

## Replacement of Bridge BEN-19-3.54

LINE	ITEM	QTY	UNITS	DESCRIPTION	Engineer's estimate		B Hill'z Excavating		Miller Bros. Construction		Schalk Brothers		Vernon Nagel	
					EST. UNIT COST	TOTAL	BID PRICE	TOTAL	BID PRICE	TOTAL	BID PRICE	TOTAL	BID PRICE	TOTAL
<b>ROADWAY</b>														
1	201	Lump Sum		Clearing and Grubbing	Lump Sum	\$ 2,300.00	Lump Sum	\$ 5,000.00	Lump Sum	\$ 4,500.00	Lump Sum	\$ 3,500.00	Lump Sum	\$ 2,000.00
2	202	1333 Sq Yd		Pavement Removed	\$ 5.00	\$ 6,665.00	3.00	\$ 3,999.00	7.00	\$ 9,331.00	3.00	\$ 3,999.00	10.00	\$ 13,330.00
3	202	133 Ft		Pipe Removed, 24" and Under	\$ 5.00	\$ 665.00	5.00	\$ 665.00	10.00	\$ 1,330.00	3.00	\$ 399.00	10.00	\$ 1,330.00
4	202	104 Ft		Pipe Removed, over 24"	\$ 10.00	\$ 1,040.00	7.00	\$ 728.00	30.00	\$ 3,120.00	12.00	\$ 1,248.00	15.00	\$ 1,560.00
5	202	125 Ft		Guardrail Removed	\$ 3.00	\$ 375.00	5.00	\$ 625.00	1.80	\$ 225.00	3.00	\$ 375.00	3.00	\$ 375.00
6	203	126 Cu Yd		Excavation	\$ 15.00	\$ 1,890.00	9.00	\$ 1,134.00	15.00	\$ 1,890.00	12.00	\$ 1,512.00	12.00	\$ 1,512.00
7	203	866 Cu Yd		Embankment	\$ 15.00	\$ 12,990.00	10.00	\$ 8,660.00	15.00	\$ 12,990.00	20.00	\$ 17,320.00	12.00	\$ 10,392.00
8	204	1583 Sq Yd		Subgrade Compaction	\$ 3.00	\$ 4,749.00	2.00	\$ 3,166.00	1.00	\$ 1,583.00	2.00	\$ 3,166.00	0.25	\$ 395.75
9	606	93.75 Ft		Guardrail, Type MGS	\$ 18.00	\$ 1,687.50	16.00	\$ 1,500.00	16.80	\$ 1,575.00	16.38	\$ 1,535.63	16.80	\$ 1,575.00
10	606	1 Each		Anchor Assembly, MGS Type B	\$ 1,800.00	\$ 1,800.00	1,900.00	\$ 1,900.00	1,725.00	\$ 1,725.00	1,725.00	\$ 1,725.00	1,725.00	\$ 1,725.00
11	606	3 Each		Anchor Assembly, MSG Type E	\$ 1,900.00	\$ 5,700.00	2,085.00	\$ 6,255.00	1,820.00	\$ 5,460.00	1,820.00	\$ 5,460.00	1,820.00	\$ 5,460.00
12	606	4 Each		MGS Bridge Terminal Assembly, Type 1	\$ 2,000.00	\$ 8,000.00	1,950.00	\$ 7,800.00	1,920.00	\$ 7,680.00	1,920.00	\$ 7,680.00	1,920.00	\$ 7,680.00
<b>EROSION CONTROL</b>														
13	659	2560 Sq Yd		Seeding and Mulching	\$ 2.00	\$ 5,120.00	1.00	\$ 2,560.00	1.30	\$ 3,328.00	1.00	\$ 2,560.00	1.30	\$ 3,328.00
14	659	0.35 Ton		Commercial Fertilizer	\$ 600.00	\$ 210.00	600.00	\$ 210.00	290.00	\$ 101.50	500.00	\$ 175.00	290.00	\$ 101.50
15	659	0.53 Acre		Lime	\$ 10.00	\$ 5.30	5.67	\$ 3.01	120.00	\$ 63.60	100.00	\$ 53.00	120.00	\$ 63.60
16	659	6.9 Mgal		Water	\$ 1.00	\$ 6.90	10.00	\$ 69.00	1.00	\$ 6.90	1.00	\$ 6.90	1.00	\$ 6.90
17	601	356 Ton		Rock Channel Protection, Type C with Fabric Filter	\$ 40.00	\$ 14,240.00	36.00	\$ 12,816.00	55.00	\$ 19,580.00	38.00	\$ 13,528.00	50.00	\$ 17,800.00
