.00	\$44.00	\$4,268.00	\$170.00	\$16,490.00	\$42.00	\$4,074.00
204	Sidewalk Ramp, Conc, 6 inch	1266 Sft	\$6.00	\$7,596.00	\$6.60	\$8,355.60	\$12.00	\$15,192.00	\$7.00	\$8,862.00
205	Sidewalk, Conc, 4 inch	1077 Sft	\$5.00	\$5,385.00	\$5.75	\$6,192.75	\$7.00	\$7,539.00	\$6.00	\$6,462.00
206	Curb Ramp Opening, Conc	289 Ft	\$20.00	\$5,780.00	\$28.00	\$8,092.00	\$38.00	\$10,982.00	\$27.00	\$7,803.00
207	Sign, Type II, Temp	1 Ea	\$200.00	\$200.00	\$330.00	\$330.00	\$5,000.00	\$5,000.00	\$250.00	\$250.00
208	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	904 Ft	\$2.50	\$2,260.00	\$2.75	\$2,486.00	\$4.00	\$3,616.00	\$3.00	\$2,712.00
209	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	290 Ft	\$7.00	\$2,030.00	\$8.00	\$2,320.00	\$9.00	\$2,610.00	\$7.50	\$2,175.00
210	Rem Spec Mrkg	877 Sft	\$3.00	\$2,631.00	\$4.00	\$3,508.00	\$4.00	\$3,508.00	\$3.00	\$2,631.00
211	Traffic Maintenance and Control	1 LSUM	\$6,500.00	\$6,500.00	\$7,400.00	\$7,400.00	\$2,800.00	\$2,800.00	\$7,500.00	\$7,500.00
212	Conduit, DB, 1, 1 1/4 inch	135 Ft	\$18.00	\$2,430.00	\$22.00	\$2,970.00	\$30.00	\$4,050.00	\$22.00	\$2,970.00
213	Conduit, DB, 1, 3 inch	20 Ft	\$25.00	\$500.00	\$28.00	\$560.00	\$35.00	\$700.00	\$27.00	\$540.00
214	Hh, Adj	1 Ea	\$875.00	\$875.00	\$358.00	\$358.00	\$400.00	\$400.00	\$350.00	\$350.00
215	Pedestal, Alum	1 Ea	\$922.00	\$922.00	\$1,073.00	\$1,073.00	\$1,200.00	\$1,200.00	\$1,100.00	\$1,100.00
216	Pedestal, Fdn	1 Ea	\$1,211.00	\$1,211.00	\$1,183.00	\$1,183.00	\$1,300.00	\$1,300.00	\$1,200.00	\$1,200.00
217	Pedestal Fdn, Rem	1 Ea	\$647.00	\$647.00	\$193.00	\$193.00	\$250.00	\$250.00	\$200.00	\$200.00
218	Pushbutton and Sign	10 Ea	\$448.00	\$4,480.00	\$990.00	\$9,900.00	\$1,100.00	\$11,000.00	\$1,000.00	\$10,000.00
219	Pushbutton, Rem	12 Ea	\$178.00	\$2,136.00	\$88.00	\$1,056.00	\$120.00	\$1,440.00	\$100.00	\$1,200.00
220	Pushbutton Pedestal, Rem	1 Ea	\$354.00	\$354.00	\$165.00	\$165.00	\$180.00	\$180.00	\$175.00	\$175.00
221	TS, Pedestrian, Bracket Arm Mtd, Rem	7 Ea	\$354.00	\$2,478.00	\$165.00	\$1,155.00	\$180.00	\$1,260.00	\$175.00	\$1,225.00
222	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	3 Ea	\$1,246.00	\$3,738.00 <sup>1</sup>	\$1,540.00	\$4,620.00	\$1,750.00	\$5,250.00	\$1,550.00	\$4,650.00
223	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	4 Ea	\$1,563.00	\$6,252.00	\$1,925.00	\$7,700.00	\$2,000.00	\$8,000.00	\$1,900.00	\$7,600.00
224	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	1 Ea	\$1,288.00	\$1,288.00	\$1,595.00	\$1,595.00	\$1,650.00	\$1,650.00	\$1,550.00	\$1,550.00
225	TS Face, Bag	10 Ea	\$75.00	\$750.00	\$358.00	\$3,580.00	\$400.00	\$4,000.00	\$350.00	\$3,500.00
226	TS Face, Bag, Rem	10 Ea	\$75.00	\$750.00	\$154.00	\$1,540.00	\$360.00	\$3,600.00	\$160.00	\$1,600.00
227	Pushbutton Support Post, RCOC	7 Ea	\$1,165.00	\$8,155.00	\$385.00	\$2,695.00	\$500.00	\$3,500.00	\$400.00	\$2,800.00
228	Irrigation Repairs	1 LSUM	\$600.00	\$600.00	\$800.00	\$800.00	\$2,800.00	\$2,800.00	\$500.00	\$500.00
229	Restoration	1 LSUM	\$700.00	\$700.00	\$4,400.00	\$4,400.00	\$1,850.00	\$1,850.00	\$1,500.00	\$1,500.00
230	Crew Days	\$ 700 Cday	22.00	\$15,400.00	24.00	\$16,800.00	15.00	\$10,500.00	20.00	\$14,000.00
231	Contingency Allowance	1 LSUM	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
232	Permit Allowance	1 LSUM	\$1,250.00	\$1,250.00	\$1,250.00	\$1,250.00	\$1,250.00	\$1,250.00	\$1,250.00	\$1,250.00
SUBTOTAL Division 6:				<b>\$120,150.00</b> <sup>2</sup>		<b>\$161,251.35</b>		<b>\$166,911.00</b>		<b>\$157,774.00</b>
<b>CATEGORY 7 -11 Mile at Clark</b>										
233	Mobilization, Max	1 LSUM	\$2,800.00	\$2,800.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00
234	Tree, Rem, 6 inch to 18 inch	1 Ea	\$600.00	\$600.00	\$660.00	\$660.00	\$870.00	\$870.00	\$650.00	\$650.00
235	Curb and Gutter, Rem	8 Ft	\$17.00	\$136.00	\$35.00	\$280.00	\$15.00	\$120.00	\$40.00	\$320.00
236	Pavt, Rem	82 Syd	\$18.00	\$1,476.00	\$35.00	\$2,870.00	\$18.00	\$1,476.00	\$15.00	\$1,230.00
237	Granular Material, CI II	30 Cyd	\$26.00	\$780.00	\$54.00	\$1,620.00	\$33.00	\$990.00	\$20.00	\$600.00
238	Subgrade Undercutting, Type II	7 Cyd	\$36.00	\$252.00	\$99.00	\$693.00	\$33.00	\$231.00	\$30.00	\$210.00
239	Ditch Grading	30 Ft	\$32.00	\$960.00	\$12.00	\$360.00	\$17.00	\$510.00	\$10.00	\$300.00

