

Item	Quantity	Unit	Engineer's Estimate		V.L.L. Construction, Inc.		F.D.M. Contracting, Inc.		Pamar Enterprises		
			Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	
BASE BID											
<u>Item</u>											
1.	Mobilization, Max 5%	1	lsum	\$60,000.00	\$60,000.00	\$125,000.00	\$125,000.00	\$185,000.00	\$185,000.00	\$192,000.00	\$192,000.00
2.	Erosion Control, Inlet Protection, Fabric Drop	7	ea	\$125.00	\$875.00	\$100.00	\$700.00	\$250.00	\$1,750.00	\$195.00	\$1,365.00
3.	Erosion Control, Silt Fence	600	ft	\$2.00	\$1,200.00	\$3.00	\$1,800.00	\$5.00	\$3,000.00	\$3.00	\$1,800.00
4.	Site Clearing & Grubbing	1	lsum	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00	\$20,000.00	\$20,000.00	\$9,000.00	\$9,000.00
5.	Tree, Remove, 6 to 12 in Dia (if needed)	13	ea	\$600.00	\$7,800.00	\$150.00	\$1,950.00	\$500.00	\$6,500.00	\$300.00	\$3,900.00
6.	Tree, Remove, 13 to 18 in Dia (if needed)	11	ea	\$850.00	\$9,350.00	\$200.00	\$2,200.00	\$900.00	\$9,900.00	\$800.00	\$8,800.00
7.	Tree, Remove, 19 to 36 in Dia (if needed)	4	ea	\$1,500.00	\$6,000.00	\$300.00	\$1,200.00	\$1,700.00	\$6,800.00	\$2,200.00	\$8,800.00
8.	Pavement, Rem.	566	syd	\$10.00	\$5,660.00	\$20.00	\$11,320.00	\$30.00	\$16,980.00	\$16.00	\$9,056.00
9.	Curb and Gutter, Rem.	190	lft	\$5.00	\$950.00	\$15.00	\$2,850.00	\$20.00	\$3,800.00	\$5.00	\$950.00
10.	Gate Valve and Well, Rem.	1	ea	\$1,500.00	\$1,500.00	\$750.00	\$750.00	\$2,500.00	\$2,500.00	\$650.00	\$650.00
11.	Storm Structure, Rem.	2	ea	\$600.00	\$1,200.00	\$750.00	\$1,500.00	\$600.00	\$1,200.00	\$650.00	\$1,300.00
12.	Storm Sewer, Rem., Less than 24 Inch	110	lft	\$30.00	\$3,300.00	\$5.00	\$550.00	\$40.00	\$4,400.00	\$15.00	\$1,650.00
13.	Sanitary Manhole, Rem.	1	ea	\$1,500.00	\$1,500.00	\$850.00	\$850.00	\$7,500.00	\$7,500.00	\$1,500.00	\$1,500.00
14.	Sanitary Manhole, Abandon	1	ea	\$900.00	\$900.00	\$700.00	\$700.00	\$3,000.00	\$3,000.00	\$500.00	\$500.00
15.	Sanitary Sewer, 15 Inch, Rem.	347	lft	\$35.00	\$12,145.00	\$5.00	\$1,735.00	\$300.00	\$104,100.00	\$45.00	\$15,615.00
16.	Sanitary Sewer, 15 Inch, Abandon	118	lft	\$10.00	\$1,180.00	\$3.00	\$354.00	\$50.00	\$5,900.00	\$10.00	\$1,180.00
17.	Non-Hazardous Contaminated Soil Disposal (if needed)	20	ton	\$100.00	\$2,000.00	\$50.00	\$1,000.00	\$100.00	\$2,000.00	\$50.00	\$1,000.00
18.	Temporary Water Stop, 16 Inch	2	ea	\$22,500.00	\$45,000.00	\$8,500.00	\$17,000.00	\$35,000.00	\$70,000.00	\$10,000.00	\$20,000.00
19.	Gate Valve and Well, 8 inch	1	ea	\$9,000.00	\$9,000.00	\$7,500.00	\$7,500.00	\$9,500.00	\$9,500.00	\$12,500.00	\$12,500.00
20.	Temporary Water Service, 2 Inch, HDPE, HDD	145	lft	\$120.00	\$17,400.00	\$30.00	\$4,350.00	\$200.00	\$29,000.00	\$110.00	\$15,950.00
21.	Reconnect Water Service	1	ea	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00
22.	Bypass Pumping Set Up & Break Down	1	lsum	\$20,000.00	\$20,000.00	\$7,500.00	\$7,500.00	\$175,000.00	\$175,000.00	\$50,000.00	\$50,000.00
23.	Bypass Pumping Operation	28	day	\$5,000.00	\$140,000.00	\$200.00	\$5,600.00	\$2,000.00	\$56,000.00	\$4,150.00	\$116,200.00
24.	Temp Earth Retention Systems	1	lsum	\$95,000.00	\$95,000.00	\$395,000.00	\$395,000.00	\$475,000.00	\$475,000.00	\$912,579.00	\$912,579.00
25.	Pile, 12" Dia. Steel Pipe, Furn.	6,650	ft	\$85.00	\$565,250.00	\$58.00	\$385,700.00	\$61.00	\$405,650.00	\$50.00	\$332,500.00
26.	Pile Driving Equipment, Furn.	1	lsum	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$61,000.00	\$61,000.00	\$110,000.00	\$110,000.00
27.	Pile, 12" Dia. Steel Pipe, Driven	6,650	ft	\$10.00	\$66,500.00	\$16.00	\$106,400.00	\$18.00	\$119,700.00	\$40.00	\$266,000.00
28.	Sanitary Manhole, 60 inch Dia, Pile Supported Base	2	ea	\$15,000.00	\$30,000.00	\$22,500.00	\$45,000.00	\$48,000.00	\$96,000.00	\$37,500.00	\$75,000.00
29.	Sanitary Sewer, 16 inch, DI CL 54, Pile Supported	462	lft	\$180.00	\$83,160.00	\$1,850.00	\$854,700.00	\$4,836.00	\$2,234,232.00	\$4,390.00	\$2,028,180.00
30.	Concrete Saddle	1	cyd	\$450.00	\$450.00	\$1,000.00	\$1,000.00	\$600.00	\$600.00	\$1,100.00	\$1,100.00
31.	Reconnect Existing Sanitary Sewer Lead	3	ea	\$750.00	\$2,250.00	\$2,000.00	\$6,000.00	\$3,000.00	\$9,000.00	\$9,800.00	\$29,400.00
32.	Connect to Existing Manhole	2	ea	\$4,000.00	\$8,000.00	\$4,500.00	\$9,000.00	\$10,000.00	\$20,000.00	\$21,670.00	\$43,340.00
33.	Connect to Existing Sewer	1	ea	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$10,000.00	\$10,000.00	\$19,690.00	\$19,690.00
34.	Storm Sewer, 12 Inch, CMP	65	ft	\$95.00	\$6,175.00	\$105.00	\$6,825.00	\$125.00	\$8,125.00	\$77.00	\$5,005.00
35.	Storm Sewer, 12 Inch, RCP C76 CL-IV	45	ft	\$110.00	\$4,950.00	\$185.00	\$8,325.00	\$150.00	\$6,750.00	\$108.00	\$4,860.00
36.	Catch Basin, 48 Inch Dia., Low Head, with Frame and Cover EJ 7045	2	ea	\$1,800.00	\$3,600.00	\$4,500.00	\$9,000.00	\$6,500.00	\$13,000.00	\$5,600.00	\$11,200.00
37.	Concrete Curb and Gutter, Det F4	190	lft	\$40.00	\$7,600.00	\$43.00	\$8,170.00	\$50.00	\$9,500.00	\$40.00	\$7,600.00
38.	Concrete Spillway	1	ea	\$500.00	\$500.00	\$900.00	\$900.00	\$1,000.00	\$1,000.00	\$750.00	\$750.00
39.	21AA Aggregate Base, 10 Inch	150	ton	\$20.00	\$3,000.00	\$27.00	\$4,050.00	\$50.00	\$7,500.00	\$78.00	\$11,700.00
40.	HMA, 3E1, 3.5 Inch	85	ton	\$250.00	\$21,250.00	\$250.00	\$21,250.00	\$350.00	\$29,750.00	\$130.00	\$11,050.00
41.	HMA, 4E1, 2 Inch	48	ton	\$250.00	\$12,000.00	\$250.00	\$12,000.00	\$350.00	\$16,800.00	\$180.00	\$8,640.00
42.	HMA, 5E1, 1.5 Inch	36	ton	\$250.00	\$9,000.00	\$250.00	\$9,000.00	\$350.00	\$12,600.00	\$205.00	\$7,380.00
43.	Concrete Safety Path, 4 Inch	1,515	sft	\$8.00	\$12,120.00	\$8.00	\$12,120.00	\$8.00	\$12,120.00	\$10.00	\$15,150.00
44.	Detectable Warning Surface, 2 ft. Wide	8	lft	\$80.00	\$640.00	\$175.00	\$1,400.00	\$100.00	\$800.00	\$220.00	\$1,760.00
45.	Sign, Remove, Salvage and Reinstall	6	ea	\$150.00	\$900.00	\$150.00	\$900.00	\$250.00	\$1,500.00	\$250.00	\$1,500.00
46.	Turf Restoration	1,300	syd	\$8.00	\$10,400.00	\$12.00	\$15,600.00	\$15.00	\$19,500.00	\$16.50	\$21,450.00

