

Engineer's Opinion of Costs

Project Number: LOI 1383
Estimate Number: 1: LOI 1383 Conner TEDA Grant Estimate
Project Type: Resurfacing
Location: City of Detroit
 Conner
Description: TEDA Grant

Project Engineer: Abdul Siddiqui, PE
Date Created: 3/2/2020
Date Edited: 3/3/2020
Fed/State #:
Fed Item:
Control Section:

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
Category: 0001 Participating						
0001	2040050	Pavt, Rem	250.000	Syd	\$25.00	\$6,250.00
0002	2040055	Sidewalk, Rem	2,850.000	Syd	\$12.00	\$34,200.00
0003	2047001	_ Curb, Rem, Modified	179.000	Ft	\$16.00	\$2,864.00
0004	2047001	_ Integral Curb and Sidewalk, 2 feet, Rem, Modified	47.000	Ft	\$18.00	\$846.00
0005	2050023	Granular Material, CI II	250.000	Cyd	\$50.00	\$12,500.00
0006	2050041	Subgrade Undercutting, Type II	25.000	Cyd	\$55.00	\$1,375.00
0007	2057021	_ Excavation, Earth, Modified	750.000	Cyd	\$50.00	\$37,500.00
0008	3020010	Aggregate Base, 4 inch	2,650.000	Syd	\$25.00	\$66,250.00
0009	4037001	_ Dr Structure Lead, Cleaning, Modified	1,360.000	Ft	\$2.00	\$2,720.00
0010	4037030	_ Dr Structure Cover, Modified	37,400.000	Lb	\$1.00	\$37,400.00
0011	4037050	_ Dr Structure Cleaning, Modified	136.000	Ea	\$120.00	\$16,320.00
0012	4037050	_ Dr Structure Cover, Adj, Case 1, Modified	124.000	Ea	\$430.00	\$53,320.00
0013	4037050	_ Reconstructing Dr Structure, Case 1, Modified	12.000	Ea	\$700.00	\$8,400.00
0014	5010001	Pavt, Cleaning	1.000	LSUM	\$37,750.00	\$37,750.00
0015	5010005	HMA Surface, Rem	1,950.000	Syd	\$4.00	\$7,800.00
0016	5010008	Pavt for Butt Joints, Rem	191.000	Syd	\$4.00	\$764.00
0017	5010051	HMA, 4E3	5,506.000	Ton	\$88.00	\$484,528.00
0018	5010057	HMA, 5E3	4,129.000	Ton	\$90.00	\$371,610.00
0019	5017011	_ Cold Miling HMA Surface, Modified	50,053.000	Syd	\$4.00	\$200,212.00
0020	5017031	_ Conditioning Existing Pavement, Modified	385.000	Ton	\$150.00	\$57,750.00
0021	5017031	_ HMA Approach, Driveway, Modified	19.000	Ton	\$350.00	\$6,650.00
0022	5017031	_ HMA Approach, Modified	375.000	Ton	\$160.00	\$60,000.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0023	6027011	_ Pavt Repr, Nonreinf Conc, 10 inch, Modified	140.000	Syd	\$50.00	\$7,000.00
0024	6027011	_ Pavt Repr, Nonreinf Conc, 8 inch, Modified	250.000	Syd	\$48.00	\$12,000.00
0025	6037001	_ Curb, Conc, Detail CD, Modified	179.000	Ft	\$16.00	\$2,864.00
0026	6037011	_ Pavt Repr, Rem, Modified	140.000	Syd	\$20.00	\$2,800.00
0027	8027010	_ Sidewalk, Conc, 6 inch, Modified	21,735.000	Sft	\$6.00	\$130,410.00
0028	8037001	_ Integral Curb and Sidewalk, 2 Feet, Modified	47.000	Ft	\$18.00	\$846.00
0029	8037010	_ Sidewalk, Conc with Tree Roots, 4 inch, Modified	3,916.000	Sft	\$6.00	\$23,496.00
0030	8080120	Fence, Moving	2,000.000	Ft	\$10.00	\$20,000.00
0031	8107050	_ Delineator Post, 36 Inch, Salvage, Modified	400.000	Ea	\$75.00	\$30,000.00
0032	8107050	_ Delineator Post, 36 Inch, White, Modified	20.000	Ea	\$75.00	\$1,500.00
0033	8110093	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	7,800.000	Ft	\$2.75	\$21,450.00
0034	8110108	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	3,300.000	Ft	\$5.90	\$19,470.00