Item No.	Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
240	Earthwork	1 LSUM	\$5,500.00	\$5,500.00	\$11,000.00	\$11,000.00	\$950.00	\$950.00	\$19,000.00	\$19,000.00
241	Erosion Control, Inlet Protection, Fabric Drop	1 Ea	\$150.00	\$150.00	\$110.00	\$110.00	\$150.00	\$150.00	\$100.00	\$100.00
242	Audio-Video Route Survey	1 LSUM	\$725.00	\$725.00	\$440.00	\$440.00	\$800.00	\$800.00	\$750.00	\$750.00
243	Aggregate Base, 21AA, 4 inch	138 Syd	\$12.00	\$1,656.00	\$13.00	\$1,794.00	\$18.00	\$2,484.00	\$17.00	\$2,346.00
244	Aggregate Base, 21AA, 6 inch	83 Syd	\$14.00	\$1,162.00	\$20.00	\$1,660.00	\$20.00	\$1,660.00	\$25.00	\$2,075.00
245	HMA, Driveway, 13A, 3 inch	82 Syd	\$75.00	\$6,150.00	\$22.00	\$1,804.00	\$75.00	\$6,150.00	\$45.00	\$3,690.00
246	HMA, Hand Patching	1 Ton	\$300.00	\$150.00	\$550.00	\$275.00	\$450.00	\$225.00	\$800.00	\$400.00
247	Detectable Warning Surface	5 Ft	\$38.00	\$190.00	\$55.00	\$275.00	\$170.00	\$850.00	\$55.00	\$275.00
248	Sidewalk Ramp, Conc, 6 inch	42 Sft	\$6.00	\$252.00	\$8.00	\$336.00	\$12.00	\$504.00	\$8.00	\$336.00
249	Sidewalk, Conc, 4 inch	1111 Sft	\$5.00	\$5,555.00	\$5.75	\$6,388.25	\$7.00	\$7,777.00	\$6.00	\$6,666.00
250	Sidewalk, Conc, 6 inch	85 Sft	\$6.00	\$510.00	\$7.00	\$595.00	\$8.50	\$722.50	\$7.00	\$595.00
251	Curb Ramp Opening, Conc	8 Ft	\$20.00	\$160.00	\$55.00	\$440.00	\$38.00	\$304.00	\$55.00	\$440.00
252	Traffic Maintenance and Control	1 LSUM	\$6,500.00	\$6,500.00	\$1,210.00	\$1,210.00	\$1,800.00	\$1,800.00	\$3,000.00	\$3,000.00
253	Irrigation Repairs	1 LSUM	\$500.00	\$500.00	\$1,100.00	\$1,100.00	\$600.00	\$600.00	\$250.00	\$250.00
254	Restoration	1 LSUM	\$1,075.00	\$1,075.00	\$2,200.00	\$2,200.00	\$900.00	\$900.00	\$2,000.00	\$2,000.00
255	Crew Days	\$ 700 Cday	14.00	\$9,800.00 <sup>1</sup>	8.00	\$5,600.00	8.00	\$5,600.00	5.00	\$3,500.00
256	Contingency Allowance	1 LSUM	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
257	Permit Allowance	1 LSUM	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
SUBTOTAL Division 7:					<b>\$49,539.00<sup>2</sup></b>		<b>\$46,210.25</b>		<b>\$39,673.50</b>	<b>\$53,733.00</b>
<b>CATEGORY 8 -Willowbrook</b>										
258	Mobilization, Max	1 LSUM	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00
259	Culv, End, Rem, Less than 24 inch	1 Ea	\$150.00	\$150.00	\$143.00	\$143.00	\$420.00	\$420.00	\$250.00	\$250.00
260	Curb and Gutter, Rem	14 Ft	\$17.00	\$238.00	\$35.00	\$490.00	\$15.00	\$210.00	\$50.00	\$700.00
261	Rock, Relocate	11 Ea	\$50.00	\$550.00	\$55.00	\$605.00	\$150.00	\$1,650.00	\$25.00	\$275.00
262	Sign, Relocate	2 Ea	\$400.00	\$800.00	\$167.00	\$334.00	\$380.00	\$760.00	\$150.00	\$300.00
263	Subgrade Undercutting, Type II	4 Cyd	\$36.00	\$144.00	\$99.00	\$396.00	\$33.00	\$132.00	\$30.00	\$120.00
264	Ditch Grading	100 Ft	\$32.00	\$3,200.00	\$12.00	\$1,200.00	\$17.00	\$1,700.00	\$5.00	\$500.00
265	Clearing	28 Syd	\$30.00	\$840.00	\$33.00	\$924.00	\$33.00	\$924.00	\$35.00	\$980.00
266	Earthwork	1 LSUM	\$5,000.00	\$5,000.00	\$11,000.00	\$11,000.00	\$1,200.00	\$1,200.00	\$25,500.00	\$25,500.00
267	Erosion Control, Inlet Protection, Fabric Drop	1 Ea	\$150.00	\$150.00	\$110.00	\$110.00	\$150.00	\$150.00	\$100.00	\$100.00
268	Audio-Video Route Survey	1 LSUM	\$700.00	\$700.00	\$440.00	\$440.00	\$750.00	\$750.00	\$750.00	\$750.00
269	Aggregate Base, 21AA, 4 inch	210 Syd	\$12.00	\$2,520.00	\$13.00	\$2,730.00	\$18.00	\$3,780.00	\$17.00	\$3,570.00
270	Aggregate Base, 21AA, 6 inch	21 Syd	\$14.00	\$294.00	\$20.00	\$420.00	\$20.00	\$420.00	\$25.00	\$525.00
271	HP Storm Drain Pipe, 12 inch	150 Ft	\$100.00	\$15,000.00	\$100.00	\$15,000.00	\$125.00	\$18,750.00	\$40.00	\$6,000.00
272	Dr Structure, 24 inch dia	1 Ea	\$1,200.00	\$1,200.00	\$2,887.00	\$2,887.00	\$3,300.00	\$3,300.00	\$1,500.00	\$1,500.00
273	Dr Structure, Tap, 12 inch	1 Ea	\$500.00	\$500.00	\$435.00	\$435.00	\$400.00	\$400.00	\$500.00	\$500.00
274	HMA, Hand Patching	2 Ton	\$350.00	\$700.00	\$550.00	\$1,100.00	\$400.00	\$800.00	\$400.00	\$800.00
275	Detectable Warning Surface	20 Ft	\$38.00	\$760.00	\$50.00	\$1,000.00	\$170.00	\$3,400.00	\$50.00	\$1,000.00
276	Sidewalk Ramp, Conc, 6 inch	160 Sft	\$6.00	\$960.00	\$8.00	\$1,280.00	\$12.00	\$1,920.00	\$8.00	\$1,280.00
277	Sidewalk, Conc, 4 inch	1386 Sft	\$5.00	\$6,930.00	\$5.75	\$7,969.50	\$7.00	\$9,702.00	\$6.00	\$8,316.00
278	Curb Ramp Opening, Conc	28 Ft	\$20.00	\$560.00	\$44.00	\$1,232.00	\$38.00	\$1,064.00	\$42.00	\$1,176.00
279	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	225 Ft	\$8.50	\$1,912.50	\$10.00	\$2,250.00	\$10.00	\$2,250.00	\$9.00	\$2,025.00

