

HPP-0948 (1)

ANALYSIS OF BIDS  
 JOB NO. 020042 - OVERFLOW CREEK & BAYOU BARTHOLOMEW STRS. & APPRS. (S)  
 LETTING OF 22AUG2001

QUANTITY	UNIT	ITEM	ROBERTSON CONTRACTORS, INC.	DEON CONSTRUCTION CO., INC.	HARDY CONST. CO., INC.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 1)	25,000.00	22,000.00	20,000.00	22,333.33
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 2)	100,000.00	210,000.00	110,000.00	140,000.00
100.00	LF	TEMP.BR.STR. (24' RDWY.)	800.00	748.00	1,000.00	849.33
1,108.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	100.00	85.00	225.00	136.67
778.30	CUYD	CLASS S CONCRETE-BRIDGE	634.00	425.00	520.00	526.33
1,063.10	CUYD	CLASS S(AE) CONCRETE-BRIDGE	450.00	475.00	520.00	481.67
183.30	CUYD	SEAL CONCRETE-BRIDGE	250.00	300.00	205.00	251.67
82.30	GAL	CLASS 1 PROTECT.SURF.TREATMENT	50.00	29.00	35.00	38.00
95,910.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.60	0.55	0.50	0.55
247,250.00	LB	EPOXY COAT.REINF.STEEL-GR 60	0.65	0.60	0.75	0.67
6,525.00	LF	CONC.PILING (18" SQUARE)	34.00	50.00	55.00	46.33
555.00	LF	TEST PILES (18" SQUARE)	100.00	125.00	110.00	111.67
543,500.00	LB	STR.ST.BM.SPANS (M270-GR50W)	1.08	1.08	1.15	1.10
49,628.00	CUIN	ELASTOMERIC BEARINGS	2.00	1.50	1.30	1.60
2.00	EACH	BRIDGE NAME PLATE (TYPE C)	250.00	175.00	200.00	208.33

TOTAL AMOUNT BID FOR JOB            \$4,135,191.85            \$4,250,498.95            \$4,693,966.80

TOTAL AMOUNT BID FOR BRIDGE        \$2,519,921.70            \$2,552,604.20            \$2,820,543.90

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
06870	120.00	43.17	5,180.00	1A	1B
06871	662.40	43.17	28,593.42	2A	2B
			A =	33,773.42	

- 1A 4 - 30' RCDG Spans on Concrete Pile Trestle Bents
- 2A 2 Cont. Comp. W-Beam Units (366':45.5', 5 @ 55', 45.5'; 294'; 51', 3 @ 64', 51'), Conc. Pile Bents & Conc. Foundation Pile Bents
- 1B Br. #02101 - 24' x 104'; Concrete Deck on Steel Beams, Concrete Pile Trestle Bents
- 2B Br. #01935 - 24' x 666'; Conc. Channel Beam Approach Spans, Steel thru-Truss Main Span, Conc. Pile Bents & Conc. Fndtn. Pile Bents w/Webwalls.

OUT TO OUT COST (\$/SF) = \$2,519,921.70 /A = \$ 74.61            \* FHWA COST (\$/SF) = \$2,314,922/A = \$ 68.54

LESS REMOVAL / TEMP. BR. (\$/SF) = \$ 6.07                        EXISTING BR. REMOVAL (\$/SF) = \$ 6.76

NET COST (\$/SF) = \$ 68.54                                        \* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS

FUNC. CLASS - PRIN. ART.

DESIGN SECTION - MEC

BRN-051-2(21)

ANALYSIS OF BIDS  
 JOB NO. 020140 - HUMPHREY-EAST STRS. & APPRS. (S)  
 LETTING OF 22AUG2001

QUANTITY	UNIT	ITEM	SOUTHERN PAVERS, INC	THOMCO, INC.	ROBERTSON CONTRACTORS, INC.	AVG. OF OW BIDS
1.00	L.S.	REMV.EXIST.BR.STR.(SITE 1)	65,000.00	70,000.00	65,000.00	66,666.67
1.00	L.S.	REMV.EXIST.BR.STR.(SITE 2)	65,000.00	65,000.00	25,000.00	51,666.67
1.00	L.S.	REMV.EXIST.BR.STR.(SITE 3)	20,000.00	14,000.00	65,000.00	33,000.00
600.00	LF	TEMP.BR.STR.(24' RDWY.)	450.00	800.00	1,015.00	755.00
67.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	18.00	40.00	30.00	29.33
405.00	CUYD	CLASS S CONCRETE-BRIDGE	475.00	380.00	450.00	435.00
1,147.40	CUYD	CLASS S(AE) CONCRETE-BRIDGE	370.00	395.00	450.00	405.00
101.20	GAL	CLASS 1 PROTECT.SURF.TREATMENT	30.00	40.00	35.00	35.00
37,400.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.47	0.52	0.65	0.55
293,300.00	LB	EPOXY COAT.REINF.STEEL-GR 60	0.55	0.64	0.65	0.61
1,680.00	LF	STEEL SHELL PILING (16")	39.00	48.00	55.00	47.33
6,480.00	LF	STEEL SHELL PILING (20")	52.00	54.00	40.00	48.67
1,326.00	LF	PILE ENCASEMENT	50.00	50.00	80.00	60.00
707,280.00	LB	STR.ST.BM.SPANS (M270-GR50W)	1.05	0.97	0.95	0.99
73,428.00	CUIN	ELASTOMERIC BEARINGS	1.13	1.10	1.50	1.24
174.00	LF	PREFORMED JOINT SEAL	35.00	40.00	50.00	41.67
84.00	LF	ARM. JT W/NEOPRENE STRIP SEAL	95.00	100.00	100.00	98.33
2.00	EACH	BRIDGE NAME PLATE (TYPE C)	75.00	100.00	250.00	141.67
1,444.00	SOYD	FILTER BLANKET	2.80	2.00	3.00	2.60
784.00	CUYD	DUMPED RIPRAP	39.00	41.00	40.00	40.00
TOTAL AMOUNT BID FOR JOB			\$4,627,272.61	\$4,848,167.39	\$5,162,746.32	
TOTAL AMOUNT BID FOR BRIDGE			\$2,563,284.84	\$2,764,295.40	\$2,976,117.00	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
06864	478.18	43.17	20,641.78	1A	1B
06865	478.18	43.17	20,641.78	2A	2B
			-----		2C
	A =		41,283.56		

