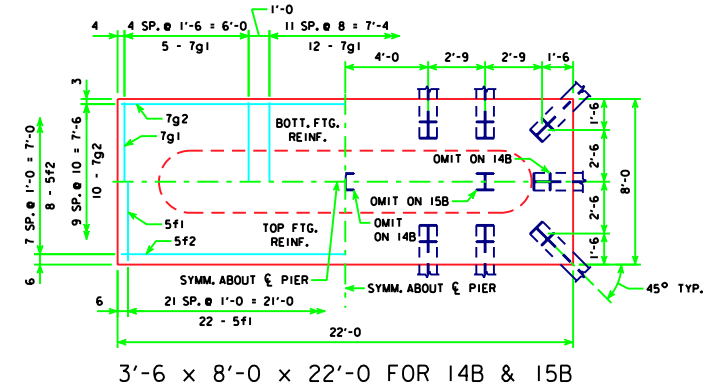
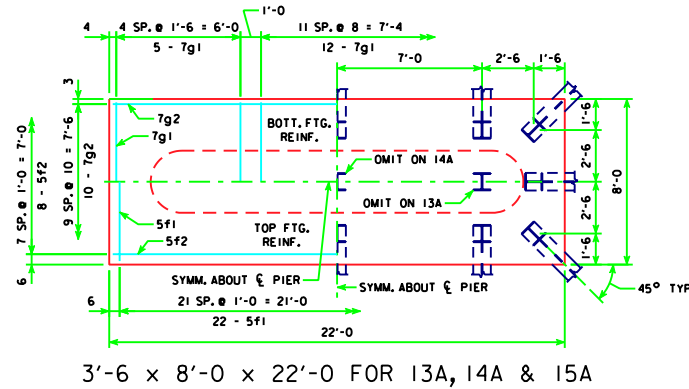
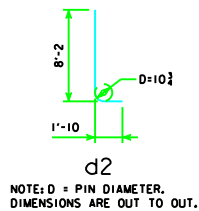
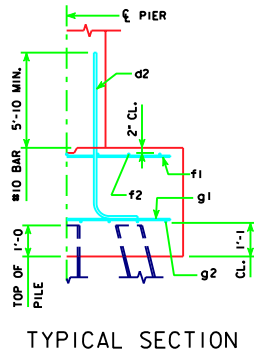


FOOTING NOTES:

THESE FOOTINGS ARE DESIGNED AND DETAILED TO BE USED WITH THE CAP AND COLUMN DETAILS OF THE TEE PIERS AS SHOWN ON SHEET H30-64-06.

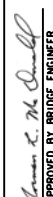
BATTER PILES IN EXTERIOR ROWS 1:4 IN THE DIRECTION SHOWN.

PIER PILES (HP10x57) ARE TO BE DRIVEN TO THE DESIGN BEARING VALUE.

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.

H IN FT.	ξ - ξ ABUT. BRG.	PILING NO. & LAYOUT	DES. BRG. (TONS)	FOOTING SIZE
18	201'-4	13A	48	
16	213'-10	13A	50	3'-6 x 8' x 22'
16	226'-4	14A	47	
16	243'-0	14A	49	
21	201'-4	13A	49	
19	213'-10	14A	48	3'-6 x 8' x 22'
19	226'-4	14A	50	
19	243'-0	15A	49	
24	201'-4	14B	47	
24	213'-10	14B	49	3'-6 x 8' x 22'
24	226'-4	15B	48	
24	243'-0	15B	49	

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (L.B.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (L.B.)		
3'-6 x 8' x 22'	d2	42 - #10 AS SHOWN	10'-0	1807	2952	22.8
	f1	22 - #5 @ 1'-0	7'-8	176		
	f2	8 - #5 @ 1'-0	21'-8	181		
	g1	22 - #7 AS SHOWN	7'-8	345		
	g2	10 - #7 @ 0'-10	21'-8	443		

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
		TEE PIER - STEEL PILE FOOTINGS, H=16' TO 24' 45° SKEW	
		H30-65-06	