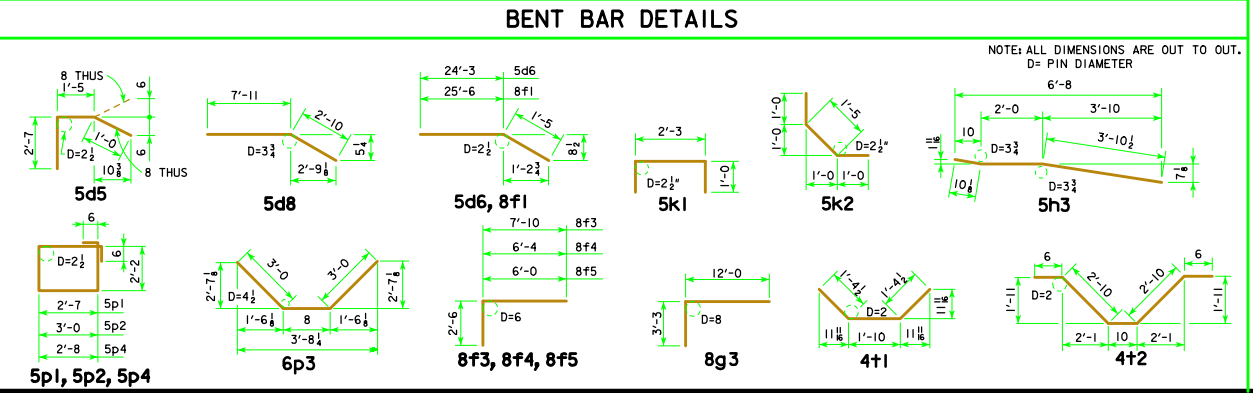


EPOXY COATED REINFORCING BAR LIST

BAR LOCATION			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	NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT							
6a1	SLAB TRANSVERSE, TOP & BOTTOM	▬▬▬	337	42'-10	21,682	385	42'-10	24,770	433	42'-10	27,858	481	42'-10	30,946	529	42'-10	34,034	577	42'-10	37,122	625	42'-10	40,210	673	42'-10	43,298	721	42'-10	46,387	769	42'-10	49,475										
6a2	SLAB TRANSVERSE, TOP-ENDS	▬▬▬	54	VARIES	1717	54	VARIES	1717	54	VARIES	1717	54	VARIES	1717	54	VARIES	1717	54	VARIES	1717	54	VARIES	1717	54	VARIES	1717	54	VARIES	1717	54	VARIES	1717	54	VARIES	1717							
6a3	SLAB TRANSVERSE, BOTTOM-ENDS	▬▬▬	54	VARIES	1775	54	VARIES	1775	54	VARIES	1775	54	VARIES	1775	54	VARIES	1775	54	VARIES	1775	54	VARIES	1775	54	VARIES	1775	54	VARIES	1775	54	VARIES	1775	54	VARIES	1775							
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	24'-2	404	16	24'-2	404	16	24'-2	404	16	24'-2	404	16	24'-2	404	16	24'-2	404	16	24'-2	404	16	24'-2	404	16	24'-2	404	16	24'-2	404										
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	25'-8	429	16	25'-8	429	16	25'-8	429	16	25'-8	429	16	25'-8	429	16	25'-8	429	16	25'-8	429	16	25'-8	429	16	25'-8	429	16	25'-8	429										
5d7	PAVING NOTCH, LONGITUDINAL	▬▬▬	8	25'-7	214	8	25'-7	214	8	25'-7	214	8	25'-7	214	8	25'-7	214	8	25'-7	214	8	25'-7	214	8	25'-7	214	8	25'-7	214	8	25'-7	214										
5d8	ABUT. DIAPHRAGM WING EXT. LONGIT.	▬▬▬	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
5d9	ABUT. DIAPHRAGM WING EXT. LONGIT.	▬▬▬	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
8f1	ABUTMENT FOOTING LONGITUDINAL - B.F.	▬▬▬	36	26'-11	2588	36	26'-11	2588	36	26'-11	2588	36	26'-11	2588	36	26'-11	2588	36	26'-11	2588	36	26'-11	2588	36	26'-11	2588	36	26'-11	2588	36	26'-11	2588										
8f3	ABUTMENT EXTENSION LONGITUDINAL	▬▬▬	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
8f4	ABUTMENT EXTENSION LONGITUDINAL	▬▬▬	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
8f5	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	▬▬▬	384	6'-3	2504	432	6'-3	2817	480	6'-3	3129	528	6'-3	3442	576	6'-3	3755	624	6'-3	4068	672	6'-3	4381	720	6'-3	4694	768	6'-3	5007	816	6'-3	5320										
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	▬▬▬	168	10'-6	1840	168	10'-6	1840	160	10'-6	1753	160	10'-6	1753	160	10'-6	1753	144	10'-6	1578	144	10'-6	1578	144	10'-6	1578	144	10'-6	1578	160	10'-6	1753										
5p2	ABUTMENT HOOPS AT ENDS	▬▬▬	8	11'-4	95	8	11'-4	95	8	11'-4	95	8	11'-4	95	8	11'-4	95	8	11'-4	95	8	11'-4	95	8	11'-4	95	8	11'-4	95	8	11'-4	95										
6p3	ABUTMENT BOTTOM AT PILES	▬▬▬	32	6'-8	321	32	6'-8	321	36	6'-8	361	36	6'-8	361	40	6'-8	401	40	6'-8	401	40	6'-8	401	40	6'-8	401	40	6'-8	401	44	6'-8	441										
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	18	38'-6	116	18	38'-6	116	18	38'-6	116	20	38'-6	129	20	38'-6	129	20	38'-6	129	20	38'-6	129	26	38'-6	168										
* SPIRAL SPACER L ₄ x L ₄ x L ₄ x 0.70			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	60	1'-10	77	78	1'-10	101										
** REINFORCING STEEL EPOXY COATED (LBS.)			65,592				71,907				78,649				85,094				91,736				98,058				104,743				111,058				117,665				126,791			
* EPOXY COATING NOT REQUIRED																																										
** BARRIER RAIL REINFORCING NOT INCLUDED																																										



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

LATEST REVISION DATE	 APPROVED BY BRIDGE ENGINEER	
		STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES ROLLED STEEL BEAM BRIDGES
		OCTOBER, 2014
		DECK AND ABUTMENT REINFORCEMENT 30° SKEW
		RS40-039-14