

**SAN JUAN COUNTY  
BRIDGE 8130 REPLACEMENT ON COUNTY ROAD 5500  
Control No.: C5182658**

<b>ENGINEER'S OPINION OF PROBABLE COSTS</b>						
ITEM NO.	DESCRIPTION OF ITEM	UNIT	TOTAL		Unit	Total
					Cost	Cost
203100	BORRROW	CU. YD.	6,800	x	\$29.00	= \$197,200.00
203200	UNSUITABLE MATERIAL EXCAVATION	CU. YD.	3,500		\$35.00	= \$122,500.00
203211	UNSTABLE SUBGRADE STABILIZATION	CU. YD.	1,400	x	\$15.00	= \$21,000.00
207000	SUBGRADE PREPARATION	SQ. YD.	5,300	x	\$5.00	= \$26,500.00
210002	MAJOR STRUCTURAL EXCAVATION	CU. YD.	283	x	\$45.00	= \$12,735.00
210003	MAJOR STRUCTURAL BACKFILL	CU. YD.	1,307	x	\$60.00	= \$78,420.00
303000	BASE COURSE	TON	4,060	x	\$33.00	= \$133,980.00
407000	ASPHALT MATERIAL FOR TACK COAT	TON	3	x	\$1,800.00	= \$5,400.00
408100	PRIME COAT MATERIAL	TON	13	x	\$1,500.00	= \$19,500.00
416003	MINOR PAVEMENT HMA SP-III	SQ. YD.	6,530	x	\$60.00	= \$391,800.00
502060	DRILLED SHAFT FOUNDATION 60" DIAMETER	LIN. FT.	400	x	\$1,800.00	= \$720,000.00
502166	PERMANENT CASING 66" DIAMETER	LIN. FT.	220	x	\$800.00	= \$176,000.00
505000	CROSSHOLE SONIC LOGGING CONSULTANT TESTING	EACH	12	x	\$3,000.00	= \$36,000.00
505011	LOW STRAIN INTEGRITY CONSULTANT TESTING	EACH	12	x	\$500.00	= \$6,000.00
511000	SUBSTRUCTURE CONCRETE CLASS A	CU. YD.	338	x	\$1,400.00	= \$473,200.00
511070	SUBSTRUCTURE CONCRETE CLASS HPD	CU. YD.	452	x	\$1,100.00	= \$497,200.00
514042	CONCRETE BARRIER RAILINGS 42"	LIN. FT.	490	x	\$250.00	= \$122,500.00
518045	PRESTRESSED CONCRETE BRIDGE MEMBER TYPE 45	LIN. FT.	356	x	\$500.00	= \$178,000.00
518072	PRESTRESSED CONCRETE BRIDGE MEMBER TYPE 72	LIN. FT.	847	x	\$650.00	= \$550,550.00
531001	PERMANENT ANTI-GRAFFITI PROTECTIVE COATING	SQ. YD.	1,011	x	\$3.50	= \$3,538.50
536001	EPOXY URETHANE POLYMER CONCRETE BRIDGE DECK OVERLAY	SQ. YD.	1,326	x	\$65.00	= \$86,190.00
540060	REINFORCING BARS GRADE 60	LBS.	12,362	x	\$1.70	= \$21,015.40
540160	EPOXY COATED REINFORCING BARS GRADE 60	LBS.	107,418	x	\$1.95	= \$209,465.10
541000	STRUCTURAL STEEL FOR CONCRETE BRIDGES	LBS.	12,775	x	\$5.00	= \$63,875.00
543100	METAL RAILING, PEDESTRIAN	LIN. FT.	485	x	\$275.00	= \$133,375.00
560000	ELASTOMERIC BEARING PAD	EACH	24	x	\$1,000.00	= \$24,000.00
562000	BRIDGE JOINT STRIP SEAL	LIN. FT.	106	x	\$220.00	= \$23,320.00
563099	POLYMER BRIDGE JOINT SEALS	LIN. FT.	196	x	\$45.00	= \$8,820.00
601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	1	x	\$400,000.00	= \$400,000.00
601110	REMOVAL OF SURFACING	SQ. YD.	3,220	x	\$7.00	= \$22,540.00
602000	RIPRAP CLASS A	CU. YD.	120	x	\$250.00	= \$30,000.00
602020	RIPRAP CLASS C	CU. YD.	1,250	x	\$250.00	= \$312,500.00
603100	TEMPORARY SOIL STABILANT	ACRE	1	x	\$2,000.00	= \$2,000.00
604300	GEOGRID REINFORCEMENT	SQ. YD.	340	x	\$35.00	= \$11,900.00
606001	SINGLE FACED W-BEAM GUARDRAIL	LIN. FT.	1,190	x	\$35.00	= \$41,650.00
606052	END TREATMENT TL-2 END TREATMENT	EACH	5	x	\$3,500.00	= \$17,500.00
606053	END TREATMENT W-BEAM END ANCHOR	EACH	5	x	\$1,800.00	= \$9,000.00
606062	TRANSITION METAL BARRIER TO RIGID BARRIER	EACH	4	x	\$4,000.00	= \$16,000.00
606063	EXISTING BEAM GUARDRAIL TO 31" BEAM GUARDRAIL TRANSITION	EACH	2	x	\$1,200.00	= \$2,400.00
606401	REMOVE AND REINSTALL GUARDRAIL	LIN. FT.	140	x	\$35.00	= \$4,900.00
606599	RESETTING OF TCWB	LIN. FT.	720	x	\$7.00	= \$5,040.00
606710	TCWB RETAINED BY THE CONTRACTOR (20')	LIN. FT.	360	x	\$50.00	= \$18,000.00
607199	REMOVE AND REBUILD FENCE	LIN. FT.	790	x	\$21.00	= \$16,590.00
632000	CLASS A SEEDING	ACRE	1	x	\$15,000.00	= \$15,000.00
704700	HOT THERMOPLASTIC PAVEMENT MARKINGS 4"	LIN. FT.	4,800	x	\$1.75	= \$8,400.00

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ITEM NO.	DESCRIPTION OF ITEM	UNIT	TOTAL		Unit Cost	Total Cost
					=	=
107000	ENVIRONMENTAL COMMITMENTS	L.S.	1	x	\$80,000.00	= \$80,000.00
201000	CLEARING AND GRUBBING	L.S.	1	x	\$15,000.00	= \$15,000.00
603281	SWPPP PLAN PREPARATION AND MAINTENANCE	L.S.	1	x	\$20,000.00	= \$20,000.00
618000	TRAFFIC CONTROL MANAGEMENT	L.S.	1	x	\$160,000.00	= \$160,000.00
621000	MOBILIZATION	L.S.	1	x	\$557,550.40	= \$557,550.40
702810	TRAFFIC CONTROL DEVICES FOR CONSTRUCTION	L.S.	1	x	\$25,000.00	= \$75,000.00
					Total Cost	= \$6,183,054.40
					Contingency	= 10.00%
					Contingency	= \$618,305.44
					<b>Total Cost</b>	<b>= \$6,801,359.84</b>