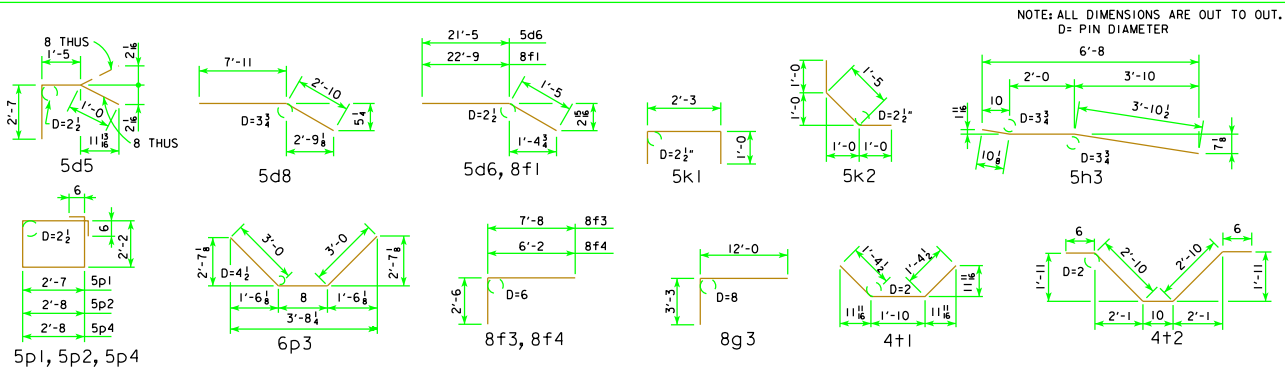


EPOXY COATED REINFORCING BAR LIST ONE SUPERSTRUCTURE AND TWO ABUTMENTS			BRIDGE LENGTH																													
			160'-0		180'-0		200'-0		220'-0		240'-0		260'-0		280'-0		300'-0		320'-0		340'-0											
BAR	LOCATION	SHAPE	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT			
6a1	SLAB TRANSVERSE, TOP & BOTTOM		373	42'-10	23,998	421	42'-10	27,086	469	42'-10	30,174	517	42'-10	33,262	565	42'-10	36,350	613	42'-10	39,438	661	42'-10	42,526	709	42'-10	45,614	757	42'-10	48,703	805	42'-10	51,791
6a2	SLAB TRANSVERSE, TOP-ENDS		16	VARIABLES	528	16	VARIABLES	528	16	VARIABLES	528	16	VARIABLES	528	16	VARIABLES	528	16	VARIABLES	528	16	VARIABLES	528	16	VARIABLES	528	16	VARIABLES	528	16	VARIABLES	528
6a3	SLAB TRANSVERSE, BOTTOM-ENDS		18	VARIABLES	594	18	VARIABLES	594	18	VARIABLES	594	18	VARIABLES	594	18	VARIABLES	594	18	VARIABLES	594	18	VARIABLES	594	18	VARIABLES	594	18	VARIABLES	594	18	VARIABLES	594
6b1	SLAB LONGITUDINAL TOP & BOTTOM		485	34'-6	25,133	485	38'-6	28,047	582	35'-10	31,325	582	39'-2	34,239	679	36'-9	37,480	679	39'-8	40,455	776	37'-6	43,709	776	40'-0	46,623	873	38'-0	49,828	970	36'-6	53,179
5d2	ABUTMENT DIAPHRAGM, LONGITUDINAL		16	21'-5	358	16	21'-5	358	16	21'-5	358	16	21'-5	358	16	21'-5	358	16	21'-5	358	16	21'-5	358	16	21'-5	358	16	21'-5	358	16	21'-5	358
5d5	ABUTMENT DIAPHRAGM, LONGITUDINAL - END		16	5'-0	84	16	5'-0	84	16	5'-0	84	16	5'-0	84	16	5'-0	84	16	5'-0	84	16	5'-0	84	16	5'-0	84	16	5'-0	84	16	5'-0	84
5d6	ABUTMENT DIAPHRAGM, LONGITUDINAL - B.F.		16	22'-10	382	16	22'-10	382	16	22'-10	382	16	22'-10	382	16	22'-10	382	16	22'-10	382	16	22'-10	382	16	22'-10	382	16	22'-10	382	16	22'-10	382
5d7	PAVING NOTCH, LONGITUDINAL		8	22'-9	190	8	22'-9	190	8	22'-9	190	8	22'-9	190	8	22'-9	190	8	22'-9	190	8	22'-9	190	8	22'-9	190	8	22'-9	190	8	22'-9	190
5d8	ABUT. DIAPHRAGM WING EXT. LONGIT.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5d9	ABUT. DIAPHRAGM WING EXT. LONGIT.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8f1	ABUTMENT FOOTING LONGITUDINAL - B.F.		36	24'-2	2323	36	24'-2	2323	36	24'-2	2323	36	24'-2	2323	36	24'-2	2323	36	24'-2	2323	36	24'-2	2323	36	24'-2	2323	36	24'-2	2323	36	24'-2	2323
8f3	ABUTMENT EXTENSION LONGITUDINAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8f4	ABUTMENT EXTENSION LONGITUDINAL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8g1	ABUTMENT VERTICAL - B.F.		136	6'-5	2331	136	6'-5	2331	136	6'-8	2421	136	6'-11	2512	136	6'-11	2512	136	7'-1	2573	136	7'-2	2603	136	7'-2	2603	136	7'-2	2603	136	7'-6	2724
8g3	ABUTMENT DIAPHRAGM VERTICAL - B.F.		62	15'-3	2525	62	15'-3	2525	62	15'-3	2525	62	15'-3	2525	62	15'-3	2525	62	15'-3	2525	62	15'-3	2525	62	15'-3	2525	62	15'-3	2525	62	15'-3	2525
6g4	ABUTMENT DIAPHRAGM WING EXT. VERT.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5h1	WING HORIZONTAL BACK FACE		28	6'-8	195	28	6'-8	195	28	6'-8	195	28	6'-8	195	28	6'-8	195	28	6'-8	195	28	6'-8	195	28	6'-8	195	28	6'-8	195	28	6'-8	195
