

**Pine Street Pedestrian Bridge and Overhead to Underground Conversion Project**

Pine Street Pedestrian Bridge and Overhead to Underground Conversion Project				Engineers Estimate		Elmers		Anlaan	
Item No	Est Qty	Unit	Description of Items	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	1	LSUM	Mobilization, Max \$40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00
2	1260	SFT	Clearing – Special	\$ 4.00	\$ 5,040.00	\$ 1.90	\$ 2,394.00	\$ 4.50	\$ 5,670.00
3	1	LSUM	Site Preparation	\$ 45,000.00	\$ 45,000.00	\$ 15,505.00	\$ 15,505.00	\$ 75,000.00	\$ 75,000.00
4	125	FT	Erosion Control, Silt Fence	\$ 4.00	\$ 500.00	\$ 2.50	\$ 312.50	\$ 5.00	\$ 625.00
5	30	CYD	Erosion Control, Maintenance, Sediment Removal	\$ 120.00	\$ 3,600.00	\$ 30.00	\$ 900.00	\$ 5.00	\$ 150.00
6	1259	FT	Salvage and Fine Grade Existing Gravel	\$ 4.00	\$ 5,036.00	\$ 2.00	\$ 2,518.00	\$ 3.00	\$ 3,777.00
7	1	LSUM	Temp 21" Storm Sewer	\$ 2,500.00	\$ 2,500.00	\$ 5,471.00	\$ 5,471.00	\$ 3,000.00	\$ 3,000.00
8	30	FT	21" Class IV RCP	\$ 125.00	\$ 3,750.00	\$ 163.00	\$ 4,890.00	\$ 105.00	\$ 3,150.00
9	1	EA	21" Conc Outlet Headwall	\$ 3,500.00	\$ 3,500.00	\$ 5,800.00	\$ 5,800.00	\$ 3,500.00	\$ 3,500.00
10	150	FT	Concrete Curb & Gutter Detail C-4-Modified	\$ 20.00	\$ 3,000.00	\$ 18.90	\$ 2,835.00	\$ 15.40	\$ 2,310.00
11	310	FT	Concrete Curb Detail E3 - Modified	\$ 20.00	\$ 6,200.00	\$ 26.74	\$ 8,289.40	\$ 23.00	\$ 7,130.00
12	550	SFT	Brick Paver Sidewalk Type 1	\$ 22.00	\$ 12,100.00	\$ 45.13	\$ 24,821.50	\$ 40.00	\$ 22,000.00
13	1390	SFT	Brick Paver Sidewalk Type 2	\$ 22.00	\$ 30,580.00	\$ 32.41	\$ 45,049.90	\$ 40.00	\$ 55,600.00
14	26	TON	HMA, 13A	\$ 150.00	\$ 3,900.00	\$ 150.57	\$ 3,914.82	\$ 130.35	\$ 3,389.10
15	50	FT	Infrared Joint repair	\$ 40.00	\$ 2,000.00	\$ 20.68	\$ 1,034.00	\$ 20.60	\$ 1,030.00
16	48	FT	Timber Plank Wall	\$ 140.00	\$ 6,720.00	\$ 400.00	\$ 19,200.00	\$ 375.00	\$ 18,000.00
17	1	LSUM	Parapet Wall with Foundation	\$ 5,000.00	\$ 5,000.00	\$ 11,800.00	\$ 11,800.00	\$ 15,000.00	\$ 15,000.00
18	201	FT	Seat Wall	\$ 180.00	\$ 36,180.00	\$ 174.70	\$ 35,114.70	\$ 65.00	\$ 13,065.00
19	1710	SFT	4" Concrete Sidewalk	\$ 6.00	\$ 10,260.00	\$ 4.53	\$ 7,746.30	\$ 3.50	\$ 5,985.00
