LOCATION	NO. OF LOC.	MARK	LENGTH FT.	LENGTH IN.	NO. BARS REQ'D.	TYPE	AG	B FT.	B IN.	C FT.	C IN.	D FT.	D IN.	E FT.	E IN.	F FT.	F IN.	H FT.	H IN.	J FT.	J IN.	K FT.	K IN.	N	θ
SEG. W5 OR E5	2																								
(CONT.)		4S7D	2	1	28	10	1	4	1-4	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7E	2	0	28	10	1	4	1-3	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7F	1	10	28	10	1	4	1-0 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		4S9A	3	3	4	30	4	4	1-1	0-8 1/2	0-8 1/2														
		4S9B	3	1	4	30	4	4	1-1	0-7 1/2	0-7 1/2														
		5S1	18	0	200	1																			
		5S2	53	9	14	1																			
		5S20	4	9	42	18			1-8	0-3	1-0			0-3										0	270
		6S12	10	0	32	9	3		9-0																
		6S13	25	0	16	1			LENGTH VARIES FROM 25-2 TO 24-9																
		6S14	26	10	16	6			24-10	1-0	0-0			1-0										76	76
		8S10	11	9	42	7			9-1	1-4	1-4			"B" VARIES FROM 8-7 TO 9-6										76	76
		8S11	11	9	42	7			9-1	1-4	1-4			"B" VARIES FROM 8-7 TO 9-6										256	76
		8S15	6	4	42	9	3		5-0																
SEG. W4 OR E4	2																								
		4S3	8	9	32	1																			
		4S4	17	7	32	4			10-7	7-0															13
		4S5	11	6	16	1																			
		4S6	6	6	32	6			4-6	1-0	0-0			1-0										45	45
		4S7B	1	11	28	10	1	4	1-1 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7C	2	0	28	10	1	4	1-2 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7D	2	1	28	10	1	4	1-4	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7E	2	0	28	10	1	4	1-3	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7F	1	10	28	10	1	4	1-0 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7G	1	7	28	10	1	4	0-10	HOOKS ARE IN PERPENDICULAR PLANES															
		4S9A	3	7	4	30	4	4	1-1	0-10 1/2	0-10 1/2														
		4S9B	3	3	4	30	4	4	1-1	0-8 1/2	0-8 1/2														
		5S1	18	0	204	1																			
		5S2	53	9	14	1																			
		5S20	4	9	42	18			1-8	0-3	1-0			0-3		0-7								0	270
		6S12	10	0	32	9	3		9-0																
		6S13	24	7	16	1			LENGTH VARIES FROM 24-9 TO 24-4																
		6S14	26	4	16	6			24-4	1-0	0-0			1-0		"B" VARIES FROM 24-7 TO 24-1								76	76
		8S10	12	9	42	7			10-1	1-4	1-4			"B" VARIES FROM 9-6 TO 10-7										76	76
		8S11	12	9	42	7			10-1	1-4	1-4			"B" VARIES FROM 9-6 TO 10-7										256	76
		8S15	6	4	42	9	3		5-0																
SEG. W3 OR E3	2																								
		4S3	8	9	32	1																			
		4S4	17	7	32	4			10-7	7-0															13
		4S5	11	6	16	1																			
		4S6	6	6	32	6			4-6	1-0	0-0			1-0										45	45
		4S7B	1	11	28	10	1	4	1-1 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7C	2	0	28	10	1	4	1-2 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7D	2	1	28	10	1	4	1-4	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7E	2	0	28	10	1	4	1-3	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7F	1	10	28	10	1	4	1-0 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7G	1	7	28	10	1	4	0-10	HOOKS ARE IN PERPENDICULAR PLANES															
		5S1	18	0	212	1																			
		5S2	53	9	14	1																			
		5S20	4	9	42	18			1-8	0-3	1-0			0-3		0-7								0	270
		6S12	10	0	32	9	3		9-0																
		6S13	24	1	16	1			LENGTH VARIES FROM 24-4 TO 23-10																
		6S14	25	10	16	6			23-10	1-0	0-0			1-0		"B" VARIES FROM 24-1 TO 23-6								76	76
		8S10	13	11	42	7			11-3	1-4	1-4			"B" VARIES FROM 10-7 TO 11-10										76	76
		8S11	13	11	42	7			11-3	1-4	1-4			"B" VARIES FROM 10-7 TO 11-10										256	76
		8S15	6	4	42	9	3		5-0																

