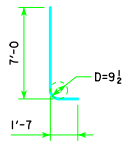
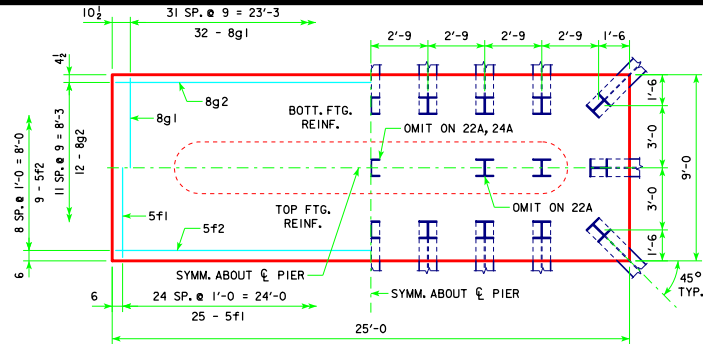


TYPICAL SECTION

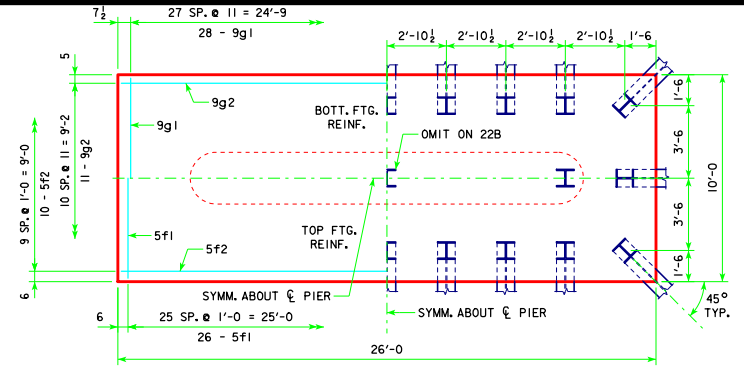


d2

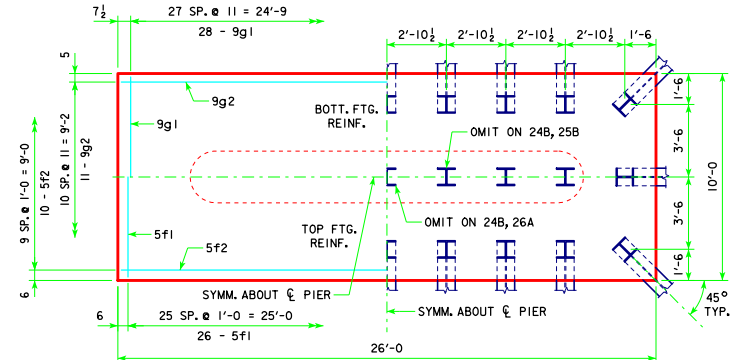
NOTE: D = PIN DIAMETER. DIMENSIONS ARE OUT TO OUT.



3'-6 x 9'-0 x 25'-0 FOR 22A, 24A & 25A



3'-6 x 10'-0 x 26'-0 FOR 22B & 23A



3'-6 x 10'-0 x 26'-0 FOR 24B, 25B & 26A

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 H44-58-14.

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.

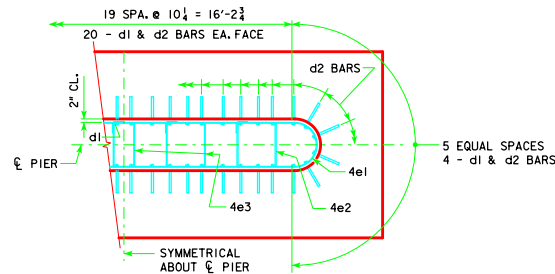
NOTE: THE REINFORCING STEEL QUANTITY IS TO BE INCLUDED ON THE SUMMARY QUANTITIES SHEET IN THE PLAN.

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 LFRD PU STRENGTH I DES. BRG. (KIPS)	
18	201'-4	22A	140	3'-6 x 9' x 25'
	213'-10	22A	146	
	226'-4	24A	143	
16 TO 18	243'-0	25A	145	3'-6 x 10' x 26'
	201'-4	22B	140	
19 TO 21	213'-10	22B	146	3'-6 x 10' x 26'
	226'-4	24B	142	
	243'-0	25B	145	
23 TO 24	201'-4	22B	143	3'-6 x 10' x 26'
	213'-10	23A	144	
	226'-4	24B	145	
23 TO 24	243'-0	26A	143	

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)	
3'-6 x 9' x 25'	d2	48 - #9 AS SHOWN	8'-7	1401	3389
	f1	25 - #5 @ 1'-0	8'-8	226	
	f2	9 - #5 @ 1'-0	24'-8	232	
	g1	32 - #8 @ 0'-9	8'-8	740	
	g2	12 - #8 @ 0'-9	24'-8	790	
3'-6 x 10' x 26'	d2	48 - #9 AS SHOWN	8'-7	1401	3811
	f1	26 - #5 @ 1'-0	9'-8	262	
	f2	10 - #5 @ 1'-0	25'-8	268	
	g1	28 - #9 @ 0'-11	9'-8	920	
	g2	11 - #9 @ 0'-11	25'-8	960	



d2 BAR LAYOUT
(SEE SECTION A-A ON SHEET H44-58-14.)

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

LATEST REVISION DATE	 STANDARD DESIGN - 44' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES SEPTEMBER, 2014	H44-60-14
	APPROVED BY BRIDGE ENGINEER THOMAS E. M. DONNELL	
	TEE PIER-HP10x57 SRL-1 STEEL PILE FOOTINGS 15° SKEW - H=16' TO 24'	