Phone: 248-640-2147

Phone: 586-323-3350

Phone: 248-676-9570

Phone: 989-761-0131

Item No.	Description	Estimated Quantity	Unit		Unit		Unit		Unit		
			Price	Amount	Price	Amount	Price	Amount	Price	Amount	
280	Traffic Maintenance and Control	1	LSUM	\$6,500.00	\$6,500.00	\$1,320.00	\$1,320.00	\$1,800.00	\$1,800.00	\$4,500.00	\$4,500.00
281	Irrigation Repairs	1	LSUM	\$500.00	\$500.00	\$1,100.00	\$1,100.00	\$1,100.00	\$1,100.00	\$500.00	\$500.00
282	Restoration	1	LSUM	\$1,750.00	\$1,750.00	\$2,600.00	\$2,600.00	\$780.00	\$780.00	\$2,000.00	\$2,000.00
283	Crew Days	\$ 700	Cday	13.00	\$9,100.00	10.00	\$7,000.00	8.00	\$5,600.00	6.00	\$4,200.00
284	Contingency Allowance	1	LSUM	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
285	Permit Allowance	1	LSUM	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00
SUBTOTAL Division 8:					<b>\$64,708.50</b>		<b>\$68,215.50</b>		<b>\$66,712.00</b>		<b>\$71,617.00</b> <sup>2</sup>
<b>CATEGORY 9 -Grand River E of Olde Orchard</b>											
286	Mobilization, Max	1	LSUM	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$1,200.00	\$1,200.00	\$2,500.00	\$2,500.00
287	Mailbox, Relocate	2	Ea	\$500.00	\$1,000.00	\$57.00	\$114.00	\$300.00	\$600.00	\$100.00	\$200.00
288	Rock, Relocate	2	Ea	\$100.00	\$200.00	\$55.00	\$110.00	\$200.00	\$400.00	\$50.00	\$100.00
289	Subgrade Undercutting, Type II	4	Cyd	\$30.00	\$120.00	\$99.00	\$396.00	\$33.00	\$132.00	\$30.00	\$120.00
290	Earthwork	1	LSUM	\$9,000.00	\$9,000.00	\$10,000.00	\$10,000.00	\$1,950.00	\$1,950.00	\$20,000.00	\$20,000.00
291	Erosion Control, Inlet Protection, Fabric Drop	1	Ea	\$150.00	\$150.00	\$110.00	\$110.00	\$150.00	\$150.00	\$100.00	\$100.00
292	Audio-Video Route Survey	1	LSUM	\$1,200.00	\$1,200.00	\$440.00	\$440.00	\$750.00	\$750.00	\$750.00	\$750.00
293	Aggregate Base, 21AA, 4 inch	175	Syd	\$24.00	\$4,200.00	\$13.00	\$2,275.00	\$18.00	\$3,150.00	\$17.00	\$2,975.00
294	Aggregate Base, 21AA, 6 inch	15	Syd	\$24.00	\$360.00	\$20.00	\$300.00	\$20.00	\$300.00	\$25.00	\$375.00
295	Driveway, Nonreinf Conc, 8 inch	78	Syd	\$52.00	\$4,056.00	\$61.00	\$4,758.00	\$80.00	\$6,240.00	\$58.00	\$4,524.00
296	Curb and Gutter, Conc, Det B2	25	Ft	\$35.00	\$875.00	\$39.00	\$975.00	\$38.00	\$950.00	\$37.00	\$925.00
297	Sidewalk Ramp, Conc, 6 inch	176	Sft	\$6.00	\$1,056.00	\$11.00	\$1,936.00	\$12.00	\$2,112.00	\$11.00	\$1,936.00
298	Sidewalk, Conc, 4 inch	952	Sft	\$5.00	\$4,760.00	\$6.00	\$5,712.00	\$7.00	\$6,664.00	\$6.00	\$5,712.00
299	Curb Ramp Opening, Conc	30	Ft	\$20.00	\$600.00	\$38.00	\$1,140.00	\$38.00	\$1,140.00	\$37.00	\$1,110.00
300	Traffic Maintenance and Control	1	LSUM	\$6,000.00	\$6,000.00	\$2,420.00	\$2,420.00	\$1,800.00	\$1,800.00	\$1,500.00	\$1,500.00
301	Irrigation Repairs	1	LSUM	\$800.00	\$800.00	\$550.00	\$550.00	\$500.00	\$500.00	\$250.00	\$250.00
302	Restoration	1	LSUM	\$1,000.00	\$1,000.00	\$2,640.00	\$2,640.00	\$1,270.00	\$1,270.00	\$1,500.00	\$1,500.00
303	Crew Days	\$ 700	Cday	11.00	\$7,700.00	8.00	\$5,600.00	7.00	\$4,900.00	4.00	\$2,800.00
304	Contingency Allowance	1	LSUM	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
305	Permit Allowance	1	LSUM	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
SUBTOTAL Division 9:					<b>\$48,077.00</b> <sup>2</sup>		<b>\$43,976.00</b>		<b>\$36,708.00</b>		<b>\$49,877.00</b> <sup>2</sup>
<b>TOTAL FOR Divisions 1, 2, 3, 4, 5, 6, 7, 8 and 9:</b>					<b>\$915,527.40</b> <sup>2</sup>		<b>\$1,089,475.13</b>		<b>\$1,107,557.00</b> <sup>2</sup>		<b>\$1,137,451.00</b> <sup>2</sup>

CORRECTIONS

<sup>1</sup> Amount adjusted to reflect bidder's multiplication/rounding error

<sup>2</sup> Total adjusted to reflect bidder's addition errors

**BID**  
for  
**2020 Pathway Gap and ADA Compliance Program**

Bid of Merlo Construction Co, 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 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>6/30/20</u>
<u>2</u>	<u>7/9/20</u>
<u>3</u>	<u>7/16/20</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.	Item Description	Qty	Unit	Unit Price	Total Price
<b>CATEGORY 1 - Segment 43 - Wixom</b>					
1	Mobilization, Max 5%	1.00	LSUM	\$ <u>3500.00</u>	\$ <u>3500.00</u>
2	Tree, Rem, 6 inch to 18 inch	3.00	Ea	\$ <u>600.00</u>	\$ <u>1,800</u>
3	Curb and Gutter, Rem	22.00	Ft	\$ <u>17</u>	\$ <u>374</u>
4	Pavt, Rem	80.00	Syd	\$ <u>18</u>	\$ <u>1,440</u>
5	Sidewalk, Rem	31.00	Syd	\$ <u>15</u>	\$ <u>465</u>



