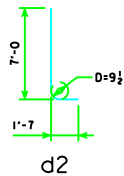
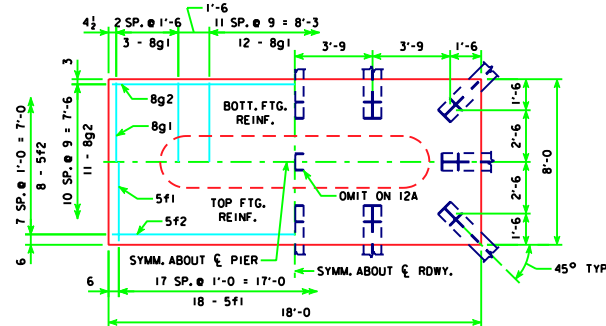


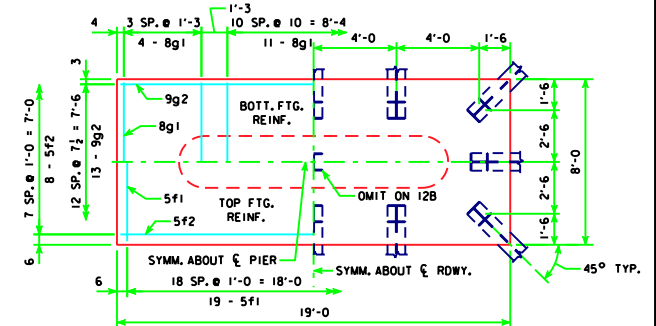
TYPICAL SECTION



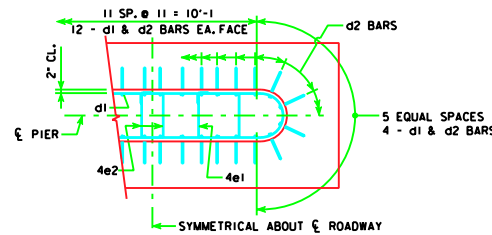
NOTE: D = PIN DIAMETER,
DIMENSIONS ARE OUT TO OUT.



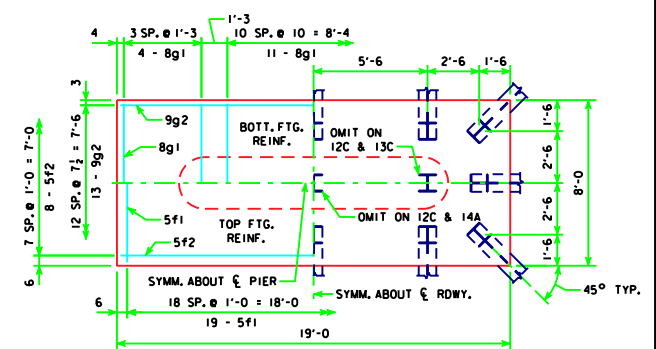
3'-6 x 8'-0 x 18'-0 FOR 12A & 13A



3'-6 x 8'-0 x 19'-0 FOR 12B & 13B



d2 BAR LAYOUT
(SEE SECTION A-A ON SHEET H30-49-06.)



3'-6 x 8'-0 x 19'-0 FOR 12C, 13C & 14A

FT. TO	CL. OF	NO. & LAYOUT	DES. BRG. (TONS)	FOOTING SIZE
201'-4	12A	47		
213'-10	12A	49		3'-6 x 8' x 18'
226'-4	12A	50		
243'-0	13A	50		
201'-4	12B	47		
213'-10	12B	49		3'-6 x 8' x 19'
226'-4	13B	49		
243'-0	13B	50		
201'-4	12C	47		
213'-10	12C	50		3'-6 x 8' x 19'
226'-4	13C	49		
243'-0	14A	48		

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 18'	d2	32 - #9 AS SHOWN	8'-7	934	2112	18.7
	f1	18 - #5 @ 1'-0	7'-8	144		
	f2	8 - #5 @ 1'-0	17'-8	147		
	g1	18 - #8 AS SHOWN	7'-8	368		
3'-6 x 8' x 19'	g2	11 - #8 @ 0'-9	17'-8	519	2456	19.7
	d2	32 - #9 AS SHOWN	8'-7	934		
	f1	19 - #5 @ 1'-0	7'-8	152		
	f2	8 - #5 @ 1'-0	18'-8	156		
	g1	19 - #8 AS SHOWN	7'-8	389		
	g2	13 - #9 @ 0'-7 1/2	18'-8	825		

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 H30-49-06.

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

PIER PILES (#P10x57) 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'-3.

LATEST REVISION DATE		STANDARD DESIGN - 30' ROADWAY, THREE SPAN BRIDGES
		PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES
		HL93 SUPERSTRUCTURE DECEMBER, 2006 HS25 SUBSTRUCTURE
		TEE PIER - STEEL PILE FOOTINGS, H=16' TO 24' 0° SKEW
 APPROVED BY BRIDGE ENGINEER		H30-50-06