

**Engineer's Estimate of Cost  
Sand Hill Bridge Replacement  
HUR CR 040-00.15 PID 113809**

REF.	ITEM	DESCRIPTION	UNIT COST	QUANTITY	UNIT	TOTAL COST
<b>ROADWAY</b>						
1	201	CLEARING AND GRUBBING, AS PER PLAN	\$1,000	1	LUMP	\$1,000
2	203	SPECIAL - EARTHWORK	\$9,000	1	LUMP	\$9,000
3	606	SPECIAL - GUARDRAIL	\$30,000	1	LUMP	\$30,000
<b>ROADWAY SUBTOTAL =</b>						<b>\$40,000</b>
<b>EROSION CONTROL</b>						
4	832	SPECIAL - CONSTRUCTION EROSION CONTROL	\$ 1.00	1,000	EACH	\$1,000
<b>EROSION CONTROL SUBTOTAL =</b>						<b>\$1,000</b>
<b>DRAINAGE</b>						
5	611	SPECIAL - DRAINAGE	\$5,000	1	LUMP	\$5,000
<b>DRAINAGE SUBTOTAL =</b>						<b>\$5,000</b>
<b>PAVEMENT</b>						
6	304	SPECIAL - AGGREGATE BASE (INCLUDING STABILIZED CRUSHED AGGREGATE)	\$30,000	1	LUMP	\$30,000
7	441	SPECIAL - FLEXIBLE PAVEMENT (INCLUDING WEARING COURSE REMOVED)	\$90,000	1	LUMP	\$90,000
<b>PAVEMENT SUBTOTAL =</b>						<b>\$120,000</b>
<b>TRAFFIC CONTROL</b>						
8	630	SPECIAL - SIGNS AND SUPPORTS	\$1,000	1	LUMP	\$1,000
9	642	SPECIAL - PAVEMENT MARKING	\$1,000	1	LUMP	\$1,000
<b>TRAFFIC CONTROL SUBTOTAL =</b>						<b>\$2,000</b>
<b>STRUCTURES OVER 20 FEET</b>						
10	202	STRUCTURE REMOVED, OVER 20 FOOT SPAN	\$200,000	1	LUMP	\$200,000
11	530	SPECIAL - STRUCTURE FOUNDATION	\$400,000	1	LUMP	\$400,000
12	530	SPECIAL - SUPERSTRUCTURE	\$800,000	1	LUMP	\$800,000
13	530	SPECIAL - MISCELLANEOUS STRUCTURE FOR DESIGN BUILD	\$50,000	1	LUMP	\$50,000
<b>STRUCTURES OVER 20 FEET SUBTOTAL =</b>						<b>\$1,450,000</b>
<b>ENGINEERING AND ROADWAY SERVICES</b>						
14	107	SPECIAL - UTILITY COORDINATION	\$1,000	1	LUMP	\$1,000
15	690	SPECIAL - AS-BUILT CONSTRUCTION PLANS	\$19,000	1	LUMP	\$19,000
16	690	SPECIAL - FIELD SURVEYS	\$10,000	1	LUMP	\$10,000
17	690	SPECIAL - PRELIMINARY PLANS FOR DESIGN-BUILD	\$40,000	1	LUMP	\$40,000
18	690	SPECIAL - FINAL PLANS FOR DESIGN-BUILD	\$30,000	1	LUMP	\$30,000
19	690	SPECIAL - CONSTRUCTION PLANS	\$20,000	1	LUMP	\$20,000
<b>ENGINEERING AND ROADWAY SERVICES SUBTOTAL =</b>						<b>\$120,000</b>
<b>MISCELLANEOUS</b>						
20	100	SPECIAL - PROFESSIONAL LIABILITY INSURANCE	\$5,000	1	LUMP	\$5,000
21	103	SPECIAL - PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND	\$15,000	1	LUMP	\$15,000
22	614	SPECIAL - MAINTAINING TRAFFIC	\$15,000	1	LUMP	\$15,000
23	623	SPECIAL - CONSTRUCTION LAYOUT STAKES AND SURVEYING	\$5,000	1	LUMP	\$5,000
24	624	MOBILIZATION	\$62,000	1	LUMP	\$62,000
25	SPEC.	LOAD RATINGS ANALYSIS	\$10,000	1	LUMP	\$10,000
<b>MISCELLANEOUS SUBTOTAL =</b>						<b>\$112,000</b>
<b>PROJECT TOTAL =</b>						<b>\$1,850,000</b>

