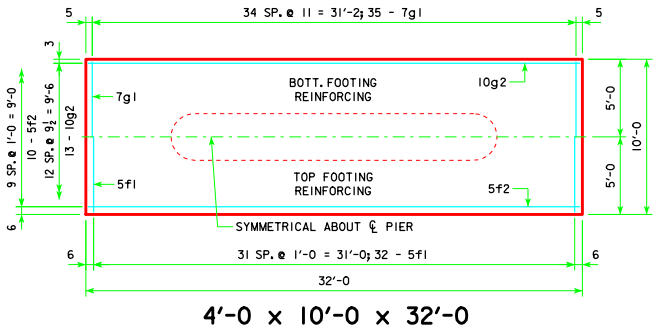
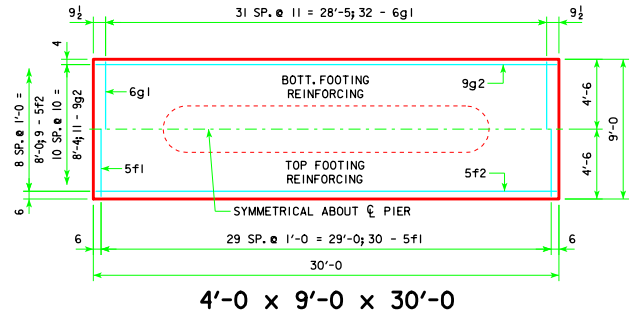
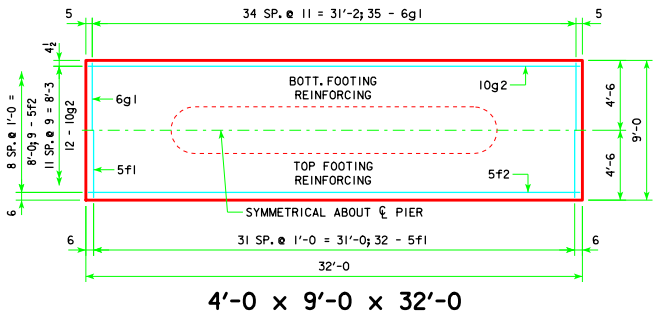
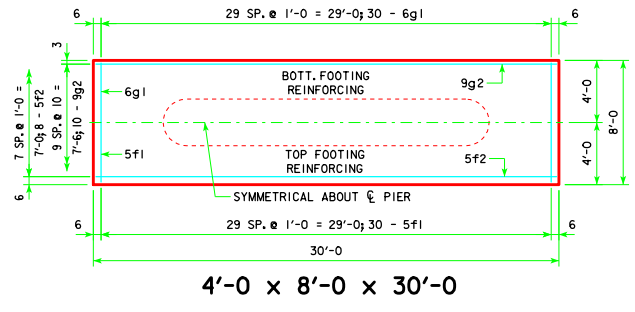
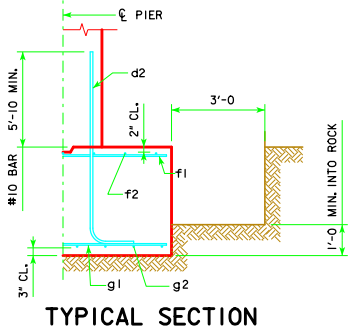


REVISED 04-12 - EXCAVATION LIMIT WAS CHANGED TO 3'-0".

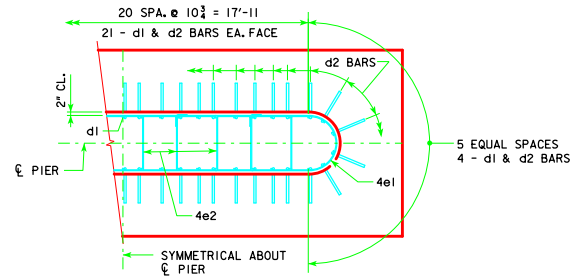
H IN FT.	℄ - ℄ ABUT. BRG.	FOOTING SIZE
25 TO 27	138'-10 151'-4	4' x 8' x 30'
	163'-10 176'-4	4' x 9' x 30'
	188'-10 201'-4	4' x 9' x 32'
	213'-10 226'-4	4' x 10' x 32'
	243'-0	
28 TO 30	138'-10 151'-4	4' x 8' x 30'
	163'-10 176'-4	4' x 9' x 30'
	188'-10 201'-4	4' x 9' x 32'
	213'-10 226'-4	4' x 10' x 32'
	243'-0	
31 TO 33	138'-10 151'-4	4' x 9' x 30'
	163'-10 176'-4	4' x 9' x 32'
	188'-10 201'-4	4' x 10' x 32'
	213'-10 226'-4	4' x 10' x 34'
	243'-0	
34 TO 36	138'-10 151'-4	4' x 9' x 30'
	163'-10 176'-4	4' x 9' x 32'
	188'-10 201'-4	4' x 10' x 32'
	213'-10 226'-4	4' x 10' x 34'
	243'-0	
37 TO 40	138'-10 151'-4	4' x 9' x 30'
	163'-10 176'-4	4' x 9' x 32'
	188'-10 201'-4	4' x 10' x 32'
	213'-10 226'-4	4' x 10' x 34'
	243'-0	



