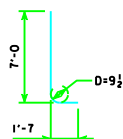


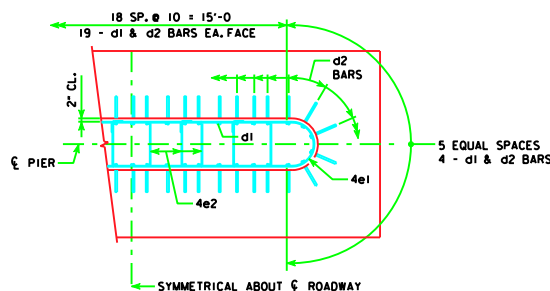
TYPICAL SECTION



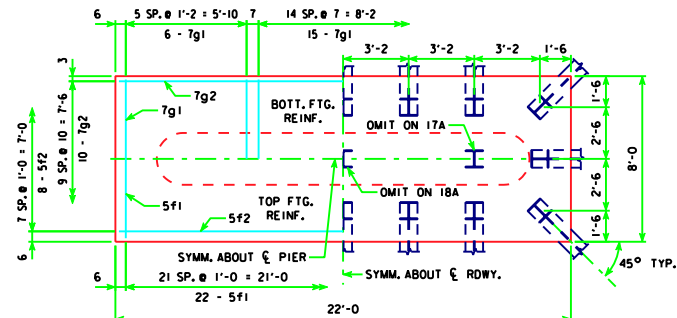
NOTE: D = PIN DIAMETER.
DIMENSIONS ARE OUT TO OUT.

H IN FT.	CL - CL ABUT. BRG.	PIILING NO. & LAYOUT	DES. BRG. (TONS)	FOOTING SIZE
18 TO 20	201'-4	17A	50	
21 TO 22	213'-10	18A	49	3'-6 x 8' x 22'
23 TO 24	226'-4	18A	50	
25 TO 26	243'-0	19A	50	
27 TO 28	201'-4	18B	48	
29 TO 30	213'-10	19B	48	3'-6 x 9' x 22'
31 TO 32	226'-4	19B	50	
33 TO 34	243'-0	20A	49	
35 TO 36	201'-4	18B	48	
37 TO 38	213'-10	19B	48	3'-6 x 9' x 22'
39 TO 40	226'-4	20A	48	
41 TO 42	243'-0	20A	50	

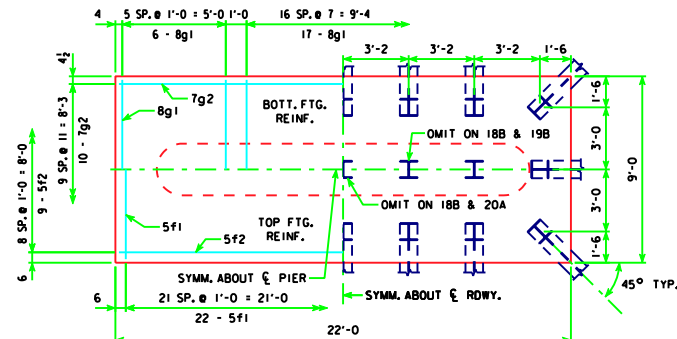
FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (L.B.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (L.B.)		
3'-6 x 8' x 22'	d2	46 - #9 AS SHOWN	8'-7	1342	2565	22.8
	f1	22 - #5 @ 1'-0	7'-8	176		
	f2	8 - #5 @ 1'-0	21'-8	181		
	g1	27 - #7 AS SHOWN	7'-8	423		
	g2	10 - #7 @ 0'-10	21'-8	443		
3'-6 x 9' x 22'	d2	46 - #9 AS SHOWN	8'-7	1342	2858	25.7
	f1	22 - #5 @ 1'-0	8'-8	199		
	f2	9 - #5 @ 1'-0	21'-8	203		
	g1	29 - #8 AS SHOWN	8'-8	671		
	g2	10 - #7 @ 0'-11	21'-8	443		



d2 BAR LAYOUT
(SEE SECTION A-A ON SHEET H44-44-07.)



3'-6 x 8'-0 x 22'-0 FOR 17A, 18A & 19A



3'-6 x 9'-0 x 22'-0 FOR 18B, 19B & 20A

FOOTING NOTES:

THESE FOOTINGS ARE DESIGNED AND DETAILED TO BE USED WITH THE CAP AND COLUMN DETAILS OF THE TEE PIERS AS SHOWN ON SHEET H44-44-07.

BATTER PILES IN EXTERIOR ROWS 1:4 IN THE DIRECTION SHOWN.

PIER PILES (HP10x57) ARE TO BE DRIVEN TO THE DESIGN BEARING VALUE.

STEEL PILING USED AS POINT BEARING SHALL HAVE A MINIMUM DISTANCE OF APPROXIMATELY 10 FEET FROM BOTTOM OF FOOTING TO TOP OF BEARING ROCK. THE PILE LAYOUTS ARE SUCH THAT THE DISTANCE CENTER TO CENTER OF ADJACENT PILING SHALL NOT EXCEED 8'-0.

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 - STEEL PILE FOOTINGS, H=16' TO 24' 0° SKEW
			H44-46-07