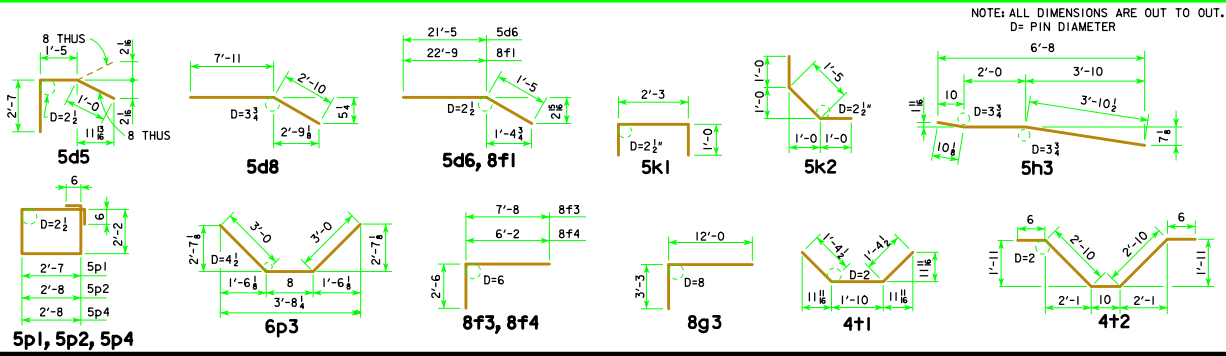


EPOXY COATED REINFORCING BAR LIST			BRIDGE LENGTH																													
ONE SUPERSTRUCTURE AND TWO ABUTMENTS			160'-0		180'-0		200'-0		220'-0		240'-0		260'-0		280'-0		300'-0		320'-0		340'-0											
BAR	LOCATION	SHAPE	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT									
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
8g4	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 <sub>4</sub> x L <sub>4</sub> x L <sub>4</sub> @ 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
** REINFORCING STEEL EPOXY COATED (LBS.)					64,858			71,173			77,942			84,315			90,957			97,394			104,315			110,630			117,237			126,120
* EPOXY COATING NOT REQUIRED																																
** BARRIER RAIL REINFORCING NOT INCLUDED																																

### BENT BAR DETAILS



NOTE: THE REINFORCING STEEL QUANTITY IS TO BE INCLUDED ON THE SUMMARY QUANTITIES SHEET IN THE PLAN.

LATEST REVISION DATE  APPROVED BY BRIDGE ENGINEER <i>Thomas E. McQuinn</i>	
	STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES <b>ROLLED STEEL BEAM BRIDGES</b> OCTOBER, 2014
	<b>DECK AND ABUTMENT REINFORCEMENT 10° SKEW</b>
<b>RS40-037-14</b>	