

NH-0921(1) & HPP-0174(2)

ANALYSIS OF BIDS
 JOB NO. 020239 - SOUTH C.L. MCGEHEE-BLACK POND SLOUGH (S)
 LETTING OF 10JAN2001

QUANTITY	UNIT	ITEM	IDEAL CONST. CO.	JOHNSVILLE SAND & GRAVEL CO.	R. THOMPSON, INC.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 1)	60,000.00	45,000.00	48,000.00	51,000.00
100.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	35.00	30.00	40.00	35.00
228.40	CUYD	CLASS S CONCRETE-BRIDGE	375.00	425.00	475.00	425.00
376.20	CUYD	CLASS S(AE) CONCRETE-BRIDGE	360.00	400.00	445.00	401.67
33.80	GAL	CLASS 1 PROTECT.SURF.TREATMENT	55.00	30.00	30.00	38.33
119,280.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.60	0.55	0.55	0.57
1,820.00	LF	CONC.PILING (18" SQUARE)	75.00	43.00	48.00	55.33
160.00	LF	TEST PILES (18" SQUARE)	140.00	100.00	80.00	106.67
305,620.00	LB	STR.ST.BM.SPANS (M270-GR50W)	1.04	1.04	0.87	0.98
24,956.00	CUIN	ELASTOMERIC BEARINGS	1.75	1.50	1.50	1.58
226.00	LF	PREFORMED JOINT SEAL	49.08	38.00	40.70	42.59
2.00	EACH	BRIDGE NAME PLATE (TYPE C)	327.22	200.00	175.00	234.07
TOTAL AMOUNT BID FOR JOB			\$8,930,886.27	\$8,975,751.78	\$9,510,250.29	
TOTAL AMOUNT BID FOR BRIDGE			\$890,173.32	\$820,694.80	\$807,548.60	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
6811 A & B	330.27	41.17	13,596.15	1A	1B
		A =	13,596.15		

1A 3 Span Continuous Composite W-Beam Unit on Concrete Pile Trestle Bents. Bridge B6811 is curved.

1B 46' Wide x 181' Long; 5 Simple W-Beam Spans on Concrete Pile Trestle Bents.

OUT TO OUT COST (\$/SF) =	\$890,173.32 /A = \$ 65.47	* FHWA COST (\$/SF) = \$830,173.32 /A = \$61.06
LESS REMOVAL / TEMP. BR. (\$/SF)	= 4.41	EXISTING BR. REMOVAL (\$/SF) = \$7.21
NET COST (\$/SF)	= \$ 61.06	* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS

FUNC. CLASS. - PRIN. ART.

DESIGN SECTION-MEC

BIM-B30-0(1)0

ANALYSIS OF BIDS
 JOB NO. B60100 - HWY. 5 CROSSOVER (F)
 LETTING OF 10JAN2001

QUANTITY	UNIT	ITEM	SOUTHERN PAVERS, INC.	MOBLEY CONTRACTORS, INC.	JOYNER-FORD & BURKE CONST.CO.	AVG. OF LOW BIDS
471.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	35.00	16.58	50.00	33.86
574.00	CUYD	CLASS S CONCRETE-BRIDGE	360.00	312.98	500.00	390.99
992.30	CUYD	CLASS S(AE) CONCRETE-BRIDGE	445.00	427.60	500.00	457.53
9,050.00	SQFT	RETAINING WALL	30.00	31.25	27.00	29.42
78.50	GAL	CLASS 1 PROTECT.SURF.TREATMENT	28.00	34.73	30.00	30.91
88,080.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.60	0.50	0.45	0.52
209,680.00	LB	EPOXY COAT.REINF.STEEL-GR 60	0.65	0.65	0.60	0.63
3,290.00	LF	STEEL PILING (HP 12X53)	40.00	38.54	30.00	36.18
160.00	LF	TEST PILES (HP 12X53)	120.00	70.58	95.00	95.19
1,000.00	LF	METAL BRIDGE RAILING (TYPE H)	38.00	33.23	40.00	37.08
1,394,570.00	LB	STR.ST.PL.GRD.SPN(M270-GR50)	1.10	1.20	1.10	1.13
692.40	TON	PAINTING STRUCTURAL STEEL	100.00	121.46	130.00	117.15
51,532.00	CUIN	ELASTOMERIC BEARINGS	1.20	0.78	1.00	0.99
1.00	EACH	BRIDGE NAME PLATE (TYPE C)	150.00	150.23	200.00	166.74
170.00	CUYD	CONCRETE RIPRAP	335.00	310.20	290.00	311.73

