

ANALYSIS OF BIDS  
 JOB NO. CA0907 - HWY. 112 - I-49 (S)  
 LETTING OF DECEMBER 17, 2014

QUANTITY	UNIT	ITEM	EUTAW CONST. CO., INC.	EMERY SAPP & SONS, INC.	SHERWOOD/WICHITA IN ARK.	AVG OF LOW BIDS
15,861.00	CUYD	UNCLASS. EXCAV.FOR STRS-BR	25.00	98.00	12.58	45.19
11,551.60	CUYD	CLASS S CONCRETE - BRIDGE	375.00	505.00	678.50	519.50
8,852.70	CUYD	CLASS S(AE) CONCRETE - BRIDGE	650.00	528.00	610.53	596.18
4,133.40	LF	PRESTRESSED CONC.GRDS. (TYPE III)	176.31	185.00	208.62	189.98
2,020.00	LF	PRESTRESSED CONC.GRDS. (TYPE IV)	203.79	205.00	227.02	211.94
10,175.50	LF	PRESTRESSED CONC.GRDS. (TYPE BT-72)	239.84	251.00	263.84	251.56
31,902.40	SQYD	CLASS 2 PROTECT. SURF.TREATMENT	1.67	4.10	5.00	3.59
1,741,410.00	LB	REINF.STEEL-BRIDGE (GR 60)	1.02	1.01	1.26	1.10
2,320,830.00	LB	EPOXY COAT.REINF.STEEL (GR 60)	1.27	1.08	1.26	1.20
16,389.00	LF	STEEL PILING (HP 12 X 53)	51.99	67.50	82.31	67.27
2,923.00	LF	PREBORING	51.82	185.00	238.71	158.51
4,206,130.00	LB	STR.ST.PL.GRD.SPNS. (M270-GR50)	1.75	1.98	2.19	1.97
301,790.00	LB	STR.ST.BM.SPANS (M270-GR50)	1.75	2.10	2.45	2.10
2,212.20	TON	PAINTING STR. STEEL	267.51	330.00	338.39	311.97
392,042.00	CUIN	ELASTOMERIC BEARINGS	1.60	2.25	2.35	2.07
663.00	LF	SILICONE JOINT SEALANT	10.00	57.00	42.38	36.46
826.00	LF	ARM. JT W / NEOPRENE STRIP SEAL	253.01	265.00	143.09	220.37
14.00	EACH	BRIDGE NAME PLATE (TYPE D)	2,251.50	900.00	844.45	1,331.98
7,266.00	SQYD	FILTER BLANKET	3.09	3.50	3.68	3.42
3,633.00	CUYD	DUMPED RIPRAP	72.77	64.00	73.63	70.13
1,321.00	CUYD	CONC RIPRAP	395.00	490.00	601.75	495.58
1.00	L.S.	SHORING (SITE NO. 4)	40,000.00	97,000.00	27,831.54	54,943.85
360.00	LF	EXPLORATORY HOLES	73.93	120.00	112.62	102.18
9,772.00	SQYD	TEXTURED COATING FINISH	3.51	10.00	12.27	8.59
TOTAL AMOUNT BID FOR JOB			\$100,620,381.24	\$103,862,232.23	\$105,797,822.58	
TOTAL AMOUNT BID FOR BRIDGE			<b>\$30,108,625.70</b>	<b>\$33,824,574.84</b>	<b>\$37,828,620.90</b>	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
A7304	1007.18	43.17	<b>43,476.51</b>	1A	NA
B7304	1007.18	43.17	<b>43,476.51</b>	2A	NA
A7305	207.21	43.17	<b>8,944.72</b>	3A	NA
B7305	207.21	43.17	<b>8,944.72</b>	4A	NA
A7306	394.73	53.86	<b>21,258.85</b>	5A	NA
07307	200.20	43.17	<b>8,641.88</b>	6A	NA
07308	198.17	31.17	<b>6,176.20</b>	7A	NA
07309	249.66	31.17	<b>7,780.96</b>	8A	NA
07310	209.27	33.17	<b>6,940.82</b>	9A	NA
07311	362.21	28.00	<b>10,141.83</b>	10A	NA
07312	979.85	28.00	<b>27,435.92</b>	11A	NA
07313	415.89	32.00	<b>13,308.33</b>	12A	NA
07314	1102.21	30.17	<b>33,249.99</b>	13A	NA
07315	235.59	43.00	<b>10,130.31</b>	14A	NA
		A =	<b>249,907.57</b>		

