

## Engineer's Opinion of Costs

**Project Number:** 21-0690

**Project Engineer:** Corey Kandow, PE

**Estimate Number:** 1

**Date Created:** 6/27/2022

**Project Type:** Miscellaneous

**Date Edited:** 1/4/2023

**Location:** 3151 Niles Rd

**Fed/State #:**

**Description:** Site Development

**Fed Item:**

**Control Section:**

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0001	1027060	_ Contingency (15%)	1.000	Dlr	\$400,000.00	\$400,000.00
0002	1100001	Mobilization, Max	1.000	LSUM	\$250,000.00	\$250,000.00
0003	2030001	Culv, Rem, Less than 24 inch	1.000	Ea	\$2,000.00	\$2,000.00
0004	2040020	Curb and Gutter, Rem	925.000	Ft	\$10.00	\$9,250.00
0005	2047011	_ Pavt, Rem, Modified	1,450.000	Syd	\$10.00	\$14,500.00
0006	2050016	Excavation, Earth (Pond Excavation)	4,400.000	Cyd	\$15.00	\$66,000.00
0007	2057002	_ Machine Grading, Modified	16.000	Sta	\$2,750.00	\$44,000.00
0008	2080020	Erosion Control, Inlet Protection, Fabric Drop	42.000	Ea	\$200.00	\$8,400.00
0009	2080036	Erosion Control, Silt Fence	3,200.000	Ft	\$2.50	\$8,000.00
0010	3010002	Subbase, CIP	3,400.000	Cyd	\$20.00	\$68,000.00
0011	3020020	Aggregate Base, 8 inch	8,750.000	Syd	\$15.00	\$131,250.00
0012	4010136	Culv, CI A, 36 inch	95.000	Ft	\$150.00	\$14,250.00
0013	4021110	Sewer, CI V, 12 inch, Tr Det B	500.000	Ft	\$100.00	\$50,000.00
0014	4021112	Sewer, CI V, 18 inch, Tr Det B	185.000	Ft	\$110.00	\$20,350.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0015	4021113	Sewer, CI V, 24 inch, Tr Det B	750.000	Ft	\$120.00	\$90,000.00
0016	4021115	Sewer, CI V, 36 inch, Tr Det B	605.000	Ft	\$130.00	\$78,650.00
0017	4021116	Sewer, CI V, 42 inch, Tr Det B	200.000	Ft	\$140.00	\$28,000.00
0018	4027001	_ Sanitary Service, PVC, 6 inch	300.000	Ft	\$75.00	\$22,500.00
0019	4027050	_ Sanitary Cleanout	6.000	Ea	\$1,250.00	\$7,500.00
0020	4027050	_ Sanitary Cleanout Cover	6.000	Ea	\$250.00	\$1,500.00
0021	4030050	Dr Structure Cover, Type K	18.000	Ea	\$750.00	\$13,500.00
0022	4030065	Dr Structure Cover, Type Q	9.000	Ea	\$750.00	\$6,750.00
0023	4030200	Dr Structure, 24 inch dia	4.000	Ea	\$3,000.00	\$12,000.00
0024	4030210	Dr Structure, 48 inch dia	26.000	Ea	\$3,500.00	\$91,000.00
0025	4030230	Dr Structure, 72 inch dia	1.000	Ea	\$6,000.00	\$6,000.00
0026	4037050	_ Dr Structure Cover, Type Q, Modified	12.000	Ea	\$750.00	\$9,000.00
0027	4037050	_ Dr Structure, Outlet Control Structure	2.000	Ea	\$3,500.00	\$7,000.00
0028	4040063	Underdrain, Subbase, 6 inch	3,200.000	Ft	\$7.50	\$24,000.00
0029	5010061	HMA Approach	300.000	Ton	\$115.00	\$34,500.00
0030	5012014	HMA, 3EMH	975.000	Ton	\$100.00	\$97,500.00
0031	5012026	HMA, 4EMH	975.000	Ton	\$105.00	\$102,375.00
0032	5012038	HMA, 5EMH	735.000	Ton	\$110.00	\$80,850.00
0033	8020016	Curb and Gutter, Conc, Det B2	375.000	Ft	\$30.00	\$11,250.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0034	8020023	Curb and Gutter, Conc, Det C4	3,125.000	Ft	\$30.00	\$93,750.00
0035	8030010	Detectable Warning Surface	130.000	Ft	\$50.00	\$6,500.00
0036	8030030	Curb Ramp Opening, Conc	190.000	Ft	\$50.00	\$9,500.00
