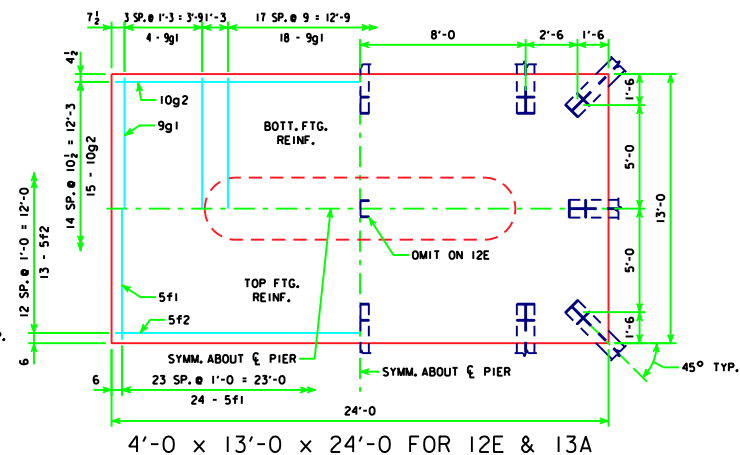
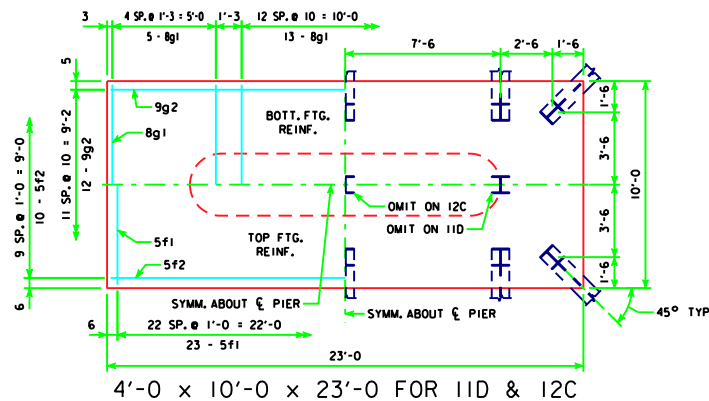
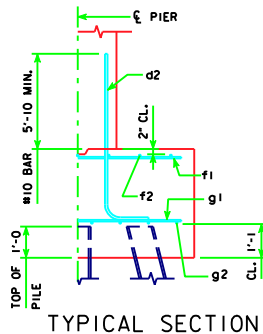
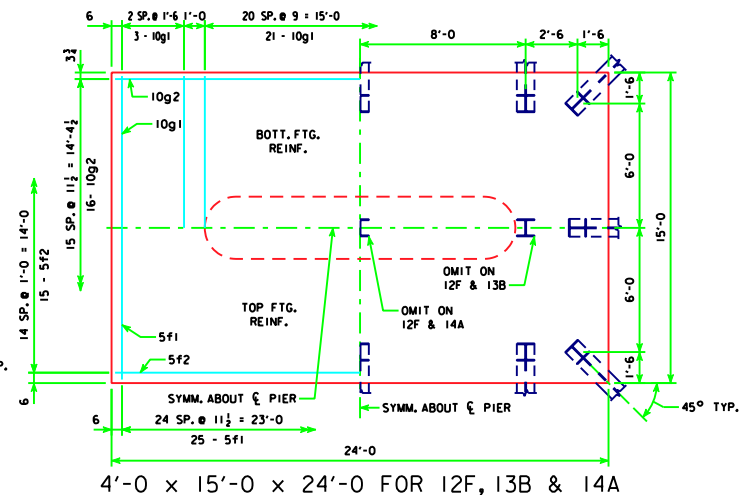
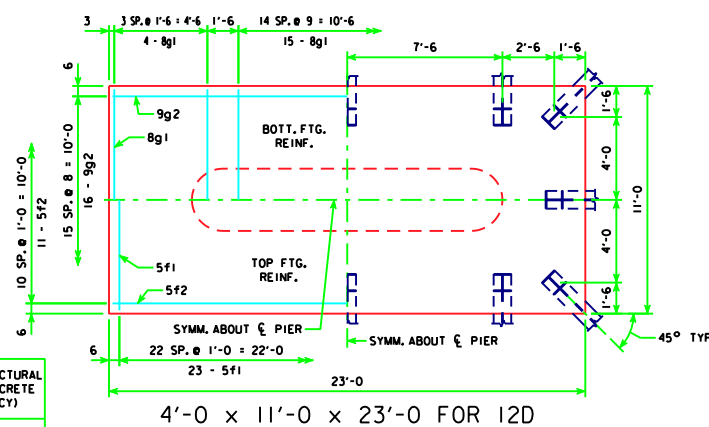
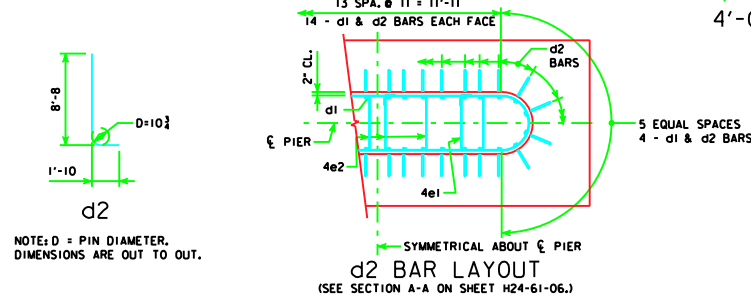