1A 2 - 238' (41'-3 @ 52'- 41') Continuous Comp. W-Beam Units; Concrete Filled Steel Shell Bents  
 2A 2 - 238' (41'-3 @ 52'- 41') Continuous Comp. W-Beam Units; Concrete Filled Steel Shell Bents

1B Br. #01820; 24' x 480'; 40' Simple W-Beam Spans; Concrete Pile Bents  
 2B Br. #01822; 24' x 441'; 40' Simple W-Beam Spans; Concrete Pile Bents  
 2C Br. #01821; 24' x 80'; 40' Simple W-Beam Spans; Concrete Pile Bents

OUT TO OUT COST (\$/SF)=	\$2,563,284.84 /A = \$ 62.09	* FHWA COST (\$/SF)=	\$2,108,665.64 /A = \$ 51.08
LESS REMOVAL / TEMP. BR. (\$/SF)	= \$ 10.17	EXISTING BR. REMOVAL (\$/SF)	= \$ 6.24
NET COST (\$/SF)	= \$ 51.92	* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS	

FUNC. CLASS - PRIN. ART.

DESIGN SECTION - CJF

HDP-0046 (24)

ANALYSIS OF BIDS  
 JOB NO. R30110 - SULPHUR RIVER-DODDRIDGE (GR. & STRS.) (F)  
 LETTING OF 22AUG2001

QUANTITY	UNIT	ITEM	ANGELO IAFRATE CONST., LLC	GILBERT CENTRAL CORP.	COMMERCIAL CONTRS. EQUIP., INC.	AVG. OF LOW BIDS
1,273.00	CU M	UNCLASS.EXCAV.FOR STRS-BR	50.00	120.00	9.00	59.67
917.42	CU M	CLASS S CONCRETE-BRIDGE	415.00	400.00	525.00	446.67
1,212.84	CU M	CLASS S(AE) CONCRETE-BRIDGE	485.00	395.00	540.00	473.33
954.00	L	CLASS 1 PROTECT.SURF.TREATMENT	6.50	3.00	5.50	5.00
83,069.00	KG	REINF.STEEL-BRIDGE (GR.420)	0.80	1.00	1.15	0.98
165,179.00	KG	EPOXY COAT.REINF.STEEL-GR420	1.00	1.50	1.74	1.41
432.00	M	STEEL PILING (HP 310X79)	200.00	115.00	185.00	166.67
2,425.00	M	CONC.PILING (355MM SQUARE)	80.00	90.00	185.00	118.33
101.00	M	TEST PILES (355MM SQUARE)	200.00	135.00	400.00	245.00
105.00	M	PREBORING	100.00	30.00	25.00	51.67
569,785.00	KG	STR.ST.BM.SPANS (M270-GR345W)	2.20	2.35	3.03	2.53
1,304,438.00	CUCM	ELASTOMERIC BEARINGS	0.08	0.10	0.11	0.10
113.60	M	CLOSED CELL JOINT FILLER	160.00	110.00	115.00	128.33
5.00	EACH	BRIDGE NAME PLATE (TYPE C)	1,100.00	250.00	400.00	583.33
4,748.00	SQ M	FILTER BLANKET	2.60	2.00	3.77	2.79
2,258.00	CU M	DUMPED RIPRAP	36.00	55.00	45.00	45.33
324.00	CU M	CONCRETE RIPRAP	250.00	470.00	300.00	340.00
TOTAL AMOUNT BID FOR JOB			\$15,853,322.71	\$20,896,848.67	\$23,575,249.98	
TOTAL AMOUNT BID FOR BRIDGE			\$3,137,732.74	\$3,471,364.85	\$4,305,504.60	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
06718	119.36	8.45	1,008.56	1A	NA
06719	92.68	8.45	783.11	2A	NA
06721	100.68	11.15	1,122.54	3A	NA
A6720	70.78	12.95	916.60	4A	NA
B6720	70.78	12.95	916.60	5A	NA
A =			4,747.41		

- 1A 118.5m Cont. Comp. W-Beam Unit; Concrete Pile End Bents; Concrete Foundation Pile Int. Bents
- 2A 92m Cont. Comp. W-Beam Unit; Concrete Pile End Bents; Concrete Foundation Pile Int. Bents
- 3A 100m Cont. Comp. W-Beam Unit; Concrete Pile End Bents; Steel Foundation Pile Int. Bents
- 4A 70m Cont. Comp. W-Beam Unit; Concrete Pile End Bents; Concrete Foundation Pile Int. Bents
- 5A 70m Cont. Comp. W-Beam Unit; Concrete Pile End Bents; Concrete Foundation Pile Int. Bents

HDP-0046 (24)

ANALYSIS OF BIDS

JOB NO. R30110 - SULPHUR RIVER-DODDRIDGE (GR. & STRS.) (F)  
LETTING OF 22AUG2001

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OUT TO OUT COST (\$/SM) = \$3,137,732.74 /A = \$ 660.94  
LESS REMOVAL / TEMP. BR. (\$/SM) = NA  
NET COST (\$/SM) = \$ 660.94

\* FHWA COST (\$/SM) = \$2,975,444.74 /A = \$626.75  
EXISTING BR. REMOVAL (\$/SM) = NA

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

METRIC JOB

FUNC. CLASS - PRINC. ART.

