

Old Perch Reconstruction - Walton to Avon													
N. Adams Pathway - Powderhorn to Tienken													
ITB-RH-22-019													
				Asphalt Specialist		Angelo Iafrate Construction		Florence Cement Company		Pro-Line Asphalt Paving		Zito Construction Co.	
				Pontiac, MI 48340		Warren, MI 48091		Shelby Twp., MI 48315		Washington, MI 48095		Grand Blanc, MI 48439	
Old Perch Reconstruction - Walton to Avon -Part A													
Item	Description	Quantity	Unit of Measure	Unit Price	Ext. Cost	Unit Price	Ext. Cost	Unit Price	Ext. Cost	Unit Price	Ext. Cost	Unit Price	Ext. Cost
1	Mobilization, Max (5%)	1	Lump Sum	\$ 150,000.00	\$ 150,000.00	\$ 170,000.00	\$ 170,000.00	\$ 140,000.00	\$ 140,000.00	\$ 125,000.00	\$ 125,000.00	\$ 199,400.00	\$ 199,400.00
2	Audio Video Route Survey	1	Lump Sum	\$ 7,500.00	\$ 7,500.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,500.00	\$ 1,500.00	\$ 7,500.00	\$ 7,500.00
3	Dr Structure, Rem	1	Each	\$ 850.00	\$ 850.00	\$ 616.00	\$ 616.00	\$ 980.00	\$ 980.00	\$ 1,000.00	\$ 1,000.00	\$ 500.00	\$ 500.00
4	Sewer, Rem, Less than 24 inch, Mod	2,100	Foot	\$ 18.45	\$ 38,745.00	\$ 15.30	\$ 32,130.00	\$ 27.00	\$ 56,700.00	\$ 12.00	\$ 25,200.00	\$ 28.00	\$ 58,800.00
5	Sewer, Rem, 24 inch to 48 inch	75	Foot	\$ 24.60	\$ 1,845.00	\$ 38.90	\$ 2,917.50	\$ 32.00	\$ 2,400.00	\$ 50.00	\$ 3,750.00	\$ 36.00	\$ 2,700.00
6	Curb and Gutter, Rem	2,800	Foot	\$ 8.00	\$ 22,400.00	\$ 7.20	\$ 20,160.00	\$ 8.50	\$ 23,800.00	\$ 8.00	\$ 22,400.00	\$ 12.00	\$ 33,600.00
7	Pavt, Rem, Mod	31,000	Square Yard	\$ 4.50	\$ 139,500.00	\$ 4.40	\$ 136,400.00	\$ 3.50	\$ 108,500.00	\$ 4.00	\$ 124,000.00	\$ 16.50	\$ 511,500.00
8	Exploratory Investigation, Vertical	25	Foot	\$ 59.00	\$ 1,475.00	\$ 49.50	\$ 1,237.50	\$ 65.00	\$ 1,625.00	\$ 120.00	\$ 3,000.00	\$ 100.00	\$ 2,500.00
9	Ditch Cleanout, Mod	5,000	Foot	\$ 6.50	\$ 32,500.00	\$ 16.40	\$ 82,000.00	\$ 7.25	\$ 36,250.00	\$ 13.00	\$ 65,000.00	\$ 14.00	\$ 70,000.00
10	Machine Grading, Mod	58	Station	\$ 2,500.00	\$ 145,000.00	\$ 6,750.00	\$ 391,500.00	\$ 1,925.00	\$ 111,650.00	\$ 5,000.00	\$ 290,000.00	\$ 6,900.00	\$ 400,200.00
