

Engineer's Opinion of Costs

Project Number: 2018-024
Estimate Number: 5: GI Submittal
Project Type: Miscellaneous
Location: Northside STEAM SRTS
Description: Sidewalk Gap Project City of Ann Arbor 2018-024

Project Engineer: Jane K Allen, P.E.
Date Created: 10/3/2018
Date Edited: 10/10/2018
Fed/State #:
Fed Item:
Control Section:

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
Category: 0001 Participating						
0001	1500001	Mobilization, Max \$64,000.00	1.000	LSUM	\$60,000.00	\$60,000.00
0002	2010001	Clearing	0.300	Acre	\$8,000.00	\$2,400.00
0003	2020006	Stump, Rem, 19 inch to 36 inch	5.000	Ea	\$300.00	\$1,500.00
0004	2020008	Stump, Rem, 6 inch to 18 inch	22.000	Ea	\$100.00	\$2,200.00
0005	2027050	_ Trimming Tree	10.000	Ea	\$150.00	\$1,500.00
0006	2030011	Dr Structure, Rem	6.000	Ea	\$300.00	\$1,800.00
0007	2030015	Sewer, Rem, Less than 24 inch	88.000	Ft	\$15.00	\$1,320.00
0008	2047001	_ Curb and Gutter, Rem, Modified	1,520.000	Ft	\$8.00	\$12,160.00
0009	2047010	_ Driveway Approach, Rem, Modified	2,350.000	Sft	\$13.00	\$30,550.00
0010	2047010	_ Sidewalk, Rem, Modified	1,050.000	Sft	\$9.00	\$9,450.00
0011	2050041	Subgrade Undercutting, Type II	100.000	Cyd	\$15.00	\$1,500.00
0012	2057002	_ Sidewalk Grading	29.000	Sta	\$250.00	\$7,250.00
0013	2057021	_ Flowable Fill	120.000	Cyd	\$200.00	\$24,000.00
0014	2057050	_ Sidewalk Ramp Grading	17.000	Ea	\$500.00	\$8,500.00
0015	2080036	Erosion Control, Silt Fence	2,900.000	Ft	\$2.50	\$7,250.00
0016	2087050	_ Erosion Control, Inlet Filter	15.000	Ea	\$100.00	\$1,500.00
0017	2090001	Project Cleanup	1.000	LSUM	\$10,000.00	\$10,000.00
0018	3017021	_ Subbase, CIP, Class II Granular Material, Modified	300.000	Cyd	\$40.00	\$12,000.00
0019	3027011	_ Aggregate Base, 8 inch, 21-AA, Modified	1,150.000	Syd	\$30.00	\$34,500.00
0020	3060021	Maintenance Gravel, LM	40.000	Cyd	\$12.00	\$480.00
0021	4020987	Sewer, CI IV, 12 inch, Tr Det B	88.000	Ft	\$55.00	\$4,840.00
0022	4030010	Dr Structure Cover, Type B	1.000	Ea	\$500.00	\$500.00
0023	4030050	Dr Structure Cover, Type K	6.000	Ea	\$600.00	\$3,600.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0024	4030200	Dr Structure, 24 inch dia	6.000	Ea	\$1,100.00	\$6,600.00
0025	4030210	Dr Structure, 48 inch dia	1.000	Ea	\$1,700.00	\$1,700.00
0026	4040063	Underdrain, Subbase, 6 inch	1,200.000	Ft	\$5.00	\$6,000.00
0027	5010005	HMA Surface, Rem	3,250.000	Syd	\$3.50	\$11,375.00
0028	5010025	Hand Patching	125.000	Ton	\$200.00	\$25,000.00
0029	8027001	_ Curb and Gutter, Conc, Det F4, Special	950.000	Ft	\$25.00	\$23,750.00
0030	8027001	_ Driveway Opening, Conc, Detail M, P-NC	555.000	Ft	\$30.00	\$16,650.00
0031	8027010	_ Integral Sidewalk Retaining Wall, 19 inch to 36 inch	300.000	Sft	\$60.00	\$18,000.00
0032	8027010	_ Integral Sidewalk Retaining Wall, 6 inch to 18 inch	800.000	Sft	\$50.00	\$40,000.00
0033	8030030	Curb Ramp Opening, Conc	120.000	Ft	\$25.00	\$3,000.00
0034	8037010	_ Concrete Drive Approach, Non-Reinforced, P-NC, 6 inch	5,200.000	Sft	\$14.00	\$72,800.00
0035	8037010	_ Detectable Warning Tiles	170.000	Sft	\$40.00	\$6,800.00
0036	8037010	_ Sidewalk Ramp, Concrete, 6 inch, P-NC, ADA, Modified	900.000	Sft	\$9.00	\$8,100.00
0037	8037010	_ Sidewalk, Concrete, 4 inch, Special	12,600.000	Sft	\$8.00	\$100,800.00
0038	8037010	_ Sidewalk, Concrete, 6 inch, Special	1,860.000	Sft	\$9.00	\$16,740.00
0039	8080007	Fence, Protective	825.000	Ft	\$4.00	\$3,300.00
0040	8100371	Post, Steel, 3 lb	60.000	Ft	\$6.00	\$360.00
0041	8100404	Sign, Type IIIA	112.000	Sft	\$19.00	\$2,128.00
0042	8110214	Pavt Mrkg, Thermopl, 12 inch, Crosswalk	592.000	Ft	\$6.00	\$3,552.00
0043	8110218	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	13.000	Ft	\$10.00	\$130.00
0044	8120022	Barricade, Type III, High Intensity, Lighted, Furn	17.000	Ea	\$75.00	\$1,275.00
0045	8120023	Barricade, Type III, High Intensity, Lighted, Oper	17.000	Ea	\$5.00	\$85.00
0046	8120170	Minor Traf Devices	1.000	LSUM	\$13,000.00	\$13,000.00
0047	8120212	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	112.000	Ft	\$1.50	\$168.00
0048	8120250	Plastic Drum, High Intensity, Furn	170.000	Ea	\$20.00	\$3,400.00
0049	8120251	Plastic Drum, High Intensity, Oper	170.000	Ea	\$1.00	\$170.00
0050	8120350	Sign, Type B, Temp, Prismatic, Furn	527.000	Sft	\$4.00	\$2,108.00
0051	8120351	Sign, Type B, Temp, Prismatic, Oper	527.000	Sft	\$0.50	\$263.50
0052	8120352	Sign, Type B, Temp, Prismatic, Special, Furn	15.000	Sft	\$10.00	\$150.00
0053	8120353	Sign, Type B, Temp, Prismatic, Special, Oper	15.000	Sft	\$0.50	\$7.50