H IN FT.	CL ABUT. BRG.	PIILING NO. & LAYOUT	DES. BRG. (TONS)	FOOTING SIZE
201'-4	11D	48		4' x 10' x 23'
213'-10	11D	50		4' x 10' x 23'
226'-4	12C	47		4' x 11' x 23'
243'-0	12C	49		4' x 11' x 23'
201'-4	12D	44		4' x 11' x 23'
213'-10	12D	46		4' x 11' x 23'
226'-4	12D	48		4' x 11' x 23'
243'-0	12D	49		4' x 11' x 23'
201'-4	12E	46		4' x 13' x 24'
213'-10	12E	48		4' x 13' x 24'
226'-4	12E	49		4' x 13' x 24'
243'-0	13A	47		4' x 13' x 24'
201'-4	12F	47		4' x 13' x 24'
213'-10	12F	49		4' x 13' x 24'
226'-4	12F	50		4' x 15' x 24'
243'-0	13B	50		4' x 15' x 24'
243'-0	14A	48		4' x 15' x 24'



FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
4' x 10' x 23'	d2	36 - #10 AS SHOWN	10'-6	1627	3614	34.1
	f1	23 - #5 @ 1'-0	9'-8	232		
	f2	10 - #5 @ 1'-0	22'-8	236		
	g1	23 - #8 AS SHOWN	9'-8	594		
	g2	12 - #9 @ 0'-10	22'-8	925		
	d2	36 - #10 AS SHOWN	10'-6	1627		
4' x 11' x 23'	f1	23 - #5 @ 1'-0	10'-8	256	4031	37.5
	f2	11 - #5 @ 1'-0	22'-8	260		
	g1	23 - #8 AS SHOWN	10'-8	655		
	g2	16 - #9 @ 0'-8	22'-8	1233		
	d2	36 - #10 AS SHOWN	10'-6	1627		
	f1	24 - #5 @ 1'-0	12'-8	317		
4' x 13' x 24'	f2	13 - #5 @ 1'-0	23'-8	321	4913	46.2
	g1	26 - #9 AS SHOWN	12'-8	1120		
	g2	15 - #10 @ 0'-10 1/2	23'-8	1528		
	d2	36 - #10 AS SHOWN	10'-6	1627		
	f1	25 - #5 @ 0'-11 1/2	14'-8	382		
	f2	15 - #5 @ 1'-0	23'-8	370		
4' x 15' x 24'	g1	27 - #10 AS SHOWN	14'-8	1704	5712	53.3
	g2	16 - #10 @ 0'-11 1/2	23'-8	1629		



NOTE:
SEE SHEET H24-62-06 FOR FOOTING NOTES.

LATEST REVISION DATE	 APPROVED BY BRIDGE ENGINEER	 Iowa Department of Transportation Highway Division	STANDARD DESIGN - 24' ROADWAY, THREE SPAN BRIDGE
			PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES
			HL93 SUPERSTRUCTURE DECEMBER, 2006 HS25 SUBSTRUCTURE
			TEE PIER - STEEL PILE FOOTINGS, H=25' TO 40' 45° SKEW
			H24-63-06