TOTAL AMOUNT BID FOR JOB	\$6,441,425.91	\$6,449,331.75	\$6,856,483.98
TOTAL AMOUNT BID FOR BRIDGE	\$3,038,541.90	\$3,099,619.48	\$3,097,820.00

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
6826	504.33	65.17	32,865.72	1A	NA

A = 32,865.72

1A 153', 196', 153' Cont. Pl. Girder Unit with sidewalks on 5 Column Bt. With Steel H-Piles, H-Piles End Bents

OUT TO OUT COST (\$/SF)=	\$3,038,541.90 /A = \$ 92.45	* FHWA COST (\$/SF)=	\$2,981,591.90 /A = \$90.72
LESS REMOVAL / TEMP. BR. (\$/SF)	= 0.00	EXISTING BR. REMOVAL (\$/SF)	= NA
NET COST (\$/SF)	= \$ 92.45	* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS	

DESIGN SECTION-JGT

FUNC. CLASS. - PRIN. ART. (INTERSTATE)

BIM-B40-0(1)0

ANALYSIS OF BIDS
 JOB NO. B60105 - HWY. 67-LONOKE CO. LINE (F)
 LETTING OF 10JAN2001

QUANTITY	UNIT	ITEM	ANGELO IAFRATE CONST., LLC	FRESHOUR CONST. CO., INC.	GILBERT CENTRAL CORP.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR.(SITE 1)	50,000.00	150,000.00	65,000.00	88,333.33
1.00	L.S.	REMV.EXIST.BR.STR.(SITE 2)	50,000.00	150,000.00	65,000.00	88,333.33
750.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	60.00	30.00	60.00	50.00
654.40	CUYD	CLASS S CONCRETE-BRIDGE	300.00	510.00	645.00	485.00
792.40	CUYD	CLASS S(AE) CONCRETE-BRIDGE	410.00	440.00	560.00	470.00
72.60	GAL	CLASS 1 PROTECT.SURF.TREATMENT	125.00	30.00	60.00	71.67
78,780.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.38	0.55	1.10	0.68
201,980.00	LB	EPOXY COAT.REINF.STEEL-GR 60	0.48	0.60	1.35	0.81
7,770.00	LF	CONC.PILING(16 OCT/14 SQ)	30.00	29.00	35.00	31.33
220.00	LF	TEST PILES (16" OCT/14" SQ.)	39.00	93.00	40.00	57.33
682,800.00	LB	STR.ST.BM.SPANS(M270-GR50W)	1.00	0.93	1.40	1.11
26,280.00	LB	STRUCT. STEEL FOR MOD. OF EXIST	6.50	5.00	6.00	5.83
32,056.00	CUIN	ELASTOMERIC BEARINGS	1.10	1.50	1.50	1.37
330.00	LF	ARM. JT W/NEOPRENE STRIP SEAL	42.00	81.00	120.00	81.00
2.00	EACH	BRIDGE NAME PLATE (TYPE C)	1,100.00	150.00	300.00	516.67
166.00	CUYD	CONCRETE RIPRAP	240.00	335.00	450.00	341.67
1.00	L.S.	MOD. OF EXIST. BR. STRUCT. - BR	9,000.00	14,000.00	20,000.00	14,333.33
1.00	L.S.	MOD. OF EXIST. BR. STRUCT. - BR	9,000.00	14,000.00	20,000.00	14,333.33
1.00	L.S.	MOD. OF EXIST. BR. STRUCT. - BR	9,000.00	15,000.00	20,000.00	14,666.67
1.00	L.S.	MOD. OF EXIST. BR. STRUCT. - BR	9,000.00	15,000.00	20,000.00	14,666.67
1.00	L.S.	RAISING EXIST. STRUCT. - BR. NO	50,000.00	100,000.00	63,000.00	71,000.00
1.00	L.S.	RAISING EXIST. STRUCT. - BR. NO	50,000.00	100,000.00	63,000.00	71,000.00
1.00	L.S.	RAISING EXIST. STRUCT. - BR. NO	50,000.00	100,000.00	63,000.00	71,000.00
1.00	L.S.	RAISING EXIST. STRUCT.- BR. NO.	50,000.00	100,000.00	63,000.00	71,000.00
TOTAL AMOUNT BID FOR JOB			\$27,264,733.77	\$30,094,838.91	\$32,306,009.49	
NEW BRIDGES			\$1,817,807.40	\$2,183,113.00	\$2,804,173.00	
RAISE 4 BRIDGES			\$406,820.00	\$589,400.00	\$489,680.00	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
A6821	255.08	59.00	15,049.92	1A	1B
B6821	255.08	59.00	15,049.92	2A	2B
A =			30,099.84		