20	700	SFT	Driveway Non-Reinforced Concrete 6"	\$ 8.00	\$ 5,600.00	\$ 5.61	\$ 3,927.00	\$ 4.25	\$ 2,975.00
21	3	EA	Gate Box Adjust, Case 1	\$ 400.00	\$ 1,200.00	\$ 300.00	\$ 900.00	\$ 250.00	\$ 750.00
22	1	EA	Fire Hydrant Relocation	\$ 8,500.00	\$ 8,500.00	\$ 5,400.00	\$ 5,400.00	\$ 5,875.00	\$ 5,875.00
23	151	SQ YDS	Slope Restoration	\$ 20.00	\$ 3,020.00	\$ 23.33	\$ 3,522.83	\$ 50.00	\$ 7,550.00
24	151	SQ YDS	Mulch Blanket, High Velocity	\$ 5.00	\$ 755.00	\$ 2.11	\$ 318.61	\$ 5.00	\$ 755.00
25	1	LSUM	Cofferdams	\$ 90,000.00	\$ 90,000.00	\$ 85,000.00	\$ 85,000.00	\$ 150,000.00	\$ 150,000.00
26	163	CU YDS	Excavation, Fdn.	\$ 40.00	\$ 6,520.00	\$ 20.00	\$ 3,260.00	\$ 50.00	\$ 8,150.00
27	52.5	CU YDS	Backfill, Structure, CIP	\$ 40.00	\$ 2,100.00	\$ 26.54	\$ 1,393.35	\$ 50.00	\$ 2,625.00
28	4921	LBS	Reinforcement, Steel, Epoxy Coated	\$ 3.00	\$ 14,763.00	\$ 1.32	\$ 6,495.72	\$ 3.10	\$ 15,255.10
29	98	CU YDS	Substructure, Conc	\$ 500.00	\$ 49,000.00	\$ 690.00	\$ 67,620.00	\$ 1,000.00	\$ 98,000.00
30	12.5	CU YDS	Concrete Grade T	\$ 350.00	\$ 4,375.00	\$ 245.00	\$ 3,062.50	\$ 200.00	\$ 2,500.00
31	815	SFT	Anti-Graffiti Coating	\$ 100.00	\$ 81,500.00	\$ 0.65	\$ 529.75	\$ 12.00	\$ 9,780.00
32	4	EA	Abutment Parapet Wall	\$ 3,500.00	\$ 14,000.00	\$ 2,800.00	\$ 11,200.00	\$ 5,000.00	\$ 20,000.00
33	352	SFT	Membrane Waterproofing	\$ 15.00	\$ 5,280.00	\$ 7.50	\$ 2,640.00	\$ 0.01	\$ 3.52
34	140	SQ YDS	Riprap, Heavy	\$ 200.00	\$ 28,000.00	\$ 228.00	\$ 31,920.00	\$ 78.00	\$ 10,920.00
35	1	EA	Bridge, Furn, 105'	\$ 155,250.00	\$ 155,250.00	\$ 168,000.00	\$ 168,000.00	\$ 183,700.00	\$ 183,700.00
36	1	EA	Bridge, Constructed, 105'	\$ 33,000.00	\$ 33,000.00	\$ 35,000.00	\$ 35,000.00	\$ 57,000.00	\$ 57,000.00
37	2	EA	Erosion Control, Filter Bag	\$ 3,500.00	\$ 7,000.00	\$ 250.00	\$ 500.00	\$ 300.00	\$ 600.00
38	100	FT	Turbidity Curtain, (shallow)	\$ 75.00	\$ 7,500.00	\$ 6.00	\$ 600.00	\$ 0.01	\$ 1.00
39	210	FT	Bridge Lighted Handrail	\$ 100.00	\$ 21,000.00	\$ 400.00	\$ 84,000.00	\$ 500.00	\$ 105,000.00
40	210	FT	Bridge Rope Accent Lighting	\$ 50.00	\$ 10,500.00	\$ 15.81	\$ 3,320.10	\$ 40.00	\$ 8,400.00
