

BRN-A421(1)

ANALYSIS OF BIDS  
 JOB NO. 009662 - YOCUM CREEK BRIDGE & APPRS. (S)  
 LETTING OF 09JAN2002

QUANTITY	UNIT	ITEM	CROUSE CONSTRUCTION CO.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR.(SITE 1)	50,000.00	50,000.00
749.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	80.00	80.00
2.00	EACH	COFFERDAMS	80,000.00	80,000.00
154.30	CUYD	CLASS S CONCRETE-BRIDGE	450.00	450.00
295.30	CUYD	CLASS S(AE) CONCRETE-BRIDGE	450.00	450.00
439.00	CUYD	SEAL CONCRETE-BRIDGE	300.00	300.00
17.00	LF	CORING SEAL FOOTING	40.00	40.00
25.60	GAL	CLASS 1 PROTECT.SURF.TREATMENT	50.00	50.00
99,930.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.60	0.60
340.00	LF	STEEL PILING (HP 12X53)	50.00	50.00
2.00	EACH	CROSSHOLE SONIC LOGGING	8,000.00	8,000.00
40.00	LF	EXPLORATORY HOLES	30.00	30.00
272,130.00	LB	STR.ST.PL.GRD.SPN(M270-GR50W)	1.28	1.28
12,360.00	CUIN	ELASTOMERIC BEARINGS	2.00	2.00
1.00	EACH	BRIDGE NAME PLATE (TYPE D)	700.00	700.00
65.00	SQYD	FILTER BLANKET	2.00	2.00
142.00	CUYD	DUMPED RIPRAP	30.00	30.00
TOTAL AMOUNT BID FOR JOB			\$1,807,043.23	
TOTAL AMOUNT BID FOR BRIDGE			\$1,078,194.40	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
06731	322.17	31.17	10,040.87	1A	1B
		A =	10,040.87		

1A 320'-0" Cont. Comp. Plate Girder Unit (97'-126'-97'); Hammerhead Int. Bent with Unreinforced Footing; Steel Pile End Bents

1B #M2852; 12'8" W x 302' L; Timber Deck and Steel Superstructure Supported by Concrete Substructure

OUT TO OUT COST (\$/SF)=	\$1,078,194.40	/A = \$ 107.38	* FHWA COST (\$/SF)=	\$1,023,804.40/A = \$101.96
LESS REMOVAL / TEMP. BR. (\$/SF)		= \$ 4.98	EXISTING BR. REMOVAL (\$/SF)	= \$ 12.93
NET COST (\$/SF)		= \$ 102.40	* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS	

FUNC. CLASS. - Maj. Collector

DESIGN SECTION - CJF

BRN-0034 (35)

ANALYSIS OF BIDS  
 JOB NO. 050007 - HWY. 67-EAST STRS. & APPRS. (S)  
 LETTING OF 09JAN2002

QUANTITY	UNIT	ITEM	MOBLEY CONTRACTORS, INC.	CAMERON CONST. CO., INC.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR.(SITE 1)	7,101.00	45,000.00	26,050.50
180.00	LF	TEMP.BR.STR.(24' RDWY.)	904.44	900.00	902.22
60.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	40.60	50.00	45.30
130.90	CUYD	CLASS S CONCRETE-BRIDGE	908.34	400.00	654.17
396.20	CUYD	CLASS S(AE) CONCRETE-BRIDGE	443.17	425.00	434.09
35.10	GAL	CLASS 1 PROTECT.SURF.TREATMENT	46.06	50.00	48.03
14,940.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.58	0.65	0.62
107,700.00	LB	EPOXY COAT.REINF.STEEL-GR 60	0.59	0.75	0.67
2,070.00	LF	CONC.PILING (18" SQUARE)	51.12	48.00	49.56
165.00	LF	TEST PILES (18" SQUARE)	99.55	125.00	112.28
271,050.00	LB	STR.ST.BM.SPANS(M270-GR50W)	1.01	1.15	1.08
23,708.00	CUIN	ELASTOMERIC BEARINGS	1.37	1.25	1.31
86.00	LF	ARM. JT W/NEOPRENE STRIP SEAL	113.95	100.00	106.98
1.00	EACH	BRIDGE NAME PLATE (TYPE D)	773.10	1,000.00	886.55
595.00	SQYD	FILTER BLANKET	2.82	2.75	2.79
299.00	CUYD	DUMPED RIPRAP	33.32	35.00	34.16
TOTAL AMOUNT BID FOR JOB			\$3,912,114.66	\$4,211,152.14	
TOTAL AMOUNT BID FOR BRIDGE			\$991,344.76	\$1,031,654.25	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
06874	332.19	43.17	14,339.44	1A	1B
A =			14,339.44		

