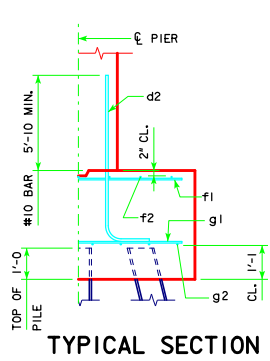
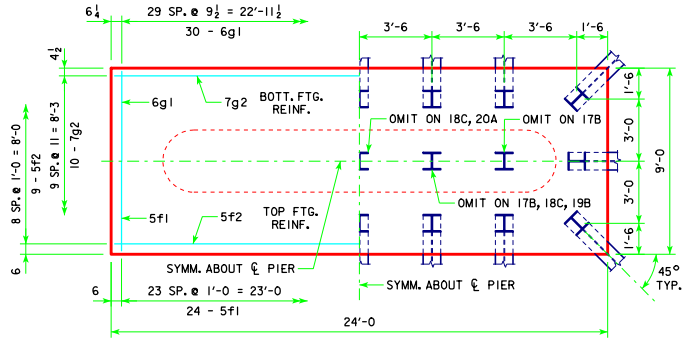


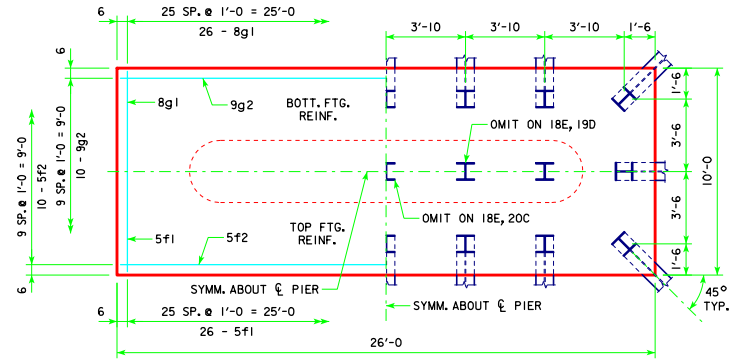
REVISED 04-13 - REVISION FOR LRFD PILE DESIGN.



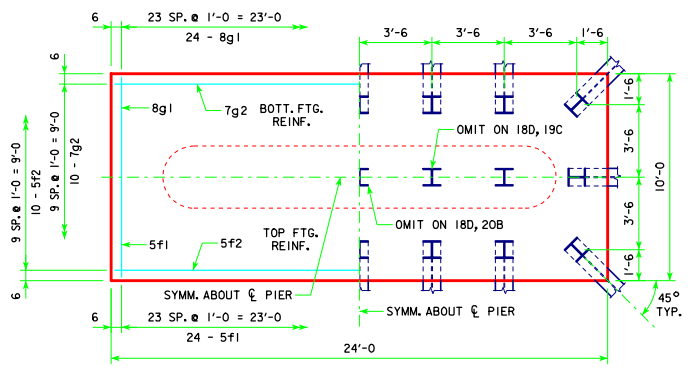
TYPICAL SECTION



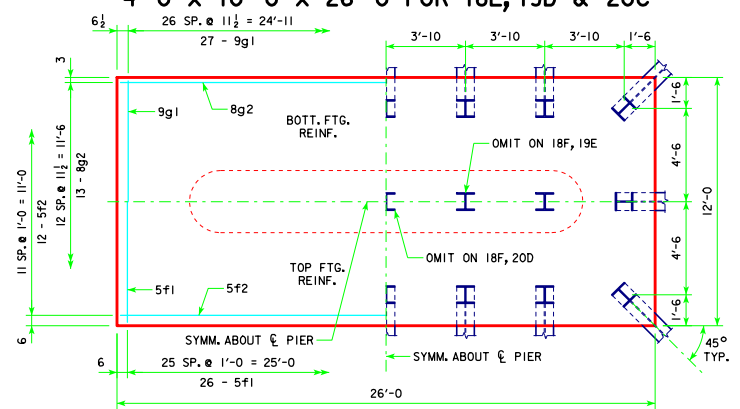
4'-0 x 9'-0 x 24'-0 FOR 17B, 18C, 19B & 20A



