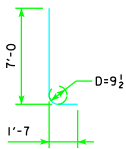


TYPICAL SECTION

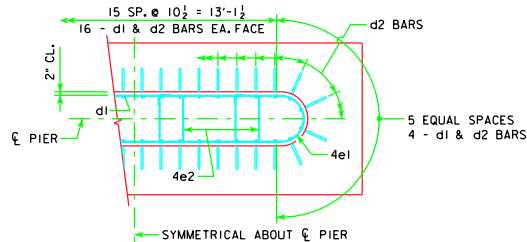


d2

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

H IN FT.	CL - CL ABUT. BRG.	PILING (HP10x57)		FOOTING SIZE
		NO. & LAYOUT	DES. BRG. (TONS)	
18 TO 21	201'-4	10A	73	3'-6 x 8' x 20'
	213'-10	10A	75	
	226'-4	11A	74	
	243'-0	12A	71	
21 TO 24	201'-4	10A	75	3'-6 x 8' x 20'
	213'-10	11A	73	
	226'-4	11A	75	
	243'-0	12A	73	
24 TO 27	201'-4	10B	75	3'-6 x 9' x 20'
	213'-10	11B	73	
	226'-4	12B	70	
	243'-0	12B	73	

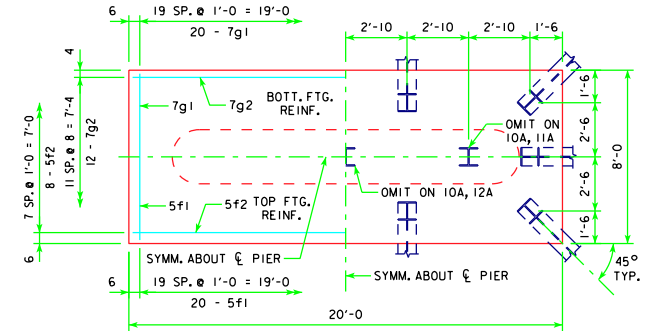
FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
3'-6 x 8' x 20'	d2	40 - #9 AS SHOWN	8'-7	1167	2286	20.7
	f1	20 - #5 @ 1'-0	7'-8	160		
	f2	8 - #5 @ 1'-0	19'-8	164		
	g1	20 - #7 @ 1'-0	7'-8	313		
	g2	12 - #7 @ 0'-8	19'-8	482		
	d2	40 - #9 AS SHOWN	8'-7	1167		
3'-6 x 9' x 20'	f1	20 - #5 @ 1'-0	8'-8	181	2501	23.3
	f2	9 - #5 @ 1'-0	19'-8	185		
	g1	21 - #8 @ 0'-11 1/2	8'-8	486		
	g2	12 - #7 @ 0'-9	19'-8	482		



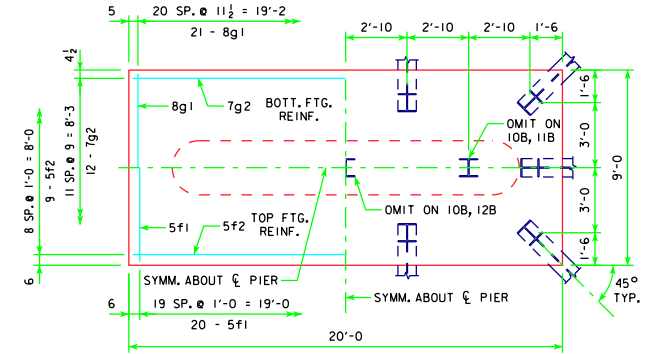
d2 BAR LAYOUT

(SEE SECTION A-A ON SHEET H30-64-06.)

- FOR DETERMINING ACTUAL PILE LENGTHS IN FIELD.
- FOR ESTIMATING PILE LENGTHS USING AASHTO LRFD SPECIFICATIONS.



3'-6 x 8'-0 x 20'-0 FOR 10A, 11A & 12A



3'-6 x 9'-0 x 20'-0 FOR 10B, 11B & 12B

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 H30-64-06.

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.

LATEST REVISION DATE	APPROVED BY BRIDGE ENGINEER		
		STANDARD DESIGN - 30' ROADWAY, THREE SPAN BRIDGES PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES DECEMBER, 2006	
		TEE PIER - 75 TON STEEL PILE FOOTINGS 15° SKEW - H=16' to 24'	H30-67-06