41	110	FT	Seat Wall Rope Accent Lighting	\$ 50.00	\$ 5,500.00	\$ 15.81	\$ 1,739.10	\$ 81.00	\$ 8,910.00
42	1	EA	Electric Service, Meter, Panel, Sub-Panel, Lighting Control, Enclosure	\$ 15,000.00	\$ 15,000.00	\$ 9,000.00	\$ 9,000.00	\$ 8,000.00	\$ 8,000.00
43	1	LSUM	Irrigation System	\$ 14,500.00	\$ 14,500.00	\$ 9,500.00	\$ 9,500.00	\$ 7,000.00	\$ 7,000.00
44	6	EA	River Birch 8 to 10 Feet	\$ 250.00	\$ 1,500.00	\$ 300.00	\$ 1,800.00	\$ 375.00	\$ 2,250.00
45	66	EA	Feather Reed Grass	\$ 60.00	\$ 3,960.00	\$ 14.75	\$ 973.50	\$ 34.00	\$ 2,244.00
46	199	EA	Little Bluestem	\$ 40.00	\$ 7,960.00	\$ 14.75	\$ 2,935.25	\$ 34.00	\$ 6,766.00
47	5	EA	Natural Stone Seat	\$ 750.00	\$ 3,750.00	\$ 420.00	\$ 2,100.00	\$ 2,500.00	\$ 12,500.00
48	8	EA	Bollard and Foundation	\$ 1,750.00	\$ 14,000.00	\$ 1,600.00	\$ 12,800.00	\$ 1,600.00	\$ 12,800.00
49	2	EA	Banner/Sign Pole Foundation	\$ 1,500.00	\$ 3,000.00	\$ 850.00	\$ 1,700.00	\$ 805.00	\$ 1,610.00
50	1	EA	Banner Pole	\$ 2,100.00	\$ 2,100.00	\$ 5,000.00	\$ 5,000.00	\$ 3,500.00	\$ 3,500.00
51	14	EA	Lighted Bollard	\$ 2,500.00	\$ 35,000.00	\$ 3,400.00	\$ 47,600.00	\$ 1,500.00	\$ 21,000.00
Subtotal Bridge and Site Items					\$ 879,999.00		\$ 851,353.83		\$ 1,054,800.72

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<b>Electrical Items</b>									
E-1	135	LFT	Trench, Backfill & Compact (1 to 2 Conduits)	\$ 10.00	\$ 1,350.00	\$ 27.00	\$ 3,645.00	\$ 25.00	\$ 3,375.00
E-2	515	LFT	Trench, Backfill & Compact (3 to 4 Conduits)	\$ 11.00	\$ 5,665.00	\$ 28.00	\$ 14,420.00	\$ 25.00	\$ 12,875.00
E-3	135	LFT	Trench, Backfill & Compact (5 to 6 Conduits)	\$ 12.00	\$ 1,620.00	\$ 34.00	\$ 4,590.00	\$ 25.00	\$ 3,375.00
E-4	145	LFT	Directional Bore 1-4" SDR 13.51	\$ 14.00	\$ 2,030.00	\$ 48.00	\$ 6,960.00	\$ 44.26	\$ 6,417.70
E-5	20	LFT	1-1/4" PVC SCH 40/80	\$ 1.00	\$ 20.00	\$ 1.90	\$ 38.00	\$ 1.79	\$ 35.80
E-6	290	LFT	3" PVC SCH 40/80	\$ 1.50	\$ 435.00	\$ 3.16	\$ 916.40	\$ 2.54	\$ 736.60
E-7	745	LFT	4" PVC SCH 40/80 (Charter)	\$ 1.75	\$ 1,303.75	\$ 2.91	\$ 2,167.95	\$ 2.86	\$ 2,130.70
E-8	2210	LFT	6" PVC SCH 40/80	\$ 2.00	\$ 4,420.00	\$ 2.57	\$ 5,679.70	\$ 3.23	\$ 7,138.30
E-9	3	EA	3" 90° Fiberglass 36" Radius	\$ 30.00	\$ 90.00	\$ 48.00	\$ 144.00	\$ 76.40	\$ 229.20
