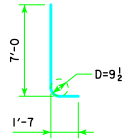


TYPICAL SECTION

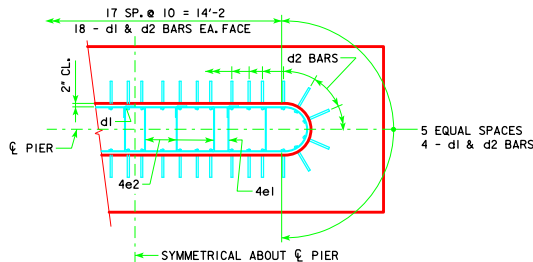


**d2**

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

H IN FT.	CL - CL ABUT. BRG.	PILING (HP10x57)		FOOTING SIZE
		NO. & LAYOUT	① LRFD P <sub>u</sub> STRENGTH I <sub>1</sub> DES. LOAD (KIPS)	
16 TO 18	201'-4	12A	142	3'-6 x 8' x 21'
	213'-10	13A	140	
	226'-4	13A	146	
	243'-0	14A	143	
16 TO 21	201'-4	13A	139	3'-6 x 8' x 21'
	213'-10	13A	144	
	226'-4	14A	141	
	243'-0	14A	146	
22 TO 24	201'-4	13B	140	3'-6 x 9' x 22'
	213'-10	13B	145	
	226'-4	14B	141	
	243'-0	14B	147	

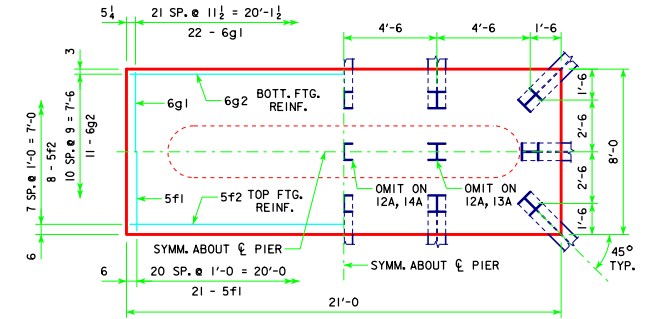
FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)			TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
3'-6 x 8' x 21'	d2 44 - #9 AS SHOWN	8'-7	1284	2218	21.8
	f1 21 - #5 @ 1'-0	7'-8	168		
	f2 8 - #5 @ 1'-0	20'-8	172		
	g1 22 - #6 @ 0'-11 1/2	7'-8	253		
	g2 11 - #6 @ 0'-9	20'-8	341		
3'-6 x 9' x 22'	d2 44 - #9 AS SHOWN	8'-7	1284	2624	25.7
	f1 22 - #5 @ 1'-0	8'-8	199		
	f2 9 - #5 @ 1'-0	21'-8	203		
	g1 23 - #7 @ 0'-11 1/2	8'-8	407		
	g2 12 - #7 @ 0'-9	21'-8	531		



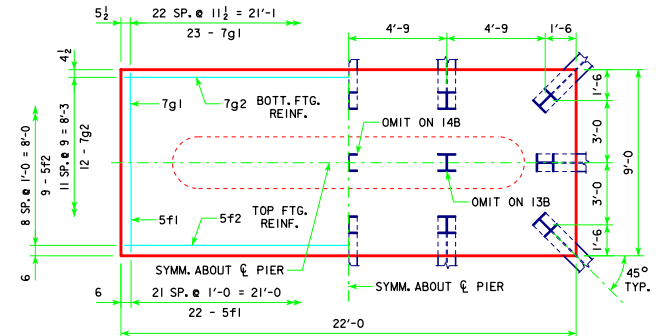
**d2 BAR LAYOUT**

(SEE SECTION A-A ON SHEET H24-57-06.)

① NOTE: P<sub>u</sub>, STRENGTH I DESIGN LOAD (KIPS) IS NOT THE VALUE USED IN THE FIELD FOR DRIVING PILES.



3'-6 x 8'-0 x 21'-0 FOR 12A, 13A & 14A



3'-6 x 9'-0 x 22'-0 FOR 13B & 14B

**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 H24-57-06.

BATTER PILES IN EXTERIOR ROWS I4 IN THE DIRECTION SHOWN.

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.

PIER PILES SHALL BE DRIVEN TO VALUES SHOWN IN DESIGN PLANS.

05-13 LATEST REVISION DATE	 APPROVED BY BRIDGE ENGINEER	 STANDARD DESIGN - 24' ROADWAY, THREE SPAN BRIDGE <b>PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES</b> DECEMBER, 2006	<b>H24-58-06</b>

REVISED 05-13 - REVISION FOR LRFD PILE DESIGN.