

OC70667 2008 ON-CALL STRUCTURAL AND SAFETY REPAIRS, PHASE I  
 Engineer's Bid Opening: December 14, 2007  
 Estimate

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	Engineer's Estimate		K.E.C.I. Colorado, Inc. Contractors Bonding & Ins. Company		ABC0 Contracting Co. Insurance Company of the West		Hallmark Construction Contractors Bonding & Insurance				
				UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT BID	TOTAL BID	
202-00203	REMOVAL OF CURB AND GUTTER	46	LIN FT	\$ 10.13	\$ 465.98	\$ 20.00	\$ 920.00	\$ 14.00	\$ 644.00	\$ 782.00	\$ 14.28	\$ 656.88	\$ 25.00	\$ 1,150.00
202-00206	REMOVAL OF SIDEWALK	91	SO YD	\$ 20.00	\$ 1,820.00	\$ 25.00	\$ 2,275.00	\$ 23.00	\$ 2,093.00	\$ 2,184.00	\$ 20.16	\$ 1,834.56	\$ 30.00	\$ 2,730.00
202-00210	REMOVAL OF CONCRETE PAVEMENT	41	SO YD	\$ 29.75	\$ 1,219.75	\$ 45.00	\$ 1,845.00	\$ 36.00	\$ 1,476.00	\$ 1,660.50	\$ 34.02	\$ 1,394.82	\$ 50.00	\$ 2,050.00
202-00220	REMOVAL OF ASPHALT MAT	30	SO YD	\$ 24.00	\$ 720.00	\$ 40.00	\$ 1,200.00	\$ 31.00	\$ 930.00	\$ 1,065.00	\$ 29.82	\$ 894.60	\$ 40.00	\$ 1,200.00
202-00426	REMOVAL OF BRIDGE RAILING (STOCKPILE)(ALUMINUM)	20	LIN FT	\$ 42.50	\$ 850.00	\$ 25.00	\$ 500.00	\$ 30.00	\$ 600.00	\$ 550.00	\$ 23.10	\$ 462.00	\$ 25.00	\$ 500.00
202-00505	REMOVAL OF PORTIONS OF PRESENT STRUCTURE (BRIDGE DECK 0-2 INCH)	20	SO YD	\$ 155.00	\$ 3,100.00	\$ 250.00	\$ 5,000.00	\$ 121.00	\$ 2,420.00	\$ 3,710.00	\$ 155.82	\$ 3,116.40	\$ 225.00	\$ 4,500.00
202-00506	REMOVAL OF PORTIONS OF PRESENT STRUCTURE (BRIDGE DECK 0-4 INCH)	20	SO YD	\$ 302.00	\$ 6,040.00	\$ 350.00	\$ 7,000.00	\$ 178.00	\$ 3,560.00	\$ 5,280.00	\$ 221.76	\$ 4,435.20	\$ 300.00	\$ 6,000.00
202-01002	REMOVAL OF STEEL RAIL	304	LIN FT	\$ 23.00	\$ 6,992.00	\$ 15.00	\$ 4,560.00	\$ 18.00	\$ 5,472.00	\$ 5,016.00	\$ 13.86	\$ 4,213.44	\$ 15.00	\$ 4,560.00
202-04002	CLEAN CULVERT	300	LIN FT								\$ 30.00	\$ 9,000.00	\$ 25.00	\$ 7,500.00
203-00000	UNCLASSIFIED EXCAVATION	36	CU YD	\$ 32.50	\$ 1,170.00	\$ 50.00	\$ 1,800.00	\$ 70.00	\$ 2,520.00	\$ 2,160.00	\$ 50.40	\$ 1,814.40	\$ 40.00	\$ 1,440.00