6	Rock, Relocate	8.00	Ea	\$	<u>50</u>	\$	<u>400</u>
7	Granular Material, CI II	80.00	Cyd	\$	<u>26</u>	\$	<u>2,080</u>
8	Subgrade Undercutting, Type II	10.00	Cyd	\$	<u>36</u>	\$	<u>360</u>
9	Ditch Grading	143.00	Ft	\$	<u>32</u>	\$	<u>4,576</u>
10	Clearing	180.00	Syd	\$	<u>10</u>	\$	<u>1,800</u>
11	Earthwork	1.00	LSUM	\$	<u>4,000</u>	\$	<u>4,000</u>
12	Erosion Control, Inlet Protection, Fabric Drop	1.00	Ea	\$	<u>150</u>	\$	<u>150</u>
13	Erosion Control, Silt Fence	184.00	Ft	\$	<u>2.50</u>	\$	<u>460</u>
14	Audio-Video Route Survey	1.00	LSUM	\$	<u>725</u>	\$	<u>725</u>
15	Aggregate Base, 21AA, 6 inch	74.00	Syd	\$	<u>14</u>	\$	<u>1,036</u>
16	Aggregate Base, 21AA, 4 inch	183.00	Syd	\$	<u>12</u>	\$	<u>2,196</u>
17	Maintenance Aggregate	63.00	Ton	\$	<u>20</u>	\$	<u>1,260</u>
18	Sewer, CI IV, 12 inch, Tr Det A	30.00	Ft	\$	<u>150</u>	\$	<u>4,500</u>
19	Sewer, CI IV, 12 inch, Tr Det B	20.00	Ft	\$	<u>200</u>	\$	<u>4,000</u>
20	Sanitary Manhole Cover, Adj	1.00	Ea	\$	<u>650</u>	\$	<u>650</u>
21	Dr Structure, 24 inch dia	1.00	Ea	\$	<u>1,200</u>	\$	<u>1,200</u>
22	Dr Structure, Tap, 12 inch	1.00	Ea	\$	<u>450</u>	\$	<u>450</u>
23	HMA, Hand Patching	3.00	Ton	\$	<u>300</u>	\$	<u>900</u>
24	HMA, Driveway, 13A, 3 inch	24.00	Ton	\$	<u>200</u>	\$	<u>4,800</u>
25	Curb and Gutter, Conc, Det F4	22.00	Ft	\$	<u>26</u>	\$	<u>572</u>
26	Sidewalk, Conc, 4 inch	1254.00	Sft	\$	<u>5</u>	\$	<u><del>6,270</del> 6,270 KE</u>
27	Sidewalk, Conc, 6 inch	192.00	Sft	\$	<u>6</u>	\$	<u>1,152</u>
28	Traffic Maintenance and Control	1.00	LSUM	\$	<u>7,000</u>	\$	<u>7,000</u>
29	Irrigation Repairs	1.00	LSUM	\$	<u>800</u>	\$	<u>800</u>
30	Restoration	1.00	LSUM	\$	<u>1,275</u>	\$	<u>1,275</u>
31	Crew Days	<u>11</u>	Cday	\$	<u>700</u>	\$	<u>7,700</u>
32	Contingency Allowance	1.00	LSUM	\$	<u>3000</u>	\$	<u>3000</u>
33	Permit Allowance	1.00	LSUM	\$	<u>750</u>	\$	<u>750</u>



**SUBTOTAL FOR CATEGORY 1 - Segment 43 - Wixom (Items 1-33)  
Road**

\$ 70,641.00

**CATEGORY 2 - Segment 39 - Beck**

34	Mobilization, Max 5%	1.00	LSUM	\$	<u>3500.00</u>	\$	<u>3500.00</u>
35	Tree, Rem, 19 inch to 36 inch	1.00	Ea	\$	<u>2,500</u>	\$	<u>2,500</u>
36	Tree, Rem, 6 inch to 18 inch	1.00	Ea	\$	<u>450</u>	\$	<u>450</u>
37	Curb and Gutter, Rem	53.00	Ft	\$	<u>17</u>	\$	<u>901</u>
38	Pavt, Rem	14.00	Syd	\$	<u>18</u>	\$	<u>252</u>
39	Sidewalk, Rem	89.00	Syd	\$	<u>15</u>	\$	<u>1,335</u>
40	Granular Material, CI II	50.00	Cyd	\$	<u>26</u>	\$	<u>1,300</u>
41	Subgrade Undercutting, Type II	10.00	Cyd	\$	<u>36</u>	\$	<u>360</u>
42	Ditch Grading	286.00	Ft	\$	<u>32</u>	\$	<u>9,152</u>
43	Clearing	267.00	Syd	\$	<u>8</u>	\$	<u>2,136</u>
44	Earthwork	1.00	LSUM	\$	<u>8,000</u>	\$	<u>8,000</u>
45	Erosion Control, Check Dam, Stone	14.00	Ft	\$	<u>2</u>	\$	<u>14</u>
46	Erosion Control, Silt Fence	429.00	Ft	\$	<u>2.50</u>	\$	<u>1,072</u>
47	Audio-Video Route Survey	1.00	LSUM	\$	<u>825</u>	\$	<u>825</u>
48	Aggregate Base, 21AA, 6 inch	46.00	Syd	\$	<u>14</u>	\$	<u>644</u>
49	Aggregate Base, 21AA, 4 inch	516.00	Syd	\$	<u>12</u>	\$	<u>6,192</u>
50	Maintenance Aggregate	6.00	Ton	\$	<u>20</u>	\$	<u>120</u>
51	Culvert, HP Storm, 12 inch	40.00	Ft	\$	<u>85</u>	\$	<u>3,400</u>
52	Culv End Sect, 12 inch	3.00	Ea	\$	<u>300</u>	\$	<u>900</u>
53	Sewer, CI II, 12 inch, Tr Det A	4.00	Ft	\$	<u>150</u>	\$	<u>600</u>
54	Sanitary Manhole Cover, Adj	1.00	Ea	\$	<u>650</u>	\$	<u>650</u>
55	Dr Structure, Adj, Add Depth	4.00	Ft	\$	<u>85</u>	\$	<u>340</u>
56	HMA, Driveway, 13A, 3 inch	8.00	Ton	\$	<u>400</u>	\$	<u>3,200</u>
57	Curb and Gutter, Conc, Det F4	286.00	Ft	\$	<u>26</u>	\$	<u>7,436</u>
58	Sidewalk, Conc, 4 inch	3603.00	Sft	\$	<u>5</u>	\$	<u>18,015</u>



59	Sidewalk, Conc, 6 inch	88.00	Sft	\$	<u>6</u>	\$	<u>528</u>
60	Curb Ramp Opening, Conc	12.00	Ft	\$	<u>20</u>	\$	<u>240</u>
61	Traffic Maintenance and Control	1.00	LSUM	\$	<u>7,000</u>	\$	<u>7,000</u>
62	Irrigation Repairs	1.00	LSUM	\$	<u>700</u>	\$	<u>700</u>
63	Restoration	1.00	LSUM	\$	<u>2,050</u>	\$	<u>2,050</u>
64	Crew Days	<u>13</u>	Cday	\$	<u>700</u>	\$	<u>9,100</u>
65	Contingency Allowance	1.00	LSUM	\$	<u>3000</u>	\$	<u>3000</u>
66	Permit Allowance	1.00	LSUM	\$	<u>750</u>	\$	<u>750</u>

**SUBTOTAL FOR CATEGORY 2 - Segment 39 - Beck Road (Items 34-66)** **\$ 96,662.00**

**CATEGORY 3 - Segment 120A - Haggerty (8 Mile to Orchard Hill)**

67	Mobilization, Max 5%	1.00	LSUM	\$	<u>4200.00</u>	\$	<u>4200.00</u>
68	Curb and Gutter, Rem	73.00	Ft	\$	<u>17</u>	\$	<u>1241</u>
69	Pavt, Rem	233.00	Syd	\$	<u>18</u>	\$	<u>4,194</u>
70	Sidewalk, Rem	25.00	Syd	\$	<u>15</u>	\$	<u>375</u>
71	Granular Material, CI II	110.00	Cyd	\$	<u>26</u>	\$	<u>2,860</u>
72	Subgrade Undercutting, Type II	29.00	Cyd	\$	<u>36</u>	\$	<u>1,044</u>
73	Earthwork	1.00	LSUM	\$	<u>13,500</u>	\$	<u>13,500</u>
74	Erosion Control, Inlet Protection, Fabric Drop	6.00	Ea	\$	<u>150</u>	\$	<u>900</u>
75	Erosion Control, Silt Fence	712.00	Ft	\$	<u>2.50</u>	\$	<u>1,780</u>
76	Audio-Video Route Survey	1.00	LSUM	\$	<u>1,025</u>	\$	<u>1,025</u>
77	Aggregate Base, 21AA, 6 inch	570.00	Syd	\$	<u>14</u>	\$	<u>7,980</u>
78	Aggregate Base, 21AA, 8 inch	9.00	Syd	\$	<u>20</u>	\$	<u>180</u>
79	Aggregate Base, 21AA, 4 inch	321.00	Syd	\$	<u>12</u>	\$	<u>3,852</u>
80	Maintenance Aggregate	17.00	Ton	\$	<u>20</u>	\$	<u>340</u>
81	HMA, 5E3, 2 inch, Driveway	321.00	Syd	\$	<u>23</u>	\$	<u>7,383</u>
82	HMA, 4C, 2.5 inch, Driveway	321.00	Syd	\$	<u>25</u>	\$	<u>8025</u>
83	HMA, 3C, 2.5 inch, Driveway	321.00	Syd	\$	<u>20</u>	\$	<u>6420</u>



