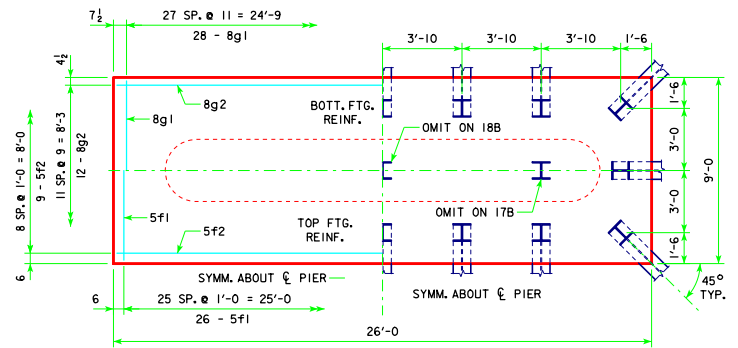
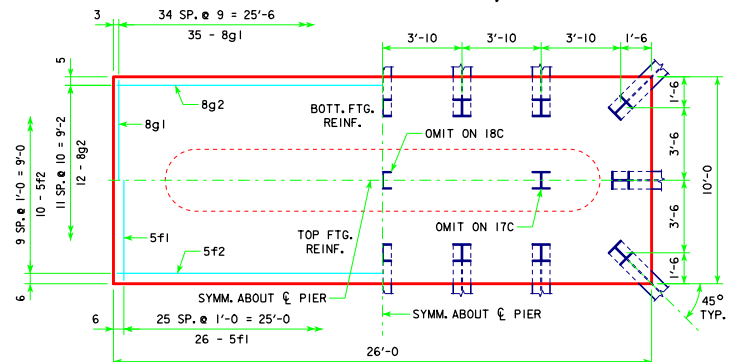


4'-0 x 9'-0 x 26'-0 FOR 16B



4'-0 x 9'-0 x 26'-0 FOR 17B, 18B & 19A



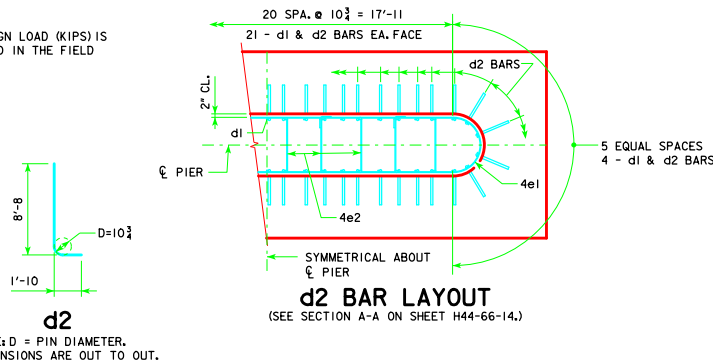
4'-0 x 10'-0 x 26'-0 FOR 17C, 18C & 19B

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.	C - C ABUT. BRG.	PILING (HP10x57)		FOOTING SIZE
		NO. & LAYOUT	(1) LRFD PU, STRENGTH I DES. BRG. (KIPS)	
21 TO 24	201'-4	16B	212	4' x 9' x 26'
	213'-10	17B	210	
	226'-4	17B	219	
	243'-0	18B	213	
25 TO 28	201'-4	16B	216	4' x 9' x 26'
	213'-10	17B	214	
	226'-4	18B	209	
	243'-0	18B	216	
29 TO 32	201'-4	17B	210	4' x 9' x 26'
	213'-10	17B	217	
	226'-4	18B	212	
	243'-0	19A	213	
33 TO 36	201'-4	17C	212	4' x 10' x 26'
	213'-10	17C	219	
	226'-4	18C	213	
	243'-0	19B	214	
37 TO 40	201'-4	17C	216	4' x 10' x 26'
	213'-10	18C	209	
	226'-4	18C	218	
	243'-0	19B	218	

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

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)			TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
4' x 9' x 26'	d2 50 - #10 AS SHOWN	10'-6	2259	4205	34.7
	f1 26 - #5 @ 1'-0	8'-8	235		
	f2 9 - #5 @ 1'-0	25'-8	241		
	g1 28 - #8 @ 0'-11	8'-8	648		
	g2 12 - #8 @ 0'-9	25'-8	822		
	d2 50 - #10 AS SHOWN	10'-6	2259		
4' x 10' x 26'	f1 26 - #5 @ 1'-0	9'-8	262	4514	38.5
	f2 10 - #5 @ 1'-0	25'-8	268		
	g1 35 - #8 @ 0'-9	9'-8	903		
	g2 12 - #8 @ 0'-10	25'-8	822		



**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 H44-66-14.

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		STANDARD DESIGN - 44' ROADWAY, THREE SPAN BRIDGE
			<b>PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES</b> SEPTEMBER, 2014
			<b>TEE PIER-HP10x57 SRL-2 STEEL PILE FOOTINGS</b>
		30° SKEW - H=25' TO 40'	<b>H44-71-14</b>