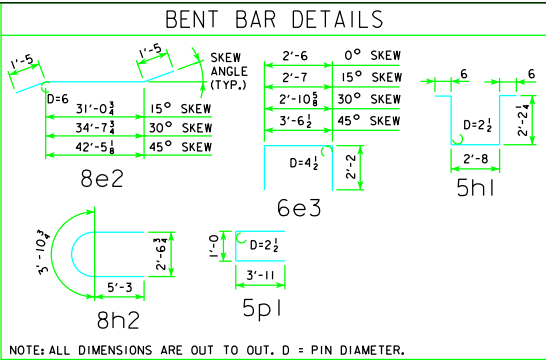


BILL OF REINFORCING STEEL FOR SUPERSTRUCTURE - 130' BRIDGE																		
LOCATION	SKEW	SHAPE	0°				15°				30°				45°			
			BAR	NO.	LENGTH	WEIGHT	BAR	NO.	LENGTH	WEIGHT	BAR	NO.	LENGTH	WEIGHT	BAR	NO.	LENGTH	WEIGHT
SLAB LONGITUDINAL BOTTOM			9a1	39	28'-7	3791	39	28'-7	3791	39	28'-7	3791	39	28'-7	3791	39	28'-7	3791
SLAB LONGITUDINAL BOTTOM			9a2	39	42'-0	5570	39	42'-0	5570	39	42'-0	5570	39	42'-0	5570	39	42'-0	5570
SLAB LONGITUDINAL BOTTOM			9a3	39	38'-9	5139	39	38'-9	5139	39	38'-9	5139	39	38'-9	5139	39	38'-9	5139
SLAB LONGITUDINAL BOTTOM			9a4	40	32'-7	4432	40	32'-7	4432	40	32'-7	4432	40	32'-7	4432	40	32'-7	4432
SLAB LONGITUDINAL BOTTOM			10a5	20	38'-0	3271	20	38'-0	3271	20	38'-0	3271	20	38'-0	3271	20	38'-0	3271
SLAB LONGITUDINAL BOTTOM, AT RAIL			9a6	8	37'-11	1032	8	37'-11	1032	8	37'-11	1032	8	37'-11	1032	8	37'-11	1032
SLAB LONGITUDINAL BOTTOM, AT RAIL			9a7	8	13'-0	354	8	13'-0	354	8	13'-0	354	8	13'-0	354	8	13'-0	354
SLAB LONGITUDINAL BOTTOM, AT RAIL			9a8	4	45'-2	615	4	45'-2	615	4	45'-2	615	4	45'-2	615	4	45'-2	615
SLAB LONGITUDINAL BOTTOM, AT RAIL			8a9	8	31'-4	670	8	31'-4	670	8	31'-4	670	8	31'-4	670	8	31'-4	670
SLAB LONGITUDINAL BOTTOM, AT RAIL			9a10	4	26'-4	359	4	26'-4	359	4	26'-4	359	4	26'-4	359	4	26'-4	359
SLAB LONGITUDINAL TOP			6b1	39	6'-4	371	39	6'-4	371	39	6'-4	371	39	6'-4	371	39	6'-4	371
SLAB LONGITUDINAL TOP			11b2	39	26'-3	5440	39	26'-3	5440	39	26'-3	5440	39	26'-3	5440	39	26'-3	5440
SLAB LONGITUDINAL TOP			11b3	39	28'-0	5802	39	28'-0	5802	39	28'-0	5802	39	28'-0	5802	39	28'-0	5802
SLAB LONGITUDINAL TOP			7b4	39	23'-0	1834	39	23'-0	1834	39	23'-0	1834	39	23'-0	1834	39	23'-0	1834
SLAB LONGITUDINAL TOP			10b5	40	23'-6	4045	40	23'-6	4045	40	23'-6	4045	40	23'-6	4045	40	23'-6	4045
SLAB LONGITUDINAL TOP			6b6	20	35'-6	1067	20	35'-6	1067	20	35'-6	1067	20	35'-6	1067	20	35'-6	1067
SLAB LONGITUDINAL TOP, AT RAIL			6b8	8	29'-9	358	8	29'-9	358	8	29'-9	358	8	29'-9	358	8	29'-9	358
SLAB LONGITUDINAL TOP, AT RAIL			11b9	8	30'-3	1286	8	30'-3	1286	8	30'-3	1286	8	30'-3	1286	8	30'-3	1286
SLAB LONGITUDINAL TOP, AT RAIL			6b10	4	24'-4	147	4	24'-4	147	4	24'-4	147	4	24'-4	147	4	24'-4	147
SLAB LONGITUDINAL TOP, AT RAIL			7b11	8	34'-9	569	8	34'-9	569	8	34'-9	569	8	34'-9	569	8	34'-9	569
SLAB LONGITUDINAL TOP, AT RAIL			11b12	8	21'-3	904	8	21'-3	904	8	21'-3	904	8	21'-3	904	8	21'-3	904
SLAB TRANSVERSE, BOTTOM			6c1	127	32'-10	6264	127	34'-0	6486	116	32'-10	5721	104	32'-10	5129			
SLAB TRANSVERSE ENDS, BOTTOM			6c2	-	-	-	-	-	-	28	VARIES	800	52	VARIES	1426			
SLAB TRANSVERSE, TOP			5d1	127	32'-10	4350	127	34'-0	4504	116	32'-10	3973	104	32'-10	3562			
SLAB TRANSVERSE ENDS, TOP			5d2	-	-	-	-	-	-	28	VARIES	555	52	VARIES	990			
SLAB, TRANSVERSE AT ABUTMENT			8e1	20	32'-10	1754	-	-	-	-	-	-	-	-	-			
SLAB, TRANSVERSE AT ABUTMENT			8e2	-	-	-	20	33'-11	1812	20	37'-6	2003	20	45'-4	2421			
SLAB, HAIRPINS, AT ABUTMENT			6e3	72	6'-10	739	72	6'-11	748	72	7'-3	785	72	7'-11	857			
PIER CAP HOOPS			5h1	40	8'-1	338	40	8'-1	338	60	8'-1	506	60	8'-1	506			
PIER CAP ENDS			8h2	4	14'-5	154	4	14'-5	154	4	14'-5	154	4	14'-5	154			
PIER CAP, BOTTOM LONGITUDINAL			8h3	8	29'-10	638	8	30'-11	661	8	34'-5	736	8	42'-2	901			
PIER CAP, TOP LONGITUDINAL			8h4	4	32'-10	351	4	34'-0	364	4	37'-11	405	4	46'-6	497			
TOP OF SLAB, TRANSVERSE, AT RAIL			5j1	252	8'-6	2235	252	8'-6	2235	252	8'-6	2235	250	8'-6	2217			
WING, VERTICAL			5m1-4	32	SHOWN	117	32	SHOWN	117	32	SHOWN	117	32	SHOWN	117			
WING, HORIZONTAL			5n1	24	6'-8	167	24	6'-8	167	24	6'-8	167	24	6'-8	167			
PAVING SUPPORT, TRANSVERSE			5p1	30	8'-10	277	32	8'-10	295	34	8'-10	314	42	8'-10	387			
PAVING SUPPORT LONGITUDINAL			5p3	6	30'-2	189	6	31'-3	196	6	34'-10	218	6	42'-7	267			