84	HMA, Hand Patching	1.00	Ton	\$	<u>250</u>	\$	<u>250</u>
85	Modular Block Retaining Wall	228.00	Sft	\$	<u>46</u>	\$	<u>10,488</u>
86	Curb and Gutter, Conc, Det F4	35.00	Ft	\$	<u>26</u>	\$	<u>910</u>
87	Detectable Warning Surface	25.00	Ft	\$	<u>38</u>	\$	<u>950</u>
88	Sidewalk Ramp, Conc, 6 inch	238.00	Sft	\$	<u>6</u>	\$	<u>1,428</u>
89	Sidewalk, Conc, 4 inch	5029.00	Sft	\$	<u>5</u>	\$	<u>25,145</u>
90	Sidewalk, Conc, 8 inch	264.00	Sft	\$	<u>8</u>	\$	<u>2,112</u>
91	Curb Ramp Opening, Conc	40.00	Ft	\$	<u>20</u>	\$	<u>800</u>
92	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	188.00	Ft	\$	<u>4</u>	\$	<u>752</u>
93	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	23.00	Ft	\$	<u>9</u>	\$	<u>207</u>
94	Traffic Maintenance and Control Remove, Salvage and Replace	1.00	LSUM	\$	<u>7,000</u>	\$	<u>7,000</u>
95	Landscaping	1.00	LSUM	\$	<u>550</u>	\$	<u>550</u>
96	Pushbutton, Rem	6.00	Ea	\$	<u>178</u>	\$	<u>1,068</u>
97	TS, Pedestrian, Bracket Arm Mtd, Rem	3.00	Ea	\$	<u>354</u>	\$	<u>1,062</u>
98	TS, Pedestrian, Pedestal Mtd, Rem	1.00	Ea	\$	<u>354</u>	\$	<u>354</u>
99	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	2.00	Ea	\$	<u>1,246</u>	\$	<u>2,492</u>
100	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	1.00	Ea	\$	<u>1,563</u>	\$	<u>1,563</u>
101	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	1.00	Ea	\$	<u>1,668</u>	\$	<u>1,668</u>
102	TS Face, Bag	5.00	Ea	\$	<u>75</u>	\$	<u>375</u>
103	TS Face, Bag, Rem	5.00	Ea	\$	<u>75</u>	\$	<u>375</u>
104	Gate Well Cover, Adjust	1.00	Ea	\$	<u>425</u>	\$	<u>425</u>
105	Irrigation Repairs	1.00	LSUM	\$	<u>900</u>	\$	<u>900</u>
106	Restoration	1.00	LSUM	\$	<u>4,500</u>	\$	<u>4,500</u>
107	Crew Days	<u>16</u>	Cday	\$	<u>700</u>	\$	<u>11,200</u>
108	Contingency Allowance	1.00	LSUM	\$	<u>8666</u>	\$	<u>8666</u>
109	Permit Allowance	1.00	LSUM	\$	<u>2166</u>	\$	<u>2166</u>



**SUBTOTAL FOR CATEGORY 3 - Segment 120A -  
Haggerty (8 Mile to Orchard Hill)**

(Items 67-109)

\$ 142,625.00**CATEGORY 4 - Segment 120B - Haggerty (Orchard  
Hill to High Pointe)**

110	Mobilization, Max 5%	1.00	LSUM	\$	<u>6600.00</u>	\$	<u>6600.00</u>
111	Tree, Rem, 6 inch to 18 inch	1.00	Ea	\$	<u>600</u>	\$	<u>600</u>
112	Curb and Gutter, Rem	64.00	Ft	\$	<u>17</u>	\$	<u>1088</u>
113	Sidewalk, Rem	28.00	Syd	\$	<u>15</u>	\$	<u>420</u>
114	Granular Material, CI II	60.00	Cyd	\$	<u>26</u>	\$	<u>1,560</u>
115	Subgrade Undercutting, Type II	29.00	Cyd	\$	<u>36</u>	\$	<u>1,044</u>
116	Earthwork	1.00	LSUM	\$	<u>13,500</u>	\$	<u>13,500</u>
117	Erosion Control, Inlet Protection, Fabric Drop	3.00	Ea	\$	<u>150</u>	\$	<u>450</u>
118	Erosion Control, Silt Fence	208.00	Ft	\$	<u>2.50</u>	\$	<u>520</u>
119	Audio-Video Route Survey	1.00	LSUM	\$	<u>1,025</u>	\$	<u>1,025</u>
120	Aggregate Base, 21AA, 6 inch	7.00	Syd	\$	<u>14</u>	\$	<u>98</u>
121	Aggregate Base, 21AA, 4 inch	643.00	Syd	\$	<u>12</u>	\$	<u>7,716</u>
122	Maintenance Aggregate	17.00	Ton	\$	<u>20</u>	\$	<u>340</u>
123	Dr Structure Cover, Adj, Case 2	1.00	Ea	\$	<u>400</u>	\$	<u>400</u>
124	Utility Structure Cover, Adj	1.00	Ea	\$	<u>400</u>	\$	<u>400</u>
125	HMA, Hand Patching	3.00	Ton	\$	<u>350</u>	\$	<u>1,050</u>
126	Modular Block Retaining Wall	936.00	Sft	\$	<u>46</u>	\$	<u>43,056</u>
127	Curb and Gutter, Conc, Det F4	6.00	Ft	\$	<u>26</u>	\$	<u>156</u>
128	Detectable Warning Surface	39.00	Ft	\$	<u>38</u>	\$	<u>1,482</u>
129	Sidewalk Ramp, Conc, 6 inch	234.00	Sft	\$	<u>6</u>	\$	<u>1,404</u>
130	Sidewalk, Conc, 4 inch	5547.00	Sft	\$	<u>5</u>	\$	<u>27,735</u>
131	Curb Ramp Opening, Conc	56.00	Ft	\$	<u>20</u>	\$	<u>1,120</u>
132	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	217.00	Ft	\$	<u>4</u>	\$	<u>868</u>
133	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	22.00	Ft	\$	<u>9</u>	\$	<u>198</u>



