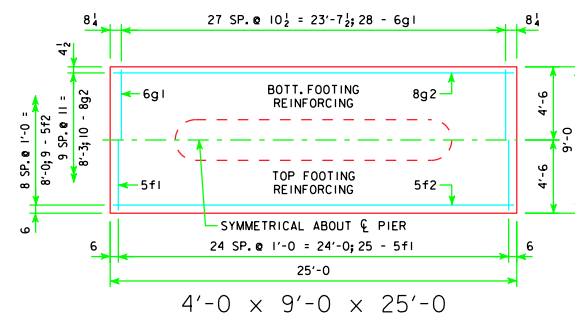
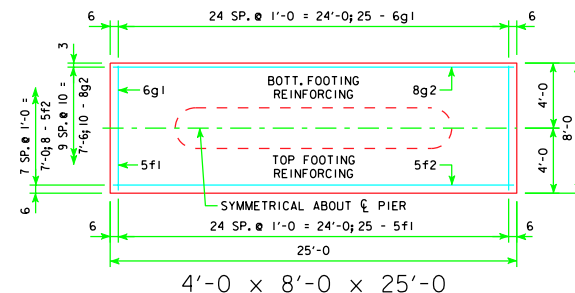
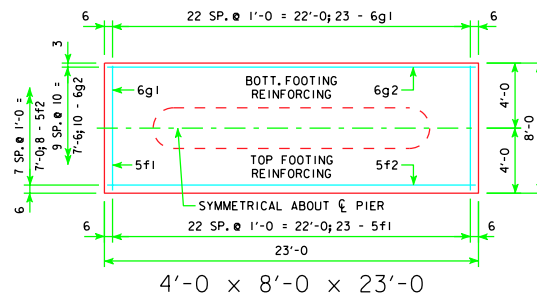
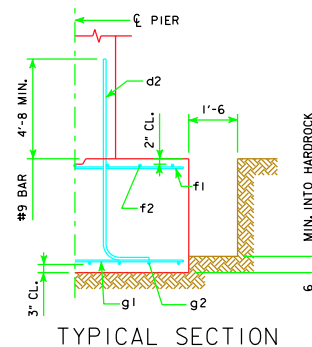
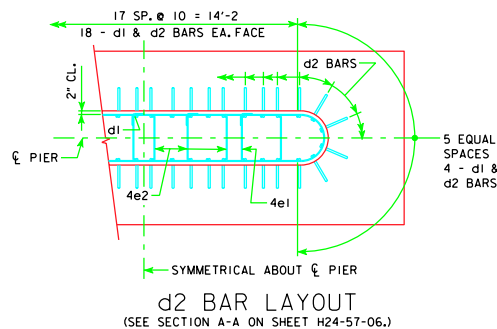


NOTE: D = PIN DIAMETER.
DIMENSIONS ARE OUT TO OUT.



H IN FT.	℄ - ℄ ABUT. BRG.	FOOTING SIZE
25 TO 27	138'-10 151'-4 163'-10 176'-4 188'-10 201'-4 213'-10 226'-4 243'-0	4' x 8' x 23'
28 TO 30	138'-10 151'-4 163'-10 176'-4 188'-10 201'-4 213'-10 226'-4 243'-0	4' x 8' x 25'
31 TO 33	201'-4 213'-10 226'-4 243'-0	4' x 8' x 25'
34 TO 36	201'-4 213'-10 226'-4 243'-0	4' x 9' x 25'
37 TO 40	201'-4 213'-10 226'-4 243'-0	4' x 9' x 25'

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
4' x 8' x 23'	d2	44 - #9 AS SHOWN	9'-11	1484	2462	27.3
	f1	23 - #5 @ 1'-0	7'-8	184		
	f2	8 - #5 @ 1'-0	22'-8	189		
	g1	23 - #6 @ 1'-0	7'-8	265		
	g2	10 - #6 @ 0'-10	22'-8	340		
	d2	44 - #9 AS SHOWN	9'-11	1484		
4' x 8' x 25'	f1	25 - #5 @ 1'-0	7'-8	200	2837	29.6
	f2	8 - #5 @ 1'-0	24'-8	206		
	g1	25 - #6 @ 1'-0	7'-8	288		
	g2	10 - #8 @ 0'-10	24'-8	659		
	d2	44 - #9 AS SHOWN	9'-11	1484		
	f1	25 - #5 @ 1'-0	8'-8	226		
4' x 9' x 25'	f2	9 - #5 @ 1'-0	24'-8	232	2965	33.3
	g1	28 - #6 @ 0'-10 1/2	8'-8	364		
	g2	10 - #8 @ 0'-11	24'-8	659		



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 H24-57-06.

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).

01-10 LATEST REVISION DATE	APPROVED BY BRIDGE ENGINEER <i>Norman E. McQuinn</i>		
		STANDARD DESIGN - 24' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES DECEMBER, 2006	
		TEE PIER - SPREAD FOOTINGS 15° SKEW - H=25' TO 40'	H24-63-06