03195	3A	3B
03269	4A	4B
03197	5A	5B
03198	6A	6B

BIM-B40-0(1)0

ANALYSIS OF BIDS
JOB NO. B60105 - HWY. 67-LONOKE CO. LINE (F)
LETTING OF 10JAN2001

1A 252' Cont. W-Beam (51'-75'-75'-51'); 4 Column with Concrete Pile Footings; Stage Construction
2A 252' Cont. W-Beam (51'-75'-75'-51'); 4 Column with Concrete Pile Footings; Stage Construction
3A Raise 8"
4A Raise 9"
5A Raise 12"
6A Raise 12"

1B Br. #A3194; 33.5'Wide x 243.1'Long; 4 @ 60' W-Beam Spans; 2 Column with Concrete Pile Footings
2B Br. #B3194; 33.5'Wide x 243.1' Long; 4 @ 60' W-Beam Spans; 2 Column with Concrete Pile Footings
3B 26' Roadway x 216.24' W-Beam Spans
4B 20' Roadway x 210.24 W-Beam Spans
5B 26' Roadway x 222.21' W-Beam Spans
6B 26' Roadway x 258.68' W-Beam Spans

OUT TO OUT COST (\$/SF) = \$1,817,807.40 /A = \$ 60.39
LESS REMOVAL / TEMP. BR. (\$/SF) = 3.32
NET COST (\$/SF) = \$ 57.07

* FHWA COST (\$/SF) = 1,677,967.40 /A = \$55.75
EXISTING BR. REMOVAL (\$/SF) = \$ 6.14
Raise 4 Bridges = \$406,820/22,330.18 = \$18.22
* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS

FUNC. CLASS. - PRIN. ART. (INTERSTATE)

DESIGN SECTION-CPB

BRO-0002 (20)

ANALYSIS OF BIDS
 JOB NO. BR0204 - BEARHOUSE CREEK STR. & APPRS. (S)
 LETTING OF 10JAN2001

QUANTITY	UNIT	ITEM	JOHNSVILLE SAND & GR AVEL CO.	SHILOH CONTRACTORS, INC.	SOUTER CONSTRUCTION CO., INC.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 1)	5,000.00	5,000.00	14,620.00	8,206.67
73.40	CUYD	CLASS S CONCRETE-BRIDGE	425.00	525.00	581.92	510.64
109.40	CUYD	CLASS S(AE) CONCRETE-BRIDGE	400.00	575.00	581.92	518.97
9.80	GAL	CLASS 1 PROTECT.SURF.TREATMENT	30.00	30.00	41.63	33.88
34,000.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.55	0.55	0.82	0.64
550.00	LF	STEEL SHELL PILING (16")	45.00	50.00	66.53	53.84
550.00	LF	STEEL SHELL PILING (20")	60.00	70.00	81.25	70.42
137.00	LF	PILE ENCASEMENT	65.00	60.00	64.85	63.28
59,360.00	LB	STR.ST.BM.SPANS (M270-GR50W)	1.15	1.18	1.32	1.22
8,787.00	CUIN	ELASTOMERIC BEARINGS	1.50	1.75	1.43	1.56
74.00	LF	PREFORMED JOINT SEAL	35.00	28.00	32.37	31.79
1.00	EACH	BRIDGE NAME PLATE (TYPE C)	200.00	150.00	259.88	203.29
584.00	SQYD	FILTER BLANKET	2.75	3.00	4.95	3.57
323.00	CUYD	DUMPED RIPRAP	60.00	45.00	37.47	47.49
TOTAL AMOUNT BID FOR JOB			\$555,489.54	\$593,974.34	\$642,779.25	
TOTAL AMOUNT BID FOR BRIDGE			\$270,824.50	\$303,585.05	\$348,015.88	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
04841	135.10	27.17	3,670.05	1A	1B
		A =	3,670.05		