E-10	1	EA	4" 90° Fiberglass STD (16") Radius (SF12)	\$ 30.00	\$ 30.00	\$ 43.00	\$ 43.00	\$ 113.98	\$ 113.98
E-11	1	EA	4" 22° Fiberglass, 60" Radius (SF13)	\$ 30.00	\$ 30.00	\$ 18.00	\$ 18.00	\$ 113.98	\$ 113.98
E-12	4	EA	4" 45° Fiberglass, 60" Radius (SF14)	\$ 30.00	\$ 120.00	\$ 18.00	\$ 72.00	\$ 113.98	\$ 455.92
E-13	4	EA	6" 45° Fiberglass STD (30") Radius (SF18)	\$ 30.00	\$ 120.00	\$ 18.00	\$ 72.00	\$ 113.98	\$ 455.92
E-14	1	EA	6" 90° Fiberglass STD (30") Radius (SF19)	\$ 30.00	\$ 30.00	\$ 20.00	\$ 20.00	\$ 113.98	\$ 113.98
E-15	11	EA	6" 22° Fiberglass, 60" Radius (SF20)	\$ 30.00	\$ 330.00	\$ 20.00	\$ 220.00	\$ 113.98	\$ 1,253.78
E-16	12	EA	6" 45° Fiberglass, 60" Radius (SF21)	\$ 30.00	\$ 360.00	\$ 20.00	\$ 240.00	\$ 113.98	\$ 1,367.76
E-17	1	LS	Bridge Conduit Installation	\$ 8,500.00	\$ 8,500.00	\$ 27,000.00	\$ 27,000.00	\$ 85,000.00	\$ 85,000.00
E-18	2	EA	3Ø 15kV Sectionalizing Cabinet Box Pad	\$ 250.00	\$ 500.00	\$ 900.00	\$ 1,800.00	\$ 627.00	\$ 1,254.00
E-19	1	EA	PMH 9/11 Switchgear Box Pad	\$ 400.00	\$ 400.00	\$ 850.00	\$ 850.00	\$ 627.00	\$ 627.00
E-20	3	EA	17"x30"x18" Handhole & Cover	\$ 175.00	\$ 525.00	\$ 500.00	\$ 1,500.00	\$ 451.50	\$ 1,354.50
E-21	1	EA	24"x36"x24" Handhole & Cover	\$ 200.00	\$ 200.00	\$ 600.00	\$ 600.00	\$ 527.00	\$ 527.00
E-22	2	EA	12' x 6' x 7' Manhole	\$ 4,500.00	\$ 9,000.00	\$ 1,500.00	\$ 3,000.00	\$ 2,400.00	\$ 4,800.00
E-23	16	EA	Ground Rod, 5/8" x 8'	\$ 30.00	\$ 480.00	\$ 85.00	\$ 1,360.00	\$ 76.50	\$ 1,224.00
E-24	50	LFT	#2 CU Stranded Bare	\$ 1.00	\$ 50.00	\$ 2.00	\$ 100.00	\$ 1.03	\$ 51.50
E-25	300	LFT	#2/0 CU Stranded Bare	\$ 1.00	\$ 300.00	\$ 2.10	\$ 630.00	\$ 1.51	\$ 453.00
E-26	8	EA	Exothermic Weld, One-shot	\$ 20.00	\$ 160.00	\$ 55.00	\$ 440.00	\$ 48.60	\$ 388.80
E-27	6	EA	Exothermic Weld1	\$ 20.00	\$ 120.00	\$ 80.00	\$ 480.00	\$ 70.20	\$ 421.20
E-28	3	EA	Guard Post	\$ 100.00	\$ 300.00	\$ 325.00	\$ 975.00	\$ 306.00	\$ 918.00
E-29	50	CU YD	Sand Backfill, Class II (LM)1	\$ 12.00	\$ 600.00	\$ 26.00	\$ 1,300.00	\$ 15.00	\$ 750.00
E-30	50	CU YD	Trench Spoils, Haul & Dispose	\$ 9.00	\$ 450.00	\$ 22.00	\$ 1,100.00	\$ 10.00	\$ 500.00
