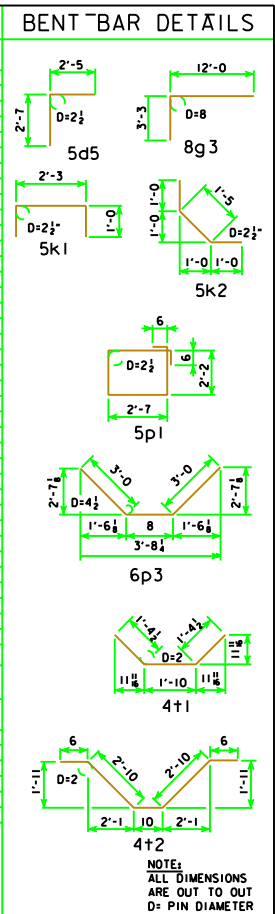


EPOXY COATED REINFORCING BAR LIST			BRIDGE LENGTH																							
ONE SUPERSTRUCTURE AND TWO ABUTMENTS			160'-0			180'-0			200'-0			220'-0			240'-0			260'-0			280'-0			300'-0		
BAR	LOCATION	SHAPE	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT
6o1	SLAB TRANSVERSE, TOP & BOTTOM		391	42'-10	25,156	439	42'-10	28,244	487	42'-10	31,332	535	42'-10	34,420	583	42'-10	37,508	631	42'-10	40,596	679	42'-10	43,684	727	42'-10	46,773
6b1	SLAB LONGITUDINAL TOP & BOTTOM		485	34'-5	25,072	485	38'-5	27,986	582	35'-9	31,252	582	39'-1	34,166	679	36'-8	37,395	679	39'-7	40,370	776	37'-5	43,612	776	39'-11	46,525
5d2	ABUTMENT DIAPHRAM, LONGITUDINAL		16	21'-5	357	16	21'-5	357	16	21'-5	357	16	21'-5	357	16	21'-5	357	16	21'-5	357	16	21'-5	357	16	21'-5	357
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
5d6	ABUTMENT DIAPHRAGM LONGITUDINAL - B.F.		16	22'-6	376	16	22'-6	376	16	22'-6	376	16	22'-6	376	16	22'-6	376	16	22'-6	376	16	22'-6	376	16	22'-6	376
5d7	PAVING NOTCH, LONGITUDINAL		8	22'-2	185	8	22'-2	185	8	22'-2	185	8	22'-2	185	8	22'-2	185	8	22'-2	185	8	22'-2	185	8	22'-2	185
8f1	ABUTMENT FOOTING LONGITUDINAL - B.F.		36	23'-10	2291	36	23'-10	2291	36	23'-10	2291	36	23'-10	2291	36	23'-10	2291	36	23'-10	2291	36	23'-10	2291	36	23'-10	2291
8g1	ABUTMENT VERTICAL - B.F.		136	6'-5	2330	136	6'-5	2330	136	6'-8	2421	136	7'-1	2572	136	7'-2	2602	136	7'-2	2602	136	7'-2	2602	136	7'-2	2602
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
5h1	WING HORIZONTAL		56	6'-8	390	56	6'-8	390	56	6'-8	390	56	6'-8	390	56	6'-8	390	56	6'-8	390	56	6'-8	390	56	6'-8	390
5h2	ABUTMENT TO WING ANCHOR		56	4'-8	273	56	4'-8	273	56	4'-8	273	56	4'-8	273	56	4'-8	273	56	4'-8	273	56	4'-8	273	56	4'-8	273
5j1	TOP OF SLAB AT RAIL		390	6'-3	2543	438	6'-3	2856	486	6'-3	3169	534	6'-3	3482	582	6'-3	3794	630	6'-3	4107	678	6'-3	4420	726	6'-3	4733
5k1	PAVING NOTCH, TRANSVERSE		66	4'-3	293	66	4'-3	293	66	4'-3	293	66	4'-3	293	66	4'-3	293	66	4'-3	293	66	4'-3	293	66	4'-3	293
5k2	PAVING NOTCH, TRANSVERSE		66	3'-5	235	66	3'-5	235	66	3'-5	235	66	3'-5	235	66	3'-5	235	66	3'-5	235	66	3'-5	235	66	3'-5	235
5p1	ABUTMENT HOOPS		152	10'-6	1665	152	10'-6	1665	148	10'-6	1621	148	10'-6	1621	148	10'-6	1621	148	10'-6	1621	136	10'-6	1490	136	10'-6	1490
6p3	ABUTMENT BOTTOM OF PILES		28	6'-8	280	28	6'-8	280	32	6'-8	320	32	6'-8	320	32	6'-8	320	32	6'-8	320	36	6'-8	360	36	6'-8	360
5s1	WING, VERTICAL		56	VARIABLE	263	56	VARIABLE	263	56	VARIABLE	263	56	VARIABLE	263	56	VARIABLE	263	56	VARIABLE	263	56	VARIABLE	263	56	VARIABLE	263
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
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
SEE BARRIER RAIL SHEET RS40-71-04					8,915			9,823			10,697			11,610			12,491			13,402			14,274			15,190
REINFORCING STEEL - EPOXY COATED (LB)			TOTAL (LB)			TOTAL (LB)			TOTAL (LB)			TOTAL (LB)			TOTAL (LB)			TOTAL (LB)			TOTAL (LB)			TOTAL (LB)		
			73,451			80,674			88,302			95,681			103,221			110,508			117,932			125,163		

NON-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		
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
	PILE SPIRAL - NO. 2 BAR		14	38'-6	90	14	38'-6	90	16	38'-6	104	16	38'-6	104	16	38'-6	104	16	38'-6	104	18	38'-6	116	18	38'-6	116
	SPIRAL SPACER 1 1/2 x 1/2 x 1/8 0.70		28	1'-10	37	28	1'-10	37	32	1'-10	42	32	1'-10	42	36	1'-10	42	32	1'-10	42	36	1'-10	47	36	1'-10	47
REINFORCING STEEL - NON-EPOXY COATED (LB)			TOTAL (LB)			TOTAL (LB)			TOTAL (LB)			TOTAL (LB)			TOTAL (LB)			TOTAL (LB)			TOTAL (LB)			TOTAL (LB)		
			127			127			146			146			146			146			163			163		

NON-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		
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
	PILE SPIRAL - NO. 2 BAR		14	38'-6	90	14	38'-6	90	16	38'-6	104	16	38'-6	104	16	38'-6	104	16	38'-6	104	18	38'-6	116	18	38'-6	116
	SPIRAL SPACER 1 1/2" x 1/2" x 0.70		28	1'-10	37	28	1'-10	37	32	1'-10	42	32	1'-10	42	36	1'-10	42	32	1'-10	42	36	1'-10	47	36	1'-10	47
REINFORCING STEEL - NON-EPOXY COATED (LB)			TOTAL (LB)			TOTAL (LB)			TOTAL (LB)			TOTAL (LB)			TOTAL (LB)			TOTAL (LB)			TOTAL (LB)			TOTAL (LB)		
			127			127			146			146			146			146			163			163		



03-07 LATEST REVISION DATE APPROVED BY BRIDGE ENGINEER	 STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES ROLLED STEEL BEAM BRIDGES FEBRUARY, 2004	
	DECK AND ABUTMENT REINFORCEMENT 0° SKEW	
	RS40-34-04	