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134	Traffic Maintenance and Control	1.00	LSUM	\$	<u>7,000</u>	\$	<u>7,000</u>
135	Planting Mix, 12" depth	13.00	Cyd	\$	<u>80</u>	\$	<u>1,040</u>
136	Double Shredded Hardwood Bark Mulch, 3" depth	4.00	Cyd	\$	<u>75</u>	\$	<u>300</u>
137	Hypericum prolificum, #1 cont.	31.00	Ea	\$	<u>45</u>	\$	<u>1,395</u>
138	Rosa x 'NOA97400A', #3 cont.	20.00	Ea	\$	<u>45</u>	\$	<u>900</u>
139	Schizachyrium scoparium 'The Blues', #3 cont.	36.00	Ea	\$	<u>45</u>	\$	<u>1,620</u>
140	Remove, Salvage and Replace Landscaping	1.00	LSUM	\$	<u>3,500</u>	\$	<u>3,500</u>
141	Watering & Cultivation, 1st Season, Modified	1.00	LSUM	\$	<u>10,000.00</u>	\$	<u>10,000.00</u>
142	Watering & Cultivation, 2nd Season, Modified	1.00	LSUM	\$	<u>15,000.00</u>	\$	<u>15,000.00</u>
143	Conduit, DB, 1, 1 1/4 inch	75.00	Ft	\$	<u>18</u>	\$	<u>1,350</u>
144	Pushbutton and Sign	4.00	Ea	\$	<u>448</u>	\$	<u>1,792</u>
145	Pushbutton, Rem	6.00	Ea	\$	<u>178</u>	\$	<u>1,068</u>
146	TS, Pedestrian, Bracket Arm Mtd, Rem	1.00	Ea	\$	<u>354</u>	\$	<u>354</u>
147	TS, Pedestrian, Pedestal Mtd, Rem	2.00	Ea	\$	<u>354</u>	\$	<u>708</u>
148	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	1.00	Ea	\$	<u>1,246</u>	\$	<u>1,246</u>
149	TS Face, Bag	5.00	Ea	\$	<u>75</u>	\$	<u>375</u>
150	TS Face, Bag, Rem	5.00	Ea	\$	<u>75</u>	\$	<u>375</u>
151	Pushbutton Support Post, RCOC	4.00	Ea	\$	<u>1,165</u>	\$	<del>9,660</del> <u>4,660 KE</u>
152	Irrigation Repairs	1.00	LSUM	\$	<u>1,100</u>	\$	<u>1,100</u>
153	Restoration	1.00	LSUM	\$	<u>2,525</u>	\$	<u>2,525</u>
154	Crew Days	<u>18</u>	Cday	\$	700	\$	<u>12,600</u>
155	Contingency Allowance	1.00	LSUM	\$	8666	\$	8666
156	Permit Allowance	1.00	LSUM	\$	2166	\$	2166

**SUBTOTAL FOR CATEGORY 4 - Segment 120B - Haggerty (Orchard Hill to High Pointe)**

**(Items 110-156)**

\$ ~~192,510.00~~ 192,510.00



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**CATEGORY 5 - Segment 120C - Haggerty (High Pointe to 9 Mile)**

157	Mobilization, Max 5%	1.00	LSUM	\$	<u>4200.00</u>	\$	<u>4200.00</u>
158	Tree, Rem, 19 inch to 36 inch	4.00	Ea	\$	<u>1,075</u>	\$	<u>4,300</u>
159	Curb and Gutter, Rem	16.00	Ft	\$	<u>17</u>	\$	<u>272</u>
160	Pavt, Rem	179.00	Syd	\$	<u>18</u>	\$	<u>3,222</u>
161	Sidewalk, Rem	72.00	Syd	\$	<u>15</u>	\$	<u>1,080</u>
162	Granular Material, CI II	70.00	Cyd	\$	<u>26</u>	\$	<u>1,826</u>
163	Subgrade Undercutting, Type II	29.00	Cyd	\$	<u>36</u>	\$	<u>1,044</u>
164	Ditch Grading	281.00	Ft	\$	<u>32</u>	\$	<u>8,992</u>
165	Clearing	1148.00	Syd	\$	<u>19.30</u>	\$	<u>21,008.40</u>
166	Earthwork	1.00	LSUM	\$	<u>6,000</u>	\$	<u>6,000</u>
167	Erosion Control, Inlet Protection, Fabric Drop	1.00	Ea	\$	<u>150</u>	\$	<u>150</u>
168	Audio-Video Route Survey	1.00	LSUM	\$	<u>1,025</u>	\$	<u>1,025</u>
169	Aggregate Base, 21AA, 6 inch	79.00	Syd	\$	<u>14</u>	\$	<u>1,106</u>
170	Aggregate Base, 21AA, 8 inch	89.00	Syd	\$	<u>20</u>	\$	<u>1,780</u>
171	Aggregate Base, 21AA, 4 inch	203.00	Syd	\$	<u>12</u>	\$	<u>2,436</u>
172	Maintenance Aggregate	17.00	Ton	\$	<u>20</u>	\$	<u>340</u>
173	Dr Structure Cover	1.00	Ea	\$	<u>550</u>	\$	<u>550</u>
174	HMA, 5E3, 2 inch, Driveway	89.00	Syd	\$	<u>35</u>	\$	<u>3,115</u>
175	HMA, 4C, 2.5 inch, Driveway	89.00	Syd	\$	<u>35</u>	\$	<u>3,115</u>
176	HMA, 3C, 2.5 inch, Driveway	89.00	Syd	\$	<u>35</u>	\$	<u>3,115</u>
177	HMA, Driveway, 13A, 3 inch	30.00	Ton	\$	<u>175</u>	\$	<u>5250</u>
178	Detectable Warning Surface	10.00	Ft	\$	<u>38</u>	\$	<u>380</u>
179	Sidewalk Ramp, Conc, 6 inch	160.00	Sft	\$	<u>6</u>	\$	<u>960</u>
180	Sidewalk, Conc, 4 inch	1542.00	Sft	\$	<u>5</u>	\$	<u>7,710</u>
181	Sidewalk, Conc, 6 inch	117.00	Sft	\$	<u>6</u>	\$	<u>702</u>
182	Curb Ramp Opening, Conc	16.00	Ft	\$	<u>20</u>	\$	<u>320</u>



183	Traffic Maintenance and Control	1.00	LSUM	\$	<u>6,500</u>	\$	<u>6,500</u>
	Remove, Salvage and Replace						
184	Landscaping	1.00	LSUM	\$	<u>4,500.00</u>	\$	<u>4,500.00</u>
185	Irrigation Repairs	1.00	LSUM	\$	<u>750</u>	\$	<u>750</u>
186	Restoration	1.00	LSUM	\$	<u>3,100</u>	\$	<u>3,100</u>
187	Crew Days	<u>14</u>	Cday	\$	<u>700</u>	\$	<u>9,800</u>
188	Contingency Allowance	1.00	LSUM	\$	<u>8666</u>	\$	<u>8666</u>
189	Permit Allowance	1.00	LSUM	\$	<u>2166</u>	\$	<u>2166</u>

**SUBTOTAL FOR CATEGORY 5 - Segment 120C - Haggerty (High Pointe to 9 Mile)**

(Items 157-189)

