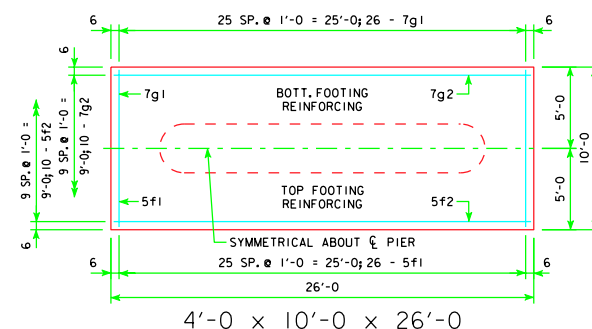
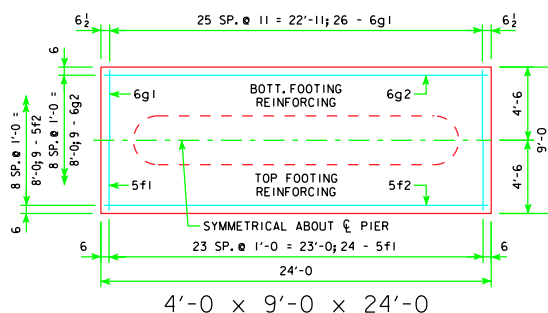
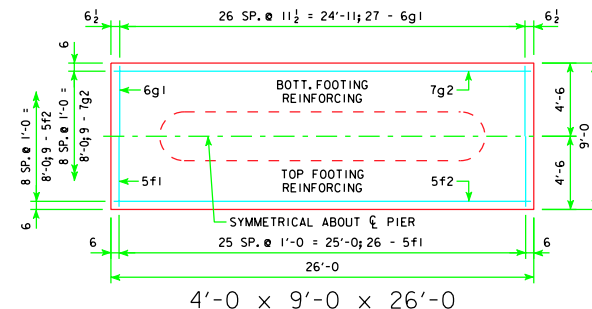
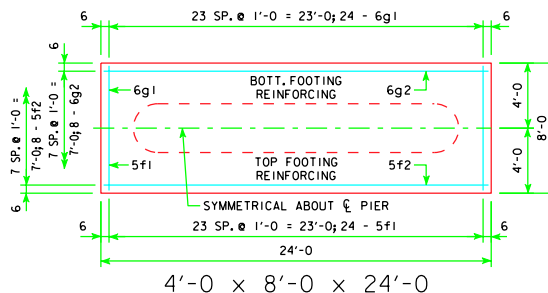


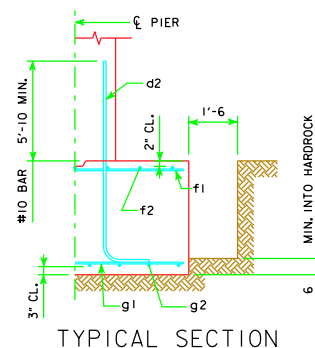
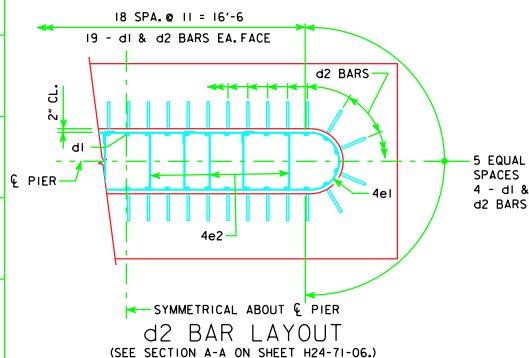
d2

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	4' x 8' x 24'
28 TO 30	213'-10 226'-4 243'-0	4' x 9' x 24'
31 TO 33	138'-10 151'-4 163'-10 176'-4 188'-10 201'-4	4' x 8' x 24'
34 TO 36	213'-10 226'-4 243'-0	4' x 9' x 24'
37 TO 40	201'-4 213'-10 226'-4 243'-0	4' x 9' x 26'
41 TO 43	201'-4 213'-10 226'-4 243'-0	4' x 9' x 26'
44 TO 46	201'-4 213'-10 226'-4 243'-0	4' x 10' x 26'
47 TO 49	201'-4 213'-10 226'-4 243'-0	4' x 10' x 26'

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
4' x 8' x 24'	d2	46 - #10 AS SHOWN	11'-4	2243	3192	28.4
	f1	24 - #5 @ 1'-0	7'-8	192		
	f2	8 - #5 @ 1'-0	23'-8	197		
	g1	24 - #6 @ 1'-0	7'-8	276		
	g2	8 - #6 @ 1'-0	23'-8	284		
	d2	46 - #10 AS SHOWN	11'-4	2243		
4' x 9' x 24'	f1	24 - #5 @ 1'-0	8'-8	217	3340	32.0
	f2	9 - #5 @ 1'-0	23'-8	222		
	g1	26 - #6 @ 0'-11	8'-8	338		
	g2	9 - #6 @ 1'-0	23'-8	320		
	d2	46 - #10 AS SHOWN	11'-4	2243		
	f1	26 - #5 @ 1'-0	8'-8	235		
4' x 9' x 26'	f2	9 - #5 @ 1'-0	25'-8	241	3542	34.7
	g1	27 - #6 @ 0'-11 1/2	8'-8	351		
	g2	9 - #7 @ 1'-0	25'-8	472		
	d2	46 - #10 AS SHOWN	11'-4	2243		
	f1	26 - #5 @ 1'-0	9'-8	262		
	f2	10 - #5 @ 1'-0	25'-8	268		
4' x 10' x 26'	g1	26 - #7 @ 1'-0	9'-8	514	3812	38.5
	g2	10 - #7 @ 1'-0	25'-8	525		



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 H24-71-06.

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).

LATEST REVISION DATE 01-10	APPROVED BY BRIDGE ENGINEER <i>Thomas E. McQuinn</i>		
		STANDARD DESIGN - 24' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES DECEMBER, 2006	
		TEE PIER - SPREAD FOOTINGS 45° SKEW - H=25' TO 40'	H24-77-06