ESTIMATED QUANTITIES FOR SUPERSTRUCTURE - 130' BRIDGE													
ITEM	SKEW	WITH MONOLITHIC PIER CAP				WITH NON-MONOLITHIC PIER CAP							
		0°	15°	30°	45°	0°	15°	30°	45°				
WITH BARRIER RAIL	*STRUCTURAL CONCRETE (BRIDGE) C.Y.	314.8	315.8	319.2	326.6	309.9	310.7	313.6	319.7				
REINFORCING STEEL	LBS.	72,375	72,879	73,491	74,400	70,894	71,362	71,690	72,342				
CONCRETE BARRIER OR OPEN RAIL	LIN. FT.	282.0	282.2	282.9	284.5	282.0	282.2	282.9	284.5				
WITH OPEN RAIL	*STRUCTURAL CONCRETE (BRIDGE) C.Y.	314.6	315.6	319.0	326.3	309.6	310.5	313.3	319.5				
REINFORCING STEEL	LBS.	72,779	73,283	73,895	74,804	71,298	71,766	72,094	72,746				
* INCLUDES 4 WINGS @ 0.71 C.Y. EACH; EXCLUDES RAIL CONCRETE.													



12-07 LATEST REVISION DATE	 APPROVED BY BRIDGE ENGINEER	 STANDARD DESIGN - 30' ROADWAY, 3 SPAN BRIDGES CONTINUOUS CONCRETE SLAB BRIDGES NOVEMBER, 2006	
		SUPERSTRUCTURE DETAILS 130'-0 BRIDGE	
		NON-EPOXY COATED REINFORCING	
		J30-15B-06	