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 H44-66-07.

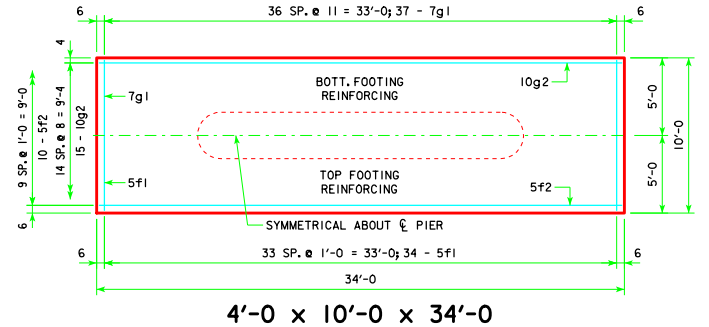
THESE SPREAD FOOTINGS SHALL EXTEND AT LEAST 6 INCHES INTO SUITABLE FOUNDATION ROCK AND THE LAST 6 INCHES OF ROCK EXCAVATION SHALL BE TO NEAT LINES OF MASONRY. THE FOUNDATION ROCK SHALL HAVE A MINIMUM LRFD NOMINAL BEARING RESISTANCE OF 30 KIIPS PER SQUARE FOOT (ALLOWABLE BEARING VALUE OF AT LEAST 5 TONS PER SQUARE FOOT).



d2 BAR LAYOUT
(SEE SECTION A-A ON SHEET H44-66-07.)

d2
NOTE: D = PIN DIAMETER.
DIMENSIONS ARE OUT TO OUT.

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (L.B.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (L.B.)		
4' x 8' x 30'	d2	50 - #10 AS SHOWN	11'-4	2438	4280	35.6
	f1	30 - #5 @ 1'-0	7'-8	240		
	f2	8 - #5 @ 1'-0	29'-8	248		
	g1	30 - #6 @ 1'-0	7'-8	345		
	g2	10 - #9 @ 0'-10	29'-8	1009		
4' x 9' x 30'	d2	50 - #10 AS SHOWN	11'-4	2438	4514	40.0
	f1	30 - #5 @ 1'-0	8'-8	271		
	f2	9 - #5 @ 1'-0	29'-8	278		
	g1	32 - #6 @ 0'-11	8'-8	417		
	g2	11 - #9 @ 0'-10	29'-8	1110		
4' x 9' x 32'	d2	50 - #10 AS SHOWN	11'-4	2438	5115	42.7
	f1	32 - #5 @ 1'-0	8'-8	289		
	f2	9 - #5 @ 1'-0	31'-8	297		
	g1	35 - #6 @ 0'-11	8'-8	456		
	g2	12 - #10 @ 0'-9	31'-8	1635		
4' x 10' x 32'	d2	50 - #10 AS SHOWN	11'-4	2438	5554	47.4
	f1	32 - #5 @ 1'-0	9'-8	323		
	f2	10 - #5 @ 1'-0	31'-8	330		
	g1	35 - #7 @ 0'-11	9'-8	692		
	g2	13 - #10 @ 0'-9	31'-8	1771		
4' x 10' x 34'	d2	50 - #10 AS SHOWN	11'-4	2438	6036	50.4
	f1	34 - #5 @ 1'-0	9'-8	343		
	f2	10 - #5 @ 1'-0	33'-8	351		
	g1	37 - #7 @ 0'-11	9'-8	731		
	g2	15 - #10 @ 0'-8	33'-8	2173		



4'-0 x 10'-0 x 34'-0

LATEST REVISION DATE 04-12 Approved by Bridge Engineer <i>Thomas E. M. Donnell</i>		
	STANDARD DESIGN - 44' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES MARCH, 2007	
	TEE PIER - SPREAD FOOTINGS 30° SKEW - H=25' TO 40'	H44-73-07