DESIGN SECTION - GVA

HDP-0046 (25)

ANALYSIS OF BIDS  
 JOB NO. R30111 - FOUKE-SOUTH (GR. & STRS.) (F)  
 LETTING OF 22AUG2001

QUANTITY	UNIT	ITEM	CLEVE BATTE CONST., INC.	ANGELO IAFRATE CONST., LLC	MCGEORGE CONTRACTING CO., INC.	AVG. OF LOW BIDS
366.00	CU M	UNCLASS EXCAV FOR STRS-BR	71.40	40.00	70.00	60.47
775.92	CU M	CLASS S CONCRETE-BRIDGE	545.70	600.00	535.00	560.23
1,044.90	CU M	CLASS S(AE) CONCRETE-BRIDGE	489.60	525.00	480.00	498.20
456.60	L	CLASS 1 PROTECT SURF TREATMENT	8.16	32.00	8.00	16.05
56,996.00	KG	REINF STEEL-BRIDGE (GR.420)	1.04	0.85	1.02	0.97
129,812.00	KG	EPOXY COAT REINF STEEL-GR420	1.35	1.00	1.32	1.22
920.00	M	CONC PILING (455MM SQUARE)	112.20	132.00	110.00	118.07
2,050.00	M	CONC PILE (405 OCT/355 SQ)	72.42	100.00	71.00	81.14
434.50	M	CONC PILE (455 OCT/405 SQ)	91.80	130.00	90.00	103.93
43.00	M	TEST PILES (455MM SQUARE)	142.80	175.00	140.00	152.60
186.00	M	TEST PILES (405 OCT/355 SQ.)	112.20	185.00	110.00	135.73
42.50	M	TEST PILES (455 OCT/405 SQ.)	124.44	375.00	122.00	207.15
408,464.00	KG	STR ST BM SPANS (M270-GR345W)	2.65	2.70	2.59	2.65
765,726.00	CUCM	ELASTOMERIC BEARINGS	0.13	0.20	0.12	0.15
217.00	M	PREFORMED JOINT SEAL	147.90	150.00	145.00	147.63
8.00	EACH	BRIDGE NAME PLATE (TYPE C)	122.40	150.00	120.00	130.80
1,172.50	SQ M	FILTER BLANKET	2.50	2.00	2.70	2.40
555.00	CU M	DUMPED RIPRAP	54.00	35.00	31.50	40.17
669.20	CU M	CONCRETE RIPRAP	438.60	250.00	430.00	372.87
TOTAL AMOUNT BID FOR JOB			\$18,047,099.23	\$19,781,949.06	\$21,754,518.67	
TOTAL AMOUNT BID FOR BRIDGE			\$3,064,713.13	\$3,141,249.80	\$2,983,587.89	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
A6734	41.66	12.95	539.50	1A	NA
A6735	37.66	12.95	487.70	2A	NA
A6736	39.66	12.95	513.60	3A	NA
A6737	55.96	13.35	747.07	4A	NA
B6734	41.66	12.95	539.50	5A	NA
B6735	37.66	12.95	487.70	6A	NA
B6736	39.66	12.95	513.60	7A	NA
B6737	55.96	13.35	747.07	8A	NA
A =			4,575.82		

HDP-0046 (25)

ANALYSIS OF BIDS  
JOB NO. R30111 - FOUKE-SOUTH (GR. & STRS.) (F)  
LETTING OF 22AUG2001

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1A	Cont. Comp. W-Beam Unit	(13.0 - 15.0 -13.0)	on Foundation Pile Column Bents, Concrete Piles
2A	Cont. Comp. W-Beam Unit	(13.0 - 15.0 -13.0)	on Foundation Pile Column Bents, Concrete Piles
3A	Cont. Comp. W-Beam Unit	(11.0 - 15.0 -13.0)	on Foundation Pile Column Bents, Concrete Piles
4A	Cont. Comp. W-Beam Unit	(11.0 - 15.0 -13.0)	on Foundation Pile Column Bents, Concrete Piles
5A	Cont. Comp. W-Beam Unit	(11.5 - 16.0 -11.5)	on Foundation Pile Column Bents, Concrete Piles
6A	Cont. Comp. W-Beam Unit	(11.5 - 16.0 -11.5)	on Foundation Pile Column Bents, Concrete Piles
7A	Cont. Comp. W-Beam Unit	(17.602 - 20.0 - 17.602)	on A-Frame Concrete Piles Bents
8A	Cont. Comp. W-Beam Unit	(17.602 - 20.0 - 17.602)	on A-Frame Concrete Piles Bents

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OUT TO OUT COST (\$/SM)=	\$3,064,713.13 /A =	\$ 669.76
LESS REMOVAL / TEMP. BR. (\$/SM)	=	NA
NET COST (\$/SM)	=	\$ 669.76

* FHWA COST (\$/SM)=	\$2,738,300.76/A =	\$ 598.43
EXISTING BR. REMOVAL (\$/SM)	=	NA

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

METRIC JOB

FUNC. CLASS - PRIN. ART.

