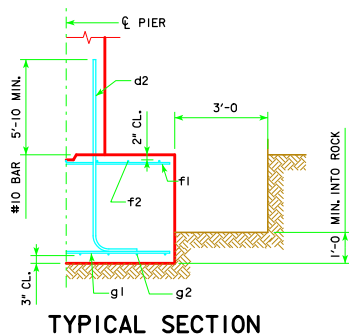
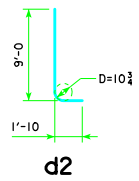


REVISED 04-12 - EXCAVATION LIMIT WAS CHANGED TO 3'-0".

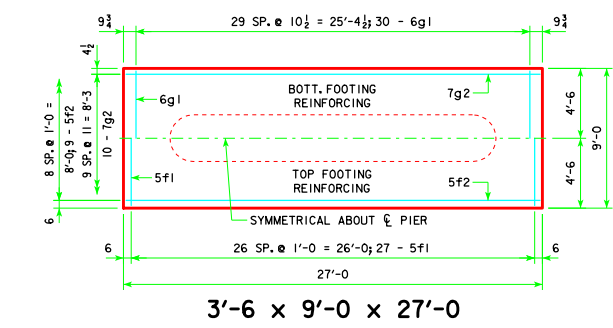


TYPICAL SECTION

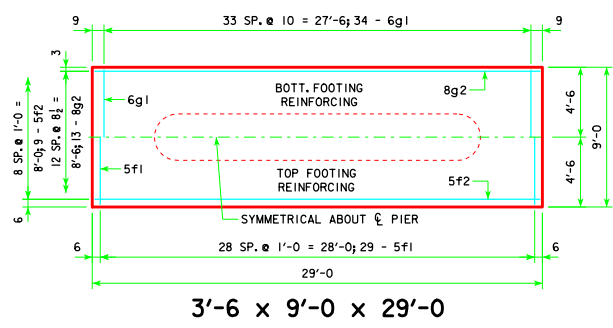
H IN FT.	CL - CL ABUT. BRG.	FOOTING SIZE
16 TO 18	138'-10	3'-6 x 9' x 27'
	151'-4	
	163'-10	
	176'-4	
19 TO 21	188'-10	3'-6 x 9' x 29'
	201'-4	
	213'-10	
	226'-4	
22 TO 24	243'-0	3'-6 x 10' x 31'
	138'-10	
	151'-4	
	163'-10	
	176'-4	3'-6 x 9' x 29'
	188'-10	
	201'-4	
	213'-10	
	226'-4	3'-6 x 9' x 31'
	243'-0	
	138'-10	
	151'-4	
	163'-10	3'-6 x 9' x 29'
	176'-4	
	188'-10	
	201'-4	
	213'-10	3'-6 x 9' x 31'
	226'-4	
	243'-0	
	138'-10	
	151'-4	3'-6 x 9' x 27'
	163'-10	
	176'-4	
	188'-10	
	201'-4	3'-6 x 9' x 29'
	213'-10	
	226'-4	
	243'-0	



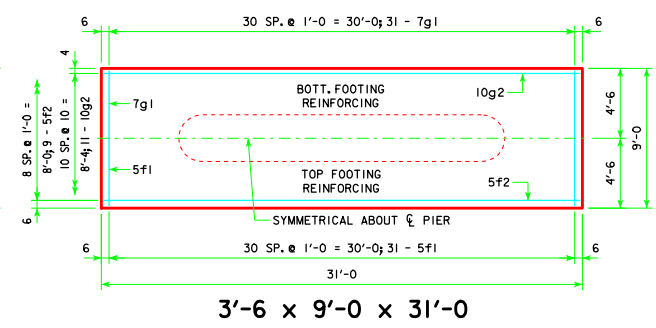
NOTE: D = PIN DIAMETER. DIMENSIONS ARE OUT TO OUT.



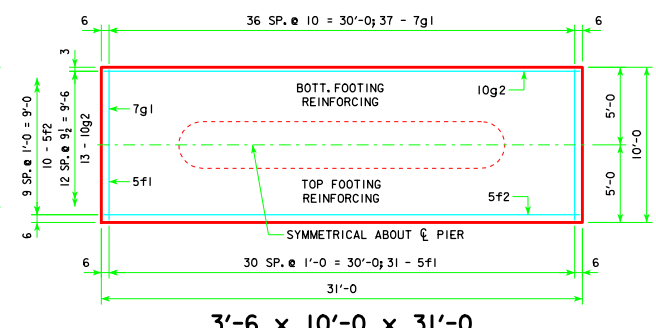
3'-6 x 9'-0 x 27'-0



3'-6 x 9'-0 x 29'-0

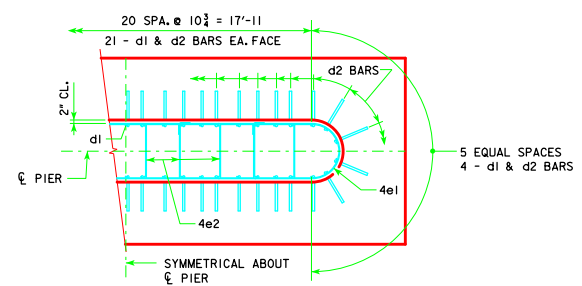


3'-6 x 9'-0 x 31'-0



3'-6 x 10'-0 x 31'-0

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				STRUCTURAL CONCRETE (CY)	
	BAR	NO., SIZE & SPACING	LENGTH	TOTAL WEIGHT (LB.)		
3'-6 x 9' x 27'	d2	50 - #10 AS SHOWN	10'-10	2331	3761	31.5
	f1	27 - #5 @ 1'-0	8'-8	244		
	f2	9 - #5 @ 1'-0	26'-8	250		
	g1	30 - #6 @ 0'-10 1/2	8'-8	391		
	g2	10 - #7 @ 0'-11	26'-8	545		
3'-6 x 9' x 29'	d2	50 - #10 AS SHOWN	10'-10	2331	4300	33.8
	f1	29 - #5 @ 1'-0	8'-8	262		
	f2	9 - #5 @ 1'-0	28'-8	269		
	g1	34 - #6 @ 0'-10	8'-8	443		
	g2	13 - #8 @ 0'-8 1/2	28'-8	995		
3'-6 x 9' x 31'	d2	50 - #10 AS SHOWN	10'-10	2331	4900	36.2
	f1	31 - #5 @ 1'-0	8'-8	280		
	f2	9 - #5 @ 1'-0	30'-8	288		
	g1	31 - #7 @ 1'-0	8'-8	549		
	g2	11 - #10 @ 0'-10	30'-8	1452		
3'-6 x 10' x 31'	d2	50 - #10 AS SHOWN	10'-10	2331	5410	40.2
	f1	31 - #5 @ 1'-0	9'-8	313		
	f2	10 - #5 @ 1'-0	30'-8	320		
	g1	37 - #7 @ 0'-10	9'-8	731		
	g2	13 - #10 @ 0'-9 1/2	30'-8	1715		



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

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).

04-12 LATEST REVISION DATE	<i>Thomas E. M. Donnell</i> APPROVED BY BRIDGE ENGINEER		
		STANDARD DESIGN - 44' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES MARCH, 2007	
TEE PIER - SPREAD FOOTINGS 30° SKEW - H=16' TO 24'		H44-72-07	