Subtotal Electrical Items				\$	39,538.75	\$	80,381.05	\$	138,457.62
Total Project Amount				\$	919,537.75	\$	931,734.88	\$	1,193,258.34
A-1	550	SFT	Brick Paver Sidewalk Type 1 Alternate	\$ 20.00	\$ 11,000.00	\$ 45.00	\$ 24,750.00	\$ 27.60	\$ 15,180.00
A-2	1390	SFT	Brick Paver Sidewalk Type 2 Alternate	\$ 20.00	\$ 27,800.00	\$ 29.00	\$ 40,310.00	\$ 24.15	\$ 33,568.50
A-3	8	EA	Bollard and Foundation- Alt 1	\$ 2,000.00	\$ 16,000.00	\$ 1,500.00	\$ 12,000.00	\$ 1,400.00	\$ 11,200.00
A-4	8	EA	Bollard and Foundation- Alt 2	\$ 2,200.00	\$ 17,600.00	\$ 1,600.00	\$ 12,800.00	\$ 1,500.00	\$ 12,000.00
A-5	1	EA	Bridge, Furn, 105'-Alt Concrete Deck	\$ 155,250.00	\$ 155,250.00	\$ 140,000.00	\$ 140,000.00	\$ 158,500.00	\$ 158,500.00
A-6	1	EA	Bridge, Constructed, 105'-Alt Concrete Deck	\$ 53,000.00	\$ 53,000.00	\$ 57,000.00	\$ 57,000.00	\$ 72,000.00	\$ 72,000.00
A-5	1	EA	Bridge, Furn, 105'-Alt Aluminum with Wood Deck	\$ 195,500.00	\$ 195,500.00	\$ 238,000.00	\$ 238,000.00	\$ 270,000.00	\$ 270,000.00
A-6	1	EA	Bridge, Constructed, 105'-Alt Aluminum with Wood Deck	\$ 33,000.00	\$ 33,000.00	\$ 35,000.00	\$ 35,000.00	\$ 55,000.00	\$ 55,000.00
A-7	1	EA	Bridge, Furn, 105'-Alt Aluminum with Synthetic Concrete Deck	\$ 195,500.00	\$ 195,500.00	\$ -	\$ -	\$ -	\$ -
A-8	1	EA	Bridge, Constructed, 105'-Alt Aluminum with Synthetic Concrete Deck	\$ 33,000.00	\$ 33,000.00	\$ -	\$ -	\$ -	\$ -
A-9	520	EA	Alternate 4" Conc. Sidewalk Site Preparation	\$ 10.00	\$ 5,200.00	\$ 7.00	\$ 3,640.00	\$ 1.50	\$ 780.00
A-10	3120	SFT	Alternate 4" Conc. Sidewalk	\$ 4.00	\$ 12,480.00	\$ 3.70	\$ 11,544.00	\$ 3.50	\$ 10,920.00
LA-1	7	EA	Quaking Aspen (Populus tremuloides) 1"	\$ 250.00	\$ 1,750.00	\$ 280.00	\$ 1,960.00	\$ 250.00	\$ 1,750.00
LA-2	9	EA	Quaking Aspen (Populus tremuloides) 1.5"	\$ 275.00	\$ 2,475.00	\$ 305.00	\$ 2,745.00	\$ 375.00	\$ 3,375.00
LA-3	11	EA	Quaking Aspen (Populus tremuloides) 2"	\$ 300.00	\$ 3,300.00	\$ 332.00	\$ 3,652.00	\$ 400.00	\$ 4,400.00
LA-4	142	EA	'insanti' Red Osier Dogwood "dwarf" (Cornus sericea 'Insanti')	\$ 20.00	\$ 2,840.00	\$ 15.00	\$ 2,130.00	\$ 52.85	\$ 7,504.70
<b>Total Construction Cost</b>				\$	<b>919,537.75</b>	\$	<b>931,734.88</b>	\$	<b>1,193,258.34</b>