1A 330'-0" Cont. Comp. W-Beam Unit (49'- 4 @ 58' - 49'); Concrete Pile Bents

1B #03365; 25'7" W X 304' L; 16 - 19' Precast Concrete Spans Supported by Concrete Caps with Concrete Piles

OUT TO OUT COST (\$/SF)= \$991,344.76 /A = \$ 69.13 \* FHWA COST (\$/SF)= \$809,803.98/A = \$ 56.47  
 LESS REMOVAL / TEMP. BR. (\$/SF) = \$ 0.50 EXISTING BR. REMOVAL (\$/SF) = \$ 0.91

NET COST (\$/SF) = \$ 68.63 \* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS

FUNC. CLASS - Min. Art.

DESIGN SECTION - CJF

ANALYSIS OF BIDS  
 JOB NO. 070114 - BEECH CREEKS STRS. & APPRS. (S)  
 LETTING OF 09JAN2002

QUANTITY	UNIT	ITEM	SOUTHERN PAVERS, INC.	HARDY CONST. CO., INC.	JOHNSVILLE SAND & GRAVEL CO.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR.(SITE 1)	75,000.00	7,000.00	10,000.00	30,666.67
1.00	L.S.	REMV.EXIST.BR.STR.(SITE 2)	130,000.00	15,000.00	25,000.00	56,666.67
146.00	LF	TEMP.BR.STR.(20' RDWY.)	1,315.00	950.00	900.00	1,055.00
11.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	30.00	250.00	75.00	118.33
144.30	CUYD	CLASS S CONCRETE-BRIDGE	527.00	675.00	525.00	575.67
284.90	CUYD	CLASS S(AE) CONCRETE-BRIDGE	485.00	560.00	550.00	531.67
23.90	GAL	CLASS 1 PROTECT.SURF.TREATMENT	35.00	35.00	40.00	36.67
38,140.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.56	0.50	0.70	0.59
45,000.00	LB	EPOXY COAT.REINF.STEEL-GR 60	0.66	0.64	0.75	0.68
910.00	LF	CONC.PILING (18" SQUARE)	35.00	67.50	60.00	54.17
685.00	LF	CONC.PILING(16 OCT/14 SQ)	26.00	55.00	45.00	42.00
95.00	LF	TEST PILES (18" SQUARE)	100.00	100.00	140.00	113.33
95.00	LF	TEST PILES (16" OCT/14" SQ.)	90.00	90.00	140.00	106.67
118,570.00	LB	STR.ST.BM.SPANS(M270-GR50W)	1.60	1.35	1.50	1.48
25,752.00	CUIN	ELASTOMERIC BEARINGS	0.85	1.05	1.25	1.05
148.00	LF	PREFORMED JOINT SEAL	35.00	38.00	35.00	36.00
2.00	EACH	BRIDGE NAME PLATE (TYPE C)	150.00	250.00	200.00	200.00
1,106.00	SQYD	FILTER BLANKET	4.00	4.00	3.00	3.67
553.00	CUYD	DUMPED RIPRAP	52.50	66.00	62.00	60.17
TOTAL AMOUNT BID FOR JOB			\$2,134,067.07	\$2,134,123.60	\$2,139,588.65	
TOTAL AMOUNT BID FOR BRIDGE			\$981,685.20	\$820,408.10	\$826,335.50	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
06862	107.19	31.17	3,340.68	1A	1B
06863	142.19	43.17	6,137.77	2A	2B
A =			9,478.45		

1A 105' Cont. Comp. W-Beam Unit (33'-39'-33'); Concrete Pile Bents

2A 140' Cont. Comp. W-Beam Unit (32'-38'-38'-32'); Concrete Pile Bents

1B #M1725; 21' W X 53' L; Steel Beam and Concrete Deck Spans Supported by Timber Pile Bents

2B #M1511; 24' W X 114' L; Precast Concrete Spans Supported by Timber Pile Bents with Concrete Caps

OUT TO OUT COST (\$/SF)= \$981,685.20 /A = \$ 103.57  
 LESS REMOVAL / TEMP. BR. (\$/SF) = \$ 21.63  
 NET COST (\$/SF) = \$ 81.94

\* FHWA COST (\$/SF)= \$551,238.70/A = \$ 58.16  
 EXISTING BR. REMOVAL (\$/SF) = \$ 53.26

\* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS

STPE-ENHN(87)

