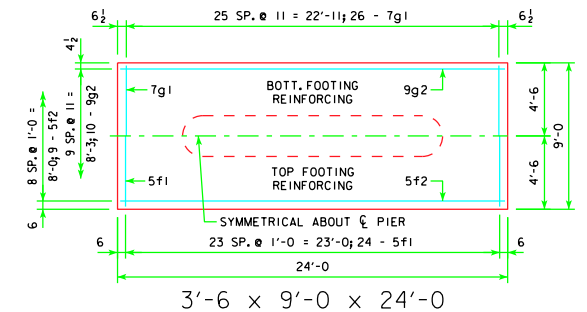
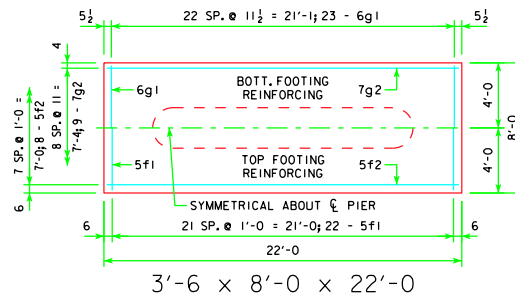
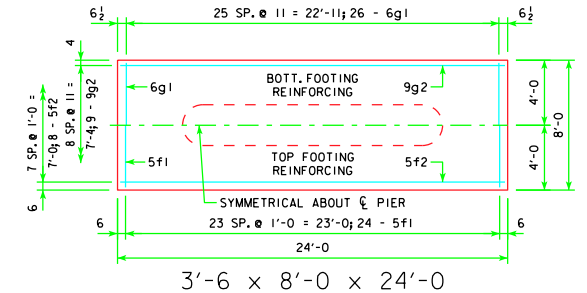
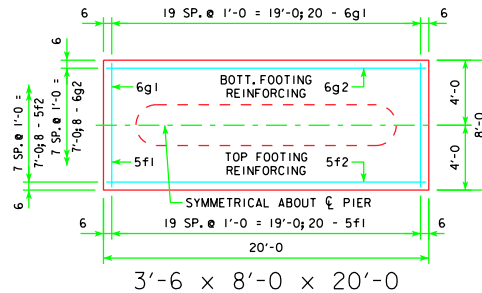
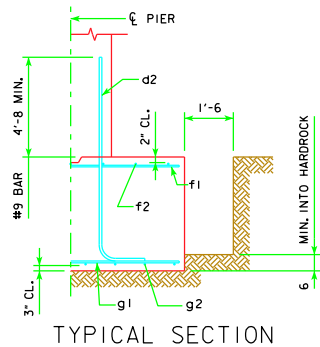
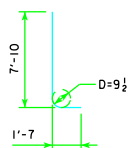


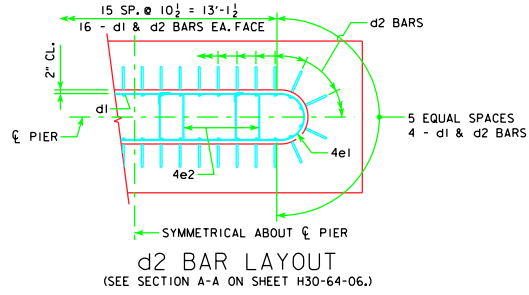


H IN FT.	CL - CL ABUT. BRG.	FOOTING SIZE
138'-10	151'-4	3'-6 x 8' x 20'
163'-10	176'-4	3'-6 x 8' x 22'
188'-10	201'-4	3'-6 x 8' x 24'
213'-10	226'-4	3'-6 x 9' x 24'
243'-0	251'-4	3'-6 x 9' x 24'
138'-10	151'-4	3'-6 x 8' x 20'
163'-10	176'-4	3'-6 x 8' x 22'
188'-10	201'-4	3'-6 x 8' x 24'
213'-10	226'-4	3'-6 x 9' x 24'
243'-0	251'-4	3'-6 x 9' x 24'
138'-10	151'-4	3'-6 x 8' x 20'
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188'-10	201'-4	3'-6 x 8' x 24'
213'-10	226'-4	3'-6 x 9' x 24'
243'-0	251'-4	3'-6 x 9' x 24'



d2
NOTE: D = PIN DIAMETER.
DIMENSIONS ARE OUT TO OUT.

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
3'-6 x 8' x 20'	d2	40 - #9 AS SHOWN	9'-5	1281	2071	20.7
	f1	20 - #5 @ 1'-0	7'-8	160		
	f2	8 - #5 @ 1'-0	19'-8	164		
	g1	20 - #6 @ 1'-0	7'-8	230		
	g2	8 - #6 @ 1'-0	19'-8	236		
3'-6 x 8' x 22'	d2	40 - #9 AS SHOWN	9'-5	1281	2302	22.8
	f1	22 - #5 @ 1'-0	7'-8	176		
	f2	8 - #5 @ 1'-0	21'-8	181		
	g1	23 - #6 @ 0'-11 1/2	7'-8	265		
	g2	9 - #7 @ 0'-11	21'-8	399		
3'-6 x 8' x 24'	d2	40 - #9 AS SHOWN	9'-5	1281	2693	24.9
	f1	24 - #5 @ 1'-0	7'-8	192		
	f2	8 - #5 @ 1'-0	23'-8	197		
	g1	26 - #6 @ 0'-11	7'-8	299		
	g2	9 - #9 @ 0'-11	23'-8	724		
3'-6 x 9' x 24'	d2	40 - #9 AS SHOWN	9'-5	1281	2986	28.0
	f1	24 - #5 @ 1'-0	8'-8	217		
	f2	9 - #5 @ 1'-0	23'-8	222		
	g1	26 - #7 @ 0'-11	8'-8	461		
	g2	10 - #9 @ 0'-11	23'-8	805		



FOOTING NOTES:

THESE SPREAD 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.

THESE SPREAD FOOTINGS SHALL EXTEND AT LEAST 6 INCHES INTO SUITABLE FOUNDATION ROCK AND THE LAST 6 INCHES OF ROCK EXCAVATION SHALL BE TO NEAT LINES OF MASONRY. THE FOUNDATION ROCK SHALL HAVE A MINIMUM LRFD NOMINAL BEARING RESISTANCE OF 30 KIIPS PER SQUARE FOOT (ALLOWABLE BEARING VALUE OF AT LEAST 5 TONS PER SQUARE FOOT).

07-10 LATEST REVISION DATE APPROVED BY BRIDGE ENGINEER <i>Thomas E. McQuinn</i>		
	STANDARD DESIGN - 30' ROADWAY, THREE SPAN BRIDGES PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES DECEMBER, 2006	
	TEE PIER - SPREAD FOOTINGS 15° SKEW - H=16' to 24'	H30-69-06