

**Engineer's Estimate of Cost
Vesta Road Bridge Replacement
HUR TR 182-01.16 PID 113802**

REF.	ITEM	DESCRIPTION	UNIT COST	QUANTITY	UNIT	TOTAL COST
ROADWAY						
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
ROADWAY SUBTOTAL =						\$40,000
EROSION CONTROL						
4	832	SPECIAL - CONSTRUCTION EROSION CONTROL	\$ 1.00	1,000	EACH	\$1,000
EROSION CONTROL SUBTOTAL =						\$1,000
DRAINAGE						
5	611	SPECIAL - DRAINAGE	\$10,000	1	LUMP	\$10,000
DRAINAGE SUBTOTAL =						\$10,000
PAVEMENT						
6	304	SPECIAL - AGGREGATE BASE (INCLUDING STABILIZED CRUSHED AGGREGATE)	\$15,000	1	LUMP	\$15,000
7	441	SPECIAL - FLEXIBLE PAVEMENT (INCLUDING WEARING COURSE REMOVED)	\$45,000	1	LUMP	\$45,000
PAVEMENT SUBTOTAL =						\$60,000
TRAFFIC CONTROL						
8	630	SPECIAL - SIGNS AND SUPPORTS	\$500	1	LUMP	\$500
9	642	SPECIAL - PAVEMENT MARKING	\$500	1	LUMP	\$500
TRAFFIC CONTROL SUBTOTAL =						\$1,000
STRUCTURES OVER 20 FEET						
10	202	STRUCTURE REMOVED, OVER 20 FOOT SPAN	\$50,000	1	LUMP	\$50,000
11	530	SPECIAL - STRUCTURE FOUNDATION	\$200,000	1	LUMP	\$200,000
12	530	SPECIAL - SUPERSTRUCTURE	\$325,000	1	LUMP	\$325,000
STRUCTURES OVER 20 FEET SUBTOTAL =						\$575,000
ENGINEERING AND ROADWAY SERVICES						
13	107	SPECIAL - UTILITY COORDINATION	\$1,000	1	LUMP	\$1,000
14	690	SPECIAL - AS-BUILT CONSTRUCTION PLANS	\$10,000	1	LUMP	\$10,000
15	690	SPECIAL - FIELD SURVEYS	\$10,000	1	LUMP	\$10,000
16	690	SPECIAL - PRELIMINARY PLANS FOR DESIGN-BUILD	\$30,000	1	LUMP	\$30,000
17	690	SPECIAL - FINAL PLANS FOR DESIGN-BUILD	\$30,000	1	LUMP	\$30,000
18	690	SPECIAL - CONSTRUCTION PLANS	\$10,000	1	LUMP	\$10,000
ENGINEERING AND ROADWAY SERVICES SUBTOTAL =						\$91,000
MISCELLANEOUS						
19	100	SPECIAL - PROFESSIONAL LIABILITY INSURANCE	\$1,000	1	LUMP	\$1,000
20	103	SPECIAL - PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND	\$22,000	1	LUMP	\$22,000
21	614	SPECIAL - MAINTAINING TRAFFIC	\$15,000	1	LUMP	\$15,000
22	623	SPECIAL - CONSTRUCTION LAYOUT STAKES AND SURVEYING	\$5,000	1	LUMP	\$5,000
23	624	MOBILIZATION	\$75,000	1	LUMP	\$75,000
24	SPEC.	LOAD RATINGS ANALYSIS	\$4,000	1	LUMP	\$4,000
MISCELLANEOUS SUBTOTAL =						\$122,000
PROJECT TOTAL =						\$900,000