203-00100	MUCK EXCAVATION	20	CU YD	\$ 36.25	\$ 725.00	\$ 50.00	\$ 1,000.00	\$ 70.00	\$ 1,400.00	\$ 1,200.00	\$ 50.40	\$ 1,008.00	\$ 50.00	\$ 1,000.00
206-00000	STRUCTURE EXCAVATION	56	CU YD	\$ 37.50	\$ 2,100.00	\$ 50.00	\$ 2,800.00	\$ 70.00	\$ 3,920.00	\$ 3,360.00	\$ 50.40	\$ 2,822.40	\$ 35.00	\$ 1,960.00
206-00065	STRUCTURE BACKFILL (FLOW-FILL)	30	CU YD	\$ 142.75	\$ 4,282.50	\$ 150.00	\$ 4,500.00	\$ 150.00	\$ 4,500.00	\$ 4,500.00	\$ 126.00	\$ 3,780.00	\$ 150.00	\$ 4,500.00
206-00100	STRUCTURE BACKFILL (CLASS 1)	51	CU YD	\$ 50.25	\$ 2,562.75	\$ 50.00	\$ 2,550.00	\$ 42.00	\$ 2,142.00	\$ 2,346.00	\$ 38.64	\$ 1,970.64	\$ 50.00	\$ 2,550.00
304-06000	AGGREGATE BASE COURSE (CLASS 6)(CIP)	30	TON	\$ 40.00	\$ 1,200.00	\$ 50.00	\$ 1,500.00	\$ 25.00	\$ 750.00	\$ 1,125.00	\$ 31.50	\$ 945.00	\$ 50.00	\$ 1,500.00
403-00721	HOT BITUMINOUS PAVEMENT (PATCHING)(ASPHALT)	15	TON	\$ 138.75	\$ 2,081.25	\$ 175.00	\$ 2,625.00	\$ 173.00	\$ 2,595.00	\$ 2,610.00	\$ 146.16	\$ 2,192.40	\$ 165.00	\$ 2,475.00
403-35400	HOT BITUMINOUS PAVEMENT (GRADING SX) (109)	15	TON	\$ 139.25	\$ 2,088.75	\$ 175.00	\$ 2,625.00	\$ 177.00	\$ 2,655.00	\$ 2,640.00	\$ 147.84	\$ 2,217.60	\$ 115.00	\$ 1,725.00
412-00600	6 INCH CONCRETE PAVEMENT	41	SO YD	\$ 56.00	\$ 2,296.00	\$ 70.00	\$ 2,870.00	\$ 53.00	\$ 2,173.00	\$ 2,521.50	\$ 51.66	\$ 2,118.06	\$ 75.00	\$ 3,075.00
412-00800	8 INCH CONCRETE PAVEMENT	51	SO YD	\$ 67.50	\$ 3,442.50	\$ 80.00	\$ 4,080.00	\$ 89.00	\$ 4,539.00	\$ 4,309.50	\$ 70.98	\$ 3,619.98	\$ 80.00	\$ 4,080.00
412-01000	10 INCH CONCRETE PAVEMENT	41	SO YD	\$ 95.00	\$ 3,895.00	\$ 90.00	\$ 3,690.00	\$ 103.00	\$ 4,223.00	\$ 3,956.50	\$ 81.06	\$ 3,323.46	\$ 86.00	\$ 3,526.00
412-15000	ROUTING, SEALING CRACKS	500	LIN FT								\$ 4.50	\$ 2,250.00	\$ 6.00	\$ 3,000.00
506-00212	RIPRAP (12 INCH)	51	CU YD	\$ 112.50	\$ 5,737.50	\$ 100.00	\$ 5,100.00	\$ 120.00	\$ 6,120.00	\$ 5,610.00	\$ 92.40	\$ 4,712.40	\$ 100.00	\$ 5,100.00
506-00218	RIPRAP (18 INCH)	51	CU YD	\$ 126.25	\$ 6,438.75	\$ 125.00	\$ 6,375.00	\$ 155.00	\$ 7,905.00	\$ 7,140.00	\$ 117.60	\$ 5,997.60	\$ 150.00	\$ 7,650.00
