

Engineer's Opinion of Costs

Project Number: 2075149600 Estimate Number: 4: Final Estimate - Lohr Road Project Type: Miscellaneous Location: Pittsfield Township Washtenaw County Description: Pittsfield Pedestrian Safety Improvement Projects	Project Engineer: Claire Martin Date Created: 11/19/2019 Date Edited: 11/19/2019 Fed/State #: Fed Item: Control Section:
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Line	Pay Item	Description	Quantity	Units	Unit Price	Total
Category: 0001 Participating						
0001	1500001	Mobilization, Max 10%	1.000	LSUM	\$20,000.00	\$20,000.00
0002	2030001	Culv, Rem, Less than 24 inch	1.000	Ea	\$500.00	\$500.00
0003	2030011	Dr Structure, Rem	1.000	Ea	\$500.00	\$500.00
0004	2040021	Curb, Rem	247.000	Ft	\$15.00	\$3,705.00
0005	2040050	Pavt, Rem	636.000	Syd	\$30.00	\$19,080.00
0006	2040055	Sidewalk, Rem	61.000	Syd	\$20.00	\$1,220.00
0007	2057021	_ Subgrade Undercutting, Modified	30.000	Cyd	\$70.00	\$2,100.00
0008	2080036	Erosion Control, Silt Fence	200.000	Ft	\$5.00	\$1,000.00
0009	2087050	_ Erosion Control, Inlet Protection, Fabric Drop, Modified	2.000	Ea	\$250.00	\$500.00
0010	2090001	Project Cleanup	1.000	LSUM	\$10,000.00	\$10,000.00
0011	2097051	_ Audio Video DVD, Special	1.000	LSUM	\$2,500.00	\$2,500.00
0012	4010131	Culv, Cl A, 12 inch	66.000	Ft	\$50.00	\$3,300.00
0013	4030050	Dr Structure Cover, Type K	2.000	Ea	\$700.00	\$1,400.00
0014	4030200	Dr Structure, 24 inch dia	1.000	Ea	\$1,500.00	\$1,500.00
0015	4030210	Dr Structure, 48 inch dia	1.000	Ea	\$2,000.00	\$2,000.00
0016	5010025	Hand Patching	1.500	Ton	\$300.00	\$450.00
0017	5010050	HMA, 4E1	32.000	Ton	\$130.00	\$4,160.00
0018	5010703	HMA, LVSP	44.000	Ton	\$130.00	\$5,720.00
0019	6020030	Conc, Grade P1	1.500	Cyd	\$500.00	\$750.00
0020	8020038	Curb and Gutter, Conc, Det F4	202.000	Ft	\$50.00	\$10,100.00
0021	8030010	Detectable Warning Surface	20.000	Ft	\$75.00	\$1,500.00
0022	8030030	Curb Ramp Opening, Conc	20.000	Ft	\$50.00	\$1,000.00
0023	8030036	Sidewalk Ramp, Conc, 6 inch	586.000	Sft	\$10.00	\$5,860.00

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0024	8030044	Sidewalk, Conc, 4 inch	305.000	Sft	\$5.00	\$1,525.00
0025	8037010	_ Sidewalk, Grading	891.000	Sft	\$5.00	\$4,455.00
0026	8100306	Mast Arm Std Fdn, Cased	18.000	Ft	\$500.00	\$9,000.00
0027	8100405	Sign, Type IIIB	55.500	Sft	\$20.00	\$1,110.00
0028	8100512	Mast Arm Pole, Cat III , Black	1.000	Ea	\$7,500.00	\$7,500.00
0029	8100541	Mast Arm, 25 foot, Cat III , Black	1.000	Ea	\$6,000.00	\$6,000.00
0030	8107050	_ Side Pole Cabinet	1.000	Ea	\$5,000.00	\$5,000.00
0031	8110091	Pavt Mrkg, Polyurea, 4 inch, White	25.000	Ft	\$1.00	\$25.00
0032	8110092	Pavt Mrkg, Polyurea, 4 inch, Yellow	250.000	Ft	\$1.00	\$250.00
0033	8110110	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	161.000	Ft	\$15.00	\$2,415.00
0034	8110114	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	25.000	Ft	\$10.00	\$250.00
0035	8110343	Rem Spec Mrkg	17.000	Sft	\$2.00	\$34.00
0036	8110405	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	1.000	Ea	\$150.00	\$150.00
0037	8110412	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	1.000	Ea	\$150.00	\$150.00
0038	8120022	Barricade, Type III, High Intensity, Lighted, Furn	5.000	Ea	\$75.00	\$375.00
0039	8120023	Barricade, Type III, High Intensity, Lighted, Oper	5.000	Ea	\$5.00	\$25.00
0040	8120026	Pedestrian Type II Barricade, Temp	3.000	Ea	\$100.00	\$300.00
0041	8120035	Channelizing Device, 42 inch, Fluorescent, Furn	100.000	Ea	\$20.00	\$2,000.00
0042	8120036	Channelizing Device, 42 inch, Fluorescent, Oper	100.000	Ea	\$2.00	\$200.00
0043	8120140	Lighted Arrow, Type C, Furn	2.000	Ea	\$500.00	\$1,000.00
0044	8120141	Lighted Arrow, Type C, Oper	2.000	Ea	\$50.00	\$100.00
0045	8120170	Minor Traf Devices	1.000	LSUM	\$10,000.00	\$10,000.00
0046	8120350	Sign, Type B, Temp, Prismatic, Furn	250.000	Sft	\$5.00	\$1,250.00
0047	8120351	Sign, Type B, Temp, Prismatic, Oper	250.000	Sft	\$1.00	\$250.00
0048	8120370	Traf Regulator Control	1.000	LSUM	\$15,000.00	\$15,000.00
0049	8167011	_ Turf Establishment, Performance	500.000	Syd	\$10.00	\$5,000.00
0050	8190029	Conduit, DB, 1, 3 inch	15.000	Ft	\$50.00	\$750.00
0051	8190260	Hh, Round	1.000	Ea	\$2,000.00	\$2,000.00
0052	8190396	Cable, Sec, 600V, 1, 2/C#6	50.000	Ft	\$10.00	\$500.00
0053	8190489	Wood Pole, Fit Up, Metered Sec Elec Serv	1.000	Ea	\$3,000.00	\$3,000.00
0054	8200100	Pedestal, Alum	4.000	Ea	\$1,000.00	\$4,000.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0055	8200105	Pedestal, Fdn	4.000	Ea	\$900.00	\$3,600.00
0056	8200116	Power Co. (Est. Cost to Contractor)	3,500.000	Dlr	\$1.00	\$3,500.00
0057	8200135	Serv Disconnect	1.000	Ea	\$1,000.00	\$1,000.00
0058	8207050	_ Crosswalk Sign, Two Way, Illuminated (LED) with Downlight	1.000	Ea	\$5,000.00	\$5,000.00
0059	8207050	_ Flsh Beacon, Rectangular Rapid, Solar Powered, Double Sided	2.000	Ea	\$8,000.00	\$16,000.00
0060	8207050	_ Flsh Beacon, Rectangular Rapid, Solar Powered, Single Sided	2.000	Ea	\$6,000.00	\$12,000.00
0061	8207050	_ Pushbutton and Sign, Modified	2.000	Ea	\$750.00	\$1,500.00

Category 0001 Total: \$225,059.00

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Estimate Total:						\$225,059.00