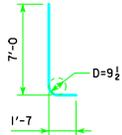


TYPICAL SECTION



d2

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

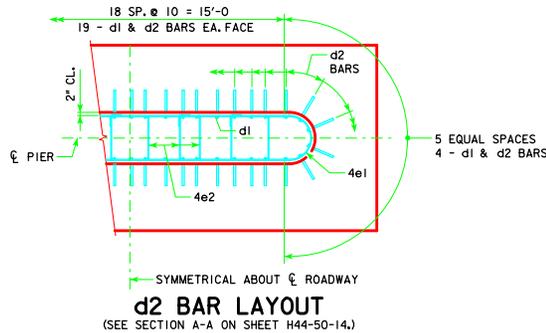
NOTE: THE REINFORCING STEEL QUANTITY IS TO BE INCLUDED ON THE SUMMARY QUANTITIES SHEET IN THE PLAN.

NOTE: THE CONCRETE QUANTITY IS TO BE INCLUDED ON THE SUMMARY QUANTITIES SHEET IN THE PLAN.

NOTE: THE PILE TYPE IS TO BE INCLUDED ON THE SUMMARY QUANTITIES SHEET IN THE PLAN.

H IN FT.	CL - CL ABUT. BRG.	PILING (HP10x57)		FOOTING SIZE
		NO. & LAYOUT	LRFD PU, STRENGTH I DES. BRG. (KIPS)	
18 TO 16	201'-4	21A	145	3'-6 x 10' x 24'
	213'-10	22A	141	
	226'-4	23A	144	
	243'-0	24A	145	
16 TO 14	201'-4	22A	138	3'-6 x 10' x 24'
	213'-10	22A	144	
	226'-4	23A	146	
	243'-0	25A	143	
14 TO 12	201'-4	22A	140	3'-6 x 10' x 24'
	213'-10	22A	146	
	226'-4	24A	143	
	243'-0	25A	145	

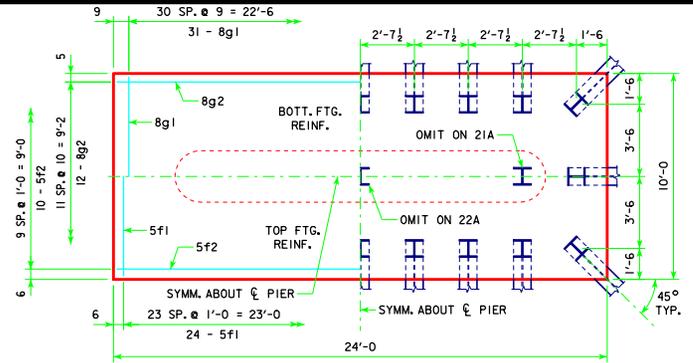
FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
3'-6 x 10' x 24'	d2	46 - #9 AS SHOWN	8'-7	1342	3389	31.1
	f1	24 - #5 @ 1'-0	9'-8	242		
	f2	10 - #5 @ 1'-0	23'-8	247		
	g1	31 - #8 @ 0'-9	9'-8	800		
	g2	12 - #8 @ 0'-10	23'-8	758		



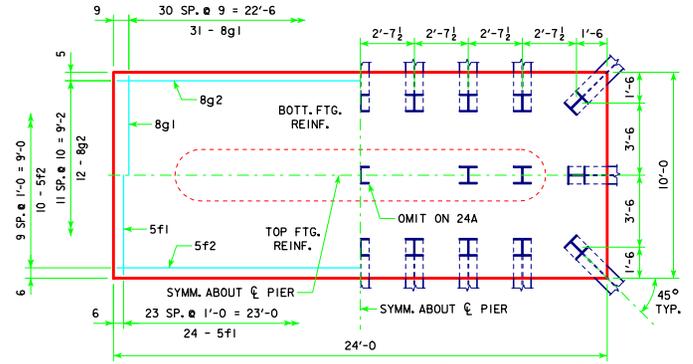
d2 BAR LAYOUT

(SEE SECTION A-A ON SHEET H44-50-14.)

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



3'-6 x 10'-0 x 24'-0 FOR 21A, 22A & 23A



3'-6 x 10'-0 x 24'-0 FOR 24A & 25A

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 H44-50-14.

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.

LATEST REVISION DATE	APPROVED BY BRIDGE ENGINEER		H44-52-14	
		STANDARD DESIGN - 44' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES SEPTEMBER, 2014		
		TEE PIER-HP10x57 SRL-1 STEEL PILE FOOTINGS 0° SKEW - H=16' TO 24'		