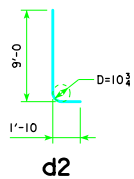


TYPICAL SECTION

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

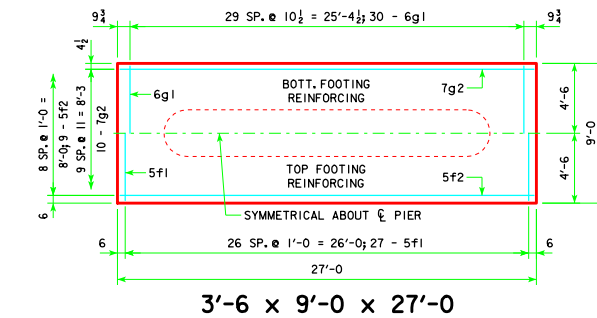
NOTE: THE REINFORCING STEEL QUANTITY IS TO BE INCLUDED ON THE SUMMARY QUANTITIES SHEET IN THE PLAN.
NOTE: THE CONCRETE QUANTITY IS TO BE INCLUDED ON THE SUMMARY QUANTITIES SHEET IN THE PLAN.



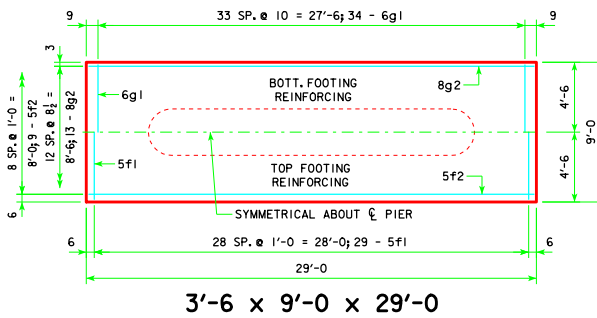
d2

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

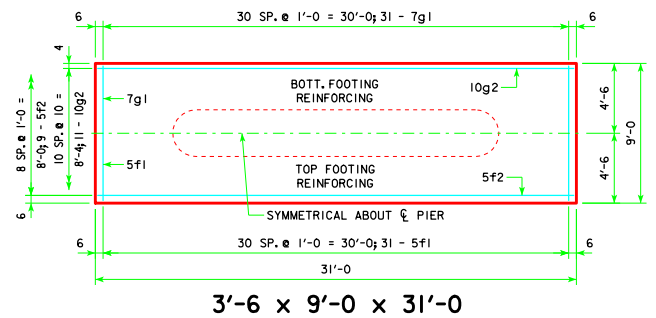
FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				STRUCTURAL CONCRETE (CY)	
	BAR	NO., SIZE & SPACING	LENGTH	TOTAL WEIGHT (LB.)		
3'-6 x 9' x 27'	d2	50 - #10 AS SHOWN	10'-10	2331	3761	31.5
	f1	27 - #5 @ 1'-0	8'-8	244		
	f2	9 - #5 @ 1'-0	26'-8	250		
	g1	30 - #6 @ 0'-10 1/2	8'-8	391		
	g2	10 - #7 @ 0'-11	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		



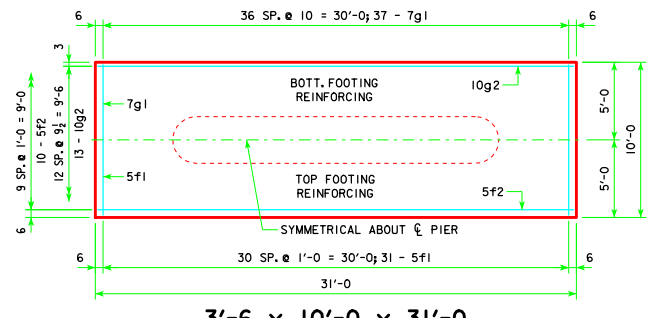
3'-6 x 9'-0 x 27'-0



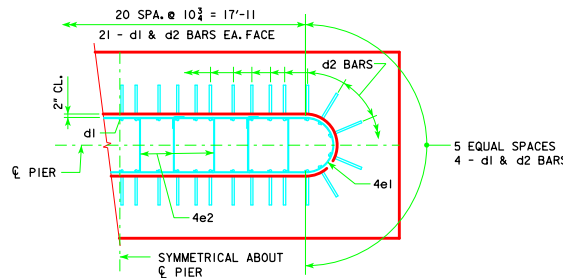
3'-6 x 9'-0 x 29'-0



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



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



d2 BAR LAYOUT
(SEE SECTION A-A ON SHEET H44-66-14.)

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 H44-66-14.

THESE SPREAD FOOTINGS SHALL EXTEND AT LEAST 12 INCHES INTO SUITABLE FOUNDATION ROCK AND THE LAST 12 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 SERVICE LOAD BEARING VALUE OF AT LEAST 10 KIPS PER SQUARE FOOT).

LATEST REVISION DATE	 APPROVED BY BRIDGE ENGINEER	 STANDARD DESIGN - 44' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES SEPTEMBER, 2014	
		TEE PIER - SPREAD FOOTINGS	
		H44-72-14 30° SKEW - H=16' TO 24'	