1A 132' Long (41'-50'-41') Cont. Comp. W-Beam Unit; Concrete-filled Steel Shell Piles for Intermediate and End Bents

1B 24' Wide x 124' Long; Timber Deck with Timber Stringers Supported by Timber Substructure

OUT TO OUT COST (\$/SF)=	\$270,824.50 /A =	\$ 73.79	* FHWA COST (\$/SF)=	\$244,838.50 /A =	\$66.71
LESS REMOVAL / TEMP. BR. (\$/SF)	=	1.36	EXISTING BR. REMOVAL (\$/SF)	=	\$1.36
NET COST (\$/SF)	=	\$ 72.43	* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS		

DESIGN SECTION-CJF

FUNC. CLASS. - MINOR COLLECTOR

STPR-0054 (7)

ANALYSIS OF BIDS
 JOB NO. FA5414 - LICK CREEK STRS. & APPRS. (S)
 LETTING OF 10JAN2001

QUANTITY	UNIT	ITEM	DEON CONSTRUCTION CO., INC.	SOUTER CONSTRUCTION CO., INC.	LENTZ CONST. CO., INC.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 1)	12,000.00	14,620.00	10,668.00	12,429.33
18.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	45.00	19.64	30.00	31.55
56.40	CUYD	CLASS S CONCRETE-BRIDGE	525.00	555.27	1,072.69	717.65
8.00	EACH	19' PRECAST CONC. CURB UNITS	1,756.17	1,944.68	2,069.25	1,923.37
2.00	EACH	31' PRECAST CONC. CURB UNITS	2,359.77	2,070.75	2,765.00	2,398.51
24.00	EACH	19' PRECAST CONC.INTER.UNITS	1,488.02	2,309.02	1,730.20	1,842.41
6.00	EACH	31' PRECAST CONC.INTER.UNITS	2,353.29	2,623.20	2,757.33	2,577.94
8.00	EACH	19' PRECAST PARAPET RAIL UNITS	2,160.56	2,568.10	2,577.62	2,435.43
2.00	EACH	31' PRECAST PARAPET RAIL UNITS	3,238.27	3,376.40	3,745.00	3,453.22
8.30	GAL	CLASS 1 PROTECT.SURF.TREATMENT	29.00	17.45	20.00	22.15
5,450.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.65	0.80	0.60	0.68
480.00	LF	STEEL SHELL PILING (14")	54.34	55.28	49.16	52.93
960.00	LF	STEEL SHELL PILING (18")	66.00	63.27	56.70	61.99
200.00	LF	PILE ENCASEMENT	81.00	52.91	88.00	73.97
1.00	EACH	BRIDGE NAME PLATE (TYPE C)	175.00	346.50	150.00	223.83

TOTAL AMOUNT BID FOR JOB	\$425,589.64	\$460,571.79	\$471,776.04
TOTAL AMOUNT BID FOR BRIDGE	\$244,383.54	\$267,149.90	\$279,186.26

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
04833	107.00	30.50	3,263.50	1A	1B

A = 3,263.50

1A 19', 19', 31', 19', 19' Precast Spans supported by Steel Pipe Pile Bents

1B 17' x 105' Steel Girder Deck and Steel Beams on Timber Bents

OUT TO OUT COST (\$/SF)=	\$244,383.54	/A = \$74.88	* FHWA COST (\$/SF)=	\$232,383.54	/A = \$71.21
LESS REMOVAL / TEMP. BR.	(\$/SF)	= 3.68	EXISTING BR. REMOVAL (\$/SF)	= 6.72	
NET COST (\$/SF)		= \$71.20	* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS		

DESIGN SECTION-JGT

FUNC. CLASS. - MAJ. COLLECTOR