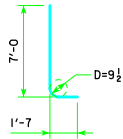


TYPICAL SECTION

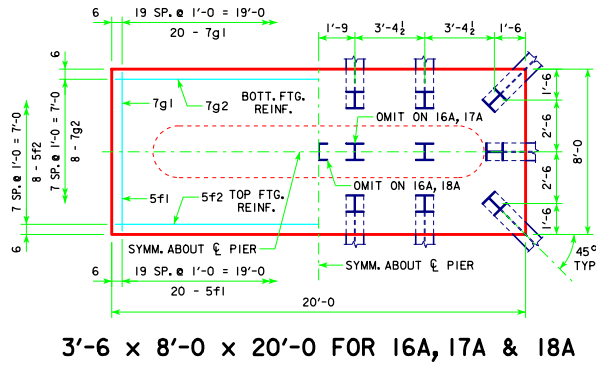


d2

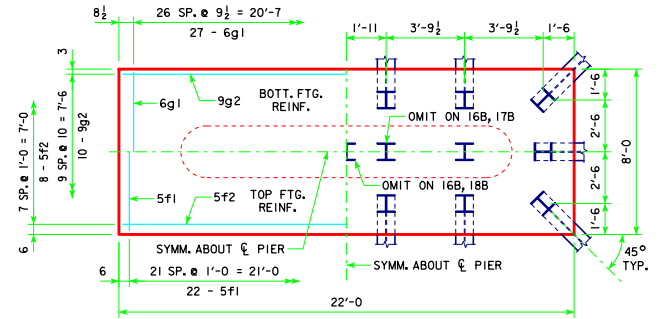
NOTE: D = PIN DIAMETER.
DIMENSIONS ARE OUT TO OUT.

H IN FT.	CL - CL ABUT. BRG.	PILING (HP10x57)		FOOTING SIZE
		NO. & LAYOUT	(1) LRFD P _u STRENGTH I DES. LOAD (KIPS)	
18	201'-4	16A	138	3'-6 x 8' x 20'
	213'-10	16A	143	
	226'-4	17A	144	
16 TO 18	243'-0	18A	144	3'-6 x 8' x 22'
	201'-4	16B	140	
	213'-10	16B	145	
21	226'-4	17B	145	3'-6 x 8' x 22'
	243'-0	18B	145	
	201'-4	16C	141	
19 TO 21	213'-10	16C	146	3'-6 x 9' x 22'
	226'-4	17C	146	
	243'-0	18C	146	

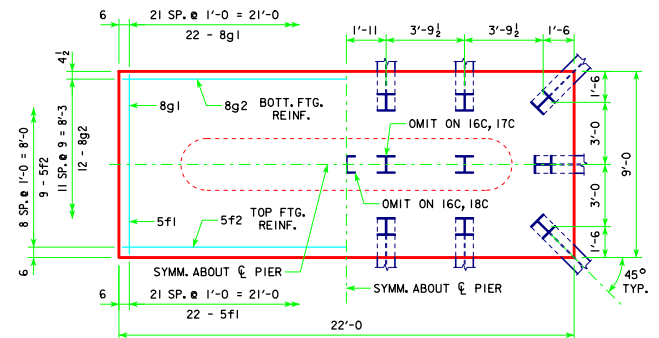
FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
3'-6 x 8' x 20'	d2	40 - #9 AS SHOWN	8'-7	1167	2126	20.7
	f1	20 - #5 @ 1'-0	7'-8	160		
	f2	8 - #5 @ 1'-0	13'-8	164		
	g1	20 - #7 @ 1'-0	7'-8	313		
	g2	8 - #7 @ 1'-0	13'-8	322		
3'-6 x 8' x 22'	d2	40 - #9 AS SHOWN	8'-7	1167	2572	22.8
	f1	22 - #5 @ 1'-0	7'-8	176		
	f2	8 - #5 @ 1'-0	21'-8	181		
	g1	27 - #6 @ 0'-9	7'-8	311		
	g2	10 - #9 @ 0'-10	21'-8	737		
3'-6 x 9' x 22'	d2	40 - #9 AS SHOWN	8'-7	1167	2772	25.7
	f1	22 - #5 @ 1'-0	8'-8	199		
	f2	9 - #5 @ 1'-0	21'-8	203		
	g1	22 - #8 @ 1'-0	8'-8	509		
	g2	12 - #8 @ 0'-9	21'-8	694		



3'-6 x 8'-0 x 20'-0 FOR 16A, 17A & 18A



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



3'-6 x 9'-0 x 22'-0 FOR 16C, 17C & 18C

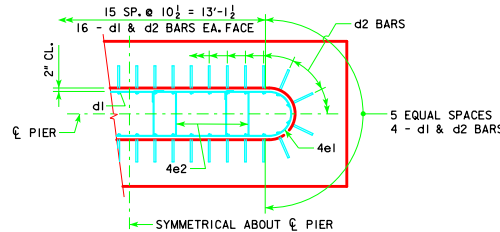
FOOTING NOTES:

THESE FOOTINGS ARE DESIGNED AND DETAILED TO BE USED WITH THE CAP AND COLUMN DETAILS OF THE TEE PIERS AS SHOWN ON SHEET H30-57-06.

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 H30-64-06.)

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

REVISED 04-13 -- REVISION FOR LRFD PILE DESIGN.

04-13 LATEST REVISION DATE	<i>Thomas E. M. ...</i> APPROVED BY BRIDGE ENGINEER		STANDARD DESIGN - 30' ROADWAY, THREE SPAN BRIDGES
			<p>PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES</p> <p>DECEMBER, 2006</p>
<p>TEE PIER-HP10x57 SRL-1 STEEL PILE FOOTINGS</p> <p>15° SKEW - H=16' to 24'</p>		<p>H30-65-06</p>	