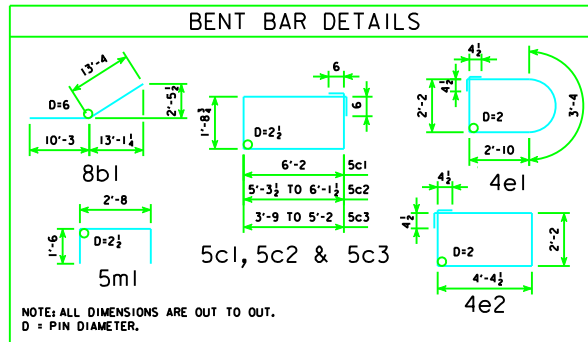




CAP																														
REINFORCING STEEL	6 - 8 ABUT. BEARINGS		138'-10			151'-4			163'-10			176'-4			188'-10			201'-4			213'-10			226'-4			243'-0			
	BAR	LENGTH	SHAPE	NO.	SIZE	WEIGHT	NO.	SIZE	WEIGHT	NO.	SIZE	WEIGHT	NO.	SIZE	WEIGHT	NO.	SIZE	WEIGHT	NO.	SIZE	WEIGHT	NO.	SIZE	WEIGHT	NO.	SIZE	WEIGHT			
	a1	44'-8"		8	9	1215	8	9	1215	8	9	1215	8	9	1215	8	9	1215	8	9	1215	8	10	1538	8	10	1538	8	11	1899
	a2	44'-8"		8	8	954	8	8	954	8	9	1215	8	9	1215	8	9	1215	8	9	1215	8	10	1538	8	10	1538	8	10	1538
	6a3	44'-8"		8	6	537	8	6	537	8	6	537	8	6	537	8	6	537	8	6	537	8	6	537	8	6	537	8	6	537
	6a4	VARIES		4	6	199	4	6	199	4	6	199	4	6	199	4	6	199	4	6	199	4	6	199	4	6	199	4	6	199
	8b1	23'-7"		8	8	504	8	8	504	8	8	504	8	8	504	8	8	504	8	8	504	8	8	504	8	8	504	8	8	504
	5c1	16'-10"		28	5	492	28	5	492	28	5	492	28	5	492	28	5	492	28	5	492	28	5	492	28	5	492	28	5	492
	5c2	VARIES		20	5	331	20	5	331	20	5	331	28	5	464	28	5	464	28	5	464	28	5	464	28	5	662	40	5	662
	5c3	VARIES		24	5	335	24	5	335	24	5	335	24	5	335	24	5	335	24	5	335	24	5	335	28	5	391	28	5	391
5m1	5'-8"		12	5	71	12	5	71	12	5	71	12	5	71	12	5	71	12	5	71	12	5	71	12	5	71	12	5	71	
5n1	2'-8"		12	5	33	12	5	33	12	5	33	12	5	33	12	5	33	12	5	33	12	5	33	12	5	33	12	5	33	
TOTAL (LB.)			4671			4671			4932			5065			5065			5388			5711			5965			6326			
STRUCTURAL CONCRETE (CY)			29.9			29.9			29.9			29.9			29.9			29.9			29.9			29.9			29.9			

COLUMN													
H IN FEET	COLUMN HEIGHT	STRUCTURAL CONCRETE (CY)	REINFORCING STEEL										
			d1 BAR	4e1 BAR	4e2 BAR								
			NO.	SIZE	LENGTH	WEIGHT	NO.	SIZE	LENGTH	WEIGHT	NO.	SIZE	LENGTH
			TOTAL WEIGHT (LB.)										
16	6'-0"	9.7	46	9	8'-9"	1369	14	4	11'-11"	111	28	4	13'-10"
17	7'-0"	11.3	46	9	9'-9"	1525	16	4	11'-11"	127	32	4	13'-10"
18	8'-0"	12.9	46	9	10'-9"	1681	18	4	11'-11"	143	36	4	13'-10"
19	9'-0"	14.6	46	9	11'-9"	1838	20	4	11'-11"	159	40	4	13'-10"
20	10'-0"	16.2	46	9	12'-9"	1994	22	4	11'-11"	175	44	4	13'-10"
21	11'-0"	17.8	46	9	13'-9"	2151	24	4	11'-11"	191	48	4	13'-10"
22	12'-0"	19.4	46	9	14'-9"	2307	26	4	11'-11"	207	52	4	13'-10"
23	13'-0"	21.0	46	9	15'-9"	2463	28	4	11'-11"	223	56	4	13'-10"
24	14'-0"	22.6	46	9	16'-9"	2620	30	4	11'-11"	239	60	4	13'-10"
25	14'-6"	23.4	46	9	17'-3"	2698	30	4	11'-11"	239	60	4	13'-10"
26	15'-6"	25.1	46	9	18'-3"	2854	32	4	11'-11"	255	64	4	13'-10"
27	16'-6"	26.7	46	9	19'-3"	3011	34	4	11'-11"	271	68	4	13'-10"
28	17'-6"	28.3	46	9	20'-3"	3167	36	4	11'-11"	287	72	4	13'-10"
29	18'-6"	29.9	46	9	21'-3"	3324	38	4	11'-11"	302	76	4	13'-10"
30	19'-6"	31.5	46	9	22'-3"	3480	40	4	11'-11"	318	80	4	13'-10"
31	20'-6"	33.1	46	9	23'-3"	3636	42	4	11'-11"	334	84	4	13'-10"
32	21'-6"	34.8	46	9	24'-3"	3793	44	4	11'-11"	350	88	4	13'-10"
33	22'-6"	36.4	46	9	25'-3"	3949	46	4	11'-11"	366	92	4	13'-10"
34	23'-6"	38.0	46	9	26'-3"	4106	48	4	11'-11"	382	96	4	13'-10"
35	24'-6"	39.6	46	9	27'-3"	4262	50	4	11'-11"	398	100	4	13'-10"
36	25'-6"	41.2	46	9	28'-3"	4418	52	4	11'-11"	414	104	4	13'-10"
37	26'-6"	42.9	46	9	29'-3"	4575	54	4	11'-11"	430	108	4	13'-10"
38	27'-6"	44.5	46	9	30'-3"	4731	56	4	11'-11"	446	112	4	13'-10"
39	28'-6"	46.1	46	9	31'-3"	4888	58	4	11'-11"	462	116	4	13'-10"
40	29'-6"	47.7	46	9	32'-3"	5044	60	4	11'-11"	478	120	4	13'-10"

PIER NOTES:

SEE "TEE PIER NOTES" ON H44-01-07 FOR NOTES REGARDING APPLICATION OF THESE PIER STANDARDS.

MINIMUM CLEAR DISTANCE FROM FACE OF CONCRETE TO NEAR REINFORCING BAR SHALL BE 2 INCHES UNLESS OTHERWISE NOTED OR SHOWN.

ELIMINATE 2x8 BEVELED KEYWAY ON TOP OF CAP FOR EXPANSION PIERS.

SEE SHEET H44-09-07 FOR "U" DIMENSION.

LATEST REVISION DATE APPROVED BY BRIDGE ENGINEER 		
	STANDARD DESIGN - 44' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES	
	HL93 SUPERSTRUCTURE MARCH, 2007	HS25 SUBSTRUCTURE
	TEE PIER CAP AND COLUMN 0° SKEW	
		H44-45-07