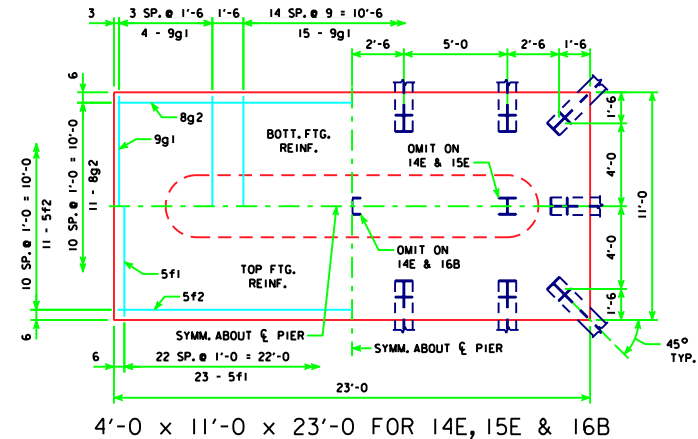
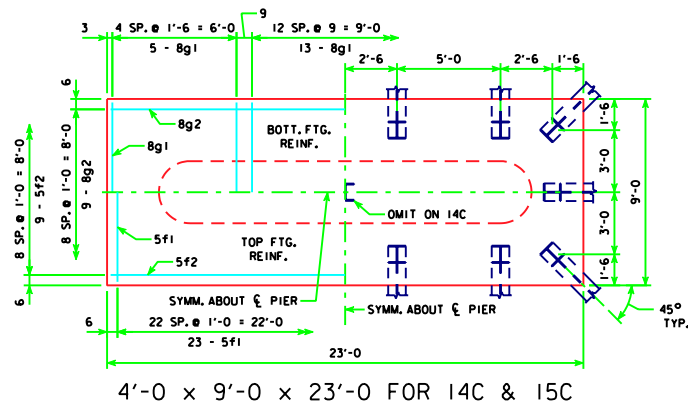
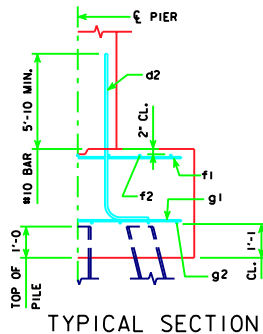
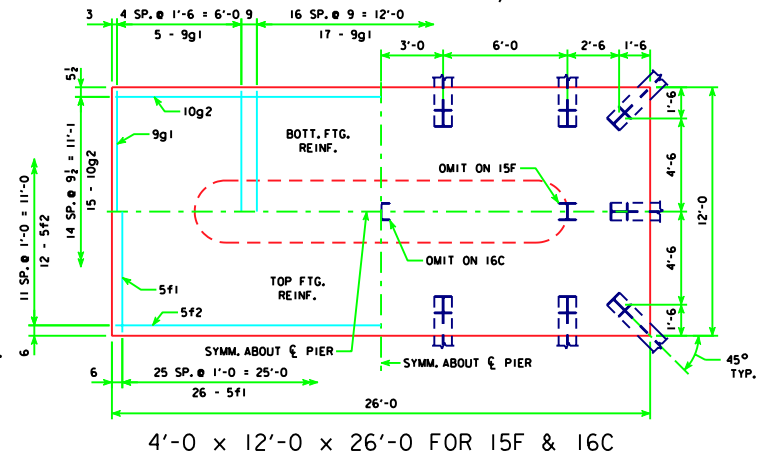
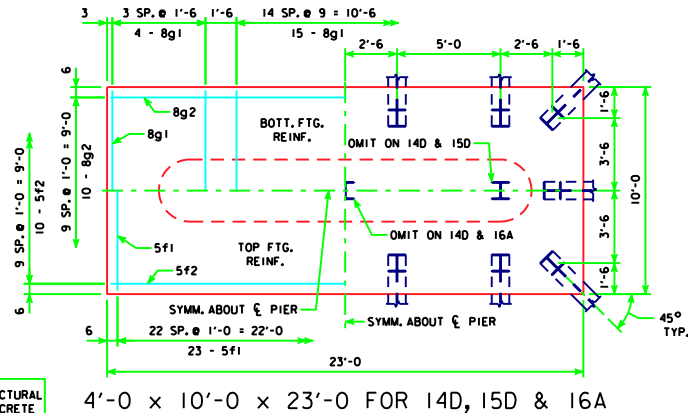
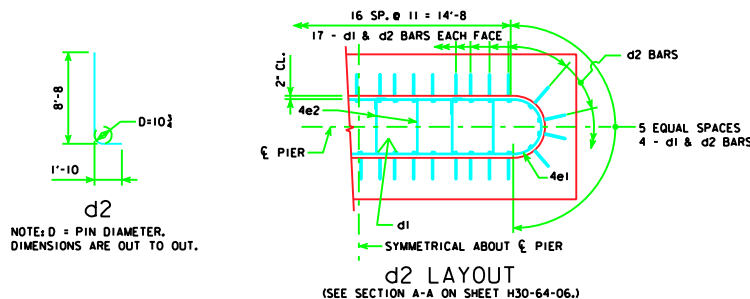