11	Subgrade Undercutting, Modified	400	Cubic Yard	\$ 70.00	\$ 28,000.00	\$ 68.00	\$ 27,200.00	\$ 70.00	\$ 28,000.00	\$ 10.00	\$ 4,000.00	\$ 84.00	\$ 33,600.00
12	Erosion Control, Aggregate Cover	50	Square Yard	\$ 80.00	\$ 4,000.00	\$ 72.70	\$ 3,635.00	\$ 85.00	\$ 4,250.00	\$ 50.00	\$ 2,500.00	\$ 165.00	\$ 8,250.00
13	Erosion Control, Inlet Protection, Fabric Drop	26	Each	\$ 200.00	\$ 5,200.00	\$ 117.00	\$ 3,042.00	\$ 125.00	\$ 3,250.00	\$ 100.00	\$ 2,600.00	\$ 95.00	\$ 2,470.00
14	Erosion Control, Silt Fence	9,500	Foot	\$ 2.00	\$ 19,000.00	\$ 2.35	\$ 22,325.00	\$ 1.29	\$ 12,255.00	\$ 2.00	\$ 19,000.00	\$ 3.00	\$ 28,500.00
15	Project Cleanup / Close Out	1	Lump Sum	\$ 20,000.00	\$ 20,000.00	\$ 11,260.00	\$ 11,260.00	\$ 45,000.00	\$ 45,000.00	\$ 12,000.00	\$ 12,000.00	\$ 2,500.00	\$ 2,500.00
16	Aggregate Base, 8 inch	26,500	Square Yard	\$ 9.00	\$ 238,500.00	\$ 14.30	\$ 378,950.00	\$ 13.50	\$ 357,750.00	\$ 12.00	\$ 318,000.00	\$ 18.00	\$ 477,000.00
17	Maintenance Gravel	300	Ton	\$ 1.00	\$ 300.00	\$ 31.65	\$ 9,495.00	\$ 50.00	\$ 15,000.00	\$ 40.00	\$ 12,000.00	\$ 45.00	\$ 13,500.00
18	Culv, Cl A, 12 inch, Mod	2,700	Foot	\$ 130.00	\$ 351,000.00	\$ 80.50	\$ 217,350.00	\$ 75.00	\$ 202,500.00	\$ 52.00	\$ 140,400.00	\$ 106.00	\$ 286,200.00
19	Culv, Cl A, 18 inch, Mod	500	Foot	\$ 170.00	\$ 85,000.00	\$ 94.50	\$ 47,250.00	\$ 80.00	\$ 40,000.00	\$ 71.00	\$ 35,500.00	\$ 122.00	\$ 61,000.00
20	Sewer, Cl IV, 12 inch, Tr Det X	250	Foot	\$ 150.00	\$ 37,500.00	\$ 70.00	\$ 17,500.00	\$ 55.00	\$ 13,750.00	\$ 100.00	\$ 25,000.00	\$ 114.00	\$ 28,500.00
21	Sewer, Cl IV, 24 inch, Tr Det X	80	Foot	\$ 170.00	\$ 13,600.00	\$ 139.00	\$ 11,120.00	\$ 100.00	\$ 8,000.00	\$ 150.00	\$ 12,000.00	\$ 148.00	\$ 11,840.00
22	Sewer Bulkhead, Mod	12	Each	\$ 1,800.00	\$ 21,600.00	\$ 286.00	\$ 3,432.00	\$ 290.00	\$ 3,480.00	\$ 150.00	\$ 1,800.00	\$ 850.00	\$ 10,200.00
23	Dr Structure Cover, Adj, Mod	20	Each	\$ 750.00	\$ 15,000.00	\$ 747.00	\$ 14,940.00	\$ 575.00	\$ 11,500.00	\$ 1,200.00	\$ 24,000.00	\$ 900.00	\$ 18,000.00
24	Dr Structure Cover, Mod	5,000	Pound	\$ 6.00	\$ 30,000.00	\$ 3.45	\$ 17,250.00	\$ 2.25	\$ 11,250.00	\$ 2.50	\$ 12,500.00	\$ 4.50	\$ 22,500.00
25	Dr Structure, 24 inch dia, Mod	2	Each	\$ 4,000.00	\$ 8,000.00	\$ 2,443.00	\$ 4,886.00	\$ 2,210.00	\$ 4,420.00	\$ 1,500.00	\$ 3,000.00	\$ 3,250.00	\$ 6,500.00
