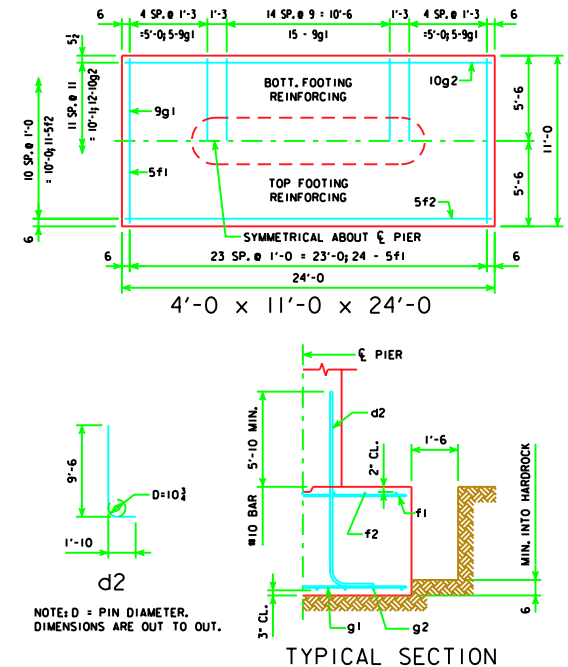
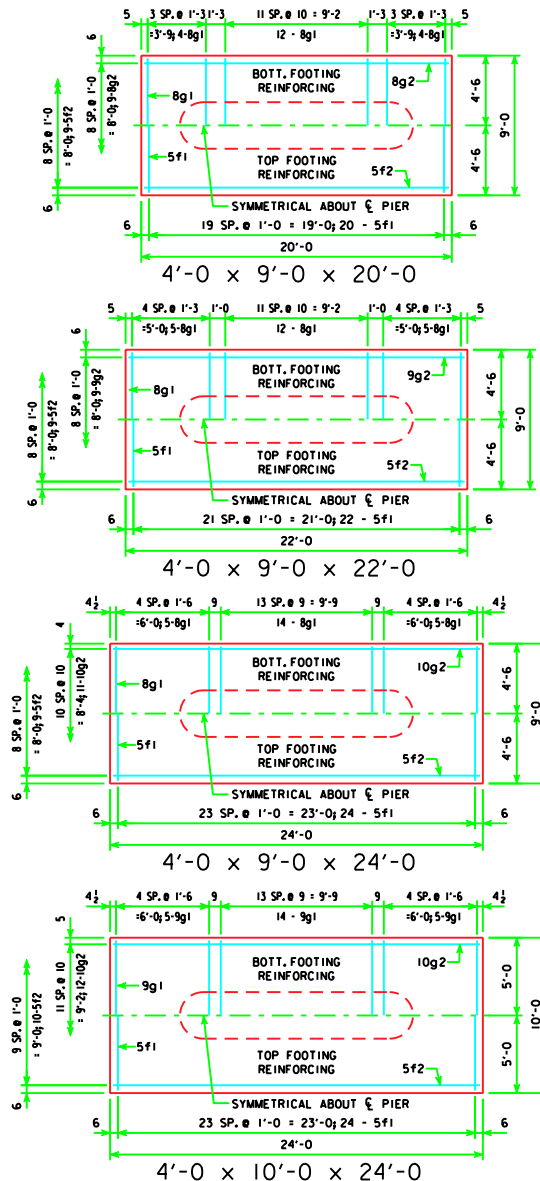
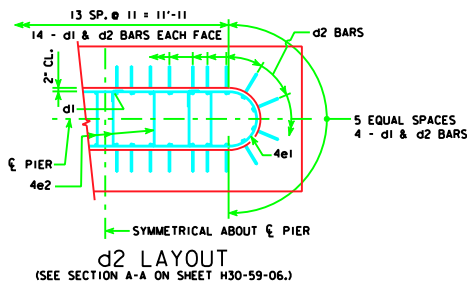