18	832	1500 Each		Erosion Control	\$ 1.00	\$ 1,500.00	1.00	\$ 1,500.00	1.00	\$ 1,500.00	1.00	\$ 1,500.00	1.00	\$ 1,500.00
<b>DRAINAGE</b>														
19	611	40 Ft		12" Conduit, Type C, 706.02	\$ 25.00	\$ 1,000.00	32.00	\$ 1,280.00	50.00	\$ 2,000.00	25.00	\$ 1,000.00	50.00	\$ 2,000.00
20	611	136 Ft		12" Conduit, Type D, 706.02	\$ 30.00	\$ 4,080.00	32.00	\$ 4,352.00	50.00	\$ 6,800.00	28.00	\$ 3,808.00	55.00	\$ 7,480.00
21	611	68 Ft		12" Conduit, Type C, 707.33	\$ 25.00	\$ 1,700.00	22.00	\$ 1,496.00	40.00	\$ 2,720.00	30.00	\$ 2,040.00	40.00	\$ 2,720.00
22	611	104 Ft		48" Conduit, Type C, 706.02	\$ 100.00	\$ 10,400.00	148.00	\$ 15,392.00	175.00	\$ 18,200.00	230.00	\$ 23,920.00	170.00	\$ 17,680.00
23	611	1 Each		Catch Basin, No. 2-6	\$ 5,000.00	\$ 5,000.00	6,571.00	\$ 6,571.00	4,700.00	\$ 4,700.00	6,500.00	\$ 6,500.00	4,000.00	\$ 4,000.00
24	611	2 Each		Catch Basin, Misc.: 15" Upright Extention	\$ 250.00	\$ 500.00	200.00	\$ 400.00	400.00	\$ 800.00	250.00	\$ 500.00	500.00	\$ 1,000.00
<b>PAVEMENT</b>														
25	301	479 Ton		Asphalt Concrete Base, PG64-22	\$ 65.00	\$ 31,135.00	69.00	\$ 33,051.00	66.00	\$ 31,614.00	75.00	\$ 35,925.00	66.00	\$ 31,614.00
26	304	666 Ton		Aggregate Base	\$ 25.00	\$ 16,650.00	24.00	\$ 15,984.00	26.00	\$ 17,316.00	30.00	\$ 19,980.00	24.00	\$ 15,984.00
27	407	215 Gal		Tack Coat	\$ 2.00	\$ 430.00	2.00	\$ 430.00	1.90	\$ 408.50	2.00	\$ 430.00	1.90	\$ 408.50
28	411	202 Ton		Stabilized Crushed Aggregate	\$ 40.00	\$ 8,080.00	24.00	\$ 4,848.00	30.00	\$ 6,060.00	30.00	\$ 6,060.00	28.00	\$ 5,656.00
29	448	134 Ton		Asphalt Concrete Intermediate Course, Type 2, PG64-22	\$ 75.00	\$ 10,050.00	75.00	\$ 10,050.00	85.00	\$ 11,390.00	78.00	\$ 10,452.00	85.00	\$ 11,390.00
30	448	95 Ton		Asphalt Concrete Surface Course, Type 1, PG64-22	\$ 75.00	\$ 7,125.00	80.00	\$ 7,600.00	90.00	\$ 8,550.00	86.00	\$ 8,170.00	90.00	\$ 8,550.00
<b>TRAFFIC CONTROL</b>														
31	614	Lump Sum		Detour Signing	Lump Sum	\$ 2,500.00	Lump Sum	\$ 1,500.00	Lump Sum	\$ 1,775.00	Lump Sum	\$ 100.00	Lump Sum	\$ 1,000.00
32	626	11 Each		Barrier Reflector	\$ 10.00	\$ 110.00	8.00	\$ 88.00	6.50	\$ 71.50	6.50	\$ 71.50	6.50	\$ 71.50
33	626	0.24 Mile		Edge Line, 4"	\$ 7,500.00	\$ 1,800.00	5,700.00	\$ 1,368.00	4,500.00	\$ 1,080.00	6,300.00	\$ 1,512.00	5,500.00	\$ 1,320.00
34	626	0.12 Mile		Center Line	\$ 7,500.00	\$ 900.00	5,700.00	\$ 684.00	4,500.00	\$ 540.00	6,300.00	\$ 756.00	5,500.00	\$ 660.00
<b>INCIDENTALS</b>														