DESIGN SECTION - MEC

HDP-0046 (30)

ANALYSIS OF BIDS  
 JOB NO. R30118 - SULPHUR RIVER STR. & APPRS. (F)  
 LETTING OF 22AUG2001

QUANTITY	UNIT	ITEM	JENSEN CONSTRUCTION CO.	BOWIE BRIDGE, LLC	JONES BROTHERS, INC.	AVG. OF LOW BIDS
748.00	CU M	UNCLASS EXCAV FOR STRS-BR	10.00	8.00	30.00	16.00
705.44	CU M	CLASS S CONCRETE-BRIDGE	385.00	616.76	1,200.00	733.92
1,235.22	CU M	CLASS S(AE) CONCRETE-BRIDGE	385.00	522.00	800.00	569.00
965.60	L	CLASS 1 PROTECT. SURF. TREATMENT	15.00	5.25	8.00	9.42
53,062.00	KG	REINF. STEEL-BRIDGE (GR.420)	1.10	0.99	1.18	1.09
177,942.00	KG	EPOXY COAT. REINF. STEEL-GR420	1.25	1.73	1.50	1.49
22.00	M	CORING DRILLED SHAFT	1,000.00	533.50	485.00	672.83
358.00	M	SLURRY DISP. DRILL. SHAFT-1050MM	950.00	783.00	810.00	847.67
570.00	M	SLURRY DISP. DRILLED SHAFT (150	1,075.00	1,444.00	1,545.00	1,354.67
144.00	M	SLURRY DISP. DRILLED SHAFT (180	1,500.00	2,013.00	2,175.00	1,896.00
72.00	M	PERM. STEEL CASE. (1500mm DIA..	500.00	352.00	355.00	402.33
72.00	M	PERM STEEL CASE. (1800mm DIA PL	700.00	420.20	425.00	515.07
48.00	M	PERM. STEEL CASE (1050mm DIA CO	250.00	225.50	227.00	234.17
54.00	M	PERM STEEL CASE. (1500mm DIA CO	300.00	291.50	295.00	295.50
16.00	EACH	CROSSHOLE SONIC LOGGING(1050mm)	3,300.00	3,826.00	2,000.00	3,042.00
24.00	EACH	CROSSHOLE SONIC LOGGING (1500mm	3,600.00	3,826.00	2,500.00	3,308.67
6.00	EACH	CROSSHOLE SONIC LOGGING (1800mm	4,100.00	3,826.00	2,800.00	3,575.33
55,296.00	KG	STR. ST. BM. SPANS (M270-GR345W)	2.25	2.67	3.20	2.71
570,800.00	KG	STR. ST. PL. GRD. SPN (M270-GR345W)	2.25	2.67	3.15	2.69
1,196,640.00	CUCM	ELASTOMERIC BEARINGS	0.06	0.09	0.08	0.08
26.00	M	PREFORMED JOINT SEAL	200.00	600.00	165.00	321.67
52.00	M	ARM. JT W/NEOPRENE STRIP SEAL	350.00	800.00	400.00	516.67
2.00	EACH	BRIDGE NAME PLATE (TYPE C)	200.00	250.00	250.00	233.33
TOTAL AMOUNT BID FOR JOB			\$4,341,478.20	\$5,337,612.77	\$6,344,769.36	
TOTAL AMOUNT BID FOR BRIDGE			\$4,023,478.20	\$4,951,532.77	\$5,976,969.36	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
A6722	190.65	12.95	2,468.85	1A	1B
B6722	190.65	12.95	2,468.85	2A	NA

A = 4,937.70

1A 20m Comp. W-Beam Span; 170m Cont. Comp. PL Girder Unit; Drilled Shaft Bents  
 2A 20m Comp. W-Beam Span; 170m Cont. Comp. PL Girder Unit; Drilled Shaft Bents

1B Br. #05822; 44' x 561.75'; Cont. Comp. Prestressed Girder Spans; Concrete Pile End Bents; Concrete Foundation Pile Int. Bents; Drilled Shaft Int. Bents

HDP-0046(30)

ANALYSIS OF BIDS  
JOB NO. R30118 - SULPHUR RIVER STR. & APPRS. (F)  
LETTING OF 22AUG2001

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OUT TO OUT COST (\$/SM) = \$4,023,478.20 /A = \$ 814.85  
LESS REMOVAL / TEMP. BR. (\$/SM) = NA  
NET COST (\$/SM) = \$ 814.85

\* FHWA COST (\$/SM) = \$4,023,478.20 /A = \$ 814.85  
EXISTING BR. REMOVAL (\$/SM) = NA  
\* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS

METRIC JOB

FUNC. CLASS - PRIN. ART.

DESIGN SECTION - GVA

HDP-9102 (15), HDP-NH-9414 (5)

