

Engineer's Opinion of Costs

Project Number: 2018-024
Estimate Number: 7: Final Estimate
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: 2/4/2019
Date Edited: 3/15/2019
Fed/State #:
Fed Item:
Control Section:

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
Category: 0001 Participating						
0001	1500001	Mobilization, Max \$69,000.00	1.000	LSUM	\$60,000.00	\$60,000.00
0002	2010001	Clearing	0.500	Acre	\$8,000.00	\$4,000.00
0003	2020006	Stump, Rem, 19 inch to 36 inch	3.000	Ea	\$300.00	\$900.00
0004	2020008	Stump, Rem, 6 inch to 18 inch	5.000	Ea	\$100.00	\$500.00
0005	2027050	_ Trimming Tree	6.000	Ea	\$150.00	\$900.00
0006	2030011	Dr Structure, Rem	10.000	Ea	\$300.00	\$3,000.00
0007	2030015	Sewer, Rem, Less than 24 inch	140.000	Ft	\$15.00	\$2,100.00
0008	2047001	_ Curb and Gutter, Rem, Modified	2,614.000	Ft	\$8.00	\$20,912.00
0009	2047010	_ Driveway Approach, Rem, Modified	2,554.000	Sft	\$13.00	\$33,202.00
0010	2047010	_ Sidewalk, Rem, Modified	1,539.000	Sft	\$9.00	\$13,851.00
0011	2050010	Embankment, CIP	300.000	Cyd	\$10.00	\$3,000.00
0012	2050016	Excavation, Earth	170.000	Cyd	\$10.00	\$1,700.00
0013	2050041	Subgrade Undercutting, Type II	100.000	Cyd	\$15.00	\$1,500.00
0014	2057002	_ Sidewalk Grading	29.000	Sta	\$250.00	\$7,250.00
0015	2057021	_ Flowable Fill	70.000	Cyd	\$200.00	\$14,000.00
0016	2057050	_ Sidewalk Ramp Grading	12.000	Ea	\$500.00	\$6,000.00
0017	2080036	Erosion Control, Silt Fence	2,521.000	Ft	\$2.50	\$6,302.50
0018	2087050	_ Erosion Control, Inlet Filter	7.000	Ea	\$100.00	\$700.00
0019	3017021	_ Subbase, CIP, Class II Granular Material, Modified	300.000	Cyd	\$40.00	\$12,000.00
0020	3027011	_ Aggregate Base, 8 inch, 21-AA, Modified	1,557.000	Syd	\$30.00	\$46,710.00
0021	3060021	Maintenance Gravel, LM	40.000	Cyd	\$12.00	\$480.00
0022	4020987	Sewer, CI IV, 12 inch, Tr Det B	180.000	Ft	\$55.00	\$9,900.00
0023	4030010	Dr Structure Cover, Type B	1.000	Ea	\$500.00	\$500.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0024	4030050	Dr Structure Cover, Type K	9.000	Ea	\$600.00	\$5,400.00
0025	4030200	Dr Structure, 24 inch dia	9.000	Ea	\$1,100.00	\$9,900.00
0026	4030210	Dr Structure, 48 inch dia	1.000	Ea	\$1,700.00	\$1,700.00
0027	4030306	Dr Structure, Tap, 6 inch	7.000	Ea	\$200.00	\$1,400.00
0028	4030312	Dr Structure, Tap, 12 inch	8.000	Ea	\$400.00	\$3,200.00
0029	4040063	Underdrain, Subbase, 6 inch	1,762.000	Ft	\$5.00	\$8,810.00
0030	5010005	HMA Surface, Rem	2,175.000	Syd	\$3.50	\$7,612.50
0031	5010025	Hand Patching	187.000	Ton	\$200.00	\$37,400.00
0032	6030005	Cement	5.000	Ton	\$50.00	\$250.00
0033	7060092	Reinforcement, Steel, Epoxy Coated	200.000	Lb	\$1.50	\$300.00
0034	8027001	_ Curb and Gutter, Conc, Det F4, Special	2,009.000	Ft	\$25.00	\$50,225.00
0035	8027001	_ Driveway Opening, Conc, Detail M, P-NC	527.000	Ft	\$30.00	\$15,810.00
0036	8027010	_ Integral Sidewalk Retaining Wall, 19 inch to 36 inch	81.000	Sft	\$60.00	\$4,860.00
0037	8027010	_ Integral Sidewalk Retaining Wall, 6 inch to 18 inch	310.000	Sft	\$50.00	\$15,500.00
0038	8030030	Curb Ramp Opening, Conc	150.000	Ft	\$25.00	\$3,750.00
0039	8037010	_ Concrete Drive Approach, Non-Reinforced, P-NC, 6 inch	3,980.000	Sft	\$14.00	\$55,720.00
0040	8037010	_ Detectable Warning Tiles	190.000	Sft	\$40.00	\$7,600.00
0041	8037010	_ Sidewalk Ramp, Concrete, 6 inch, P-NC, ADA, Modified	500.000	Sft	\$8.50	\$4,250.00
0042	8037010	_ Sidewalk, Concrete, 4 inch, Special	15,035.000	Sft	\$7.50	\$112,762.50
0043	8037010	_ Sidewalk, Concrete, 6 inch, Special	1,890.000	Sft	\$8.50	\$16,065.00
0044	8080007	Fence, Protective	1,292.000	Ft	\$4.00	\$5,168.00
0045	8080120	Fence, Moving	200.000	Ft	\$9.00	\$1,800.00
0046	8080130	Fence Post	20.000	Ea	\$9.00	\$180.00
0047	8080140	Fence Material	50.000	Ft	\$50.00	\$2,500.00
0048	8100371	Post, Steel, 3 lb	60.000	Ft	\$6.00	\$360.00
0049	8100402	Sign, Type III, Erect, Salv	5.000	Ea	\$1,000.00	\$5,000.00
0050	8100404	Sign, Type IIIA	112.000	Sft	\$19.00	\$2,128.00
0051	8110214	Pavt Mrkg, Thermopl, 12 inch, Crosswalk	1,206.000	Ft	\$6.00	\$7,236.00
0052	8110218	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	115.000	Ft	\$10.00	\$1,150.00
0053	8120022	Barricade, Type III, High Intensity, Lighted, Furn	23.000	Ea	\$75.00	\$1,725.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0054	8120023	Barricade, Type III, High Intensity, Lighted, Oper	23.000	Ea	\$5.00	\$115.00
0055	8120026	Pedestrian Type II Barricade, Temp	22.000	Ea	\$100.00	\$2,200.00
0056	8120100	Dust Palliative, Applied	20.000	Ton	\$200.00	\$4,000.00
0057	8120140	Lighted Arrow, Type C, Furn	2.000	Ea	\$1,500.00	\$3,000.00
0058	8120141	Lighted Arrow, Type C, Oper	2.000	Ea	\$50.00	\$100.00
0059	8120170	Minor Traf Devices	1.000	LSUM	\$13,000.00	\$13,000.00
0060	8120212	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	1,200.000	Ft	\$1.50	\$1,800.00
0061	8120250	Plastic Drum, High Intensity, Furn	222.000	Ea	\$20.00	\$4,440.00
0062	8120251	Plastic Drum, High Intensity, Oper	222.000	Ea	\$1.00	\$222.00
0063	8120310	Sign Cover	10.000	Ea	\$30.00	\$300.00
0064	8120350	Sign, Type B, Temp, Prismatic, Furn	820.000	Sft	\$4.00	\$3,280.00
0065	8120351	Sign, Type B, Temp, Prismatic, Oper	820.000	Sft	\$0.50	\$410.00
0066	8120352	Sign, Type B, Temp, Prismatic, Special, Furn	14.000	Sft	\$10.00	\$140.00
0067	8120353	Sign, Type B, Temp, Prismatic, Special, Oper	14.000	Sft	\$0.50	\$7.00
0068	8120370	Traf Regulator Control	1.000	LSUM	\$13,000.00	\$13,000.00
0069	8127050	_ "No Parking" Signs	33.000	Ea	\$100.00	\$3,300.00
0070	8127050	_ Pedestrian Ramp, Temp	4.000	Ea	\$500.00	\$2,000.00
0071	8160020	Fertilizer, Chemical Nutrient, Cl A	180.000	Lb	\$2.00	\$360.00
0072	8160025	Mulch	4,730.000	Syd	\$1.00	\$4,730.00
0073	8160026	Mulch Anchoring	4,730.000	Syd	\$0.65	\$3,074.50
0074	8160035	Seeding, Mixture CR	230.000	Lb	\$2.00	\$460.00
0075	8160039	Seeding, Mixture THM	230.000	Lb	\$5.00	\$1,150.00
0076	8160062	Topsoil Surface, Furn, 4 inch	4,730.000	Syd	\$2.00	\$9,460.00
0077	8160095	Weed Control	1.000	Acre	\$1,000.00	\$1,000.00
0078	8230096	Hydrant, Relocate, Case 2	1.000	Ea	\$2,500.00	\$2,500.00