\$ 112,934.40

**CATEGORY 6 - Grand River ADA Improvements**

190	Mobilization, Max 5%	1.00	LSUM	\$	<u>4,000.00</u>	\$	<u>4,000.00</u>
191	Curb and Gutter, Rem	181.00	Ft	\$	<u>17</u>	\$	<u>3,077</u>
192	Sidewalk, Rem	264.00	Syd	\$	<u>15</u>	\$	<u>3,960</u>
193	Granular Material, CI II	40.00	Cyd	\$	<u>26</u>	\$	<u>1,040</u>
194	Subgrade Undercutting, Type II	19.00	Cyd	\$	<u>36</u>	\$	<u>684</u>
195	Earthwork	1.00	LSUM	\$	<u>3,500</u>	\$	<u>3,500</u>
	Erosion Control, Inlet Protection, Fabric Drop						
196		2.00	Ea	\$	<u>150</u>	\$	<u>300</u>
197	Audio-Video Route Survey	1.00	LSUM	\$	<u>1,025</u>	\$	<u>1,025</u>
198	Aggregate Base, 21AA, 6 inch	20.00	Syd	\$	<u>14</u>	\$	<u>280</u>
199	Aggregate Base, 21AA, 4 inch	290.00	Syd	\$	<u>12</u>	\$	<u>3,480</u>
200	Maintenance Aggregate	2.00	Ton	\$	<u>20</u>	\$	<u>40</u>
201	Utility Structure Cover, Adj	5.00	Ea	\$	<u>400</u>	\$	<u>2,000</u>
202	Curb and Gutter, Conc, Det F3	30.00	Ft	\$	<u>26</u>	\$	<u>780</u>
203	Detectable Warning Surface	97.00	Ft	\$	<u>38</u>	\$	<u>3,686</u>
204	Sidewalk Ramp, Conc, 6 inch	1266.00	Sft	\$	<u>6</u>	\$	<u>7,596</u>
205	Sidewalk, Conc, 4 inch	1077.00	Sft	\$	<u>5</u>	\$	<u>5,385</u>
206	Curb Ramp Opening, Conc	289.00	Ft	\$	<u>20</u>	\$	<u>5,780</u>



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207	Sign, Type II, Temp	1.00	Ea	\$	<u>200</u>	\$	<u>200</u>
208	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	904.00	Ft	\$	<u>2.50</u>	\$	<u>2,260</u>
209	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	290.00	Ft	\$	<u>7</u>	\$	<u>2,030</u>
210	Rem Spec Mrkg	877.00	Sft	\$	<u>3</u>	\$	<u>2,631</u>
211	Traffic Maintenance and Control	1.00	LSUM	\$	<u>6,500</u>	\$	<u>6,500</u>
212	Conduit, DB, 1, 1 1/4 inch	135.00	Ft	\$	<u>18</u>	\$	<u>2,430</u>
213	Conduit, DB, 1, 3 inch	20.00	Ft	\$	<u>25</u>	\$	<u>500</u>
214	Hh, Adj	1.00	Ea	\$	<u>875</u>	\$	<u>875</u>
215	Pedestal, Alum	1.00	Ea	\$	<u>922</u>	\$	<u>922</u>
216	Pedestal, Fdn	1.00	Ea	\$	<u>1,211</u>	\$	<u>1,211</u>
217	Pedestal Fdn, Rem	1.00	Ea	\$	<u>647</u>	\$	<u>647</u>
218	Pushbutton and Sign	10.00	Ea	\$	<u>448</u>	\$	<u>4,480</u>
219	Pushbutton, Rem	12.00	Ea	\$	<u>178</u>	\$	<u>2,136</u>
220	Pushbutton Pedestal, Rem	1.00	Ea	\$	<u>354</u>	\$	<u>354</u>
221	TS, Pedestrian, Bracket Arm Mtd, Rem	7.00	Ea	\$	<u>354</u>	\$	<u>2,478</u>
222	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	3.00	Ea	\$	<u>1,246</u>	\$	<u>378</u>
223	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	4.00	Ea	\$	<u>1,563</u>	\$	<u>6,252</u>
224	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	1.00	Ea	\$	<u>1,288</u>	\$	<u>1,288</u>
225	TS Face, Bag	10.00	Ea	\$	<u>75</u>	\$	<u>750</u>
226	TS Face, Bag, Rem	10.00	Ea	\$	<u>75</u>	\$	<u>750</u>
227	Pushbutton Support Post, RCOC	7.00	Ea	\$	<u>1,165</u>	\$	<u>8,155</u>
228	Irrigation Repairs	1.00	LSUM	\$	<u>600</u>	\$	<u>600</u>
229	Restoration	1.00	LSUM	\$	<u>700</u>	\$	<u>700</u>
230	Crew Days	<u>22</u>	Cday	\$	700	\$	<del>15,400</del> <u>15,400</u> <b>KF</b>
231	Contingency Allowance	1.00	LSUM	\$	5000	\$	5000
232	Permit Allowance	1.00	LSUM	\$	1250	\$	1250

(Items 190-232)

SUBTOTAL FOR CATEGORY 6 - Grand River ADA Improvements

\$ 114,790.00



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**CATEGORY 7 - 11 Mile at Clark Street**

233	Mobilization, Max 5%	1.00	LSUM	\$	<u>2800.00</u>	\$	<u>2800.00</u>
234	Tree, Rem, 6 inch to 18 inch	1.00	Ea	\$	<u>600</u>	\$	<u>600</u>
235	Curb and Gutter, Rem	8.00	Ft	\$	<u>17</u>	\$	<u>136</u>
236	Pavt, Rem	82.00	Syd	\$	<u>18</u>	\$	<u>1,476</u>
237	Granular Material, CI II	30.00	Cyd	\$	<u>26</u>	\$	<u>780</u>
238	Subgrade Undercutting, Type II	7.00	Cyd	\$	<u>36</u>	\$	<u>252</u>
239	Ditch Grading	30.00	Ft	\$	<u>32</u>	\$	<u>960</u>
240	Earthwork	1.00	LSUM	\$	<u>5,500</u>	\$	<u>5,500</u>
241	Erosion Control, Inlet Protection, Fabric Drop	1.00	Ea	\$	<u>150</u>	\$	<u>150</u>
242	Audio-Video Route Survey	1.00	LSUM	\$	<u>725</u>	\$	<u>725</u>
243	Aggregate Base, 21AA, 4 inch	138.00	Syd	\$	<u>12</u>	\$	<u>1,656</u>
244	Aggregate Base, 21AA, 6 inch	83.00	Syd	\$	<u>14</u>	\$	<u>1,162</u>
245	HMA, Driveway, 13A, 3 inch	82.00	Syd	\$	<u>75</u>	\$	<u>6,150</u>
246	HMA, Hand Patching	0.50	Ton	\$	<u>300</u>	\$	<u>150</u>
247	Detectable Warning Surface	5.00	Ft	\$	<u>38</u>	\$	<u>190</u>
248	Sidewalk Ramp, Conc, 6 inch	42.00	Sft	\$	<u>6</u>	\$	<u>252</u>
249	Sidewalk, Conc, 4 inch	1111.00	Sft	\$	<u>5</u>	\$	<u>5,555</u>
250	Sidewalk, Conc, 6 inch	85.00	Sft	\$	<u>6</u>	\$	<u>510</u>
251	Curb Ramp Opening, Conc	8.00	Ft	\$	<u>20</u>	\$	<u>160</u>
252	Traffic Maintenance and Control	1.00	LSUM	\$	<u>6,500</u>	\$	<u>6,500</u>
253	Irrigation Repairs	1.00	LSUM	\$	<u>500</u>	\$	<u>500</u>
254	Restoration	1.00	LSUM	\$	<u>1,075</u>	\$	<u>1,075</u>
255	Crew Days	<u>14</u>	Cday	\$	<u>700</u>	\$	<u>9,100</u>
256	Contingency Allowance	1.00	LSUM	\$	<u>2000</u>	\$	<u>2000</u>
257	Permit Allowance	1.00	LSUM	\$	<u>500</u>	\$	<u>500</u>