26	Dr Structure, 60 inch dia, Mod	2	Each	\$ 6,500.00	\$ 13,000.00	\$ 4,785.00	\$ 9,570.00	\$ 5,100.00	\$ 10,200.00	\$ 2,500.00	\$ 5,000.00	\$ 6,250.00	\$ 12,500.00
27	Dr Structure Adj Add Depth	25	Foot	\$ 90.00	\$ 2,250.00	\$ 223.00	\$ 5,575.00	\$ 200.00	\$ 5,000.00	\$ 200.00	\$ 5,000.00	\$ 250.00	\$ 6,250.00
28	Underdrain, Subgrade, Open-Graded, 6 inch,Mod	2,500	Foot	\$ 18.00	\$ 45,000.00	\$ 18.60	\$ 46,500.00	\$ 14.00	\$ 35,000.00	\$ 17.00	\$ 42,500.00	\$ 18.00	\$ 45,000.00
29	Pavt for Butt Joints, Rem	100	Square Yard	\$ 10.00	\$ 1,000.00	\$ 20.00	\$ 2,000.00	\$ 10.00	\$ 1,000.00	\$ 12.00	\$ 1,200.00	\$ 25.00	\$ 2,500.00
30	Hand Patching	75	Ton	\$ 150.00	\$ 11,250.00	\$ 233.00	\$ 17,475.00	\$ 165.00	\$ 12,375.00	\$ 150.00	\$ 11,250.00	\$ 250.00	\$ 18,750.00

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				Pontiac, MI 48340		Warren, MI 48091		Shelby Twp., MI 48315		Washington, MI 48095		Grand Blanc, MI 48439	
31	Circular Concrete Apron	6	Each	\$ 1,000.00	\$ 6,000.00	\$ 1,423.00	\$ 8,538.00	\$ 2,150.00	\$ 12,900.00	\$ 600.00	\$ 3,600.00	\$ 1,875.00	\$ 11,250.00
32	HMA Approach, Mod	1,800	Square Yard	\$ 70.00	\$ 126,000.00	\$ 77.90	\$ 140,220.00	\$ 58.80	\$ 105,840.00	\$ 70.00	\$ 126,000.00	\$ 93.00	\$ 167,400.00
33	HMA, 3EML	4,000	Ton	\$ 110.00	\$ 440,000.00	\$ 91.25	\$ 365,000.00	\$ 102.40	\$ 409,600.00	\$ 90.00	\$ 360,000.00	\$ 97.00	\$ 388,000.00
34	HMA, 4EML	3,100	Ton	\$ 120.00	\$ 372,000.00	\$ 96.15	\$ 298,065.00	\$ 110.00	\$ 341,000.00	\$ 95.00	\$ 294,500.00	\$ 102.00	\$ 316,200.00
35	HMA, 5EML	2,500	Ton	\$ 125.00	\$ 312,500.00	\$ 118.20	\$ 295,500.00	\$ 117.50	\$ 293,750.00	\$ 100.00	\$ 250,000.00	\$ 125.00	\$ 312,500.00
36	Driveway, Nonreinf Conc, 6 inch, Mod	350	Square Yard	\$ 90.00	\$ 31,500.00	\$ 71.20	\$ 24,920.00	\$ 77.50	\$ 27,125.00	\$ 60.00	\$ 21,000.00	\$ 80.00	\$ 28,000.00
37	Curb and Gutter, Conc, Det B2, Mod	3,500	Foot	\$ 27.00	\$ 94,500.00	\$ 29.20	\$ 102,200.00	\$ 29.75	\$ 104,125.00	\$ 22.50	\$ 78,750.00	\$ 33.00	\$ 115,500.00
38	Driveway Opening, Conc, Det M	350	Foot	\$ 30.00	\$ 10,500.00	\$ 29.70	\$ 10,395.00	\$ 25.00	\$ 8,750.00	\$ 25.00	\$ 8,750.00	\$ 35.00	\$ 12,250.00