0037	8030044	Sidewalk, Conc, 4 inch	13,960.000	Sft	\$5.00	\$69,800.00
0038	8032002	Curb Ramp, Conc, 6 inch	1,350.000	Sft	\$10.00	\$13,500.00
0039	8100371	Post, Steel, 3 pound	150.000	Ft	\$7.50	\$1,125.00
0040	8100404	Sign, Type IIIA	50.000	Sft	\$25.00	\$1,250.00
0041	8100405	Sign, Type IIIB	50.000	Sft	\$25.00	\$1,250.00
0042	8110041	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	680.000	Ft	\$7.50	\$5,100.00
0043	8110045	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	60.000	Ft	\$15.00	\$900.00
0044	8110063	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	3.000	Ea	\$250.00	\$750.00
0045	8110070	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	5.000	Ea	\$350.00	\$1,750.00
0046	8110071	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8.000	Ea	\$250.00	\$2,000.00
0047	8110231	Pavt Mrkg, Waterborne, 4 inch, White	250.000	Ft	\$0.50	\$125.00
0048	8110232	Pavt Mrkg, Waterborne, 4 inch, Yellow	3,200.000	Ft	\$0.50	\$1,600.00
0049	8120012	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	10.000	Ea	\$90.00	\$900.00
0050	8120013	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	10.000	Ea	\$5.00	\$50.00
0051	8120140	Lighted Arrow, Type C, Furn	2.000	Ea	\$1,000.00	\$2,000.00
0052	8120141	Lighted Arrow, Type C, Oper	2.000	Ea	\$100.00	\$200.00
0053	8120170	Minor Traf Devices	1.000	LSUM	\$25,000.00	\$25,000.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0054	8120350	Sign, Type B, Temp, Prismatic, Furn	300.000	Sft	\$5.00	\$1,500.00
0055	8120351	Sign, Type B, Temp, Prismatic, Oper	300.000	Sft	\$1.00	\$300.00
0056	8130005	Riprap, Heavy	250.000	Syd	\$125.00	\$31,250.00
0057	8157050	_ Canopy Tree, 2.5" cal.	62.000	Ea	\$700.00	\$43,400.00
0058	8162002	Slope Restoration, Non-Freeway, Type B	2,050.000	Syd	\$7.50	\$15,375.00
0059	8197001	_ Electrical Conduit, Install	400.000	Ft	\$1.50	\$600.00
0060	8197050	_ Electric Handhole, Install	20.000	Ea	\$150.00	\$3,000.00
0061	8197050	_ Light Pole with Luminaire, Single	20.000	Ea	\$7,000.00	\$140,000.00
0062	8197050	_ Light Pole, Fdn	20.000	Ea	\$2,000.00	\$40,000.00
0063	8207051	_ Traffic Signal	1.000	LSUM	\$300,000.00	\$300,000.00
0064	8230151	Water Main, DI, 6 inch, Tr Det G	640.000	Ft	\$130.00	\$83,200.00
0065	8230156	Water Main, DI, 8 inch, Tr Det G	1,500.000	Ft	\$190.00	\$285,000.00
0066	8230260	Live Tap, 6 inch by 8 inch	1.000	Ea	\$12,000.00	\$12,000.00
0067	8230264	Live Tap, 8 inch by 12 inch	1.000	Ea	\$13,000.00	\$13,000.00
0068	8230360	Gate Well, 60 inch dia	13.000	Ea	\$3,500.00	\$45,500.00
0069	8232000	Gate Well, Cover	13.000	Ea	\$1,000.00	\$13,000.00
0070	8237001	_ Water Main, DI, 4 inch, Tr Det G	290.000	Ft	\$70.00	\$20,300.00
0071	8237001	_ Water Serv, Trenchless, 1 inch	250.000	Ft	\$50.00	\$12,500.00
0072	8237050	_ Curb Stop and Box	4.000	Ea	\$750.00	\$3,000.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0073	8237050	_ Hydrant Assembly, Modified	4.000	Ea	\$6,000.00	\$24,000.00
0074	8252037	Sanitary Sewer, PVC, 8 inch, Tr Det B2	1,305.000	Ft	\$100.00	\$130,500.00
0075	8252072	Sanitary Structure, 48 inch dia	9.000	Ea	\$5,500.00	\$49,500.00
<b>Estimate Total: \$3,313,850.00</b>						