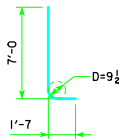


TYPICAL SECTION



d2

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

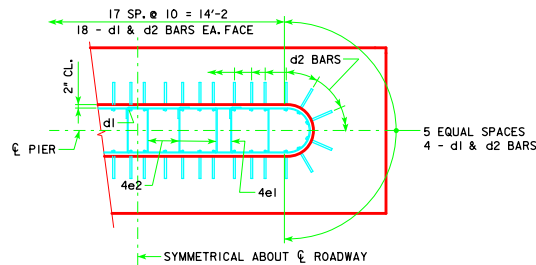
NOTE: THE REINFORCING STEEL QUANTITY IS TO BE INCLUDED ON THE SUMMARY QUANTITIES SHEET IN THE PLAN.

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	① LRFD PU, STRENGTH I DES. LOAD (KIPS)	
18 TO 21	201'-4	19A	145	3'-6 x 9' x 23'
	213'-10	20A	141	
	226'-4	21A	144	
	243'-0	22A	144	
21 TO 24	201'-4	20A	139	3'-6 x 9' x 23'
	213'-10	20A	144	
	226'-4	21A	146	
	243'-0	23A	143	
22 TO 24	201'-4	20A	141	3'-6 x 9' x 23'
	213'-10	20A	146	
	226'-4	22A	143	
	243'-0	23A	145	

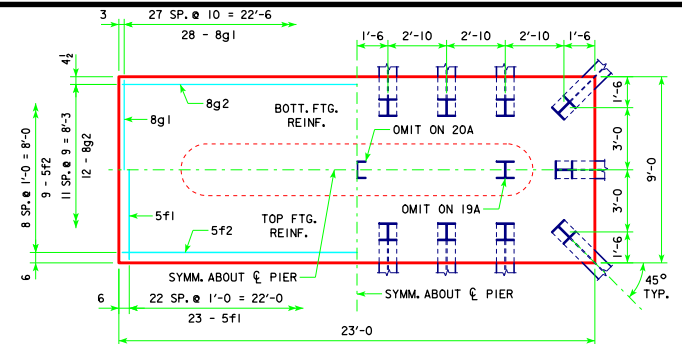
FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
3'-6 x 9' x 23'	d2	44 - #9 AS SHOWN	8'-7	1284	3079	26.8
	f1	23 - #5 @ 1'-0	8'-8	208		
	f2	9 - #5 @ 1'-0	22'-8	213		
	g1	28 - #8 @ 0'-10	8'-8	648		
	g2	12 - #8 @ 0'-9	22'-8	726		



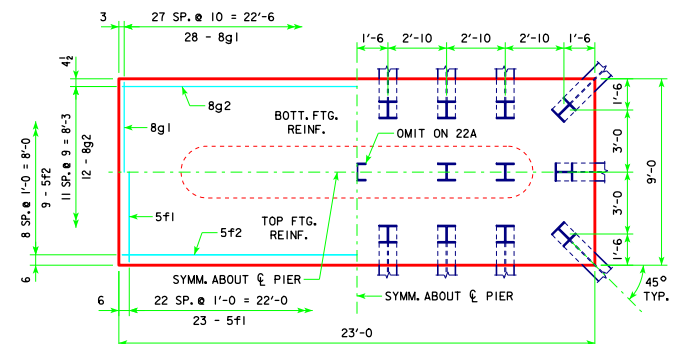
d2 BAR LAYOUT

(SEE SECTION A-A ON SHEET H40-57-14.)

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



3'-6 x 9'-0 x 23'-0 FOR 19A, 20A & 21A



3'-6 x 9'-0 x 23'-0 FOR 22A & 23A

LATEST REVISION DATE	 APPROVED BY BRIDGE ENGINEER	 STANDARD DESIGN - 40' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES SEPTEMBER, 2014	H40-59-14
		TEE PIER-HP10x57 SRL-1 STEEL PILE FOOTINGS 0° SKEW - H=16' TO 24'	