

Replacement of Bridge SAL-111-1.43 Over Wolf Creek

LINE	ITEM	QTY	UNITS	DESCRIPTION	Engineer's Estimate		Schalk Brothers, Inc.		B. Hill'z Excavating, Inc.	
					EST. UNIT COST	TOTAL	BID PRICE	TOTAL	BID PRICE	TOTAL
ROADWAY										
1	201	Lump	Sum	Clearing and Grubbing, As Per Plan	Lump Sum	\$ 3,500.00	Lump Sum	\$ 4,000.00	Lump Sum	\$ 1,142.00
2	202	950	Sq Yd	Pavement Removed	\$ 5.00	\$ 4,750.00	\$ 4.00	\$ 3,800.00	\$ 3.00	\$ 2,850.00
3	202	36	Ft	Pipe Removed, 24" and Under	\$ 5.00	\$ 180.00	\$ 3.00	\$ 108.00	\$ 5.00	\$ 180.00
4	202	104	Ft	Pipe Removed, Over 24"	\$ 10.00	\$ 1,040.00	\$ 5.00	\$ 520.00	\$ 7.00	\$ 728.00
5	203	582	Cu Yd	Excavation	\$ 10.00	\$ 5,820.00	\$ 10.00	\$ 5,820.00	\$ 6.00	\$ 3,492.00
6	203	844	Cu Yd	Embankment	\$ 10.00	\$ 8,440.00	\$ 14.00	\$ 11,816.00	\$ 6.00	\$ 5,064.00
7	606	50	Ft	Guardrail, Type MGS	\$ 20.00	\$ 1,000.00	\$ 19.60	\$ 980.00	\$ 16.50	\$ 825.00
8	606	2	Each	Anchor Assembly, MSG Type E	\$ 1,900.00	\$ 3,800.00	\$ 1,885.00	\$ 3,770.00	\$ 2,085.00	\$ 4,170.00
9	606	4	Each	MGS Bridge Terminal Assembly, Type 1	\$ 1,900.00	\$ 7,600.00	\$ 1,970.00	\$ 7,880.00	\$ 1,925.00	\$ 7,700.00
10	606	2	Each	Flared End Section	\$ 50.00	\$ 100.00	\$ 50.00	\$ 100.00	\$ 54.00	\$ 108.00
EROSION CONTROL										
11	659	2296	Sq Yd	Seeding and Mulching	\$ 1.00	\$ 2,296.00	\$ 1.25	\$ 2,870.00	\$ 1.00	\$ 2,296.00
12	659	0.31	Ton	Commercial Fertilizer	\$ 600.00	\$ 186.00	\$ 500.00	\$ 155.00	\$ 600.00	\$ 186.00
13	659	0.48	Acre	Lime	\$ 200.00	\$ 96.00	\$ 1.00	\$ 0.48	\$ 200.00	\$ 96.00
14	659	6.2	Mgal	Water	\$ 10.00	\$ 62.00	\$ 1.00	\$ 6.20	\$ 5.00	\$ 31.00
15	601	734	Ton	Rock Channel Protection, Type C with Fabric Filter	\$ 50.00	\$ 36,700.00	\$ 30.00	\$ 22,020.00	\$ 40.00	\$ 29,360.00
16	832	1000	Each	Erosion Control	\$ 1.00	\$ 1,000.00	\$ 1.00	\$ 1,000.00	\$ 1.00	\$ 1,000.00
DRAINAGE										
17	611	20	Ft	6" Conduit, Type F, As Per Plan	\$ 20.00	\$ 400.00	\$ 2.00	\$ 40.00	\$ 10.00	\$ 200.00
18	611	40	Ft	12" Conduit, Type D, 706.02, As Per Plan	\$ 40.00	\$ 1,600.00	\$ 30.00	\$ 1,200.00	\$ 30.00	\$ 1,200.00
19	611	166	Ft	12" Conduit, Type C, As Per Plan	\$ 30.00	\$ 4,980.00	\$ 24.00	\$ 3,984.00	\$ 20.00	\$ 3,320.00
20	611	105	Ft	30" Conduit, Type C, As Per Plan	\$ 80.00	\$ 8,400.00	\$ 70.00	\$ 7,350.00	\$ 45.00	\$ 4,725.00