5h2	WING HORIZONTAL BACK FACE		56	4'-11	288	56	4'-11	288	56	4'-11	288	56	4'-11	288	56	4'-11	288	56	4'-11	288	56	4'-11	288	56	4'-11	288	56	4'-11	288	56	4'-11	288
5h3	WING HORIZONTAL TRAFFIC FACE		28	6'-9	198	28	6'-9	198	28	6'-9	198	28	6'-9	198	28	6'-9	198	28	6'-9	198	28	6'-9	198	28	6'-9	198	28	6'-9	198	28	6'-9	198
5h4	WING HORIZONTAL TRAFFIC FACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5j1	TOP OF SLAB, TRANSVERSE, AT RAIL		386	6'-3	2517	434	6'-3	2830	482	6'-3	3143	530	6'-3	3455	578	6'-3	3768	626	6'-3	4081	674	6'-3	4394	722	6'-3	4707	770	6'-3	5020	818	6'-3	5333
5k1	PAVING NOTCH, TRANSVERSE		64	4'-3	284	64	4'-3	284	64	4'-3	284	64	4'-3	284	64	4'-3	284	64	4'-3	284	64	4'-3	284	64	4'-3	284	64	4'-3	284	64	4'-3	284
5k2	PAVING NOTCH, TRANSVERSE		64	3'-5	229	64	3'-5	229	64	3'-5	229	64	3'-5	229	64	3'-5	229	64	3'-5	229	64	3'-5	229	64	3'-5	229	64	3'-5	229	64	3'-5	229
5p1	ABUTMENT HOOPS		140	10'-6	1534	140	10'-6	1534	140	10'-6	1534	128	10'-6	1402	128	10'-6	1402	128	10'-6	1402	144	10'-6	1578	144	10'-6	1578	144	10'-6	1578	144	10'-6	1578
5p2	ABUTMENT HOOPS AT ENDS		8	10'-8	90	8	10'-8	90	8	10'-8	90	8	10'-8	90	8	10'-8	90	8	10'-8	90	8	10'-8	90	8	10'-8	90	8	10'-8	90	8	10'-8	90
6p3	ABUTMENT BOTTOM AT PILES		32	6'-8	321	32	6'-8	321	32	6'-8	321	36	6'-8	361	36	6'-8	361	36	6'-8	361	40	6'-8	401	40	6'-8	401	40	6'-8	401	40	6'-8	401
5p4	ABUTMENT EXTENSION HOOPS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5s1	WING, VERTICAL		64	5'-7	373	64	5'-7	373	64	5'-7	373	64	6'-2	412	64	6'-2	412	64	6'-2	412	64	6'-2	412	64	6'-2	412	64	6'-2	412	64	6'-11	462
4t1	UNDER BEAMS AT ABUTMENTS		12	4'-7	37	12	4'-7	37	12	4'-7	37	12	4'-7	37	12	4'-7	37	12	4'-7	37	12	4'-7	37	12	4'-7	37	12	4'-7	37	12	4'-7	37
4t2	ABUTMENT DIAPHRAGM, LONGITUDINAL F.F.		36	7'-6	181	36	7'-6	181	36	7'-6	181	36	7'-6	181	36	7'-6	181	36	7'-6	181	36	7'-6	181	36	7'-6	181	36	7'-6	181	36	7'-6	181
	* PILE SPIRAL - NO. 2 BAR		16	38'-6	103	16	38'-6	103	16	38'-6	103	18	38'-6	116	18	38'-6	116	18	38'-6	116	20	38'-6	129	20	38'-6	129	20	38'-6	129	24	38'-6	155
	* SPIRAL SPACER L _{1/2} x L _{1/2} x L _{1/2} x 0.70		48	1'-10	62	48	1'-10	62	48	1'-10	62	54	1'-10	70	54	1'-10	70	54	1'-10	70	60	1'-10	77	60	1'-10	77	60	1'-10	77	72	1'-10	93
	SEE SHEET RAIL SHEET RS40-090-10				9115			10,023			10,897			11,810			12,691			13,602			14,474			15,390			16,283			17,671
	REINFORCING STEEL EPOXY COATED (LBS.)		TOTAL (LBS.)		73,973	TOTAL (LBS.)		81,196	TOTAL (LBS.)		88,839	TOTAL (LBS.)		96,125	TOTAL (LBS.)		103,648	TOTAL (LBS.)		110,996	TOTAL (LBS.)		118,789	TOTAL (LBS.)		126,020	TOTAL (LBS.)		133,520	TOTAL (LBS.)		143,791
	* EPOXY COATING NOT REQUIRED																															

BENT BAR DETAILS



LATEST REVISION DATE <i>Thomas L. Mc Donald</i> APPROVED BY BRIDGE ENGINEER	
	STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES ROLLED STEEL BEAM BRIDGES JUNE, 2010
	DECK AND ABUTMENT REINFORCEMENT 10° SKEW
	RS40-037-10