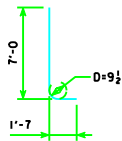
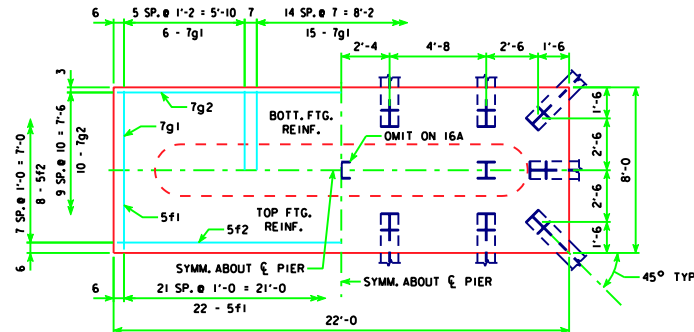


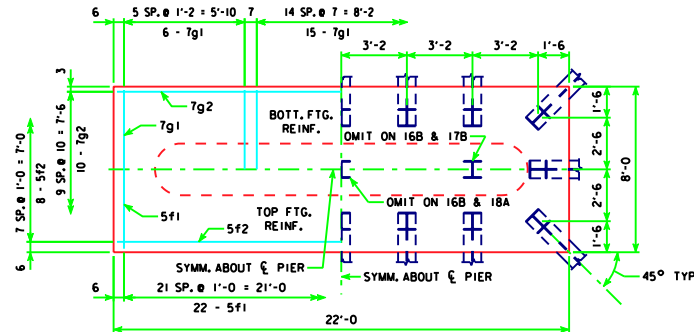
TYPICAL SECTION



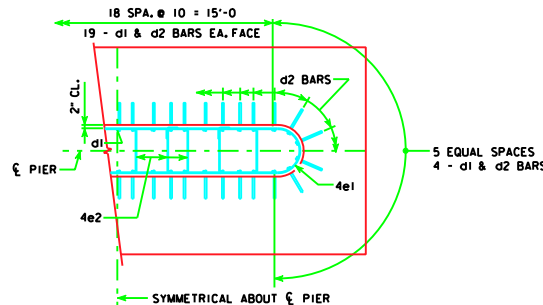
d2
NOTE: D = PIN DIAMETER.
DIMENSIONS ARE OUT TO OUT.



3'-6 x 8'-0 x 22'-0 FOR 16A & 17A



3'-6 x 8'-0 x 22'-0 FOR 16B, 17B & 18A



d2 BAR LAYOUT
(SEE SECTION A-A ON SHEET H40-59-06.)

H IN FT.	CL - CL ABUT. BRG.	NO. & LAYOUT	DES. BRG. (TONS)	FOOTING SIZE
201'-4	16A	47		
213'-10	16A	49		3'-6 x 8' x 22'
226'-4	16A	50		
243'-0	17A	50		
201'-4	16B	49		
213'-10	16B	50		3'-6 x 8' x 22'
226'-4	17B	50		
243'-0	18A	49		
201'-4	16B	49		
213'-10	17B	49		3'-6 x 8' x 22'
226'-4	18A	48		
243'-0	18A	50		

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
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		

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 H40-59-06.

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 - 40' ROADWAY, THREE SPAN BRIDGE
			PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES
			HL93 SUPERSTRUCTURE DECEMBER, 2006 HS25 SUBSTRUCTURE
			TEE PIER - STEEL PILE FOOTINGS, H=16' TO 24' 15° SKEW
			H40-61-06