21	611	1	Each	Catch Basin, No. 2-4	\$ 2,000.00	\$ 2,000.00	\$ 3,300.00	\$ 3,300.00	\$ 1,500.00	\$ 1,500.00
PAVEMENT										
22	301	397	Ton	Asphalt Concrete Base, PG64-22	\$ 60.00	\$ 23,820.00	\$ 67.00	\$ 26,599.00	\$ 72.00	\$ 28,584.00
23	304	555	Ton	Aggregate Base	\$ 55.00	\$ 30,525.00	\$ 24.00	\$ 13,320.00	\$ 20.00	\$ 11,100.00
24	407	476	Gal	Tack Coat	\$ 3.00	\$ 1,428.00	\$ 2.10	\$ 999.60	\$ 3.00	\$ 1,428.00
25	407	116	Gal	Tack Coat for Intermediate Course	\$ 3.00	\$ 348.00	\$ 2.10	\$ 243.60	\$ 3.00	\$ 348.00
26	411	161	Ton	Stabilized Crushed Aggregate	\$ 55.00	\$ 8,855.00	\$ 24.00	\$ 3,864.00	\$ 30.00	\$ 4,830.00
27	448	112	Ton	Asphalt Concrete Intermediate Course, Type 2, PG64-22	\$ 80.00	\$ 8,960.00	\$ 78.00	\$ 8,736.00	\$ 82.00	\$ 9,184.00
28	448	80	Ton	Asphalt Concrete Surface Course, Type 1, PG64-22	\$ 80.00	\$ 6,400.00	\$ 92.00	\$ 7,360.00	\$ 87.00	\$ 6,960.00
TRAFFIC CONTROL										
29	614	Lump	Sum	Detour Signing	Lump Sum	\$ 4,000.00	Lump Sum	\$ 3,500.00	Lump Sum	\$ 1,000.00
30	626	10	Each	Barrier Reflector	\$ 6.00	\$ 60.00	\$ 6.00	\$ 60.00	\$ 7.00	\$ 70.00
INCIDENTALS										
31	103	Lump	Sum	Premium for Contract Performance Bond and for Payment Bond	Lump Sum	\$ 6,000.00	Lump Sum	\$ 6,000.00	Lump Sum	\$ 3,400.00
32	614	Lump	Sum	Maintaining Traffic	Lump Sum	\$ 4,000.00	Lump Sum	\$ 1,500.00	Lump Sum	\$ 1,000.00
33	623	Lump	Sum	Construction Layout Staking	Lump Sum	\$ 3,000.00	Lump Sum	\$ 1,500.00	Lump Sum	\$ 3,120.00
34	624	Lump	Sum	Mobilization	Lump Sum	\$ 16,000.00	Lump Sum	\$ 25,000.00	Lump Sum	\$ 13,200.00
INCIDENTALS										
35	202	Lump	Sum	Portions of Structure Removed, Over 20 Foot Span	Lump Sum	\$ 5,000.00	Lump Sum	\$ 18,000.00	Lump Sum	\$ 5,000.00
36	407	16	Gal	Tack Coat	\$ 3.00	\$ 48.00	\$ 2.10	\$ 33.60	\$ 3.00	\$ 48.00
37	407	16	Gal	Tack Coat for Intermediate Course	\$ 3.00	\$ 48.00	\$ 2.10	\$ 33.60	\$ 3.00	\$ 48.00
38	448	24	Ton	Asphalt Concrete Intermediate Course, Type 2, PG64-22	\$ 80.00	\$ 1,920.00	\$ 78.00	\$ 1,872.00	\$ 82.00	\$ 1,968.00
39	448	11	Ton	Asphalt Concrete Surface Course, Type 1, PG64-22	\$ 80.00	\$ 880.00	\$ 92.00	\$ 1,012.00	\$ 87.00	\$ 957.00
40	503	Lump	Sum	Cofferdams and Excavation Bracing	Lump Sum	\$ 7,500.00	Lump Sum	\$ 5,000.00	Lump Sum	\$ 7,070.00
