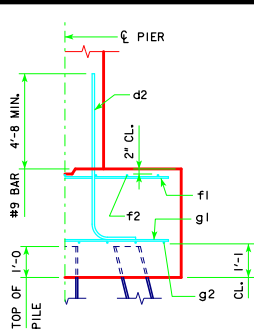
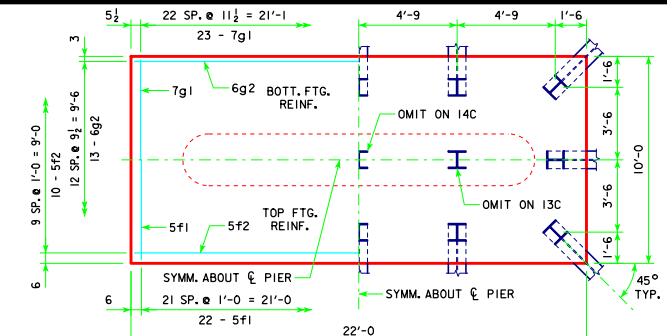


REVISED 05-13 - REVISION FOR LRFD PILE DESIGN.

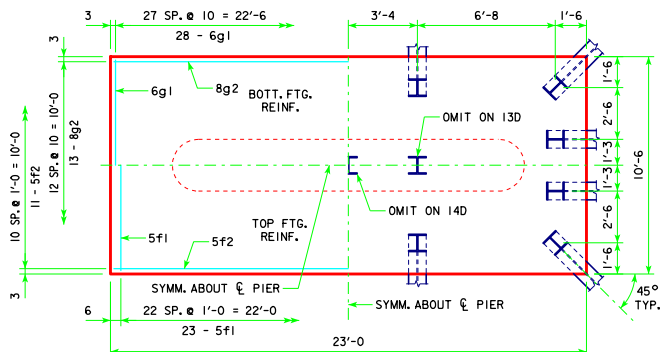


TYPICAL SECTION

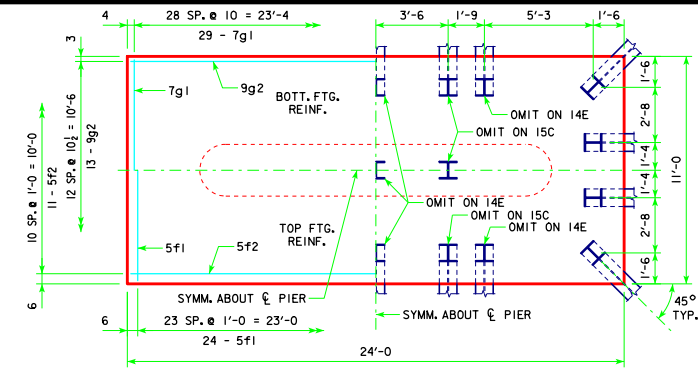
H IN. FT.	CL - CL ABUT. BRG.	PILING (HP10x57)		FOOTING SIZE
		NO. & LAYOUT	(1) LRFD P _u STRENGTH I _s DES. LOAD (KIPS)	
201'-4	13C	144		4' x 10' x 22'
213'-10	14C	138		
226'-4	14C	142		
243'-0	15A	141		4' x 10'-6 x 23'
201'-4	13D	145		
213'-10	14D	143		
226'-4	15B	141		4' x 11' x 24'
243'-0	15B	146		
201'-4	14E	142		
213'-10	14E	146		4' x 11' x 24'
226'-4	15C	137		
243'-0	15C	142		
201'-4	15C	137		4' x 12' x 25'
213'-10	15C	140		
226'-4	15C	142		
243'-0	15C	146		
201'-4	15D	142		4' x 12' x 25'
213'-10	15D	145		
226'-4	16A	140		
243'-0	16A	143		