ANALYSIS OF BIDS  
 JOB NO. 030195 - HWY. 245-SOUTH (BS. & SURF.) (F)  
 LETTING OF 22AUG2001

QUANTITY	UNIT	ITEM	ANGELO IAFRATE CONST., LLC	GILBERT CENTRAL CORP.	DUIT CONST. CO., INC.	AVG. OF LOW BIDS
2,592.00	CU M	UNCLASS EXCAV FOR STRS-BR	30.00	35.00	46.00	37.00
2,453.70	CU M	CLASS S CONCRETE-BRIDGE	300.00	265.00	385.00	316.67
2,038.80	CU M	CLASS S(AE) CONCRETE-BRIDGE	500.00	400.00	430.00	443.33
842.00	L	CLASS 1 PROTECT. SURF. TREATMENT	7.00	5.00	25.50	12.50
201,855.00	KG	REINF. STEEL-BRIDGE (GR.420)	1.00	1.50	1.12	1.21
265,830.00	KG	EPOXY COAT. REINF. STEEL-GR420	1.20	1.50	1.32	1.34
110.00	M	CONC. PILING (355MM SQUARE)	165.00	110.00	92.00	122.33
156.40	M	CONC. PILING (405MM SQUARE)	170.00	150.00	102.00	140.67
3,189.80	M	CONC. PILING (455MM SQUARE)	117.00	180.00	117.00	138.00
27.40	M	TEST PILES (355MM SQUARE)	400.00	150.00	153.00	234.33
9.10	M	TEST PILES (405MM SQUARE)	775.00	190.00	204.00	389.67
92.90	M	TEST PILES (455MM SQUARE)	425.00	220.00	255.00	300.00
73,615.00	KG	STR. ST. BM. SPANS (M270-GR345W)	3.50	2.20	2.53	2.74
1,256,945.00	KG	STR. ST. PL. GRD. SPN (M270-GR345W)	2.30	1.70	2.53	2.18
1,869,300.00	CUCM	ELASTOMERIC BEARINGS	0.10	0.10	0.15	0.12
26.00	M	ARM. JT W/NEOPRENE STRIP SEAL	160.00	280.00	102.00	180.67
27.40	M	CLOSED CELL JOINT FILLER	160.00	100.00	153.00	137.67
2.00	EACH	BRIDGE NAME PLATE (TYPE C)	1,250.00	150.00	204.00	534.67
205.00	CU M	CONCRETE RIPRAP	250.00	390.00	314.00	318.00
TOTAL AMOUNT BID FOR JOB			\$27,083,902.67	\$27,587,377.99	\$27,998,396.32	
TOTAL AMOUNT BID FOR BRIDGE			\$6,233,304.60	\$5,474,168.50	\$6,686,386.20	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
06860	611.65	12.95	7,920.89	1A	NA
06861	54.69	12.95	708.26	2A	NA

A = 8,629.15

1A 105m, 144m, 152m, 105m, 105m; Cont. Pl. Girder Units on 2°54' Curve on Hammerhead Bents with Concrete Pile Footings; End Bents with Concrete Piling

2A 54m Cont. W-Beam Unit on 2-Column Int. Bents with Concrete Pile Footing; End Bents with Concrete Piling

OUT TO OUT COST (\$/SM) =	\$6,233,304.60 / A =	\$ 722.35 (\$67.11/SF)	* FHWA COST (\$/SM) =	\$6,182,054.60 / A =	\$ 716.41 (\$66.56/SF)
LESS REMOVAL / TEMP. BR. (\$/SM)	=	NA	EXISTING BR. REMOVAL (\$/SM)	=	NA
NET COST (\$/SM)	=	\$ 722.35 (\$67.11/SF)	* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS		

METRIC JOB

FUNC. CLASS - PRIN. ART.

DESIGN SECTION - JGT

HDP-0046 (35)

ANALYSIS OF BIDS  
 JOB NO. 030234 - FOUKE-NORTH (BS. & SURF.) (F)  
 LETTING OF 22AUG2001

QUANTITY	UNIT	ITEM	ANGELO IAFRATE CONST., LLC	GILBERT CENTRAL CORP.	DUIT CONST. CO., INC.	AVG. OF LOW BIDS
385.00	CU M	UNCLASS EXCAV FOR STRS-BR	40.00	140.00	7.28	62.43
345.90	CU M	CLASS S CONCRETE-BRIDGE	450.00	425.00	538.17	471.06
470.00	CU M	CLASS S(AE) CONCRETE-BRIDGE	550.00	400.00	560.32	503.44
196.00	L	CLASS 1 PROTECT. SURF. TREATMENT	7.00	4.00	5.10	5.37
25,490.00	KG	REINF. STEEL-BRIDGE (GR.420)	0.80	1.00	0.86	0.89
63,750.00	KG	EPOXY COAT. REINF. STEEL-GR420	1.00	1.20	1.10	1.10
275.90	M	CONC. PILING (355MM SQUARE)	113.00	100.00	204.41	139.14
533.20	M	CONC. PILING (405MM SQUARE)	118.00	110.00	209.72	145.91
45.70	M	TEST PILES (355MM SQUARE)	200.00	140.00	316.22	218.74
21.20	M	TEST PILES (405MM SQUARE)	380.00	150.00	491.31	340.44
210,050.00	KG	STR. ST. PL. GRD. SPN(M270-GR345W)	2.90	2.00	3.61	2.84
434,200.00	CUCM	ELASTOMERIC BEARINGS	0.06	0.10	0.09	0.08
57.60	M	CLOSED CELL JOINT FILLER	130.00	110.00	108.14	116.05
2.00	EACH	BRIDGE NAME PLATE (TYPE C)	1,250.00	150.00	257.50	552.50
296.00	CU M	CONCRETE RIPRAP	275.00	300.00	321.37	298.79

TOTAL AMOUNT BID FOR JOB \$18,644,625.67 \$19,445,436.27 \$20,663,993.47

TOTAL AMOUNT BID FOR BRIDGE \$1,352,944.30 \$1,146,457.50 \$1,637,666.54

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
A6832	76.76	12.95	993.86	1A	NA
B6832	76.76	12.95	993.86	2A	NA

A = 1,987.72

1A 76m Cont. Plate Girder Unit on 2-Column Int. Bents with Concrete Pile Footings; End Bents with Concrete Piles

2A 76m Cont. Plate Girder Unit on 2-Column Int. Bents with Concrete Pile Footings; End Bents with Concrete Piles

OUT TO OUT COST (\$/SM) = \$1,352,944.30 / A = \$ 680.65 (\$63.23/SF) \* FHWA COST (\$/SM) = \$1,271,544.30 / A = \$ 639.70 (\$59.43/SF)  
 LESS REMOVAL / TEMP. BR. (\$/SM) = NA EXISTING BR. REMOVAL (\$/SM) = NA

NET COST (\$/SM) = \$ 680.65 (\$62.23/SF) \* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS

METRIC JOB

FUNC. CLASS - PRIN. ART.