35	103	Lump Sum		Premium for Contract Performance Bond and for Payment Bond	Lump Sum	\$ 5,000.00	Lump Sum	\$ 5,500.00	Lump Sum	\$ 3,500.00	Lump Sum	\$ 6,200.00	Lump Sum	\$ 7,300.00

## Replacement of Bridge BEN-19-3.54

LINE	ITEM	QTY	UNITS	DESCRIPTION	EST. UNIT COST	TOTAL	BID PRICE	TOTAL	BID PRICE	TOTAL	BID PRICE	TOTAL	BID PRICE	TOTAL
36	614	Lump Sum		Maintaining Traffic	Lump Sum	\$ 2,000.00	Lump Sum	\$ 1,500.00	Lump Sum	\$ 3,500.00	Lump Sum	\$ 3,000.00	Lump Sum	\$ 2,500.00
37	623	Lump Sum		Construction Layout Staking	Lump Sum	\$ 3,000.00	Lump Sum	\$ 5,202.00	Lump Sum	\$ 4,000.00	Lump Sum	\$ 2,500.00	Lump Sum	\$ 7,000.00
38	624	Lump Sum		Mobilization	Lump Sum	\$ 15,000.00	Lump Sum	\$ 8,900.00	Lump Sum	\$ 10,000.00	Lump Sum	\$ 20,000.00	Lump Sum	\$ 12,000.00
<b>BRIDGE, OVER 20' SPAN</b>														
39	202	Lump Sum		Portions of Structure Removed, Over 20 Foot Span	Lump Sum	\$ 35,000.00	Lump Sum	\$ 24,200.00	Lump Sum	\$ 34,000.00	Lump Sum	\$ 25,000.00	Lump Sum	\$ 32,000.00
40	202	120 Sq Yd		Wearing Course Removed	\$ 15.00	\$ 1,800.00	17.00	\$ 2,040.00	20.00	\$ 2,400.00	3.00	\$ 360.00	12.00	\$ 1,440.00
41	407	26 Gal		Tack Coat	\$ 2.00	\$ 52.00	3.00	\$ 78.00	1.90	\$ 49.40	2.00	\$ 52.00	1.90	\$ 49.40
42	448	24 Ton		Asphalt Concrete Intermediate Course, Type 2, PG64-22	\$ 75.00	\$ 1,800.00	75.00	\$ 1,800.00	85.00	\$ 2,040.00	78.00	\$ 1,872.00	85.00	\$ 2,040.00
43	448	13 Ton		Asphalt Concrete Surface Course, Type 1, PG64-22	\$ 75.00	\$ 975.00	80.00	\$ 1,040.00	90.00	\$ 1,170.00	86.00	\$ 1,118.00	90.00	\$ 1,170.00
44	503	Lump Sum		Cofferdams and Excavation Bracing	Lump Sum	\$ 5,000.00	Lump Sum	\$ 3,000.00	Lump Sum	\$ 1.00	Lump Sum	\$ 2,000.00	Lump Sum	\$ 2,500.00
45	503	Lump Sum		Unclassified Excavation	Lump Sum	\$ 5,000.00	Lump Sum	\$ 3,000.00	Lump Sum	\$ 14,000.00	Lump Sum	\$ 10,000.00	Lump Sum	\$ 3,500.00
46	505	Lump Sum		Pile Driving Equipment Mobilization	Lump Sum	\$ 7,500.00	Lump Sum	\$ 16,576.00	Lump Sum	\$ 8,000.00	Lump Sum	\$ 13,000.00	Lump Sum	\$ 15,000.00
47	507	480 Ft		Steel Piles HP10x42, Furnished	\$ 35.00	\$ 16,800.00	24.00	\$ 11,520.00	35.00	\$ 16,800.00	20.00	\$ 9,600.00	24.00	\$ 11,520.00
48	507	420 Ft		Steel Piles HP10x42, Driven	\$ 10.00	\$ 4,200.00	3.00	\$ 1,260.00	7.00	\$ 2,940.00	2.50	\$ 1,050.00	3.75	\$ 1,575.00
49	507	12 Each		Steel Points or Shoes	\$ 100.00	\$ 1,200.00	80.00	\$ 960.00	100.00	\$ 1,200.00	84.00	\$ 1,008.00	125.00	\$ 1,500.00
50	509	6318 Pound		Epoxy Coated Reinforcing Steel	\$ 1.75	\$ 11,056.50	1.00	\$ 6,318.00	1.50	\$ 9,477.00	1.50	\$ 9,477.00	1.82	\$ 11,498.76