Category 0001 Total: \$713,218.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
Category: 0003 Non-Participating						
0079	1027051	_ Audio-Visual Recording	1.000	LSUM	\$5,000.00	\$5,000.00
0080	1047051	_ Project Supervision, Modified	1.000	LSUM	\$15,000.00	\$15,000.00
0081	8150001	Site Preparation, Max \$4,000.00	1.000	LSUM	\$4,000.00	\$4,000.00
0082	8150002	Watering and Cultivating, First Season, Min \$1,000.00	1.000	LSUM	\$2,500.00	\$2,500.00
0083	8150003	Watering and Cultivating, Second Season, Min \$1,000.00	1.000	LSUM	\$2,500.00	\$2,500.00
0084	8150078	Acer griseum, 1 3/4 inch	1.000	Ea	\$600.00	\$600.00
0085	8150779	Celtis occidentalis, 1 3/4 inch	1.000	Ea	\$650.00	\$650.00
0086	8151675	Gymnocladus dioicus, 1 3/4 inch	2.000	Ea	\$650.00	\$1,300.00
0087	8152314	Malus Prairie Fire, 1 3/4 inch	2.000	Ea	\$550.00	\$1,100.00
0088	8152951	Prunus serrulata Kwanzan, 1 3/4 inch	2.000	Ea	\$600.00	\$1,200.00
0089	8153084	Quercus macrocarpa, 1 3/4 inch	1.000	Ea	\$550.00	\$550.00
0090	8153717	Syringa reticulata Ivory Silk, 1 3/4 inch	1.000	Ea	\$475.00	\$475.00
0091	8153730	Syringa vulgaris, #5 cont.	5.000	Ea	\$100.00	\$500.00

Category 0003 Total: \$35,375.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
Estimate Total: \$748,593.00						