DESIGN SECTION - JGT

BRN-0043 (21)

ANALYSIS OF BIDS  
 JOB NO. 060778 - HUMNOKE-NORTH STRS. & APPRS. (S)  
 LETTING OF 22AUG2001

QUANTITY	UNIT	ITEM	MEHAFFY CONST. CO., INC.	ANGELO IAFRATE CONST., LLC	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 3)	24,000.00	10,000.00	17,000.00
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 4)	21,000.00	10,000.00	15,500.00
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 7)	15,000.00	10,000.00	12,500.00
390.00	LF	TEMP.BR.STR. (20' RDWY.)	560.00	750.00	655.00
138.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	30.00	18.00	24.00
223.20	CUYD	CLASS S CONCRETE-BRIDGE	385.00	560.00	472.50
868.80	CUYD	CLASS S(AE) CONCRETE-BRIDGE	375.00	410.00	392.50
37.20	GAL	CLASS 1 PROTECT.SURF.TREATMENT	40.00	130.00	85.00
205,620.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.50	0.55	0.53
3,050.00	LF	CONC.PILING (18" SQUARE)	46.00	50.00	48.00
255.00	LF	TEST PILES (18" SQUARE)	120.00	135.00	127.50
1,572.00	LF	PREBORING	35.00	35.00	35.00
3.00	EACH	BRIDGE NAME PLATE (TYPE C)	100.00	400.00	250.00
TOTAL AMOUNT BID FOR JOB			\$3,834,259.67	\$5,819,914.37	
TOTAL AMOUNT BID FOR BRIDGE			\$1,024,790.00	\$1,167,256.00	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
06852	180.00	32.83	5,910.00	1A	1B
06853	150.00	32.83	4,925.00	2A	2B
06854	120.00	32.83	3,940.00	3A	3B

A = 14,775.00

1A 6 @ 30'; Cont. R.C. Slab Unit on Concrete Trestle Piles  
 2A 5 @ 30'; Cont. R.C. Slab Unit on Concrete Trestle Piles  
 3A 4 @ 30'; Cont. R.C. Slab Unit on Concrete Trestle Piles

1B Br. # 02935; 27'5" x 157'; Precast Spans on Concrete Trestle Piles  
 2B Br. # 02936; 27'6" x 133'; Precast Spans on Concrete Trestle Piles  
 3B Br. # 02939; 27'6" x 95'; Precast Spans on Concrete Trestle Piles

OUT TO OUT COST (\$/SF)=	\$1,024,790.00 /A =	\$ 69.36	* FHWA COST (\$/SF)=	\$746,390.00/A =	\$ 50.52	
LESS REMOVAL / TEMP. BR.	(\$/SF)	=	\$ 18.84	EXISTING BR. REMOVAL (\$/SF)	=	\$ 5.67
NET COST (\$/SF)	=	\$ 50.52	* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS			

FUNC. CLASS - MAJ. COL.

DESIGN SECTION - JGT

STPU-9222(4)

ANALYSIS OF BIDS  
 JOB NO. 060836 - MAIN ST. RAILROAD GRADE SEPARATION (JACKSONVILLE) (S)  
 LETTING OF 22AUG2001

QUANTITY	UNIT	ITEM	JOYNER-FORD & BURKE CONST. CO.	MOBLEY CONTRACTORS, INC.	SOUTHERN PAVERS, INC.	AVG. OF LOW BIDS
260.00	LF	STEEL FENCE	175.00	51.23	150.00	125.41
200.00	CUYD	UNCLASS EXCAV.FOR STRS-BR	35.00	52.50	70.00	52.50
343.22	CUYD	CLASS S CONCRETE-BRIDGE	450.00	517.44	295.00	420.81
506.36	CUYD	CLASS S(AE) CONCRETE-BRIDGE	525.00	437.16	415.00	459.05
36.40	GAL	CLASS 1 PROTECT.SURF.TREATMENT	27.50	36.32	28.00	30.61
48,680.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.54	0.56	0.60	0.57
111,300.00	LB	EPOXY COAT.REINF.STEEL-GR 60	0.61	0.63	0.60	0.61
320.00	LF	DRILLED SHAFT (48" DIAMETER)	625.00	352.01	260.00	412.34
198.17	LF	METAL BRIDGE RAILING (TYPE H)	39.00	36.72	33.00	36.24
357,520.00	LB	STR.ST.BM.SPANS(M270-GR50)	0.93	1.01	1.04	0.99
178.80	TON	PAINTING STRUCTURAL STEEL	200.00	204.75	100.00	168.25
19,888.00	CUIN	ELASTOMERIC BEARINGS	1.75	2.13	2.00	1.96
96.00	LF	CLOSED CELL JOINT FILLER	40.00	53.15	30.00	41.05
1.00	EACH	BRIDGE NAME PLATE (TYPE C)	200.00	125.78	150.00	158.59
TOTAL AMOUNT BID FOR JOB			\$3,123,737.72	\$3,165,943.55	\$3,206,638.63	
TOTAL AMOUNT BID FOR BRIDGE			\$1,182,795.43	\$1,086,685.62	\$983,637.30	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
06752	232.21	64.17	14,900.04	1A	NA

A = 14,900.04

1A 230' Cont. Comp. W-Beam Unit; Spread Footing End Bents on MSE Walls; Drilled Shaft Int. Bents

OUT TO OUT COST (\$/SF)=	\$1,182,795.43	/A =	\$ 79.38	* FHWA COST (\$/SF)=	\$1,182,795.43	/A =	\$ 79.38
LESS REMOVAL / TEMP. BR.	(\$/SF)	=	NA	EXISTING BR. REMOVAL (\$/SF)	=	NA	
NET COST (\$/SF)	=	\$ 79.38		* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS			

FUNC. CLASS - MIN. ART.