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0054	8120370	Traf Regulator Control	1.000	LSUM	\$13,000.00	\$13,000.00
0055	8150001	Site Preparation, Max \$9,000.00	1.000	LSUM	\$9,000.00	\$9,000.00
0056	8150002	Watering and Cultivating, First Season, Min \$1,000.00	1.000	LSUM	\$4,500.00	\$4,500.00
0057	8150003	Watering and Cultivating, Second Season, Min \$1,000.00	1.000	LSUM	\$4,500.00	\$4,500.00
0058	8150779	Celtis occidentalis, 1 3/4 inch	60.000	Ea	\$450.00	\$27,000.00
0059	8160020	Fertilizer, Chemical Nutrient, CI A	200.000	Lb	\$2.00	\$400.00
0060	8160025	Mulch	4,800.000	Syd	\$1.00	\$4,800.00
0061	8160026	Mulch Anchoring	4,800.000	Syd	\$0.65	\$3,120.00
0062	8160039	Seeding, Mixture THM	225.000	Lb	\$5.00	\$1,125.00
0063	8160062	Topsoil Surface, Furn, 4 inch	4,800.000	Syd	\$2.00	\$9,600.00

Category 0001 Total: \$703,257.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
Category: 0003 Non-Participating						
0064	1027051	_ Audio-Visual Recording	1.000	LSUM	\$5,000.00	\$5,000.00
0065	1047051	_ Project Supervision	1.000	LSUM	\$15,000.00	\$15,000.00
Category 0003 Total:						\$20,000.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
Estimate Total: \$723,257.00						