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47. Replacement Tree, Evergreen, 10 to 12 ft Height (if needed)	20	ea	\$1,200.00	\$24,000.00	\$500.00	\$10,000.00	\$1,200.00	\$24,000.00	\$750.00	\$15,000.00
48. Replacement Tree, Deciduous , 3 Inch Caliper (if needed)	7	ea	\$950.00	\$6,650.00	\$450.00	\$3,150.00	\$950.00	\$6,650.00	\$650.00	\$4,550.00
49. Remove, Salvage and Replace Existing Landscaping	1	lsum	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$50,000.00	\$50,000.00	\$10,000.00	\$10,000.00
50. Pavement Markings	1	lsum	\$1,500.00	\$1,500.00	\$1,200.00	\$1,200.00	\$5,000.00	\$5,000.00	\$900.00	\$900.00
51. Maintaining Traffic	1	lsum	\$75,000.00	\$75,000.00	\$377,500.00	\$377,500.00	\$39,000.00	\$39,000.00	\$46,500.00	\$46,500.00
52. Color Audio-Video Route Survey	1	lsum	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00
TOTAL BID AMOUNT				\$1,499,355.00		\$2,599,599.00		\$4,422,107.00		\$4,480,000.00

Engineer's Estimate
 Hubbell Roth & Clark, Inc
 Bloomfield Hills, MI | (248) 454-6300

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Pamar Enterprises
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 New Haven, MI | (586) 749-8593

ENGINEER: Christopher Ross, P.E.
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* Corrected by Engineer

Engineer's Estimate Note:
 \$1,499,355.00