

# PORTAGE RIVER S RD CR #18 EMBANKMENT REHABILITATION

					Engineer's Estimate		Mark Schaffer Ex & Truck		Vernon Nagel, Inc.	
LINE	ITEM	QTY	UNITS	DESCRIPTION	EST. UNIT COST	TOTAL	BID PRICE	TOTAL	BID PRICE	TOTAL
<b>ROADWAY</b>										
1	201	Lump Sum		Clearing and Grubbing, As Per Plan	Lump Sum	\$ 5,000.00	Lump Sum	\$ 10,000.00	Lump Sum	\$ 7,500.00
2	202	1908 Sq Yd		Pavement Removed, Asphalt, As Per Plan	\$ 5.00	\$ 9,540.00	6.00	\$ 11,448.00	4.00	\$ 7,632.00
3	202	52 Ft		Curb Removed	\$ 10.00	\$ 520.00	4.50	\$ 234.00	5.00	\$ 260.00
4	202	162 Ft		Pipe Removed, 24" and Under	\$ 10.00	\$ 1,620.00	7.00	\$ 1,134.00	2.00	\$ 324.00
5	202	216 Ft		Pipe Removed for Reuse, 24" and Under	\$ 20.00	\$ 4,320.00	10.00	\$ 2,160.00	12.00	\$ 2,592.00
6	202	1460 Ft		Guardrail Removed	\$ 1.00	\$ 1,460.00	1.25	\$ 1,825.00	1.25	\$ 1,825.00
7	202	4 Each		Anchor Assembly Removed, Type A	\$ 200.00	\$ 800.00	200.00	\$ 800.00	185.00	\$ 740.00
8	202	4 Each		Bridge Terminal Assembly Removed	\$ 75.00	\$ 300.00	60.00	\$ 240.00	50.00	\$ 200.00
9	202	4 Each		Catch Basin Removed	\$ 250.00	\$ 1,000.00	250.00	\$ 1,000.00	200.00	\$ 800.00
10	202	339 Ft		Fence Removed	\$ 2.00	\$ 678.00	2.50	\$ 847.50	1.00	\$ 339.00
11	203	21637 Cu Yd		Excavation, As Per Plan	\$ 5.00	\$ 108,185.00	3.00	\$ 64,911.00	5.00	\$ 108,185.00
12	203	27961 Cu Yd		Embankment	\$ 5.00	\$ 139,805.00	8.70	\$ 243,260.70	6.75	\$ 188,736.75
13	204	2948 Sq Yd		Subgrade Compaction	\$ 1.00	\$ 2,948.00	1.00	\$ 2,948.00	1.00	\$ 2,948.00
14	606	1275 Ft		Guardrail, Type MGS	\$ 15.00	\$ 19,125.00	14.00	\$ 17,850.00	14.00	\$ 17,850.00
15	606	4 Each		Anchor Assembly, MGS Type E	\$ 2,000.00	\$ 8,000.00	2,000.00	\$ 8,000.00	1,830.00	\$ 7,320.00
16	606	4 Each		Bridge Terminal Assembly, Type 1	\$ 1,500.00	\$ 6,000.00	2,000.00	\$ 8,000.00	1,820.00	\$ 7,280.00
17	607	339 Ft		Fence, Type 47, As Per Plan	\$ 15.00	\$ 5,085.00	15.00	\$ 5,085.00	14.40	\$ 4,881.60
<b>EROSION CONTROL</b>										
18	659	531 Cu Yd		Topsoil, As Per Plan	\$ 15.00	\$ 7,965.00	35.00	\$ 18,585.00	20.00	\$ 10,620.00
19	659	6388 Sq Yd		Seeding and Mulching	\$ 0.75	\$ 4,791.00	0.75	\$ 4,791.00	0.73	\$ 4,663.24
20	659	3185 Sq Yd		Seeding and Mulching for Vegetated Filter Strip	\$ 0.75	\$ 2,388.75	0.75	\$ 2,388.75	0.73	\$ 2,325.05
21	659	1.29 Ton		Commercial Fertilizer	\$ 600.00	\$ 774.00	600.00	\$ 774.00	575.00	\$ 741.75
22	659	1.98 Acre		Lime	\$ 200.00	\$ 396.00	32.00	\$ 63.36	30.00	\$ 59.40
23	659	25.8 M Gal		Water	\$ 10.00	\$ 258.00	1.00	\$ 25.80	1.00	\$ 25.80
24	670	3185 Sq Yd		Slope Erosion Control	\$ 2.00	\$ 6,370.00	2.75	\$ 8,758.75	1.90	\$ 6,051.50
25	832	Lump Sum		Stormwater Pollution Prevention Plan	\$ 5,000.00	\$ 5,000.00	Lump Sum	\$ 1,500.00	Lump Sum	\$ 2,500.00
26	832	5000 Each		Erosion Control	\$ 1.00	\$ 5,000.00	1.00	\$ 5,000.00	1.00	\$ 5,000.00
<b>DRAINAGE</b>										