0035	8110109	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	240.000	Ft	\$5.90	\$1,416.00
0036	8110110	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	2,700.000	Ft	\$6.10	\$16,470.00
0037	8110111	Pavt Mrkg, Polyurea, 12 inch, White	450.000	Ft	\$1.90	\$855.00
0038	8110113	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	2,400.000	Ft	\$9.00	\$21,600.00
0039	8110153	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	40,500.000	Ft	\$0.35	\$14,175.00
0040	8110154	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	42,000.000	Ft	\$0.35	\$14,700.00
0041	8110400	Pavt Mrkg, Polyurea, Bus	30.000	Ea	\$130.00	\$3,900.00
0042	8110405	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	27.000	Ea	\$150.00	\$4,050.00
0043	8110410	Pavt Mrkg, Polyurea, Only	42.000	Ea	\$130.00	\$5,460.00
0044	8110412	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	6.000	Ea	\$150.00	\$900.00
0045	8110415	Pavt Mrkg, Polyurea, Stop	30.000	Ea	\$150.00	\$4,500.00
0046	8110451	Recessing Pavt Mrkg, Transv	10,200.000	Sft	\$2.75	\$28,050.00
0047	8117010	_ Pavt Mrkg, Polymer Cement, Base Field, Green	34,530.000	Sft	\$10.00	\$345,300.00
0048	8117010	_ Pavt Mrkg, Polymer Cement, Base Field, Red	7,260.000	Sft	\$40.00	\$290,400.00
0049	8117050	_ Pavt Mrkg, Polymer Cement, Bike Arrow, Small, White	150.000	Ea	\$150.00	\$22,500.00
0050	8117050	_ Pavt Mrkg, Polymer Cement, Bike Sym, Small, White	150.000	Ea	\$150.00	\$22,500.00
0051	8117050	_ Pavt Mrkg, Polymer Cement, Sharrow Sym, Small, White	60.000	Ea	\$150.00	\$9,000.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0052	8120012	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	20.000	Ea	\$85.00	\$1,700.00
0053	8120013	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	20.000	Ea	\$1.00	\$20.00
0054	8120140	Lighted Arrow, Type C, Furn	10.000	Ea	\$500.00	\$5,000.00
0055	8120141	Lighted Arrow, Type C, Oper	10.000	Ea	\$1.00	\$10.00
0056	8120245	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	1,800.000	Ft	\$1.10	\$1,980.00
0057	8120246	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	450.000	Ft	\$1.10	\$495.00
0058	8120250	Plastic Drum, High Intensity, Furn	60.000	Ea	\$18.00	\$1,080.00
0059	8120251	Plastic Drum, High Intensity, Oper	60.000	Ea	\$1.00	\$60.00
0060	8120350	Sign, Type B, Temp, Prismatic, Furn	4,000.000	Sft	\$4.00	\$16,000.00
0061	8120351	Sign, Type B, Temp, Prismatic, Oper	4,000.000	Sft	\$1.00	\$4,000.00
0062	8160055	Sodding	3,000.000	Syd	\$25.00	\$75,000.00
0063	8160090	Water, Sodding/Seeding	10.000	Unit	\$51.00	\$510.00
0064	8167021	_ Topsoil Surface, Furn, LM, Modified	250.000	Cyd	\$90.00	\$22,500.00
0065	8210001	Monument Box	1.000	Ea	\$800.00	\$800.00
0066	8210015	Monument Preservation, Vertical	1.000	Ea	\$2,000.00	\$2,000.00
0067	8237050	_ Water Shutoff, Adj, Modified	2.000	Ea	\$700.00	\$1,400.00
Category 0001 Total: \$2,717,176.00						
Category: 0004 Miscellaneous						
0068	1500001	Mobilization, Max 10%	1.000	LSUM	\$312,824.00	\$312,824.00
0069	8120170	Minor Traf Devices	1.000	LSUM	\$50,000.00	\$50,000.00
0070	8120370	Traf Regulator Control	1.000	LSUM	\$50,000.00	\$50,000.00
Category 0004 Total: \$412,824.00						
Estimate Total: \$3,130,000.00						