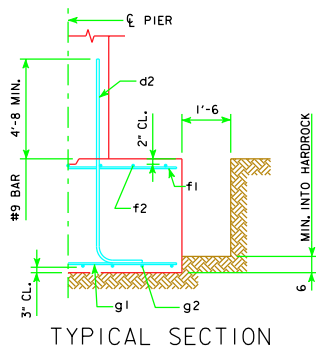
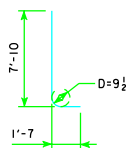


REVISED 11-09 - SHEET WAS REVISED TO MEET LRFD SPECIFICATIONS.

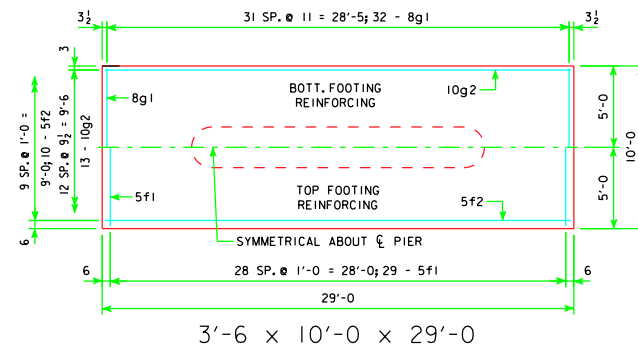
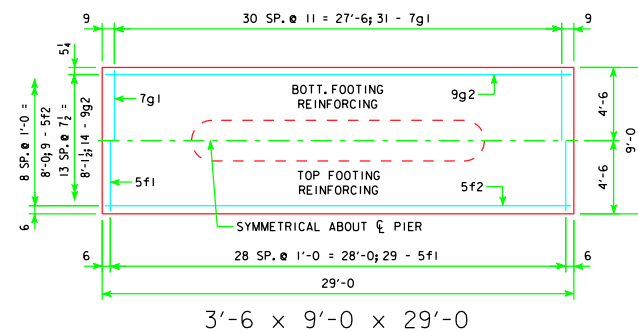
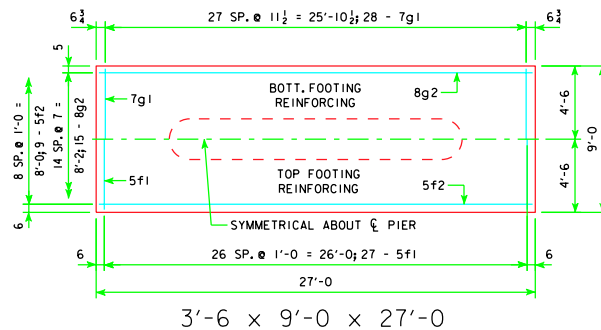
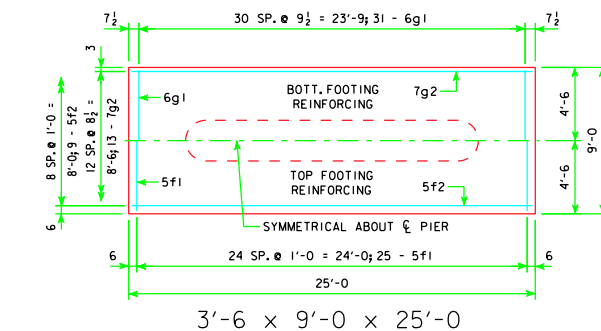
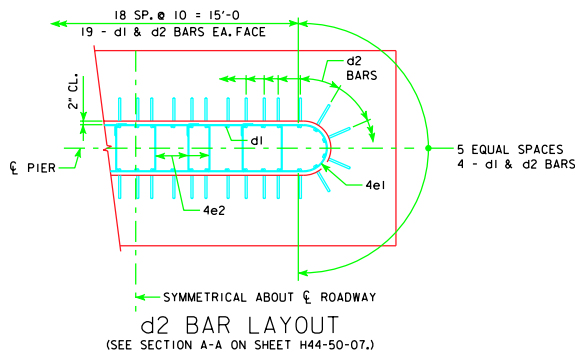


H IN FT.	CL - CL ABUT. BRG.	FOOTING SIZE
138'-10	151'-4	3'-6 x 9' x 25'
163'-10	176'-4	3'-6 x 9' x 27'
188'-10	201'-4	3'-6 x 9' x 29'
213'-10	226'-4	3'-6 x 10' x 29'
243'-0		
138'-10	151'-4	3'-6 x 9' x 25'
163'-10	176'-4	3'-6 x 9' x 27'
188'-10	201'-4	3'-6 x 9' x 29'
213'-10	226'-4	3'-6 x 10' x 29'
243'-0		
138'-10	151'-4	3'-6 x 9' x 25'
163'-10	176'-4	3'-6 x 9' x 27'
188'-10	201'-4	3'-6 x 9' x 29'
213'-10	226'-4	3'-6 x 10' x 29'
243'-0		



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

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH (LB.)	TOTAL WEIGHT (LB.)	
3'-6 x 9' x 25'	d2	46 - #9 AS SHOWN	9'-5	1473	2990
	f1	25 - #5 @ 1'-0	8'-8	226	
	f2	9 - #5 @ 1'-0	24'-8	232	
	g1	31 - #6 @ 0'-9 1/2	8'-8	404	
	g2	13 - #7 @ 0'-8 1/2	24'-8	655	
3'-6 x 9' x 27'	d2	46 - #9 AS SHOWN	9'-5	1473	3531
	f1	27 - #5 @ 1'-0	8'-8	244	
	f2	9 - #5 @ 1'-0	26'-8	250	
	g1	28 - #7 @ 0'-11 1/2	8'-8	496	
	g2	15 - #8 @ 0'-7	26'-8	1068	
3'-6 x 9' x 29'	d2	46 - #9 AS SHOWN	9'-5	1473	3918
	f1	29 - #5 @ 1'-0	8'-8	262	
	f2	9 - #5 @ 1'-0	28'-8	269	
	g1	31 - #7 @ 0'-11	8'-8	549	
	g2	14 - #9 @ 0'-7 1/2	28'-8	1365	
3'-6 x 10' x 29'	d2	46 - #9 AS SHOWN	9'-5	1473	4494
	f1	29 - #5 @ 1'-0	9'-8	292	
	f2	10 - #5 @ 1'-0	28'-8	299	
	g1	32 - #8 @ 0'-11	9'-8	826	
	g2	13 - #10 @ 0'-9 1/2	28'-8	1604	



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 H44-50-07.

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).

11-09 LATEST REVISION DATE	 APPROVED BY BRIDGE ENGINEER	 STANDARD DESIGN - 44' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES MARCH, 2007	
		TEE PIER - SPREAD FOOTINGS 0° SKEW - H=16' TO 24'	
		H44-56-07	