- 1A 1005' - THREE CONT COMP PRESTR CONC GRDR UNITS: 1 @ 330' (3 SPANS @ 110'), 2 @ 220' (2 SPANS @ 110')  
 TWO SIMPLE COMP PRESTR CONC GRDR SPANS: 125' & 110' W/SINGLE COL ON SPRD FTGS @ INT BENTS & STL H-PILE END BENTS.
- 2A 1005' - THREE CONT COMP PRESTR CONC GRDR UNITS: 1 @ 330' (3 SPANS @ 110'), 2 @ 220' (2 SPANS @ 110')  
 TWO SIMPLE COMP PRESTR CONC GRDR SPANS: 125' & 110' W/SINGLE COL ON SPRD FTGS @ INT BENTS & STL H-PILE END BENTS.
- 3A 205' - CONT COMP PRESTR CONC GRDR UNIT (60'-85'-60') W/MULTI-COLS ON H-PILE FTGS @ INT BENTS & STL H-PILE END BENTS.
- 4A 205' - CONT COMP PRESTR CONC GRDR UNIT (60'-85'-60') W/MULTI-COLS ON H-PILE FTGS @ INT BENTS & STL H-PILE END BENTS.
- 5A 392.5' - CONT COMP PRESTR CONC GRDR UNIT (5 @ 78.5') W/MULTI-COLS ON SPRD FTGS @ INT BENTS & STL H-PILE END BENTS.
- 6A 198' - CONT COMP PLATE GIRDER UNIT (2 @ 99') W/SINGLE COL ON H-PILE FTG @ INT BENT & STL H-PILE END BENTS.
- 7A 196' - CONT COMP PLATE GIRDER UNIT (2 @ 98') W/SINGLE COL ON H-PILE FTG @ INT BENT & STL H-PILE END BENTS.
- 8A 247' - CONT COMP PLATE GIRDER UNIT (119'-128') W/SINGLE COL ON H-PILE FTG @ INT BENT & STL H-PILE END BENTS.
- 9A 207' - CONT COMP PLATE GIRDER UNIT (104'-103') W/SINGLE COL ON SPRD FTG @ INT BENT & STL H-PILE END BENTS.
- 10A 360' - CONT COMP PRESTR CONC GRDR UNIT (5@ 72') W/SINGLE COL ON SPRD FTG @ INT BENTS & STL H-PILE END BENTS.
- 11A 973.96' - TWO CONT COMP PLATE GIRDER UNITS: 1 @ 556.47' (125'-192'-239.47' SPANS) & 1 @ 417.49' (212.49'-205' SPANS)  
 W/SINGLE COL ON SPRD & H-PILE FTGS @ INT BENTS & STL H-PILE END BENTS.
- 12A 413' - CONT COMP PLATE GIRDER UNIT (97'-121'-118'-77') W/MULTI-COLS ON SPRD FTGS @ INT BENTS & STL H-PILE END BENTS.
- 13A 1100' - TWO CONT COMP PLATE GIRDER UNITS: 1@ 542' (110'-170'-132'-130' SPANS) & 1 @ 558' (124'-155'-155'-124' SPANS)  
 W/SINGLE COL ON SPRD & H-PILE FTGS @ INT BENTS & STL H-PILE END BENTS.
- 14A 233' - CONT COMP W-BEAM UNIT (66' - 101' - 66') W/MULTI COLS ON H-PILE FTGS @ INT BENTS & STEEL H-PILE END BENTS.

OUT TO OUT COST (\$/SF) = \$30,108,625.70 /A = **\$120.48**  
 LESS REMOVAL / TEMP BR/ SHORING (\$/SF) **\$0.16**  
 NET COST (\$/SF) **\$120.32**

FHWA COST (\$/SF) = \$29,260,005.35 /A= \$117.08  
 EXISTING BR. REMOVAL (\$/SF) = N/A  
 DEDUCT REMVL, TEMP BR, RIPRAP, FLTR BLNKT, SHORING  
 CLEAR. GAUGES & TRANS APPR RAIL COSTS FROM FHWA COST.