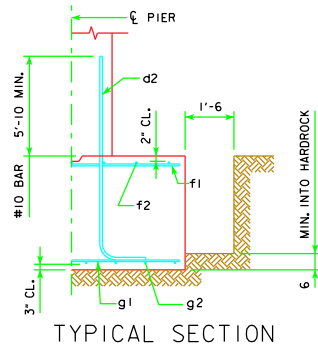
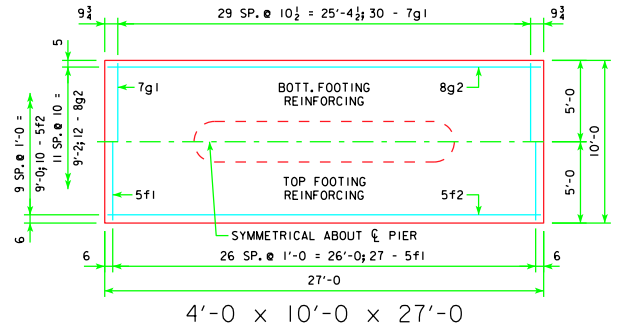
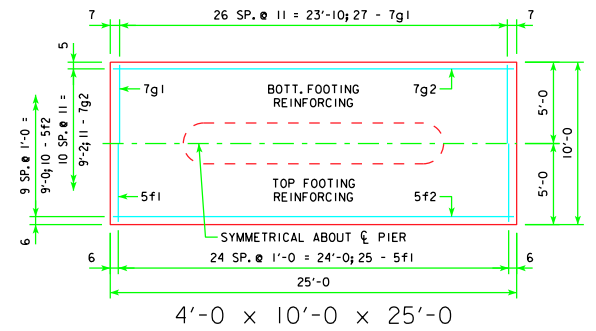
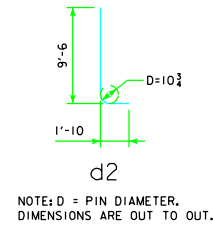
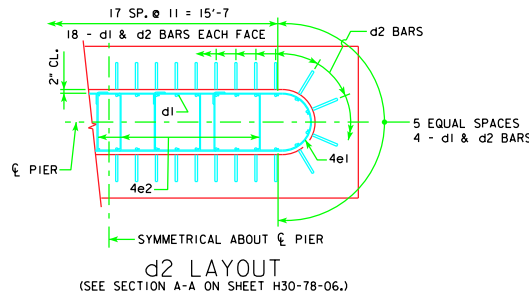
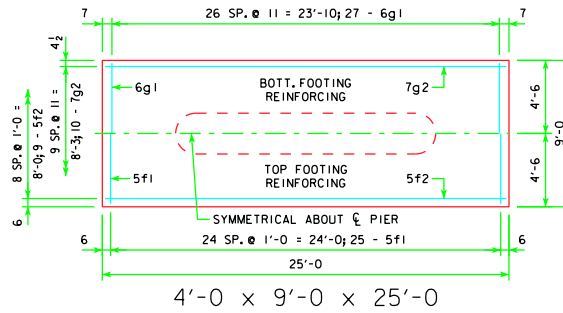
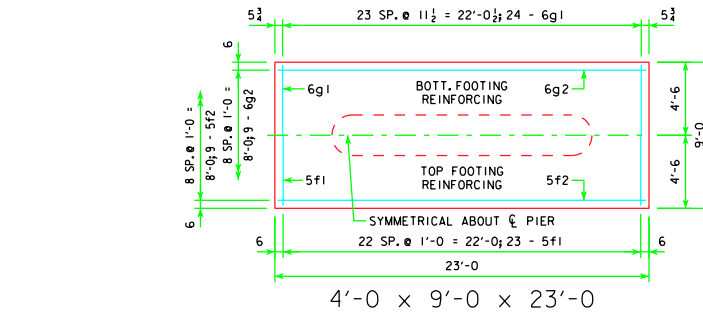


REVISED 07-10 - SHEET WAS REVISED TO MEET LRFD SPECIFICATIONS.

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



FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
4' x 9' x 23'	d2	44 - #10 AS SHOWN	11'-4	2146	3185	30.7
	f1	23 - #5 @ 1'-0	8'-8	208		
	f2	9 - #5 @ 1'-0	22'-8	213		
	g1	24 - #6 @ 0'-11½	8'-8	312		
	g2	9 - #6 @ 1'-0	22'-8	306		
	d2	44 - #10 AS SHOWN	11'-4	2146		
4' x 9' x 25'	f1	25 - #5 @ 1'-0	8'-8	226	3459	33.3
	f2	9 - #5 @ 1'-0	24'-8	232		
	g1	27 - #6 @ 0'-11	8'-8	351		
	g2	10 - #7 @ 0'-11	24'-8	504		
	d2	44 - #10 AS SHOWN	11'-4	2146		
	f1	25 - #5 @ 1'-0	9'-8	252		
4' x 10' x 25'	f2	10 - #5 @ 1'-0	24'-8	257	3743	37.0
	g1	27 - #7 @ 0'-11	9'-8	533		
	g2	11 - #7 @ 0'-11	24'-8	555		
	d2	44 - #10 AS SHOWN	11'-4	2146		
	f1	27 - #5 @ 1'-0	9'-8	272		
	f2	10 - #5 @ 1'-0	26'-8	278		
4' x 10' x 27'	g1	30 - #7 @ 0'-10½	9'-8	593	4143	40.0
	g2	12 - #8 @ 0'-10	26'-8	854		



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 H30-78-06.

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 KIPS PER SQUARE FOOT (ALLOWABLE BEARING VALUE OF AT LEAST 5 TONS PER SQUARE FOOT).

07-10 LATEST REVISION DATE	 APPROVED BY BRIDGE ENGINEER	 STANDARD DESIGN - 30' ROADWAY, THREE SPAN BRIDGES PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES DECEMBER, 2006	
		TEE PIER - SPREAD FOOTINGS 45° SKEW - H=25' to 40'	H30-84-06