513-00620	CLEAN DECK DRAINS	30	EACH								\$ 75.00	\$ 2,250.00	\$ 150.00	\$ 4,500.00
514-00000	PIPE RAIL (2 INCH DIA.)	101	LIN FT	\$ 94.00	\$ 9,494.00	\$ 75.00	\$ 7,575.00	\$ 57.00	\$ 5,757.00	\$ 6,666.00	\$ 55.44	\$ 5,599.44	\$ 65.00	\$ 6,565.00
514-00200	FABRICATION AND INSTALLATION OF PEDESTRIAN RAILING (STEEL)(NEW)	290	LIN FT	\$ 144.00	\$ 41,760.00	\$ 100.00	\$ 29,000.00	\$ 367.00	\$ 106,430.00	\$ 67,715.00	\$ 196.14	\$ 56,880.60	\$ 100.00	\$ 29,000.00
514-00201	PAINTING OF PEDESTRIAN RAILING (STEEL)(NEW)	290	LIN FT	\$ 22.25	\$ 6,452.50	\$ 25.00	\$ 7,250.00	\$ 62.00	\$ 17,980.00	\$ 12,615.00	\$ 36.54	\$ 10,596.60	\$ 20.00	\$ 5,800.00
514-01001	BRIDGE RAILING (ALUMINUM) (REPAIR)	51	LIN FT	\$ 122.50	\$ 6,247.50	\$ 100.00	\$ 5,100.00	\$ 170.00	\$ 8,670.00	\$ 6,885.00	\$ 113.40	\$ 5,783.40	\$ 50.00	\$ 2,550.00
514-01018	FABRICATION AND INSTALLATION OF STEEL SECURITY BARRIER	200	LIN FT	\$ 176.50	\$ 35,300.00	\$ 85.00	\$ 17,000.00	\$ 557.00	\$ 111,400.00	\$ 64,200.00	\$ 269.64	\$ 53,928.00	\$ 65.00	\$ 13,000.00
514-01019	PAINTING OF STEEL SECURITY BARRIER	200	LIN FT	\$ 26.00	\$ 5,200.00	\$ 25.00	\$ 5,000.00	\$ 69.00	\$ 13,800.00	\$ 9,400.00	\$ 39.48	\$ 7,896.00	\$ 18.00	\$ 3,600.00
515-00120	WATERPROOFING (MEMBRANE)(REPAIR)	253	SO YD	\$ 20.25	\$ 5,123.25	\$ 20.00	\$ 5,060.00	\$ 12.50	\$ 3,162.50	\$ 4,111.25	\$ 13.65	\$ 3,453.45	\$ 25.00	\$ 6,325.00
515-00400	CONCRETE SEALER	3500	SO YD								\$ 5.40	\$ 18,900.00	\$ 16.00	\$ 56,000.00
518-01004	BRIDGE EXPANSION DEVICE (0-4 INCH)	122	LIN FT	\$ 434.00	\$ 52,948.00					\$ 52,948.00	\$ 434.00	\$ 52,948.00	\$ 350.00	\$ 42,700.00
601-03540	CONCRETE CLASS DT (DECK TOPPING)	26	CU YD	\$ 572.50	\$ 14,885.00	\$ 500.00	\$ 13,000.00	\$ 400.00	\$ 10,400.00	\$ 11,700.00	\$ 378.00	\$ 9,828.00	\$ 350.00	\$ 9,100.00
601-06100	CONCRETE (PATCHING)	25	CU YD	\$ 500.00	\$ 12,500.00	\$ 500.00	\$ 12,500.00	\$ 909.00	\$ 22,725.00	\$ 17,612.50	\$ 591.78	\$ 14,794.50	\$ 450.00	\$ 11,250.00
