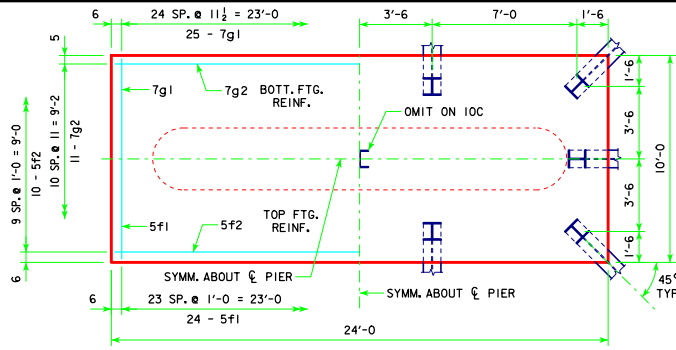
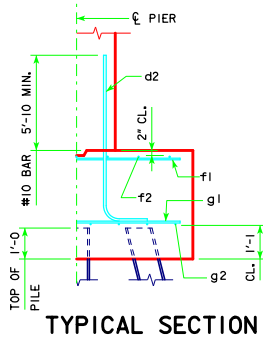
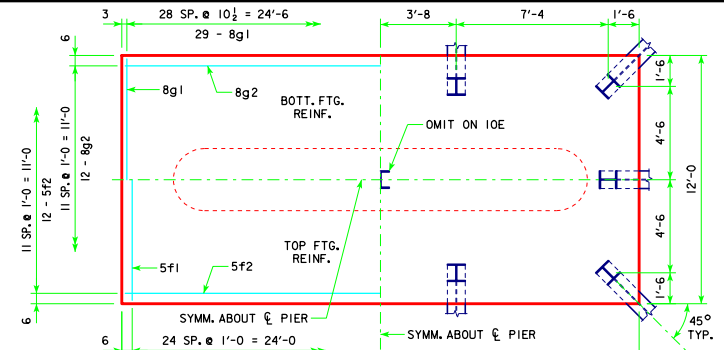


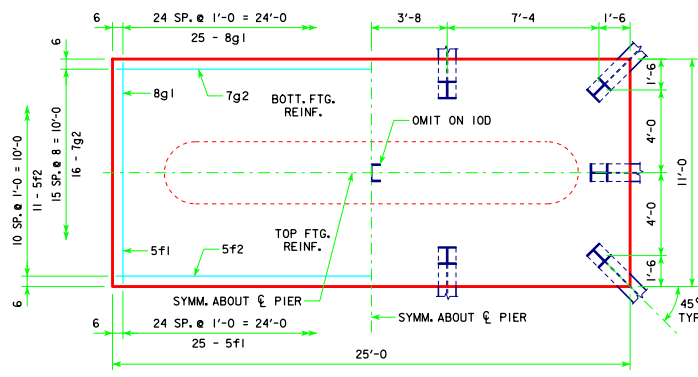
REVISED 05-13 - REVISION FOR LRFD PILE DESIGN.