ANALYSIS OF BIDS  
 JOB NO. 090045 - WHITE RIVER BRIDGE REPAIR (COTTER) (S)  
 LETTING OF 09JAN2002

QUANTITY	UNIT	ITEM	HARDY CONST. CO., INC.	JENSEN CONSTRUCTION CO.	MOBLEY CONTRACTORS, INC.	AVG. OF LOW BIDS
126.10	CUYD	CLASS S CONCRETE-BRIDGE	1,290.00	1,000.00	995.89	1,095.30
2,673.10	CUYD	CLASS S(AE) CONCRETE-BRIDGE	920.00	680.00	978.02	859.34
308.30	LF	CONCRETE REPAIR	160.00	200.00	144.55	168.18
1.00	L.S.	CLEANING EXST. CONCRETE	150,000.00	100,000.00	89,454.00	113,151.33
146.20	GAL	CLASS 1 PROTECT. SURF. TREATMENT	35.00	40.00	40.70	38.57
783.00	SQYD	CLASS 2 PROTECT. SURF. TREATMENT	16.50	10.00	24.81	17.10
629,620.00	LB	REINF. STEEL-BRIDGE (GR 60)	0.53	0.75	0.59	0.62
20,110.00	LB	STRUCTURAL STEEL (M270-GR36)	4.75	3.00	3.05	3.60
275.00	LF	PREFORMED JOINT SEAL	25.00	50.00	41.22	38.74
1.00	L.S.	MOD. EXISTING BR. STR(BR_____)	1,975,000.00	2,200,000.00	3,007,532.16	2,394,177.39
9.50	CUFT	REPAIR OF EXISTING BENTS	500.00	1,000.00	1,264.36	921.45
31.00	LF	CRACK REPAIR	250.00	250.00	180.00	226.67
1.00	L.S.	BR. LIGHTING & ELECT. MOD.	105,000.00	220,000.00	120,896.40	148,632.13
13.00	EACH	REPLACE EXST. LIGHT STANDARD	3,000.00	8,500.00	2,599.38	4,699.79
458.90	LF	HANGER REPLACEMENT	500.00	500.00	151.51	383.84

TOTAL AMOUNT BID FOR JOB \$6,278,211.30 \$6,288,500.40 \$7,264,747.41

TOTAL AMOUNT BID FOR BRIDGE \$5,636,331.60 \$5,442,641.00 \$6,592,808.99

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
00702	1850.5	29.00	53,664.50	NA	NA
		A =	53,664.50		

OUT TO OUT COST (\$/SF) = \$5,636,331.60 /A = \$ 105.03  
 LESS REMOVAL / TEMP. BR. (\$/SF) =

\* FHWA COST (\$/SF) = \$5,636,331.60 /A = \$ 105.03  
 EXISTING BR. REMOVAL (\$/SF) = NA

NET COST (\$/SF) = \$ 105.03

\* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS

FUNC. CLASS - Maj. Coll.

HISTORIC BRIDGE - REPAIR

DESIGN SECTION - CJF

ANALYSIS OF BIDS  
 JOB NO. 100126 - MUD CREEK & RELIEF STRS. & APPRS. (S)  
 LETTING OF 09JAN2002

QUANTITY	UNIT	ITEM	CAMERON CONST. CO., INC.	GARRY MEADOWS CONST. CO., INC.	MOBLEY CONTRACTORS, INC.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 1)	20,000.00	15,000.00	9,643.20	14,881.07
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 2)	20,000.00	4,500.00	4,223.20	9,574.40
57.00	LF	TEMP.BR.STR. (24' RDWY.)	950.00	700.00	1,003.47	884.49
4.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	55.00	20.00	352.00	142.33
169.50	CUYD	CLASS S CONCRETE-BRIDGE	425.00	520.00	759.17	568.06
230.50	CUYD	CLASS S(AE) CONCRETE-BRIDGE	450.00	520.00	587.91	519.30
19.50	GAL	CLASS 1 PROTECT.SURF.TREATMENT	50.00	40.00	51.21	47.07
19,950.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.60	0.69	0.56	0.62
53,830.00	LB	EPOXY COAT.REINF.STEEL-GR 60	0.68	0.80	0.67	0.72
1,020.00	LF	CONC.PILING (16" SQUARE)	44.00	45.00	55.70	48.23
1,020.00	LF	CONC.PILING (18" SQUARE)	48.00	54.00	64.29	55.43
110.00	LF	TEST PILES (16" SQUARE)	65.00	85.00	147.26	99.09
110.00	LF	TEST PILES (18" SQUARE)	110.00	114.00	205.39	143.13
109,910.00	LB	STR.ST.BM.SPANS (M270-GR50W)	1.33	1.26	1.30	1.30
23,201.00	CUIN	ELASTOMERIC BEARINGS	1.00	0.91	0.85	0.92
185.00	LF	PREFORMED JOINT SEAL	35.00	16.00	14.51	21.84
2.00	EACH	BRIDGE NAME PLATE (TYPE D)	1,000.00	775.00	42.40	605.80
2,310.00	SQYD	FILTER BLANKET	2.75	2.00	2.89	2.55
1,155.00	CUYD	DUMPED RIPRAP	37.00	30.00	29.40	32.13
TOTAL AMOUNT BID FOR JOB			\$2,372,658.40	\$2,572,936.52	\$2,575,507.53	
TOTAL AMOUNT BID FOR BRIDGE			\$659,715.70	\$651,339.01	\$752,088.66	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
06890	106.49	43.17	4,596.81	1A	1B
06891	74.16	43.17	3,201.08	2A	2B
A =			7,797.89		

