

Engineer's Opinion of Probable Costs
 Souris River Joint Board
 MREFPP MI-2C
 West Peterson Coulee Outlet

Item No.	Description	Quantity	Unit	Unit Price	Subtotal
1	Mobilization/Demobilization	1	LS	\$ 200,000.00	\$200,000.00
2	Pre-Condition Roadway Assessment	1	LS	\$ 1,000.00	\$1,000.00
3	Post-Condition Roadway Assessment	1	LS	\$ 1,000.00	\$1,000.00
4	Quality Control	1	LS	\$ 18,000.00	\$18,000.00
5	Temporary Staging Areas	1	LS	\$ 15,000.00	\$15,000.00
6	Control of Water and Dewatering	1	LS	\$ 30,000.00	\$30,000.00
7	Traffic and Pedestrian Safety Control Measures	1	LS	\$ 5,000.00	\$5,000.00
8	Construction Fence (Orange)	2,500	LF	\$ 3.00	\$7,500.00
9	Construction Entrance	3	EA	\$ 1,350.00	\$4,050.00
10	Temporary Roadway Bypass (41st Street)	1	LS	\$ 10,000.00	\$10,000.00
11	Erosion Control Blanket (All Types)	15,000	SY	\$ 2.00	\$30,000.00
12	Silt Fence (Type)	500	LF	\$ 2.25	\$1,125.00
13	Inlet Protection (All Types)	16	EA	\$ 32.00	\$512.00
14	Temporary Rock Filter Dike	4	EA	\$ 2,600.00	\$10,400.00
15	Fiber Roll (All Types)	1,500	LF	\$ 2.50	\$3,750.00
16	Temporary Seeding	2.0	AC	\$ 250.00	\$500.00
17	Temporary Mulching (All Types)	2.0	AC	\$ 500.00	\$1,000.00
18	Temporary Hydromulching	2.0	AC	\$ 2,000.00	\$4,000.00
19	Dust Control	1	LS	\$ 5,000.00	\$5,000.00
20	Clear and Grub	4.5	AC	\$ 2,500.00	\$11,250.00
21	Remove and Replace Topsoil	2.0	AC	\$ 5,500.00	\$11,000.00
22	Sawcut Pavement (All Types)	94	LF	\$ 5.00	\$470.00
23	Remove Bituminous Pavement	450	SY	\$ 5.00	\$2,250.00
24	Remove Aggregate Surface	106	SY	\$ 4.00	\$424.00
25	Remove Pipe (All Types, All Sizes)	302	LF	\$ 20.00	\$6,040.00
26	Remove End Section (All Types, All)	3	EA	\$ 225.00	\$675.00
27	Remove Box Culvert	1	LS	\$ 35,000.00	\$35,000.00
28	Remove Rip Rap	90	SY	\$ 20.00	\$1,800.00
29	Excavation (Unclassified at Riprap Subcut)	335.0	BCY	\$ 8.00	\$2,680.00
30	Haul and Dispose Excavated Material Off-Site (Unclassified)	1,085	BCY	\$ 10.00	\$10,850.00
31	Embankment	525.0	ECY	\$ 15.00	\$7,875.00
32	NDDOT Grade 1 RipRap	740	TON	\$ 50.00	\$37,000.00
33	NDDOT Grade 2 RipRap	325	TON	\$ 60.00	\$19,500.00
34	Turf Reinforcement Mat (TRM)	63	SY	\$ 75.00	\$4,725.00
35	Roadway Subgrade Preparation	700	SY	\$ 2.00	\$1,400.00
36	Geotextile Fabric (Roadway Type R-1)	440	SY	\$ 2.50	\$1,100.00
37	Aggregate Surface Course (NDDOT CL 13)	50	TON	\$ 20.00	\$1,000.00
38	Aggregate Base Course (NDDOT CL V)	230	TON	\$ 20.00	\$4,600.00
39	Bituminous Pavement (Superpave FAA 43 w/ PG 58S-28 Asphalt Cement)	100	TON	\$ 125.00	\$12,500.00
40	Storm Manhole (60" DIA, RCP)	1	EA	\$ 15,000.00	\$15,000.00
41	Storm Manhole (84" DIA, RCP)	6	EA	\$ 20,000.00	\$120,000.00
42	Storm Manhole (96" DIA, RCP)	1	EA	\$ 22,500.00	\$22,500.00
43	Storm Sewer (15", RCP)	26	LF	\$ 66.00	\$1,716.00
44	Storm Sewer (48", RCP)	2,261	LF	\$ 300.00	\$678,300.00
45	Storm Sewer (48", RCP, Auger and Jack)	175	LF	\$ 1,300.00	\$227,500.00
46	Storm Sewer (60", RCP)	307	LF	\$ 400.00	\$122,800.00
47	Storm Sewer (66", RCP)	109	LF	\$ 500.00	\$54,500.00
48	Storm Sewer (9'x6', RCBC)	35	LF	\$ 1,500.00	\$52,500.00
49	Storm Sewer End Section (15" FES, RCP)	1	EA	\$ 1,500.00	\$1,500.00
50	Storm Sewer End Section (48" FES, RCP)	1	EA	\$ 3,500.00	\$3,500.00
51	Storm Sewer End Section (60" FES, RCP)	4	EA	\$ 4,500.00	\$18,000.00
52	Storm Sewer End Section (66" FES, RCP)	1	EA	\$ 6,000.00	\$6,000.00
53	Storm Sewer End Section (9'x6' FES, RCBC)	2	EA	\$ 30,000.00	\$60,000.00
54	Storm Sewer Bend (48" DI Bend)	3	EA	\$ 3,000.00	\$9,000.00
55	Controlled Low-Strength Material (CLSM)	10	CY	\$ 250.00	\$2,500.00
56	Seeding (Type 1)	0.3	AC	\$ 1,000.00	\$250.00
57	Seeding (Type 2)	2.0	AC	\$ 1,000.00	\$2,000.00
58	Seeding (Pasture)	1.8	AC	\$ 1,000.00	\$1,750.00
59	Seeding (Wetland)	1.3	AC	\$ 1,200.00	\$1,500.00
60	Hydromulching	5.5	AC	\$ 4,000.00	\$22,000.00
61	Tree (1.5" B&B Deciduous)	-	EA	\$ 510.00	\$0.00
62	Shrub (#2 Container)	-	EA	\$ 74.00	\$0.00
Subtotal					\$1,942,792.00