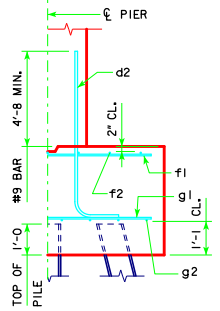
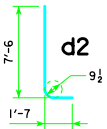


REVISED 05-13 - REVISION FOR LRFD PILE DESIGN.



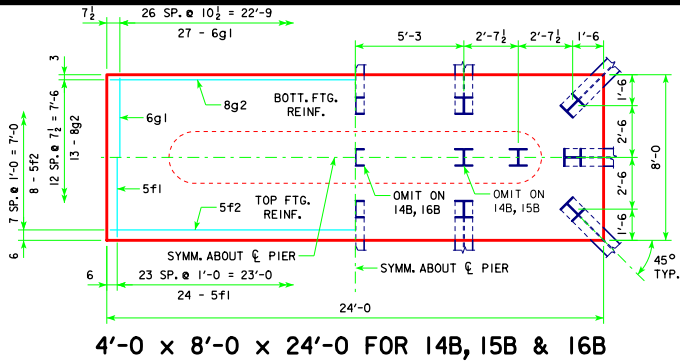
TYPICAL SECTION



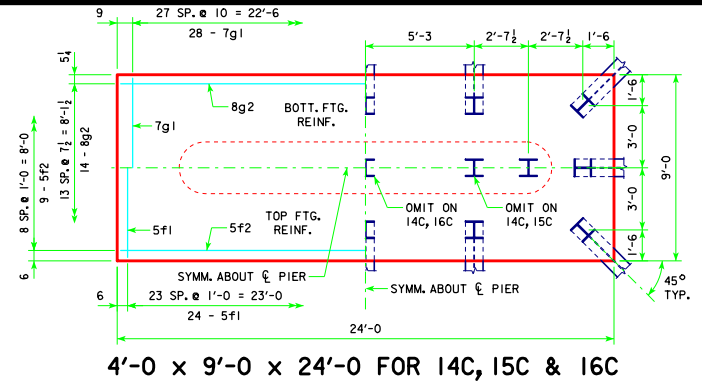
NOTE: D = PIN DIAMETER.
DIMENSIONS ARE OUT TO OUT.

H IN FT.	C - ABUT. BRG.	C - P BRG.	PILING (HP10x57)		FOOTING SIZE
			NO. & LAYOUT	(1) LRFD PU, STRENGTH I DES. LOAD (KIPS)	
201'-4 TO 213'-10	14B	14B	201'-4	209	4' x 8' x 24'
			213'-10	217	
			226'-4	217	
226'-4 TO 243'-0	15B	16B	226'-4	213	4' x 8' x 24'
			243'-0	213	
			243'-0	216	
201'-4 TO 213'-10	14C	15C	201'-4	213	4' x 9' x 24'
			213'-10	211	
			226'-4	208	
226'-4 TO 243'-0	16C	16C	226'-4	208	4' x 9' x 24'
			243'-0	215	
			243'-0	215	
201'-4 TO 213'-10	14D	15D	201'-4	213	4' x 10' x 24'
			213'-10	211	
			226'-4	208	
226'-4 TO 243'-0	16D	16D	226'-4	215	4' x 10' x 24'
			243'-0	215	
			243'-0	219	

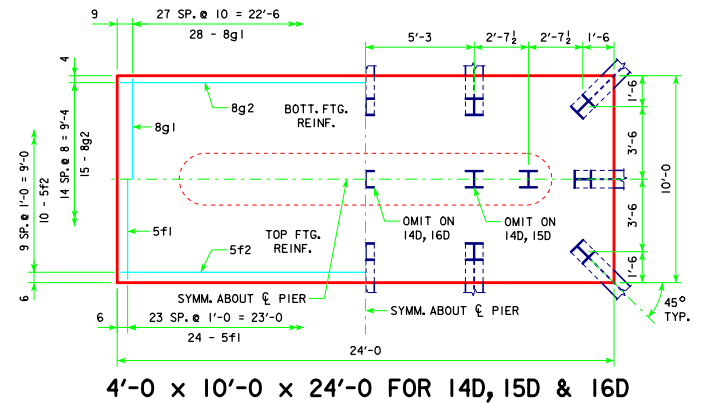
FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
4' x 8' x 24'	d2	46 - #9 AS SHOWN	9'-1	1421	2942	28.4
	f1	24 - #5 @ 1'-0	7'-8	192		
	f2	8 - #5 @ 1'-0	23'-8	197		
	g1	27 - #6 @ 0'-10 1/2	7'-8	311		
	g2	13 - #8 @ 0'-7 1/2	23'-8	821		
	d2	46 - #9 AS SHOWN	9'-1	1421		
4' x 9' x 24'	f1	24 - #5 @ 1'-0	8'-8	217	3241	32.0
	f2	9 - #5 @ 1'-0	23'-8	222		
	g1	28 - #7 @ 0'-10	8'-8	496		
	g2	14 - #8 @ 0'-7 1/2	23'-8	885		
	d2	46 - #9 AS SHOWN	9'-1	1421		
	f1	24 - #5 @ 1'-0	9'-8	247		
4' x 10' x 24'	f2	10 - #5 @ 1'-0	23'-8	242	3581	35.6
	g1	28 - #8 @ 0'-10	9'-8	723		
	g2	15 - #8 @ 0'-8	23'-8	948		



4'-0 x 8'-0 x 24'-0 FOR 14B, 15B & 16B



4'-0 x 9'-0 x 24'-0 FOR 14C, 15C & 16C



4'-0 x 10'-0 x 24'-0 FOR 14D, 15D & 16D

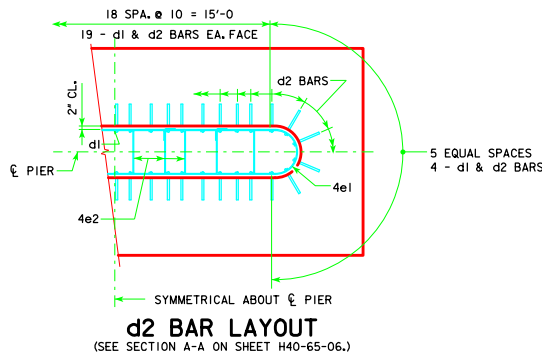
FOOTING NOTES:

THESE FOOTINGS ARE DESIGNED AND DETAILED TO BE USED WITH THE CAP AND COLUMN DETAILS OF THE TEE PIERS AS SHOWN ON SHEET H40-65-06.

BATTER PILES IN EXTERIOR ROWS 1/4 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.



d2 BAR LAYOUT
(SEE SECTION A-A ON SHEET H40-65-06.)

(1) NOTE: PU, STRENGTH I DESIGN LOAD (KIPS) IS NOT THE VALUE USED IN THE FIELD FOR DRIVING PILES.

LATEST REVISION DATE 05-13	 APPROVED BY BRIDGE ENGINEER	 STANDARD DESIGN - 40' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES AUGUST, 2009	TEE PIER-HP10x57 SRL-2 STEEL PILE FOOTINGS 15° SKEW - H-25' TO 40'	H40-70-06