**SUBTOTAL FOR CATEGORY 7 - 11 Mile at Clark Street**

(Items 233-257)

\$ 48,839.00



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**CATEGORY 8 - Willowbrook Drive**

258	Mobilization, Max 5%	1.00	LSUM	\$	<u>2500.00</u>	\$	<u>2500.00</u>
259	Culv, End, Rem, Less than 24 inch	1.00	Ea	\$	<u>150</u>	\$	<u>150</u>
260	Curb and Gutter, Rem	14.00	Ft	\$	<u>17</u>	\$	<u>238</u>
261	Rock, Relocate	11.00	Ea	\$	<u>50</u>	\$	<u>550</u>
262	Sign, Relocate	2.00	Ea	\$	<u>400</u>	\$	<u>800</u>
263	Subgrade Undercutting, Type II	4.00	Cyd	\$	<u>36</u>	\$	<u>144</u>
264	Ditch Grading	100.00	Ft	\$	<u>32</u>	\$	<u>3,200</u>
265	Clearing	28.00	Syd	\$	<u>30</u>	\$	<u>840</u>
266	Earthwork	1.00	LSUM	\$	<u>5,000</u>	\$	<u>5,000</u>
267	Erosion Control, Inlet Protection, Fabric Drop	1.00	Ea	\$	<u>150</u>	\$	<u>150</u>
268	Audio-Video Route Survey	1.00	LSUM	\$	<u>700</u>	\$	<u>700</u>
269	Aggregate Base, 21AA, 4 inch	210.00	Syd	\$	<u>12</u>	\$	<u>2,520</u>
270	Aggregate Base, 21AA, 6 inch	21.00	Syd	\$	<u>14</u>	\$	<u>294</u>
271	HP Storm Drain Pipe, 12 inch	150.00	Ft	\$	<u>100</u>	\$	<u>15,000</u>
272	Dr Structure, 24 inch dia	1.00	Ea	\$	<u>1,200</u>	\$	<u>1,200</u>
273	Dr Structure, Tap, 12 inch	1.00	Ea	\$	<u>500</u>	\$	<u>500</u>
274	HMA, Hand Patching	2.00	Ton	\$	<u>350</u>	\$	<u>700</u>
275	Detectable Warning Surface	20.00	Ft	\$	<u>38</u>	\$	<u>760</u>
276	Sidewalk Ramp, Conc, 6 inch	160.00	Sft	\$	<u>6</u>	\$	<u>960</u>
277	Sidewalk, Conc, 4 inch	1386.00	Sft	\$	<u>5</u>	\$	<u>6,930</u>
278	Curb Ramp Opening, Conc	28.00	Ft	\$	<u>20</u>	\$	<u>560</u>
279	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	225.00	Ft	\$	<u>8.50</u>	\$	<u>1,912.50</u>
280	Traffic Maintenance and Control	1.00	LSUM	\$	<u>6,500</u>	\$	<u>6,500</u>
281	Irrigation Repairs	1.00	LSUM	\$	<u>500</u>	\$	<u>500</u>
282	Restoration	1.00	LSUM	\$	<u>1,750</u>	\$	<u>1,750</u>
283	Crew Days	<u>13</u>	Cday	\$	<u>700</u>	\$	<u>9,100</u>
284	Contingency Allowance	1.00	LSUM	\$	<u>1000</u>	\$	<u>1000</u>



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285	Permit Allowance	1.00	LSUM	\$	<u>250</u>	\$	<u>250</u>
<b>SUBTOTAL FOR CATEGORY 8 – Willowbrook Drive (Items 258-285)</b>						\$	<u>64,708.50</u>
<b>CATEGORY 9 - Grand River E of Olde Orchard Street</b>							
286	Mobilization, Max 5%	1.00	LSUM	\$	<u>2500.00</u>	\$	<u>2500.00</u>
287	Mailbox, Relocate	2.00	Ea	\$	<u>500.00</u>	\$	<u>1,000.00</u>
288	Rock, Relocate	2.00	Ea	\$	<u>100.00</u>	\$	<u>200.00</u>
289	Subgrade Undercutting, Type II	4.00	Cyd	\$	<u>30.00</u>	\$	<u>144.00</u>
290	Earthwork	1.00	LSUM	\$	<u>9000.00</u>	\$	<u>9000.00</u>
291	Erosion Control, Inlet Protection, Fabric Drop	1.00	Ea	\$	<u>150.00</u>	\$	<u>150.00</u>
292	Audio-Video Route Survey	1.00	LSUM	\$	<u>1200.00</u>	\$	<u>1200.00</u>
293	Aggregate Base, 21AA, 4 inch	175.00	Syd	\$	<u>24.00</u>	\$	<u>4200.00</u>
294	Aggregate Base, 21AA, 6 inch	15.00	Syd	\$	<u>24.00</u>	\$	<u>360.00</u>
295	Driveway, Nonreinf Conc, 8 inch	78.00	Syd	\$	<u>52.00</u>	\$	<u>4056.00</u>
296	Curb and Gutter, Conc, Det B2	25.00	Ft	\$	<u>35.00</u>	\$	<u>875.00</u>
297	Sidewalk Ramp, Conc, 6 inch	176.00	Sft	\$	<u>6.00</u>	\$	<u>1056.00</u>
298	Sidewalk, Conc, 4 inch	952.00	Sft	\$	<u>5.00</u>	\$	<u>4760.00</u>
299	Curb Ramp Opening, Conc	30.00	Ft	\$	<u>20.00</u>	\$	<u>600.00</u>
300	Traffic Maintenance and Control	1.00	LSUM	\$	<u>6000.00</u>	\$	<u>6000.00</u>
301	Irrigation Repairs	1.00	LSUM	\$	<u>800.00</u>	\$	<u>800.00</u>
302	Restoration	1.00	LSUM	\$	<u>1000.00</u>	\$	<u>1000.00</u>
303	Crew Days	<u>11</u>	Cday	\$	<u>700</u>	\$	<u><del>7700.00</del> 7700.00</u>
304	Contingency Allowance	1.00	LSUM	\$	<u>2000</u>	\$	<u>2000</u>
305	Permit Allowance	1.00	LSUM	\$	<u>500</u>	\$	<u>500</u>
<b>SUBTOTAL FOR CATEGORY 9 – Grand River E of Olde Orchard Street (Items 286-305)</b>						\$	<u>48,104.00</u>
<b>Total Bid Amount (Items 1-305):</b>					\$		<u>891,813.90</u>



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 by May 14, 2021, and to Final Completion, including restoration and all punch list items, by June 30, 2021.**

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 NINE hundred dollars (\$900.00) 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 3/13/2020  
Date\*

BY: Merlo Construction Co. Inc.  
Name of Bidder\*

4964 Technical Dr.  
Street\*

[Handwritten Signature]  
Signature

Milford, MI, 48381  
City, State, ZIP\*

Ray Merlo - CEO  
Name and Title of Signatory\*

248-640-2147  
Telephone Number\*

248-714-5249  
Facsimile Number\*

\*Typed or printed in ink.