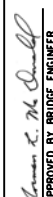
H IN FT.	CL ABUT. BRG.	PILING NO. & LAYOUT	DES. BRG. (TONS)	FOOTING SIZE
201'-4	I4C	47	47	4' x 9' x 23'
213'-10	I4C	49	49	4' x 9' x 23'
226'-4	I5C	48	48	4' x 9' x 23'
243'-0	I5C	50	50	4' x 9' x 23'
201'-4	I4D	49	49	4' x 10' x 23'
213'-10	I5D	47	47	4' x 10' x 23'
226'-4	I5D	49	49	4' x 10' x 23'
243'-0	I6A	47	47	4' x 10' x 23'
201'-4	I4E	50	50	4' x 11' x 23'
213'-10	I5E	49	49	4' x 11' x 23'
226'-4	I5E	50	50	4' x 11' x 23'
243'-0	I6B	48	48	4' x 11' x 23'
201'-4	I5F	48	48	4' x 12' x 26'
213'-10	I5F	49	49	4' x 12' x 26'
226'-4	I6C	47	47	4' x 12' x 26'
243'-0	I6C	49	49	4' x 12' x 26'
201'-4	I5F	49	49	4' x 12' x 26'
213'-10	I5F	50	50	4' x 12' x 26'
226'-4	I6C	48	48	4' x 12' x 26'
243'-0	I6C	50	50	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 23'	d2	42 - #10 AS SHOWN	10'-6	1898	3396	30.7
	f1	23 - #5 @ 1'-0	8'-8	208		
	f2	9 - #5 @ 1'-0	22'-8	213		
	g1	23 - #8 AS SHOWN	8'-8	532		
	g2	9 - #8 @ 1'-0	22'-8	545		
4' x 10' x 23'	d2	42 - #10 AS SHOWN	10'-6	1898	3565	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	10 - #8 @ 1'-0	22'-8	605		
4' x 11' x 23'	d2	42 - #10 AS SHOWN	10'-6	1898	3914	37.5
	f1	23 - #5 @ 1'-0	10'-8	256		
	f2	11 - #5 @ 1'-0	22'-8	260		
	g1	23 - #9 AS SHOWN	10'-8	834		
	g2	11 - #8 @ 1'-0	22'-8	666		
4' x 12' x 26'	d2	42 - #10 AS SHOWN	10'-6	1898	5263	46.2
	f1	26 - #5 @ 1'-0	11'-8	316		
	f2	12 - #9 @ 1'-0	25'-8	321		
	g1	27 - #9 AS SHOWN	11'-8	1071		
	g2	15 - #10 @ 0'-9 1/2	25'-8	1657		



NOTE:
SEE SHEET H30-65-06 FOR FOOTING NOTES.

LATEST REVISION DATE	 APPROVED BY BRIDGE ENGINEER	 Iowa Department of Transportation Highway Division	STANDARD DESIGN - 30' ROADWAY, THREE SPAN BRIDGES PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES HL93 SUPERSTRUCTURE DECEMBER, 2006 HS25 SUBSTRUCTURE	
			TEE PIER - STEEL PILE FOOTINGS, H=25' TO 40' 45° SKEW	
			H30-66-06	