

**PRELIMINARY OPINION OF COST**

**TRAILL COUNTY, ND HIGHWAY IMPROVEMENTS**

ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
MOBILIZATION	1.0	L SUM	\$ 150,000.00	\$ 150,000.00
REMOVAL OF PAVEMENT	6,000	TON	\$ 20.00	\$ 120,000.00
EARTHWORK	0.5	MILE	\$ 100,000.00	\$ 50,000.00
EROSION CONTROL	1.0	LSUM	\$ 20,000.00	\$ 20,000.00
AGGREGATE BASE COURSE CL 5	4,500	TON	\$ 35.00	\$ 157,500.00
MILLING PAVEMENT SURFACE	5.0	MILE	\$ 20,000.00	\$ 100,000.00
SUPERPAVE FAA 43	15,500	TON	\$ 85.00	\$ 1,317,500.00
CRS2P EMULSIFIED ASPHALT	68,000	GAL	\$ 3.00	\$ 204,000.00
COVER COAT MATERIAL CL 41	1,800	TON	\$ 40.00	\$ 72,000.00
TRAFFIC CONTROL	1.0	LSUM	\$ 50,000.00	\$ 50,000.00
PVMT MK PAINTED 4IN LINE	112,890	LF	\$ 0.06	\$ 6,773.40

**Estimated Total Construction Cost = \$ 2,247,773.40**  
**Use \$ 2,500,000.00**

**POLK COUNTY, MN HIGHWAY IMPROVEMENTS**

ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
EARTHWORK	2.5	MILE	\$ 200,000.00	\$ 500,000.00
EROSION CONTROL	1.0	LSUM	\$ 50,000.00	\$ 50,000.00
SPWEB240B	4,600	TON	\$ 60.00	\$ 276,000.00
SPNWB230B	1,200	TON	\$ 60.00	\$ 72,000.00
AGGREGATE CL 1	2,700	TON	\$ 20.00	\$ 54,000.00
AGGREGATE BASE CL 5M	20,000	TON	\$ 20.00	\$ 400,000.00
GEOGRID	6,060	SY	\$ 5.00	\$ 30,300.00
TRAFFIC CONTROL	1.0	LSUM	\$ 15,000.00	\$ 15,000.00
RUMBLE STRIPS, SIGNING, STRIPING	1.0	LSUM	\$ 30,000.00	\$ 30,000.00

**Estimated Total Construction Cost = \$ 1,427,300.00**  
**Use \$ 1,500,000.00**

### BRIDGE REPLACEMENT

ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
MOBILIZATION	1.0	L SUM	\$ 400,000.00	\$ 400,000.00
BRIDGE APPROACH PANEL	2.0	EA	\$ 5,000.00	\$ 10,000.00
SUBSTRUCTURE CONCRETE	740	CY	\$ 800.00	\$ 592,000.00
BRIDGE SLAB CONCRETE	34,280	SF	\$ 65.00	\$ 2,228,200.00
TYPE F RAILING CONCRETE	1,774	LF	\$ 30.00	\$ 53,220.00
REINFORCEMENT BARS	3,700	LBS	\$ 2.00	\$ 7,400.00
REINFORCEMENT BARS (EPOXY COATED)	411,360	LBS	\$ 2.10	\$ 863,856.00
STRUCTURE EXCAVATION	1	L SUM	\$ 75,000.00	\$ 75,000.00
FOUNDATION PREPARATION	1	L SUM	\$ 15,000.00	\$ 15,000.00
SLOPE PREPARATION	1	L SUM	\$ 30,000.00	\$ 30,000.00
STRUCTURAL STEEL	1,211,161	LBS	\$ 2.00	\$ 2,422,322.00
FLOOR DRAIN	15	EA	\$ 30.00	\$ 450.00
EXPANSION JOINT DEVICE	74	LF	\$ 15.00	\$ 1,110.00
BEARING ASSEMBLY	65	EA	\$ 50.00	\$ 3,250.00
REMOVE OLD BRIDGE	1	L SUM	\$ 15,000.00	\$ 15,000.00
C.I.P. CONCRETE PILING 16"	15,085	LF	\$ 35.00	\$ 527,975.00
PILE POINTS16"	126	EA	\$ 30.00	\$ 3,780.00
EPOXY ZINC RICH PAINT SYSTEM (SHOP)	843	SF	\$ 5.00	\$ 4,215.00
DRAINAGE SYSTEM	1	L SUM	\$ 5,000.00	\$ 5,000.00
RIPRAP	2,458	CY	\$ 60.00	\$ 147,480.00

**Estimated Total Construction Cost = \$ 7,405,258**

**Use \$ 7,500,000**

**Subtotal \$ 11,500,000**

**Eng & Contingency (10%) \$ 1,150,000**

**Total Cost \$ 12,650,000**