41	503	77	Cu Yd	Unclassified Excavation	\$ 50.00	\$ 3,850.00	\$ 52.00	\$ 4,004.00	\$ 50.00	\$ 3,850.00
42	509	9779	Pound	Epoxy Coated Reinforcing Steel	\$ 2.00	\$ 19,558.00	\$ 1.20	\$ 11,734.80	\$ 1.00	\$ 9,779.00
43	511	81	Cu Yd	Class QC1 Concrete, Abutment Including Footing	\$ 600.00	\$ 48,600.00	\$ 475.00	\$ 38,475.00	\$ 465.00	\$ 37,665.00
44	512	74	Sq Yd	Sealing of Concrete Surfaces (Non-Epoxy)	\$ 20.00	\$ 1,480.00	\$ 6.00	\$ 444.00	\$ 15.00	\$ 1,110.00
45	512	3	Sq Yd	Type 2 Waterproofing, As Per Plan	\$ 30.00	\$ 90.00	\$ 30.00	\$ 90.00	\$ 24.00	\$ 72.00
46	512	187	Sq Yd	Type 3 Waterproofing, As Per Plan	\$ 30.00	\$ 5,610.00	\$ 40.00	\$ 7,480.00	\$ 30.00	\$ 5,610.00
47	515	7	Each	Prestressed Concrete Non-Composite Box Beam Bridge Members, Level 1, B27x48	\$ 9,000.00	\$ 63,000.00	\$ 13,500.00	\$ 94,500.00	\$ 11,858.00	\$ 83,006.00
48	516	30	Sq Ft	1/2" Preformed Expansion Joint Filler	\$ 4.00	\$ 120.00	\$ 1.00	\$ 30.00	\$ 2.00	\$ 60.00
49	516	133	Sq Ft	1" Preformed Expansion Joint Filler	\$ 4.00	\$ 532.00	\$ 2.00	\$ 266.00	\$ 4.00	\$ 532.00
50	516	40	Ft	Special - Sawing and Sealing Bituminous Concrete Joints	\$ 20.00	\$ 800.00	\$ 10.00	\$ 400.00	\$ 20.00	\$ 800.00
51	516	14	Each	1/8" Preformed Bearing Pad, 711.21	\$ 10.00	\$ 140.00	\$ 2.00	\$ 28.00	\$ 10.00	\$ 140.00
52	516	28	Each	Elastomeric Bearing with Internal Laminates Only (Neoprene) (6"x14"x1.25")	\$ 150.00	\$ 4,200.00	\$ 80.00	\$ 2,240.00	\$ 80.00	\$ 2,240.00
53	517	110	Ft	Railing (Twin Steel Tube)	\$ 125.00	\$ 13,750.00	\$ 124.50	\$ 13,695.00	\$ 118.00	\$ 12,980.00
54	518	63	Cu Yd	Porous Backfill with Filter Fabric	\$ 75.00	\$ 4,725.00	\$ 50.00	\$ 3,150.00	\$ 44.00	\$ 2,772.00
55	518	125	Ft	Steel Drip Strip	\$ 12.00	\$ 1,500.00	\$ 10.00	\$ 1,250.00	\$ 12.00	\$ 1,500.00
56	518	92	Ft	6" Perforated Corrugated Plastic Pipe	\$ 10.00	\$ 920.00	\$ 8.00	\$ 736.00	\$ 10.00	\$ 920.00
57	518	48	Ft	6" Non-Perforated Corrugated Plastic Pipe	\$ 10.00	\$ 480.00	\$ 8.00	\$ 384.00	\$ 9.00	\$ 432.00
58	524	79	Ft	Drilled Shafts, 36" Diameter, Above Bedrock	\$ 250.00	\$ 19,750.00	\$ 390.00	\$ 30,810.00	\$ 268.00	\$ 21,172.00
59	524	24	Ft	Drilled Shafts, 36" Diameter, Into Bedrock	\$ 500.00	\$ 12,000.00	\$ 1,250.00	\$ 30,000.00	\$ 1,167.00	\$ 28,008.00

TOTAL **\$ 423,847.00** **\$ 445,069.88** **\$ 382,136.00**