H IN FT.	℄ - ℄ ABUT. BRG.	FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
			BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
25 TO 27	138'-10 151'-4 163'-10 176'-4 188'-10 201'-4 213'-10	4' x 9' x 20'	d2	36 - #10 AS SHOWN	11'-4	1756	3058	26.7
	f1		20 - #5 @ 1'-0	8'-8	181			
	f2		9 - #5 @ 1'-0	19'-8	185			
	g1		20 - #8 AS SHOWN	8'-8	463			
	g2		9 - #8 @ 1'-0	19'-8	473			
28 TO 30	226'-4 243'-0 138'-10 151'-4	4' x 9' x 22'	d2	36 - #10 AS SHOWN	11'-4	1756	3330	29.3
	f1		22 - #5 @ 1'-0	8'-8	199			
	f2		9 - #5 @ 1'-0	21'-8	203			
	g1		22 - #8 AS SHOWN	8'-8	509			
	g2		9 - #9 @ 1'-0	21'-8	663			
31 TO 33	163'-10 176'-4 188'-10 201'-4 213'-10	4' x 9' x 24'	d2	36 - #10 AS SHOWN	11'-4	1756	3870	32.0
	f1		24 - #5 @ 1'-0	8'-8	217			
	f2		9 - #5 @ 1'-0	23'-8	222			
	g1		24 - #8 AS SHOWN	8'-8	555			
	g2		11 - #10 @ 0'-10	23'-8	1120			
34 TO 36	226'-4 243'-0 138'-10 151'-4	4' x 9' x 24'	d2	36 - #10 AS SHOWN	11'-4	1756	4256	35.6
	f1		24 - #5 @ 1'-0	9'-8	242			
	f2		10 - #5 @ 1'-0	23'-8	247			
	g1		24 - #9 AS SHOWN	9'-8	789			
	g2		12 - #10 @ 0'-10	23'-8	1222			
37 TO 40	226'-4 243'-0 138'-10 151'-4	4' x 10' x 24'	d2	36 - #10 AS SHOWN	11'-4	1756	4424	39.1
	f1		24 - #5 @ 1'-0	10'-8	267			
	f2		11 - #5 @ 1'-0	23'-8	272			
	g1		25 - #9 AS SHOWN	10'-8	907			
	g2		12 - #10 @ 0'-11	23'-8	1222			
38 TO 40	163'-10 176'-4 188'-10 201'-4 213'-10	4' x 9' x 22'	d2	36 - #10 AS SHOWN	11'-4	1756	3870	32.0
	f1		24 - #5 @ 1'-0	8'-8	217			
	f2		9 - #5 @ 1'-0	23'-8	222			
	g1		24 - #8 AS SHOWN	8'-8	555			
	g2		11 - #10 @ 0'-10	23'-8	1120			
39 TO 41	226'-4 243'-0 138'-10 151'-4	4' x 10' x 24'	d2	36 - #10 AS SHOWN	11'-4	1756	4256	35.6
	f1		24 - #5 @ 1'-0	9'-8	242			
	f2		10 - #5 @ 1'-0	23'-8	247			
	g1		24 - #9 AS SHOWN	9'-8	789			
	g2		12 - #10 @ 0'-10	23'-8	1222			
40 TO 42	226'-4 243'-0 138'-10 151'-4	4' x 11' x 24'	d2	36 - #10 AS SHOWN	11'-4	1756	4424	39.1
	f1		24 - #5 @ 1'-0	10'-8	267			
	f2		11 - #5 @ 1'-0	23'-8	272			
	g1		25 - #9 AS SHOWN	10'-8	907			
	g2		12 - #10 @ 0'-11	23'-8	1222			



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 H30-59-06.

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 AN ALLOWABLE BEARING VALUE OF AT LEAST 5 TONS PER SQUARE FOOT.

LATEST REVISION DATE	 APPROVED BY BRIDGE ENGINEER	 STANDARD DESIGN - 30' ROADWAY, THREE SPAN BRIDGES PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES HL93 SUPERSTRUCTURE DECEMBER, 2006 HS25 SUBSTRUCTURE	
		TEE PIER - SPREAD FOOTINGS, H=25' TO 40' 30° SKEW	
		H30-63-06	