

Berrien County Road Department

Engineer's Opinion of Costs

Project Number: 11000-206395-1
Estimate Number: 1: HMA Trench & Widen
Miscellaneous
Project Type:
Location: Bertrand Rd
M-51 to County line
Description: HMA Trench & Widen

Project Engineer: K stack
Date Created: 11/21/2022
Date Edited: 11/21/2022
Fed/State #:
Fed Item:
Control Section:

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0001	1100001	Mobilization, Max	1.000	LSUM	\$53,904.00	\$53,904.00
0002	2040050	Pavt, Rem	100.000	Syd	\$7.28	\$728.00
0003	2080020	Erosion Control, Inlet Protection, Fabric Drop	4.000	Ea	\$119.87	\$479.48
0004	3070021	Approach, CI II	100.000	Ton	\$26.33	\$2,633.00
0005	3070121	Shld, CI II	350.000	Ton	\$17.52	\$6,132.00
0006	3070200	Trenching	126.000	Sta	\$379.24	\$47,784.24
0007	4030004	Dr Structure Cover, Adj, Case 1, Modified	19.000	Ea	\$822.22	\$15,622.18
0008	4030025	Dr Structure Cover, Type D	2.000	Ea	\$572.17	\$1,144.34
0009	4030050	Dr Structure Cover, Type K	1.000	Ea	\$736.52	\$736.52
0010	4030390	Dr Structure, Temp Lowering	16.000	Ea	\$500.00	\$8,000.00
0011	4037050	Dr Structure Cover, Type Q, Sanitary Sewer Spec	16.000	Ea	\$500.00	\$8,000.00
0012	5010002	Cold Milling HMA Surface	1,200.000	Syd	\$5.00	\$6,000.00
0013	5010008	Pavt for Butt Joints, Rem	400.000	Syd	\$10.23	\$4,092.00
0014	5010061	HMA Approach	200.000	Ton	\$124.63	\$24,926.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0015	5012025	HMA, 4EML	2,000.000	Ton	\$73.34	\$146,680.00
0016	5012037	HMA, 5EML	2,830.000	Ton	\$71.93	\$203,561.90
0017	8110063	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	2.000	Ea	\$182.02	\$364.04
0018	8110077	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	2.000	Ea	\$213.33	\$426.66
0019	8110231	Pavt Mrkg, Waterborne, 4 inch, White	13,000.000	Ft	\$0.12	\$1,560.00
0020	8110232	Pavt Mrkg, Waterborne, 4 inch, Yellow	2,320.000	Ft	\$0.11	\$255.20
0021	8120012	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8.000	Ea	\$92.87	\$742.96
0022	8120013	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8.000	Ea	\$2.63	\$21.04
0023	8120035	Channelizing Device, 42 inch, Fluorescent, Furn	150.000	Ea	\$18.43	\$2,764.50
0024	8120036	Channelizing Device, 42 inch, Fluorescent, Oper	150.000	Ea	\$0.86	\$129.00
0025	8120130	Lighted Arrow, Type B, Furn	2.000	Ea	\$446.67	\$893.34
0026	8120131	Lighted Arrow, Type B, Oper	2.000	Ea	\$26.67	\$53.34
0027	8120170	Minor Traf Devices	1.000	LSUM	\$25,000.00	\$25,000.00
0028	8120350	Sign, Type B, Temp, Prismatic, Furn	545.000	Sft	\$3.55	\$1,934.75
0029	8120351	Sign, Type B, Temp, Prismatic, Oper	545.000	Sft	\$0.65	\$354.25
0030	8120370	Traf Regulator Control	1.000	LSUM	\$25,000.00	\$25,000.00
0031	8162002	Slope Restoration, Non-Freeway, Type B	500.000	Syd	\$4.00	\$2,000.00
0032	8210001	Monument Box	2.000	Ea	\$514.46	\$1,028.92

Estimate Total: \$592,951.66