DESIGN SECTION - GVA

BIM-B30-0(1)0

ANALYSIS OF BIDS  
 JOB NO. B60109 - MABELVALE WEST INTERCHANGE (F)  
 LETTING OF 22AUG2001

QUANTITY	UNIT	ITEM	SOUTHERN PAVERS, INC.	MOBLEY CONTRACTORS, INC.	SIMCO, INC.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 1)	130,000.00	86,299.99	185,000.00	133,766.66
272.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	40.00	54.89	55.00	49.96
394.74	CUYD	CLASS S CONCRETE-BRIDGE	325.00	422.86	380.00	375.95
870.00	CUYD	CLASS S(AE) CONCRETE-BRIDGE	375.00	477.84	450.00	434.28
65.10	GAL	CLASS 1 PROTECT.SURF.TREATMENT	28.00	41.54	40.00	36.51
54,840.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.60	0.55	0.52	0.56
188,615.00	LB	EPOXY COAT.REINF.STEEL-GR 60	0.60	0.57	0.62	0.60
2,178.00	LF	STEEL PILING (HP 12X53)	25.50	35.43	35.00	31.98
1,300.00	LF	PREBORING	25.00	29.60	25.00	26.53
828.00	LF	METAL BRIDGE RAILING (TYPE H)	34.00	37.19	50.00	40.40
4.00	EACH	TRANSITIONAL APPROACH RAILING	4,500.00	2,918.23	4,000.00	3,806.08
83,858.00	LB	STR.ST.PL.GRD.SPN(M270-GR36)	1.05	1.12	1.05	1.07
685,913.00	LB	STR.ST.PL.GRD.SPN(M270-GR50)	1.05	1.00	1.05	1.03
374.50	TON	PAINTING STRUCTURAL STEEL	100.00	184.00	185.00	156.33
56,376.70	CUIN	ELASTOMERIC BEARINGS	0.80	0.94	0.80	0.85
153.60	LF	ARM. JT W/NEOPRENE STRIP SEAL	120.00	109.62	100.00	109.87
1.00	EACH	BRIDGE NAME PLATE (TYPE C)	150.00	152.56	150.00	150.85
230.00	CUYD	CONCRETE RIPRAP	265.00	323.92	320.00	302.97

TOTAL AMOUNT BID FOR JOB \$4,909,108.84 \$4,922,957.74 \$5,439,280.09

TOTAL AMOUNT BID FOR BRIDGE \$1,847,850.21 \$1,975,588.06 \$2,067,406.71

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
06837	418.63	65.17	27,280.41	1A	1B

A = 27,280.41

1A 416' Cont.Plate Girder (101'-112'-98'-105'); 3 Column with Steel Pile Int. Bents; Steel Pile End Bents

1B Br. #03038: 32' x 343'; W-Beam; 2-Column Footing Int. Bents; Steel Pile End Bents

OUT TO OUT COST (\$/SF) = \$1,847,850.21 /A = \$ 67.74 \* FHWA COST (\$/SF) = \$1,638,900.21 /A = \$60.08  
 LESS REMOVAL / TEMP. BR. (\$/SF) = \$ 4.77 EXISTING BR. REMOVAL (\$/SF) = \$11.84

NET COST (\$/SF) = \$ 62.97 \* DEDUCT REMOVAL, TEMP. BR., RIPRAP, FILTER BLANKET COSTS & TRANS. APPR. RAIL

FUNC. CLASS - INTERSTATE

DESIGN SECTION - CPB

BRN-0058 (24)

ANALYSIS OF BIDS  
 JOB NO. R80103 - ILLINOIS BAYOU STR. & APPRS. (S)  
 LETTING OF 22AUG2001

QUANTITY	UNIT	ITEM	MOBLEY CONTRACTORS, INC.	HOLMAN CONSTRUCTION CO., INC.	CRAWFORD CONSTRUCTION CO.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 1)	24,140.46	43,500.00	21,000.00	29,546.82
1,081.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	69.00	61.00	45.00	58.33
635.70	CUYD	CLASS S CONCRETE-BRIDGE	323.38	338.84	456.00	372.74
668.50	CUYD	CLASS S(AE) CONCRETE-BRIDGE	386.38	321.00	410.00	372.46
58.90	GAL	CLASS 1 PROTECT.SURF.TREATMENT	28.19	30.00	36.00	31.40
94,380.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.51	0.50	0.55	0.52
164,430.00	LB	EPOXY COAT.REINF.STEEL-GR 60	0.55	0.55	0.58	0.56
384.00	LF	STEEL PILING (HP 12X53)	36.57	38.00	41.00	38.52
774,470.00	LB	STR.ST.BM.SPANS (M270-GR50W)	0.83	0.96	0.94	0.91
47,096.00	CUIN	ELASTOMERIC BEARINGS	1.04	1.17	0.98	1.06
84.00	LF	ARM. JT W/NEOPRENE STRIP SEAL	84.07	90.00	94.00	89.36
1.00	EACH	BRIDGE NAME PLATE (TYPE C)	58.50	150.00	150.00	119.50
1,701.00	SQYD	FILTER BLANKET	2.82	1.60	2.00	2.14
943.00	CUYD	DUMPED RIPRAP	29.68	38.00	30.00	32.56

TOTAL AMOUNT BID FOR JOB \$2,675,006.97 \$2,740,597.46 \$2,875,680.15

TOTAL AMOUNT BID FOR BRIDGE \$1,448,566.11 \$1,536,725.77 \$1,612,645.88

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
06835	559.23	43.17	24,140.08	1A	1B
		A =	24,140.08		

1A 557' (2 @ 75' - 2 @ 107' - 86'); Cont. Comp. W-Beam Unit; Hammerhead Int. Bents; End Bents with Steel Piling

1B Br. #01487; 28.6' x 445'; 3-Steel Pony Truss Main Spans and 4 - RCDG Approach Spans; Wall-Type Piers with Spread Footings; Concrete Abutments with Spread Footings

OUT TO OUT COST (\$/SF)=	\$1,448,566.11 /A = \$ 60.01	* FHWA COST (\$/SF)=	\$ 1,391,640.59 /A = \$ 57.65
LESS REMOVAL / TEMP. BR. (\$/SF)	= \$ 1.00	EXISTING BR. REMOVAL (\$/SF)	= \$ 1.90
NET COST (\$/SF)	= \$ 59.01	* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS	

FUNC. CLASS - MIN. ART.