1A 104" Comp. W-Beam Unit (32'-40'-32'); Concrete Precast Pile Bents  
 2A 72' Cont. Comp. W-Beam Unit (24'-24'-24'); Concrete Precast Pile Bents

1B #03484; 24' W X 76' L; Concrete Precast Spans and Concrete Bent Caps with Concrete Piles  
 2B #M1997; 21' W X 61' L; Timber Stringers, Timber Deck with Concrete Overlay and Timber Substructure

OUT TO OUT COST (\$/SF)=	\$659,715.70	/A = \$ 84.60	* FHWA COST (\$/SF)= \$516,478.20/A = \$ 66.23
LESS REMOVAL / TEMP. BR.	(\$/SF)	= \$ 5.13	EXISTING BR. REMOVAL (\$/SF) = \$ 12.88
NET COST (\$/SF)		= \$ 79.47	* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS

STP-BRN-0075 (21)

ANALYSIS OF BIDS  
 JOB NO. R80019 - HAVANA-DANVILLE (RECONST.) (SEL. SECS.) (S)  
 LETTING OF 09JAN2002

QUANTITY	UNIT	ITEM	TOM LINDSEY CONTRACTOR, INC.	HUNCO BUILDERS, INC.	TIGUE CONST. CO., INC.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR.(SITE 1)	5,000.00	15,000.00	12,875.00	10,958.33
114.00	LF	TEMP.BR.STR.(24' RDWY.)	600.00	530.00	473.80	534.60
33.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	50.00	30.00	15.45	31.82
56.50	CUYD	CLASS S CONCRETE-BRIDGE	400.00	440.00	442.90	427.63
350.50	CUYD	CLASS S(AE) CONCRETE-BRIDGE	540.00	475.00	478.94	497.98
15.00	GAL	CLASS 1 PROTECT.SURF.TREATMENT	50.00	40.00	25.75	38.58
76,340.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.45	0.56	0.55	0.52
820.00	LF	STEEL PILING (HP 12X53)	45.00	34.00	33.48	37.49
445.00	LF	PREBORING	30.00	32.00	25.75	29.25
163.00	LF	PILE ENCASEMENT	80.00	62.00	61.80	67.93
1.00	EACH	BRIDGE NAME PLATE (TYPE D)	695.00	1,000.00	772.50	822.50
450.00	SQYD	FILTER BLANKET	3.50	3.50	3.09	3.36
225.00	CUYD	DUMPED RIPRAP	35.00	40.00	36.05	37.02
TOTAL AMOUNT BID FOR JOB			\$3,941,418.68	\$4,035,966.85	\$4,138,028.78	
TOTAL AMOUNT BID FOR BRIDGE			\$395,458.00	\$374,908.90	\$361,923.62	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
06887	175.00	35.17	6,154.17	1A	1B
		A =	6,154.17		

1A 5 Span R.C.D.G. (5 @ 35'); Steel Pile Bents

1B #01311; 20' W X 140' L; 4 - 35' R.C.D.G. Spans and Concrete Abutments and Column Bents

OUT TO OUT COST (\$/SF)=	\$395,458.00 /A =	\$ 64.26	* FHWA COST (\$/SF)=	\$312,608.00 /A =	\$ 50.80
LESS REMOVAL / TEMP. BR.	(\$/SF)	= \$ 0.81	EXISTING BR. REMOVAL (\$/SF)	=	\$ 1.79
NET COST (\$/SF)	=	\$ 63.45	* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS		

FUNC. CLASS - Min. Art.

DESIGN SECTION - GVA