601-07001	CONCRETE CLASS B	37	CU YD	\$ 475.00	\$ 17,575.00	\$ 400.00	\$ 14,800.00	\$ 381.00	\$ 14,097.00	\$ 14,448.50	\$ 328.02	\$ 12,136.74	\$ 390.00	\$ 14,430.00
601-10100	MUD JACKING (FURNISHED)	25	CU YD	\$ 381.25	\$ 9,531.25	\$ 300.00	\$ 7,500.00	\$ 328.00	\$ 8,200.00	\$ 7,850.00	\$ 263.76	\$ 6,594.00	\$ 325.00	\$ 8,125.00
601-10500	SLAB JACKING (FOAM METHOD)	400	LB	\$ 11.75	\$ 4,700.00	\$ 12.00	\$ 4,800.00	\$ 7.75	\$ 3,100.00	\$ 3,950.00	\$ 8.30	\$ 3,318.00	\$ 15.00	\$ 6,000.00
602-00000	REINFORCEMENT STEEL	1000	LB								\$ 1.50	\$ 1,500.00	\$ 1.50	\$ 1,500.00
602-00020	REINFORCEMENT STEEL (EPOXY COATED)	1000	LB								\$ 1.75	\$ 1,750.00	\$ 2.00	\$ 2,000.00
606-00302	TYPE 3 RAILING (6' 3" POST SPA)	202	LIN FT	\$ 46.50	\$ 9,393.00	\$ 50.00	\$ 10,100.00	\$ 38.00	\$ 7,676.00	\$ 8,888.00	\$ 36.96	\$ 7,465.92	\$ 45.00	\$ 9,090.00
607-53160	FENCE CHAIN LINK (60 INCH)	75	LIN FT	\$ 37.00	\$ 2,775.00	\$ 40.00	\$ 3,000.00	\$ 31.00	\$ 2,325.00	\$ 2,662.50	\$ 29.82	\$ 2,236.50	\$ 35.00	\$ 2,625.00
608-00000	CONCRETE SIDEWALK	80	SO YD	\$ 40.00	\$ 3,200.00	\$ 40.00	\$ 3,200.00	\$ 47.00	\$ 3,760.00	\$ 3,480.00	\$ 36.54	\$ 2,923.20	\$ 54.00	\$ 4,320.00
608-00010	CONCRETE CURB RAMP	20	SO YD	\$ 116.50	\$ 2,330.00	\$ 100.00	\$ 2,000.00	\$ 118.00	\$ 2,360.00	\$ 2,180.00	\$ 91.56	\$ 1,831.20	\$ 100.00	\$ 2,000.00
609-21020	CURB AND GUTTER (TYPE II)	46	LIN FT	\$ 24.25	\$ 1,115.50	\$ 30.00	\$ 1,380.00	\$ 25.00	\$ 1,150.00	\$ 1,265.00	\$ 23.10	\$ 1,062.60	\$ 35.00	\$ 1,610.00
614-85115	IMPACT ATTENUATOR (QUADGUARD)	8	EA	\$ 11,875.00	\$ 95,000.00	\$ 11,000.00	\$ 88,000.00	\$ 13,800.00	\$ 110,400.00	\$ 99,200.00	\$ 10,416.00	\$ 83,328.00	\$ 10,500.00	\$ 84,000.00
630-00000	FLAGGING	506	HR	\$ 30.25	\$ 15,306.50	\$ 26.00	\$ 13,156.00	\$ 35.80	\$ 18,114.80	\$ 15,635.40	\$ 25.96	\$ 13,133.74	\$ 30.00	\$ 15,180.00
630-00002	TRAFFIC CONTROL SUPERVISOR	35	DAY	\$ 405.00	\$ 14,175.00	\$ 500.00	\$ 17,500.00	\$ 738.00	\$ 25,830.00	\$ 21,665.00	\$ 519.96	\$ 18,198.60	\$ 525.00	\$ 18,375.00
630-80336	BARRICADE (3 M-B) (TEMPORARY)	16	PER EACH PER DAY	\$ 25.00	\$ 400.00	\$ 15.00	\$ 240.00	\$ 8.60	\$ 137.60	\$ 188.80	\$ 9.91	\$ 158.59	\$ 10.00	\$ 160.00