4'-0 x 10'-0 x 26'-0 FOR 18E, 19D & 20C



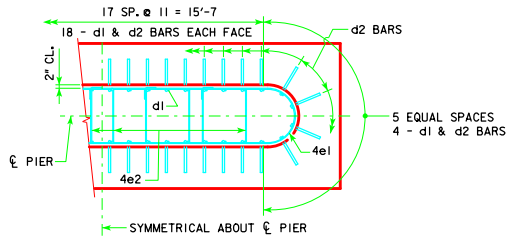
4'-0 x 10'-0 x 24'-0 FOR 18D, 19C & 20B



4'-0 x 12'-0 x 26'-0 FOR 18F, 19E & 20D

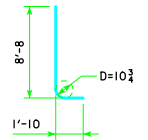
H IN FT.	PILING (HP10x57)	FOOTING SIZE
201'-4	17B	4' x 9' x 24'
213'-10	18C	4' x 9' x 24'
226'-4	18C	4' x 9' x 24'
243'-0	19B	4' x 9' x 24'
201'-4	18C	4' x 9' x 24'
213'-10	18C	4' x 9' x 24'
226'-4	19B	4' x 9' x 24'
243'-0	20A	4' x 9' x 24'
201'-4	18D	4' x 10' x 24'
213'-10	18D	4' x 10' x 24'
226'-4	19C	4' x 10' x 24'
243'-0	20B	4' x 10' x 24'
201'-4	18E	4' x 10' x 26'
213'-10	18E	4' x 10' x 26'
226'-4	19D	4' x 10' x 26'
243'-0	20C	4' x 10' x 26'
201'-4	18F	4' x 12' x 26'
213'-10	19E	4' x 12' x 26'
226'-4	20D	4' x 12' x 26'
243'-0	20D	4' x 12' x 26'

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)			TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
4' x 9' x 24'	d2 44 - #10 AS SHOWN	10'-6	1988	3302	32.0
	f1 24 - #5 @ 1'-0	8'-8	217		
	f2 9 - #5 @ 1'-0	23'-8	222		
	g1 30 - #6 @ 0'-9 1/2	8'-8	391		
	g2 10 - #7 @ 0'-11	23'-8	484		
4' x 10' x 24'	d2 44 - #10 AS SHOWN	10'-6	1988	3580	35.6
	f1 24 - #5 @ 1'-0	9'-8	242		
	f2 10 - #5 @ 1'-0	23'-8	247		
	g1 24 - #8 @ 1'-0	9'-8	619		
	g2 10 - #7 @ 1'-0	23'-8	484		
4' x 10' x 26'	d2 44 - #10 AS SHOWN	10'-6	1988	4062	38.5
	f1 26 - #5 @ 1'-0	9'-8	262		
	f2 10 - #5 @ 1'-0	25'-8	268		
	g1 26 - #8 @ 1'-0	9'-8	671		
	g2 10 - #9 @ 1'-0	25'-8	873		
4' x 12' x 26'	d2 44 - #10 AS SHOWN	10'-6	1988	4587	46.2
	f1 26 - #5 @ 1'-0	11'-8	316		
	f2 12 - #5 @ 1'-0	25'-8	321		
	g1 27 - #9 @ 0'-11 1/2	11'-8	1071		
	g2 13 - #8 @ 0'-11 1/2	25'-8	891		



d2 LAYOUT
(SEE SECTION A-A ON SHEET H30-71-06.)

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



d2
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 H30-57-06.

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.

LATEST REVISION DATE 04-13 APPROVED BY BRIDGE ENGINEER 	 STANDARD DESIGN - 30' ROADWAY, THREE SPAN BRIDGES PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES DECEMBER, 2006
	TEE PIER-HP10x57 SRL-1 STEEL PILE FOOTINGS 30° SKEW - H=25' to 40' H30-73-06