51	511	87 Cu Yd		Class QC1 Concrete, Abutment Including Footing	\$ 500.00	\$ 43,500.00	466.00	\$ 40,542.00	550.00	\$ 47,850.00	400.00	\$ 34,800.00	600.00	\$ 52,200.00
52	512	87 Sq Yd		Sealing of Concrete Surfaces (Non-Epoxy)	\$ 20.00	\$ 1,740.00	15.00	\$ 1,305.00	10.00	\$ 870.00	4.00	\$ 348.00	8.00	\$ 696.00
53	512	191 Sq Yd		Type 3 Waterproofing, As Per Plan	\$ 30.00	\$ 5,730.00	30.00	\$ 5,730.00	30.00	\$ 5,730.00	28.00	\$ 5,348.00	25.00	\$ 4,775.00
54	515	7 Each		Prestressed Concrete Non-Composite Box Beam Bridge Members, Level 1, B27x48	\$12,500.00	\$ 87,500.00	10,234.00	\$ 71,638.00	11,500.00	\$ 80,500.00	10,900.00	\$ 76,300.00	11,300.00	\$ 79,100.00
55	516	32 Sq Ft		1/2" Preformed Expansion Joint Filler	\$ 4.00	\$ 128.00	2.00	\$ 64.00	5.00	\$ 160.00	2.00	\$ 64.00	5.00	\$ 160.00
56	516	133 Sq Ft		1" Preformed Expansion Joint Filler	\$ 4.00	\$ 532.00	4.00	\$ 532.00	5.00	\$ 665.00	3.00	\$ 399.00	3.00	\$ 399.00
57	516	44 Ft		Special - Sawing and Sealing Bituminous Concrete Joints	\$ 15.00	\$ 660.00	20.00	\$ 880.00	20.00	\$ 880.00	7.00	\$ 308.00	25.00	\$ 1,100.00
58	516	14 Each		1/8" Preformed Bearing Pad, 711.21	\$ 10.00	\$ 140.00	9.00	\$ 126.00	8.00	\$ 112.00	1.00	\$ 14.00	25.00	\$ 350.00
59	516	28 Each		Elastomeric Bearing with Internal Laminates Only (Neoprene) (6"x14"x1.25")	\$ 100.00	\$ 2,800.00	77.00	\$ 2,156.00	100.00	\$ 2,800.00	100.00	\$ 2,800.00	100.00	\$ 2,800.00
60	517	121.25 Ft		Railing (Twin Steel Tube)	\$ 125.00	\$ 15,156.25	144.00	\$ 17,460.00	116.40	\$ 14,113.50	116.40	\$ 14,113.50	116.40	\$ 14,113.50
61	518	102 Ton		Porous Backfill with Filter Fabric	\$ 50.00	\$ 5,100.00	40.00	\$ 4,080.00	40.00	\$ 4,080.00	35.00	\$ 3,570.00	50.00	\$ 5,100.00
62	518	131 Ft		Special - Steel Drip Strip	\$ 10.00	\$ 1,310.00	7.00	\$ 917.00	11.00	\$ 1,441.00	5.00	\$ 655.00	10.00	\$ 1,310.00
63	518	96 Ft		6" Perforated Corrugated Plastic Pipe	\$ 10.00	\$ 960.00	10.00	\$ 960.00	7.00	\$ 672.00	6.00	\$ 576.00	8.00	\$ 768.00
64	518	30 Ft		6" Non-Perforated Corrugated Plastic Pipe	\$ 10.00	\$ 300.00	10.00	\$ 300.00	16.00	\$ 480.00	6.00	\$ 180.00	8.00	\$ 240.00
65	690	Lump Sum		Special - Misc.: Asbestos Abatement	Lump Sum	\$ 7,000.00	Lump Sum	\$ 7,000.00	Lump Sum	\$ 16,500.00	Lump Sum	\$ 7,000.00	Lump Sum	\$ 35,000.00

TOTAL	<b>\$ 458,343.45</b>	<b>\$ 410,268.00</b>	<b>\$ 479,944.90</b>	<b>\$ 439,679.53</b>	<b>\$ 492,373.41</b>
AS OPENED AND READ		\$ 410,268.00	\$ 479,944.90	\$ 439,679.53	\$ 492,362.01