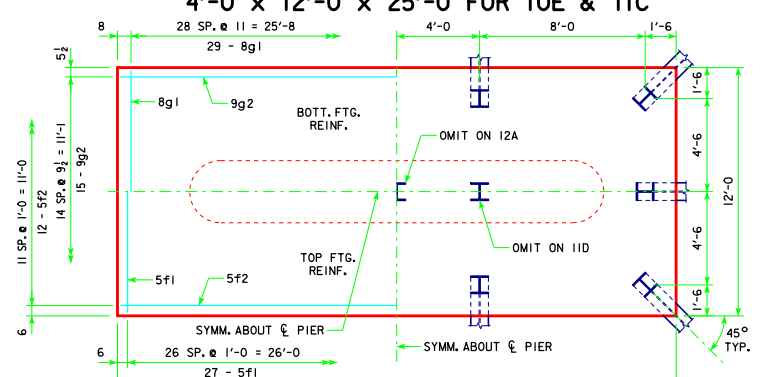
4'-0 x 10'-0 x 24'-0 FOR 10C & 11A



4'-0 x 12'-0 x 25'-0 FOR 10E & 11C



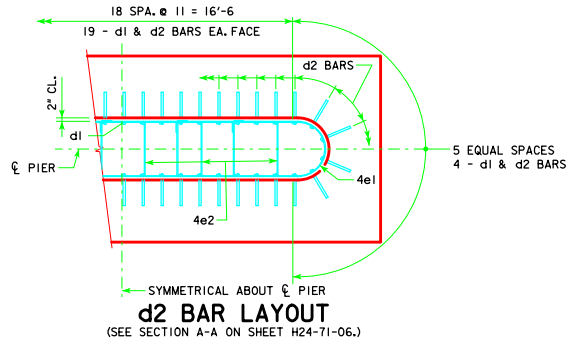
4'-0 x 11'-0 x 25'-0 FOR 10D & 11B



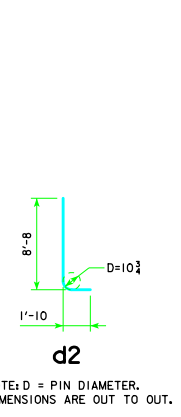
4'-0 x 12'-0 x 27'-0 FOR 11D & 12A

PILING (HP10x57)	PILING (HP10x57)		FOOTING SIZE
	CL. - CL. ABUT. BRG.	NO. & LAYOUT	
201'-4	10C	196	4' x 10' x 24'
213'-10	10C	203	
226'-4	10C	211	
243'-0	10C	218	
201'-4	10C	202	4' x 10' x 24'
213'-10	10C	208	
226'-4	10C	216	
243'-0	11A	210	
201'-4	10D	206	4' x 11' x 25'
213'-10	10D	212	
226'-4	10D	219	
243'-0	11B	213	
201'-4	10E	214	4' x 12' x 25'
213'-10	10E	220	
226'-4	11C	214	
243'-0	11C	218	
201'-4	11D	210	4' x 12' x 27'
213'-10	11D	215	
226'-4	12A	208	
243'-0	12A	211	

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)			TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
4' x 10' x 24'	d2 46 - #10 AS SHOWN	10'-6	2078	3593	35.6
	f1 24 - #5 @ 1'-0	9'-8	242		
	f2 10 - #5 @ 1'-0	23'-8	247		
	g1 25 - #7 @ 0'-11 1/2	9'-8	494		
	g2 11 - #7 @ 0'-11	23'-8	532		
4' x 11' x 25'	d2 46 - #10 AS SHOWN	10'-6	2078	4158	40.7
	f1 25 - #5 @ 1'-0	10'-8	278		
	f2 11 - #5 @ 1'-0	24'-8	283		
	g1 25 - #8 @ 1'-0	10'-8	712		
	g2 15 - #7 @ 0'-8	24'-8	807		
4' x 12' x 25'	d2 46 - #10 AS SHOWN	10'-6	2078	4384	44.4
	f1 25 - #5 @ 1'-0	11'-8	304		
	f2 12 - #5 @ 1'-0	24'-8	309		
	g1 29 - #8 @ 0'-10 1/2	11'-8	903		
	g2 12 - #8 @ 1'-0	24'-8	790		
4' x 12' x 27'	d2 46 - #10 AS SHOWN	10'-6	2078	5004	48.0
	f1 27 - #5 @ 1'-0	11'-8	329		
	f2 12 - #5 @ 1'-0	26'-8	334		
	g1 29 - #8 @ 0'-11	11'-8	903		
	g2 15 - #9 @ 0'-9 1/2	26'-8	1360		



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



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

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 H24-71-06.
- 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.
- PIER PILES SHALL BE DRIVEN TO VALUES SHOWN IN DESIGN PLANS.

05-13 LATEST REVISION DATE Approved by Bridge Engineer APPROVED BY BRIDGE ENGINEER	
	STANDARD DESIGN - 24' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES DECEMBER, 2006
	TEE PIER-HP10x57 SRL-2 STEEL PILE FOOTINGS 45° SKEW - H=25' TO 40' H24-75-06