39	Curb Ramp, Conc, 6 inch	3,900	Square Foot	\$ 13.00	\$ 50,700.00	\$ 12.70	\$ 49,530.00	\$ 15.00	\$ 58,500.00	\$ 10.00	\$ 39,000.00	\$ 20.00	\$ 78,000.00
40	Shared use Path, Grading, Mod	1,500	Foot	\$ 9.00	\$ 13,500.00	\$ 9.95	\$ 14,925.00	\$ 11.75	\$ 17,625.00	\$ 25.00	\$ 37,500.00	\$ 63.00	\$ 94,500.00
41	Shared Use Path, HMA, Mod	400	Square Yard	\$ 44.00	\$ 17,600.00	\$ 75.40	\$ 30,160.00	\$ 46.00	\$ 18,400.00	\$ 50.00	\$ 20,000.00	\$ 82.00	\$ 32,800.00
42	Shared Use Path, Conc, Modified	8,100	Square Foot	\$ 6.00	\$ 48,600.00	\$ 6.80	\$ 55,080.00	\$ 8.00	\$ 64,800.00	\$ 5.00	\$ 40,500.00	\$ 9.00	\$ 72,900.00
43	Pavement Marking - Complete	1	Lump Sum	\$ 36,000.00	\$ 36,000.00	\$ 35,000.00	\$ 35,000.00	\$ 29,575.00	\$ 29,575.00	\$ 30,000.00	\$ 30,000.00	\$ 35,000.00	\$ 35,000.00
44	Traffic Maintenance and Control	1	Lump Sum	\$ 14,000.00	\$ 14,000.00	\$ 250,200.00	\$ 250,200.00	\$ 35,000.00	\$ 35,000.00	\$ 130,000.00	\$ 130,000.00	\$ 54,000.00	\$ 54,000.00
45	Sodding	5,100	Square Yard	\$ 9.00	\$ 45,900.00	\$ 7.00	\$ 35,700.00	\$ 6.00	\$ 30,600.00	\$ 6.00	\$ 30,600.00	\$ 12.50	\$ 63,750.00
46	Topsoil Surface, Furn, 3 inch	5,100	Square Yard	\$ 5.00	\$ 25,500.00	\$ 5.65	\$ 28,815.00	\$ 13.70	\$ 69,870.00	\$ 4.00	\$ 20,400.00	\$ 4.00	\$ 20,400.00
47	Water Shutoff, Reconst, Case 1, Mod	6	Each	\$ 730.00	\$ 4,380.00	\$ 405.00	\$ 2,430.00	\$ 1,200.00	\$ 7,200.00	\$ 1,200.00	\$ 7,200.00	\$ 450.00	\$ 2,700.00
TOTAL OLD PERCH RECONSTRUCTION (PART A):					\$3,138,195.00		\$3,455,594.00		\$2,941,745.00		\$2,847,900.00		\$4,187,410.00
N. Adams Pathway – Powderhorn to Tienken – Part B													
Item	Description	Quantity	Unit of Measure	Unit Price	Ext. Cost	Unit Price	Ext. Cost	Unit Price	Ext. Cost	Unit Price	Ext. Cost	Unit Price	Ext. Cost
1	Mobilization, Max (5%)	1	Lump Sum	\$ 15,000.00	\$ 15,000.00	\$ 37,500.00	\$ 37,500.00	\$ 26,000.00	\$ 26,000.00	\$ 20,000.00	\$ 20,000.00	\$ 33,785.00	\$ 33,785.00
2	Audio Video Route Survey	1	Lump Sum	\$ 1,200.00	\$ 1,200.00	\$ 750.00	\$ 750.00	\$ 775.00	\$ 775.00	\$ 500.00	\$ 500.00	\$ 3,250.00	\$ 3,250.00