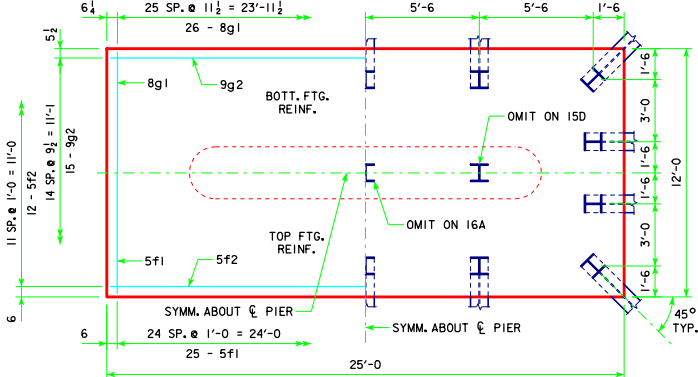
4'-0 x 10'-0 x 22'-0 FOR 13C, 14C & 15A



4'-0 x 10'-6 x 23'-0 FOR 13D, 14D & 15B



4'-0 x 11'-0 x 24'-0 FOR 14E & 15C



4'-0 x 12'-0 x 25'-0 FOR 15D & 16A

FOOTING NOTES:

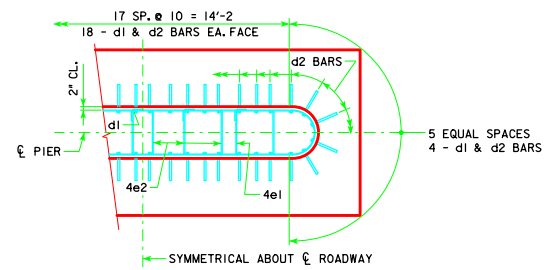
THESE FOOTINGS ARE DESIGNED AND DETAILED TO BE USED WITH THE CAP AND COLUMN DETAILS OF THE TEE PIERS AS SHOWN ON SHEET H24-50-06.

BATTER PILES IN EXTERIOR ROWS I₁4 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.

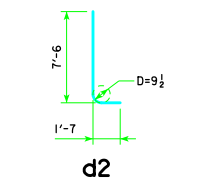
FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
4' x 10' x 22'	d2	44 - #9 AS SHOWN	9'-1	1359	2684	32.6
	f1	22 - #5 @ 1'-0	9'-8	222		
	f2	10 - #5 @ 1'-0	21'-8	226		
	g1	23 - #7 @ 0'-11 1/2	9'-8	454		
	g2	13 - #6 @ 0'-9 1/2	21'-8	423		
4' x 10'-6 x 23'	d2	44 - #9 AS SHOWN	9'-1	1359	3078	35.8
	f1	23 - #5 @ 1'-0	10'-2	244		
	f2	11 - #5 @ 1'-0	22'-8	260		
	g1	28 - #6 @ 0'-10	10'-2	428		
	g2	13 - #8 @ 0'-10	22'-8	787		
4' x 11' x 24'	d2	44 - #9 AS SHOWN	9'-1	1359	3576	39.1
	f1	24 - #5 @ 1'-0	10'-8	267		
	f2	11 - #5 @ 1'-0	23'-8	272		
	g1	29 - #7 @ 0'-10	10'-8	632		
	g2	13 - #9 @ 0'-10 1/2	23'-8	1046		
4' x 12' x 25'	d2	44 - #9 AS SHOWN	9'-1	1359	4040	44.4
	f1	25 - #5 @ 1'-0	11'-8	304		
	f2	12 - #5 @ 1'-0	24'-8	309		
	g1	26 - #8 @ 0'-11 1/2	11'-8	810		
	g2	15 - #9 @ 0'-9 1/2	24'-8	1258		



d2 BAR LAYOUT

(SEE SECTION A-A ON SHEET H24-50-06.)

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



d2

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

05-13 LATEST REVISION DATE <i>Thomas E. McQuill</i> APPROVED BY BRIDGE ENGINEER	
	STANDARD DESIGN - 24' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES DECEMBER, 2006
TEE PIER-HP10x57 SRL-1 STEEL PILE FOOTINGS 0° SKEW - H=25' TO 40'	H24-52-06