LOCATION	NO. OF LOC.	MARK	LENGTH FT.	LENGTH IN.	NO. BARS REQ'D.	TYPE	AG	B FT.	B IN.	C FT.	C IN.	D FT.	D IN.	E FT.	E IN.	F FT.	F IN.	H FT.	H IN.	J FT.	J IN.	K FT.	K IN.	N	θ
SEG. W2 OR E2	2																								
		4S3	8	9	32	1																			
		4S4	17	7	32	4			10-7	7-0															13
		4S5	11	6	16	1																			
		4S6	6	6	32	6			4-6	1-0	0-0			1-0										45	45
		4S7A	1	10	28	10	1	4	1-0 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7B	1	11	28	10	1	4	1-1 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7C	2	0	28	10	1	4	1-2 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7D	2	1	28	10	1	4	1-4	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7E	2	0	28	10	1	4	1-3	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7F	1	10	28	10	1	4	1-0 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7G	1	7	28	10	1	4	0-10	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7H	1	5	28	10	1	4	0-7 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		5S1	18	0	220	1																			
		5S2	53	9	14	1																			
		5S20	4	9	42	18			1-8	0-3	1-0			0-3		0-7								0	270
		6S13	25	9	16	6			23-9	1-0	0-0			1-0		"B" VARIES FROM 24-0 TO 23-5								76	76
		7S14	26	6	16	6			23-2	1-8	0-0			1-8		"B" VARIES FROM 23-6 TO 22-9								76	76
		8S10	15	3	42	7			12-7	1-4	1-4			"B" VARIES FROM 11-10 TO 13-3										76	76
		8S11	15	3	42	7			12-7	1-4	1-4			"B" VARIES FROM 11-10 TO 13-3										256	76
		8S15	6	4	42	9	3		5-0																
SEG. W1 OR E1	2																								
		4S3	8	9	26	1																			
		4S4	17	7	26	4			10-7	7-0															13
		4S5	11	6	13	1																			
		4S6	6	6	26	6			4-6	1-0	0-0			1-0										45	45
		4S7A	1	10	24	10	1	4	1-0 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7B	1	11	24	10	1	4	1-1 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7C	2	0	24	10	1	4	1-2 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7D	2	1	24	10	1	4	1-4	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7E	2	0	24	10	1	4	1-3	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7F	1	10	24	10	1	4	1-0 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7G	1	7	24	10	1	4	0-10	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7H	1	5	24	10	1	4	0-7 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		5S1	15	0	236	1																			
		5S2	53	9	12	1																			
		5S20	4	9	34	18			1-8	0-3	1-0			0-3										0	270
		6S13	25	2	13	6			23-2	1-0	0-0			1-0										76	76
		7S14	25	10	13	6			22-6	1-8	0-0			1-8										76	76
		8S10	16	7	34	7			13-11	1-4	1-4			"B" VARIES FROM 13-3 TO 14-6										76	76
		8S11	16	7	34	7			13-11	1-4	1-4			"B" VARIES FROM 13-3 TO 14-6										256	76
		8S15	6	4	34	9	3		5-0																
PIER TABLE	2																								
		4S3	8	9	50	1																			
		4S4	17	7	50	4			10-7	7-0															13
		4S5	11	6	25	1																			
		4S6	6	6	50	6			4-6	1-0	0-0			1-0										45	45
		4S7A	1	10	50	10	1	4	1-0 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7B	1	11	50	10	1	4	1-1 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7C	2	0	50	10	1	4	1-2 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7D	2	1	50	10	1	4	1-4	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7E	2	0	50	10	1	4	1-3	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7F	1	10	50	10	1	4	1-0 1/2	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7G	1	7	50	10	1	4	0-10	HOOKS ARE IN PERPENDICULAR PLANES															
		4S7H	1	5	50	10	1	4	0-7 1/2	HOOKS ARE IN PERPENDICULAR PLANES															

LOCATION	NO. OF LOC.	MARK	LENGTH FT.	LENGTH IN.	NO. BARS REQ'D.	TYPE	AG	B FT.	B IN.	C FT.	C IN.	D FT.	D IN.	E FT.	E IN.	F FT.	F IN.	H FT.	H IN.	J FT.	J IN.	K FT.	K IN.	N	θ
PIER TABLE (CONT.)		4S21	6	2	52	4			5-6	0-8															80
		4S22	6	1	12	6			2-5	1-10		0-0		1-10										45	45
		4S23	8	1	8	6			4-5	1-10		0-0		1-10										45	45
		4S28	9	2	220	10	3	3	7-10																
		5S1	30	6	162	1																			
		5S20	4	9	66	18			1-8	0-3		1-0		0-3		0-7								0	270
		5S99A	4	6	9	1																			
		5S99B	3	11	18	1																			
		5S99C	5	6	18	1																			
		5S99D	4	7	18	1																			
		6S1	53	9	25	1			22-11	1-0		0-0		1-0										76	76
		6S13	24	11	25	6																			
		6S50	3	8	4	1			3-8	2-6		2-6													
		6S51	5	10	9	2			0-10																
		7S1A	31	0	30	1			10-0	14-4		6-10												173	7
		7S1B	31	2	28	7			21-9	1-8		0-0		1-8		"B" VARIES FROM 22-2 TO 21-7 TO 21-9								76	76
		7S14	25	1	25	6			15-6	1-4		1-4													
		8S10	18	2	110	7								"B" VARIES FROM 14-6 TO 15-9 TO 15-4										76	76

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	CSHPP-0007-00(550) CSSTP-M002-00(960)	101	178

BRIDGE NO. 1

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION - OFFICE OF BRIDGE AND STRUCTURES

BAR REINFORCING DETAILS (2 OF 6)

CR 1297 (BROAD AVE.) OVER FLINT RIVER

DOUGHERTY COUNTY

CSHPP-0007-00(550)
CSSTP-M002-00(960)

NO SCALE

NOVEMBER 2011

DRAWING NO. 35 - 049

BRIDGE SHEET 49 OF 53

DATE | REVISIONS | BY

DESIGNED JMO/JAH | CHECKED RLF | REVIEWED WEI/WMD
DRAWN JRL | DESIGN GROUP | APPROVED BFR

1 INCH WHEN PRINTED FULL SIZE

J:\2009039\0007550\STRUCTURES\BRIDGE\PLANS\0007550_SUPER RB.DGN