



WADE TRIM

271 W. McCoy Road, Gaylord, MI 49735
Phone: 989.732.3584 - FAX: 989.732.6391

Opinion of Probable Cost Village of Topinabee Enhancement Project Village Center

This project estimate is Wade Trim's opinion of probable cost based upon the available information.
Project Description: 0.23 miles of curb and gutter, sidewalk, parking lot construction, storm water control and sedimentation removal, restoration and other miscellaneous appurtenances.

Prepared: 10/28/11

Mainline

Line	Description	Quantity	Unit	Unit Price	Amount
1	Curb and Gutter, Rem	285	FT	\$ 6.00	\$1,710
2	Sidewalk, Rem	3,491	SYD	\$ 2.50	\$8,728
3	Pavement, Rem	4,211	SYD	\$ 6.50	\$27,372
4	Tree, Rem, 18"-36"	3	SYD	\$ 750.00	\$2,250
5	Stump, Rem	4	SYD	\$ 250.00	\$1,000
6	Excavation, Earth	2,000	CYD	\$ 7.50	\$15,000
7	Embankment, CIP	1,000	CYD	\$ 8.50	\$8,500
8	Subbase, CIP	1,645	CYD	\$ 6.50	\$10,693
9	Subgrade Undercutting, Type II (Allowance)	250	CYD	\$ 10.00	\$2,500
10	HMA, 5E3	606	TON	\$ 85.00	\$51,510
11	HMA, 4E3	906	TON	\$ 85.00	\$77,010
12	Aggregate Base, 6" CIP	4,934	SYD	\$ 7.00	\$34,538
13	Curb and Gutter, Conc, Det B2	2,742	FT	\$ 20.00	\$54,840
14	Sidewalk, Conc, 4 inch	17,191	SFT	\$ 3.75	\$64,466
15	Sidewalk, Conc, 6 inch	3,128	SFT	\$ 4.50	\$14,076
16	Sidewalk, Conc, 6 inch ADA Ramps	320	SFT	\$ 16.50	\$5,280
Subtotal Mainline PVT:					\$379,472

Non-motorized

Line	Description	Quantity	Unit	Unit Price	Amount
17	Retaining Wall, 8" (tall)	96	LFT	\$ 300.00	\$28,800
18	Retaining Wall, 2.5' (tall)	535	LFT	\$ 150.00	\$80,250
19	Railing, Decorative	535	LFT	\$ 75.00	\$40,125
Subtotal Non-motorized:					\$149,175

Drainage

Line	Description	Quantity	Unit	Unit Price	Amount
20	Sewer, Rem, Less than 24 inch	1,646	FT	\$ 8.50	\$13,991
21	Dr Structure, Rem	14	EA	\$ 450.00	\$6,300
22	Culv End Sect, 12 inch	1	EA	\$ 185.00	\$185
23	Culv End Sect, 15 inch	1	EA	\$ 250.00	\$250
24	Culv End Sect, 24 inch	1	EA	\$ 350.00	\$350
25	Sewer, CI A, 12 inch, Tr Det B	885	FT	\$ 27.00	\$23,895
26	Sewer, CI A, 15 inch, Tr Det B	1,135	FT	\$ 32.50	\$36,888
27	Sewer, CI A, 24 inch, Tr Det B	140	FT	\$ 45.00	\$6,300
28	Dr Structure, 24 inch dia	12	EA	\$ 800.00	\$9,600
29	Dr Structure, 48 inch Dia	16	EA	\$ 1,250.00	\$20,000
30	Dr Structure, 72 inch Dia	1	EA	\$ 3,500.00	\$3,500
31	Dr Structure Cover	10,150	LBS	\$ 1.35	\$13,703
32	Underground Storm Water Retention Basin	1	LSUM	\$ 30,000.00	\$30,000
33	Underground Storm Water Sedimentation Basin	1	LSUM	\$ 45,000.00	\$45,000
Subtotal Drainage:					\$209,961