3	Tree, Rem, Mod	48	Each	\$ 600.00	\$ 28,800.00	\$ 1,200.00	\$ 57,600.00	\$ 1,200.00	\$ 57,600.00	\$ 1,200.00	\$ 57,600.00	\$ 1,150.00	\$ 55,200.00
4	Sewer, Rem, Less than 24 inch, Mod	160	Foot	\$ 18.45	\$ 2,952.00	\$ 28.00	\$ 4,480.00	\$ 27.00	\$ 4,320.00	\$ 25.00	\$ 4,000.00	\$ 34.00	\$ 5,440.00
5	Curb and Gutter, Rem	50	Foot	\$ 14.00	\$ 700.00	\$ 15.90	\$ 795.00	\$ 8.50	\$ 425.00	\$ 20.00	\$ 1,000.00	\$ 22.00	\$ 1,100.00
6	Pavt, Rem, Mod	500	Square Yard	\$ 15.00	\$ 7,500.00	\$ 13.50	\$ 6,750.00	\$ 11.00	\$ 5,500.00	\$ 16.00	\$ 8,000.00	\$ 36.00	\$ 18,000.00
7	Exploratory Investigation, Vertical	20	Foot	\$ 40.00	\$ 800.00	\$ 61.90	\$ 1,238.00	\$ 65.00	\$ 1,300.00	\$ 125.00	\$ 2,500.00	\$ 200.00	\$ 4,000.00
8	Ditch Cleanout, Mod	1,800	Foot	\$ 9.00	\$ 16,200.00	\$ 11.80	\$ 21,240.00	\$ 7.25	\$ 13,050.00	\$ 15.00	\$ 27,000.00	\$ 21.50	\$ 38,700.00
9	Subgrade Undercutting, Modified	200	Cubic Yard	\$ 75.00	\$ 15,000.00	\$ 69.20	\$ 13,840.00	\$ 70.00	\$ 14,000.00	\$ 20.00	\$ 4,000.00	\$ 88.00	\$ 17,600.00
10	Erosion Control, Aggregate Cover	50	Square Yard	\$ 60.00	\$ 3,000.00	\$ 72.70	\$ 3,635.00	\$ 85.00	\$ 4,250.00	\$ 50.00	\$ 2,500.00	\$ 185.00	\$ 9,250.00

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				Pontiac, MI 48340		Warren, MI 48091		Shelby Twp., MI 48315		Washington, MI 48095		Grand Blanc, MI 48439	
11	Erosion Control, Inlet Protection, Fabric Drop	3	Each	\$ 245.00	\$ 735.00	\$ 168.00	\$ 504.00	\$ 125.00	\$ 375.00	\$ 100.00	\$ 300.00	\$ 125.00	\$ 375.00
12	Erosion Control, Silt Fence	4,600	Foot	\$ 2.50	\$ 11,500.00	\$ 2.55	\$ 11,730.00	\$ 1.29	\$ 5,934.00	\$ 2.00	\$ 9,200.00	\$ 3.00	\$ 13,800.00
13	Project Cleanup / Close Out	1	Lump Sum	\$ 11,000.00	\$ 11,000.00	\$ 9,000.00	\$ 9,000.00	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,500.00	\$ 2,500.00
14	Aggregate Base, Mod	10	Cubic Yard	\$ 130.00	\$ 1,300.00	\$ 103.00	\$ 1,030.00	\$ 105.00	\$ 1,050.00	\$ 100.00	\$ 1,000.00	\$ 72.00	\$ 720.00
15	Culv, Cl A, 12 inch, Mod	220	Foot	\$ 135.00	\$ 29,700.00	\$ 91.50	\$ 20,130.00	\$ 75.00	\$ 16,500.00	\$ 75.00	\$ 16,500.00	\$ 108.00	\$ 23,760.00
16	Culv, Cl A, 18 inch, Mod	40	Foot	\$ 170.00	\$ 6,800.00	\$ 113.00	\$ 4,520.00	\$ 80.00	\$ 3,200.00	\$ 100.00	\$ 4,000.00	\$ 124.00	\$ 4,960.00