630-80341	CONST. TRAFFIC SIGN (PANEL SIZE A)	51	PER EACH PER DAY	\$ 15.00	\$ 765.00	\$ 10.00	\$ 510.00	\$ 1.80	\$ 91.80	\$ 300.90	\$ 4.96	\$ 252.76	\$ 2.00	\$ 102.00
630-80342	CONST. TRAFFIC SIGN (PANEL SIZE B)	126	PER EACH PER DAY	\$ 16.00	\$ 2,016.00	\$ 15.00	\$ 1,890.00	\$ 2.60	\$ 327.60	\$ 1,108.80	\$ 7.39	\$ 931.39	\$ 25.00	\$ 3,150.00
630-80343	ADVANCED WARNING FLASHING OR SEQUENCING ARROW PANEL (C TYPE)	25	PER EACH PER DAY	\$ 65.00	\$ 1,625.00	\$ 50.00	\$ 1,250.00	\$ 74.00	\$ 1,850.00	\$ 1,550.00	\$ 52.08	\$ 1,302.00	\$ 100.00	\$ 2,500.00
630-80354	VERTICAL PANEL (WITH LIGHT) (STEADY BURN)	66	PER EACH PER DAY	\$ 17.25	\$ 1,138.50	\$ 7.00	\$ 462.00	\$ 2.00	\$ 132.00	\$ 297.00	\$ 3.78	\$ 249.48	\$ 3.00	\$ 198.00
630-80355	PORTABLE MESSAGE SIGN PANEL	6	PER EACH PER DAY	\$ 241.25	\$ 1,447.50	\$ 200.00	\$ 1,200.00	\$ 397.00	\$ 2,382.00	\$ 1,791.00	\$ 250.74	\$ 1,504.44	\$ 200.00	\$ 1,200.00
630-80364	DRUM CHANNEL DEVICE(WITH LIGHT)(STEADY BURN)	132	PER EACH PER DAY	\$ 31.13	\$ 4,109.16	\$ 10.00	\$ 1,320.00	\$ 2.00	\$ 264.00	\$ 792.00	\$ 5.04	\$ 665.28	\$ 10.00	\$ 1,320.00
630-80370	CONCRETE BARRIER (TEMPORARY)	6	EA	\$ 275.00	\$ 1,650.00	\$ 200.00	\$ 1,200.00	\$ 363.00	\$ 2,178.00	\$ 1,689.00	\$ 236.46	\$ 1,418.76	\$ 175.00	\$ 1,050.00
630-80372	CONCRETE BARRIER (TAPERED END SECTION)(12 FOOT)	6	EA	\$ 322.25	\$ 1,933.50	\$ 200.00	\$ 1,200.00	\$ 363.00	\$ 2,178.00	\$ 1,689.00	\$ 236.46	\$ 1,418.76	\$ 50.00	\$ 300.00
630-80375	CONCRETE BARRIER (TEMPORARY)(INSTALL ONLY)	11	EA	\$ 137.50	\$ 1,512.50	\$ 150.00	\$ 1,650.00	\$ 153.00	\$ 1,683.00	\$ 1,666.50	\$ 127.26	\$ 1,399.86	\$ 150.00	\$ 1,650.00
630-80380	TRAFFIC CONE	658	PER EACH PER DAY	\$ 3.00	\$ 1,974.00	\$ 1.00	\$ 658.00	\$ 1.15	\$ 756.70	\$ 707.35	\$ 0.90	\$ 594.17	\$ 6.00	\$ 3,948.00
700-70052	MANLIFT	15	DAY	\$ 425.00	\$ 6,375.00	\$ 400.00	\$ 6,000.00	\$ 441.00	\$ 6,615.00	\$ 6,307.50	\$ 353.22	\$ 5,298.30	\$ 350.00	\$ 5,250.00
<b>TOTAL:</b>				\$ 449,185.39	\$ 349,316.00	\$ 578,570.00	\$							