Maintaining Traffic

Line	Description	Quantity	Unit	Unit Price	Amount
34	Minor Traffic Devices	1	LS	\$ 8,000.00	\$8,000
35	Flag Control	1	LS	\$ 12,000.00	\$12,000
36	Plastic Drum, High Intensity, Furn	65	EA	\$ 20.00	\$1,300
37	Plastic Drum, High Intensity, Oper	65	EA	\$ 2.00	\$130
38	Lighted Arrow, Type C, Furn	1	EA	\$ 500.00	\$500
39	Lighted Arrow, Type C, Oper	1	EA	\$ 100.00	\$100
40	Lighted Arrow, Type C, Standby	1	EA	\$ 500.00	\$500
41	Sign, Type B, Temp, Furn	1,200	SFT	\$ 3.81	\$4,572
42	Sign, Type B, Temp, Oper	1,200	SFT	\$ 1.00	\$1,200
43	Sign Cover	10	EA	\$ 15.00	\$150
44	Barricade, Type III, High Intensity, Furn	10	EA	\$ 120.00	\$1,200
45	Barricade, Type III, High Intensity, Oper	10	EA	\$ 25.00	\$250

Subtotal Maintaining Traffic:	\$29,902
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Permanent Traffic Control Devices

<u>Line</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
46	Pavt Mrkg, Waterborne, 6 inch, White	2,351	FT	\$ 0.20	\$470
47	Pavt Mrkg, Waterborne, 4 inch, White	1,132	FT	\$ 0.20	\$226
48	Pavt Mrkg, Waterborne, 6 inch, Yellow	629	FT	\$ 0.20	\$126
49	Pavt Mrkg, Waterborne, 4 inch, Yellow	2,056	FT	\$ 0.20	\$411
50	Sign, Type II, Rem	10	EA	\$ 15.00	\$150
51	Sign, Type IIB	200	SFT	\$ 18.50	\$3,700
52	Post, Steel, 3 lb	160	FT	\$ 4.50	\$720
Subtotal Permanent Traffic Control Devices:					\$5,804

Environmental

<u>Line</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
53	Topsoil Surface, Furn, 4 inch	6,000	SYD	\$ 2.34	\$14,040
54	Seeding, Mixture TDS (220 #/acre)	280	LBS	\$ 3.69	\$1,033
55	Fertilizer, Chemical Nutrient, CI A	280	LBS	\$ 2.08	\$582
56	Mulch	6,000	SYD	\$ 0.25	\$1,500
57	Mulch Anchoring	3,000	SYD	\$ 0.07	\$210
58	Mulch Blanket	3,000	SYD	\$ 1.25	\$3,750
59	Erosion Control, Inlet Protection, Fabric	29	EA	\$ 75.00	\$2,175
60	Erosion Control, Sediment Trap	2	EA	\$ 50.00	\$100
61	Erosion Control, Silt Fence	500	FT	\$ 2.00	\$1,000
62	Riprap, Plain	100	SYD	\$ 45.00	\$4,500
Subtotal Environmental:					\$28,891

Electrical

<u>Line</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
63	Removal of Existing Poles and OH Street Lights	1	LS	\$ 35,000.00	\$35,000
64	Reconstruct Cable Fiber Optic and Coaxial	1	LS	\$ 18,500.00	\$18,500
64	Reconnect existing elec, cable and phone services	1	LS	\$ 15,000.00	\$15,000
65	Decorative Light Pole, Base, Lamp , conduit and wiring	26	EA	\$ 6,500.00	\$169,000
66	Control Panel	1	EA	\$ 8,000.00	\$8,000
Subtotal Electrical:					\$245,500

Miscellaneous

<u>Line</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
67	Mobilization, Max 5%	1	LS	\$ 6,000.00	\$6,000
68	Contractor Staking	1	LS	\$ 20,000.00	\$20,000
69	Staking Plan Errors and Extras, One	10	HR	\$ 75.00	\$750
70	Staking Plan Errors and Extras, Two	4	HR	\$ 100.00	\$400
71	Staking Plan Errors and Extras, Three	6	HR	\$ 125.00	\$750
Subtotal Miscellaneous:					\$27,900

Right of Way

<u>Line</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
72	Grading Permits	1	LS	\$ 5,000.00	\$5,000
Subtotal Right of Way:					\$5,000

Total Project:					\$1,081,604
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Contingency (10%)	\$ 108,160.40
Total Estimated Construction Costs	\$ 1,189,764.35
Design Engineering (8%)	\$ 95,181.15
Construction Engineering (10%)	\$ 118,976.43
Environmental Review	\$ 4,000.00
Outreach/Media Specialist	\$ -
Grant Oversight/Regulatory Compliance	\$ -
Cerified Public Accountant	\$ -
Legal	\$ 25,000.00

Total Estimated Project Cost	\$1,432,922
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Prepared by: _____ Date: _____
 Paul M. Repasky, PE - Wade Trim, Inc.