DESIGN SECTION - CJF

BRO-0021 (16)

ANALYSIS OF BIDS  
 JOB NO. BR2107 - AMOS BAYOU STR. & APPRS. (S)  
 LETTING OF 22AUG2001

QUANTITY	UNIT	ITEM	DEON CONSTRUCTION CO., INC.	MILLAR, INC.	JOHNSVILLE SAND & GRAVEL CO.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 1)	20,000.00	20,000.00	35,000.00	25,000.00
15.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	40.00	20.00	45.00	35.00
53.30	CUYD	CLASS S CONCRETE-BRIDGE	490.00	475.00	525.00	496.67
10.00	EACH	31' PRECAST CONC. CURB UNITS	2,606.00	2,765.00	2,850.00	2,740.33
30.00	EACH	31' PRECAST CONC.INTER.UNITS	2,599.00	2,760.00	2,850.00	2,736.33
10.00	EACH	31' PRECAST PARAPET RAIL UNITS	3,455.00	3,675.00	3,800.00	3,643.33
12.00	GAL	CLASS 1 PROTECT.SURF.TREATMENT	29.00	35.00	38.00	34.00
5,560.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.65	0.65	1.00	0.77
1,320.00	LF	CONC.PILING (18" SQUARE)	56.00	60.00	65.00	60.33
130.00	LF	TEST PILES (18" SQUARE)	125.00	135.00	120.00	126.67
1.00	EACH	BRIDGE NAME PLATE (TYPE C)	175.00	175.00	250.00	200.00
TOTAL AMOUNT BID FOR JOB			\$431,387.65	\$479,397.90	\$538,502.12	
TOTAL AMOUNT BID FOR BRIDGE			\$279,604.00	\$293,776.50	\$323,323.50	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
04850	155.00	30.50	4,727.50	1A	1B
		A =	4,727.50		

1A 5 @ 31'; Precast Spans; Concrete Pile Bents

1B Br. #04282; 26.8' x 126'; Precast Concrete Spans; Timber Pile Bents

OUT TO OUT COST (\$/SF)=	\$279,604.00 /A =	\$ 59.14	* FHWA COST (\$/SF)=	\$259,604.00 /A =	\$ 54.91
LESS REMOVAL / TEMP. BR. (\$/SF)	=	\$ 4.23	EXISTING BR. REMOVAL (\$/SF)	=	\$ 5.92
NET COST (\$/SF)	=	\$ 54.91	* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS		

FUNC. CLASS - MINOR COLL.

DESIGN SECTION - GVA

BRO-0061(11)

ANALYSIS OF BIDS  
 JOB NO. BR6106 - MAIN DITCH STR. & APPRS. NO. 2 (S)  
 LETTING OF 22AUG2001

QUANTITY	UNIT	ITEM	J. W. GITHENS CO.	ROBERTSON CONTRACTORS, INC.	MOBLEY CONTRACTORS, INC.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 1)	2,000.00	10,000.00	5,820.35	5,940.12
78.70	CUYD	CLASS S CONCRETE-BRIDGE	500.00	400.00	529.43	476.48
145.70	CUYD	CLASS S(AE) CONCRETE-BRIDGE	450.00	400.00	470.08	440.03
12.20	GAL	CLASS 1 PROTECT.SURF.TREATMENT	40.00	35.00	63.18	46.06
43,170.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.61	0.60	0.64	0.62
1,100.00	LF	STEEL PILING (HP 12X53)	26.40	30.00	26.74	27.71
70.00	LF	PILE ENCASEMENT	60.00	85.00	112.22	85.74
80,780.00	LB	STR.ST.BM.SPANS(M270-GR50W)	1.15	1.08	1.17	1.13
8,868.00	CUIN	ELASTOMERIC BEARINGS	1.54	2.00	1.62	1.72
79.00	LF	PREFORMED JOINT SEAL	31.00	50.00	48.51	43.17
1.00	EACH	BRIDGE NAME PLATE (TYPE C)	135.00	250.00	95.14	160.05
550.00	SQYD	FILTER BLANKET	2.30	3.00	3.65	2.98
275.00	CUYD	DUMPED RIPRAP	34.00	35.00	33.30	34.10
TOTAL AMOUNT BID FOR JOB			\$490,856.59	\$525,311.29	\$627,598.97	
TOTAL AMOUNT BID FOR BRIDGE			\$286,729.42	\$285,492.40	\$305,617.33	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
04849	152.85	31.17	4,763.96	1A	1B
		A =	4,763.96		

1A 150' Cont. Comp. W-Beam Unit; Steel Pile Bents

1B Br. #16617; 16' x 79'; Timber Deck and Steel Beams; Concrete Abutment and Timber Pile Int. Bents

OUT TO OUT COST (\$/SF)=	\$286,729.42	/A = \$ 60.19	* FHWA COST (\$/SF)= \$274,114.42	/A = \$57.54
LESS REMOVAL / TEMP. BR.	(\$/SF)	= \$ 0.42	EXISTING BR. REMOVAL (\$/SF)	= \$1.58
NET COST (\$/SF)		= \$ 59.77	* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS	

FUNC. CLASS - MINOR COLL.

DESIGN SECTION - GVA