17	Dr Structure, Low Head, 4' Dia, Mod	1	Each	\$ 5,000.00	\$ 5,000.00	\$ 3,791.00	\$ 3,791.00	\$ 3,000.00	\$ 3,000.00	\$ 2,500.00	\$ 2,500.00	\$ 3,850.00	\$ 3,850.00
18	Hand Patching	20	Ton	\$ 170.00	\$ 3,400.00	\$ 232.85	\$ 4,657.00	\$ 182.00	\$ 3,640.00	\$ 200.00	\$ 4,000.00	\$ 250.00	\$ 5,000.00
19	HMA Approach, Mod	400	Square Yard	\$ 150.00	\$ 60,000.00	\$ 93.40	\$ 37,360.00	\$ 1.00	\$ 400.00	\$ 75.00	\$ 30,000.00	\$ 116.00	\$ 46,400.00
20	Curb and Gutter, Conc, Det B2, Mod	50	Foot	\$ 65.00	\$ 3,250.00	\$ 52.50	\$ 2,625.00	\$ 65.00	\$ 3,250.00	\$ 55.00	\$ 2,750.00	\$ 70.00	\$ 3,500.00
21	Curb Ramp, Conc, 6 inch	350	Square Foot	\$ 20.00	\$ 7,000.00	\$ 29.70	\$ 10,395.00	\$ 48.00	\$ 16,800.00	\$ 15.00	\$ 5,250.00	\$ 25.00	\$ 8,750.00
22	Shared Use Path, Conc, Modified	700	Square Foot	\$ 12.00	\$ 8,400.00	\$ 17.50	\$ 12,250.00	\$ 44.50	\$ 31,150.00	\$ 10.00	\$ 7,000.00	\$ 25.00	\$ 17,500.00
23	Shared use Path, Grading, Mod	2,400	Foot	\$ 20.00	\$ 48,000.00	\$ 75.70	\$ 181,680.00	\$ 47.50	\$ 114,000.00	\$ 40.00	\$ 96,000.00	\$ 64.00	\$ 153,600.00
24	Shared Use Path, HMA, Mod	2,100	Square Yard	\$ 31.00	\$ 65,100.00	\$ 47.15	\$ 99,015.00	\$ 37.50	\$ 78,750.00	\$ 30.00	\$ 63,000.00	\$ 60.00	\$ 126,000.00
25	Traffic Maintenance and Control	1	Lump Sum	\$ 3,300.00	\$ 3,300.00	\$ 172,700.00	\$ 172,700.00	\$ 10,000.00	\$ 10,000.00	\$ 100,000.00	\$ 100,000.00	\$ 39,000.00	\$ 39,000.00
26	Pavement Marking - Complete	1	Lump Sum	\$ 2,400.00	\$ 2,400.00	\$ 2,950.00	\$ 2,950.00	\$ 1,950.00	\$ 1,950.00	\$ 2,000.00	\$ 2,000.00	\$ 7,500.00	\$ 7,500.00
27	Project Restoration	1	Lump Sum	\$ 38,000.00	\$ 38,000.00	\$ 37,500.00	\$ 37,500.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 36,000.00	\$ 36,000.00
28	Pedestrian Signal Relocation - Allowance	30,000	Dollars	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00
TOTAL N. Adams Pathway – Powderhorn to Tienken (PART B):					\$426,037.00		\$789,665.00		\$497,219.00		\$545,600.00		\$709,540.00
GRAND TOTAL PART A & B					\$3,564,232.00		\$4,245,259.00		\$3,438,964.00		\$3,393,500.00		\$4,896,950.00
						Bid states total as \$4,244,859.00.							
						\$400 more							