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LINE	ITEM	QTY	UNITS	DESCRIPTION	EST. UNIT COST	TOTAL	BID PRICE	TOTAL	BID PRICE	TOTAL
27	601	53 Ton		Rock Channel Protection, Type C with Filter	\$ 40.00	\$ 2,120.00	75.00	\$ 3,975.00	50.00	\$ 2,650.00
28	611	20 Ft		4" Conduit, Type C	\$ 10.00	\$ 200.00	30.00	\$ 600.00	18.00	\$ 360.00
29	611	1616 Ft		12" Conduit, Type C	\$ 50.00	\$ 80,800.00	20.00	\$ 32,320.00	35.00	\$ 56,560.00
30	611	4 Each		Catch Basin, No. 3A	\$ 2,400.00	\$ 9,600.00	2,000.00	\$ 8,000.00	2,200.00	\$ 8,800.00
31	611	5 Each		Catch Basin, No. 2-2B	\$ 1,300.00	\$ 6,500.00	1,450.00	\$ 7,250.00	1,500.00	\$ 7,500.00
<b>PAVEMENT</b>										
32	301	591 Ton		Asphalt Concrete Base, PG64-22	\$ 75.00	\$ 44,325.00	72.00	\$ 42,552.00	68.00	\$ 40,188.00
33	304	923 Ton		Aggregate Base	\$ 25.00	\$ 23,075.00	20.00	\$ 18,460.00	24.00	\$ 22,152.00
34	609	1412 Ft		Asphalt Concrete Curb, Type 1	\$ 20.00	\$ 28,240.00	13.00	\$ 18,356.00	7.75	\$ 10,943.00
<b>INCIDENTALS</b>										
35	614	Lump Sum		Maintaining Traffic, As Per Plan	Lump Sum	\$ 5,300.00	Lump Sum	\$ 2,500.00	Lump Sum	\$ 6,500.00
36	614	Lump Sum		Detour Signing	Lump Sum	\$ 2,600.00	Lump Sum	\$ 5,000.00	Lump Sum	\$ 2,500.00
37	623	Lump Sum		Construction Layout Staking	Lump Sum	\$ 15,900.00	Lump Sum	\$ 5,000.00	Lump Sum	\$ 13,000.00
38	624	Lump Sum		Mobilization	Lump Sum	\$ 10,600.00	Lump Sum	\$ 21,000.00	Lump Sum	\$ 12,000.00
39	103.05	Lump Sum		Premium for Contract Performance Bond	Lump Sum	\$ 5,300.00	Lump Sum	\$ 10,000.00	Lump Sum	\$ 6,500.00

TOTAL	<b>\$ 581,888.75</b>	<b>\$ 596,642.86</b>	<b>\$ 581,053.09</b>
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