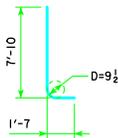


TYPICAL SECTION

H IN FT.	CL - CL ABUT. BRG.	FOOTING SIZE
16 TO 18	138'-10	3'-6 x 9' x 26'
	151'-4	
	163'-10	
	176'-4	
	188'-10	
19 TO 21	201'-4	3'-6 x 9' x 28'
	213'-10	
	226'-4	
	239'-0	
	251'-6	
22 TO 24	138'-10	3'-6 x 9' x 26'
	151'-4	
	163'-10	
	176'-4	
	188'-10	
	201'-4	3'-6 x 9' x 30'
	213'-10	
	226'-4	
	239'-0	
	251'-6	

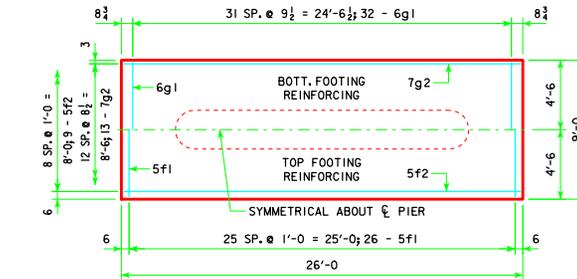
NOTE: THE REINFORCING STEEL QUANTITY IS TO BE INCLUDED ON THE SUMMARY QUANTITIES SHEET IN THE PLAN.
NOTE: THE CONCRETE QUANTITY IS TO BE INCLUDED ON THE SUMMARY QUANTITIES SHEET IN THE PLAN.



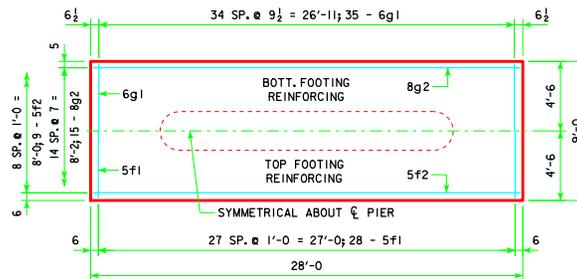
d2

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

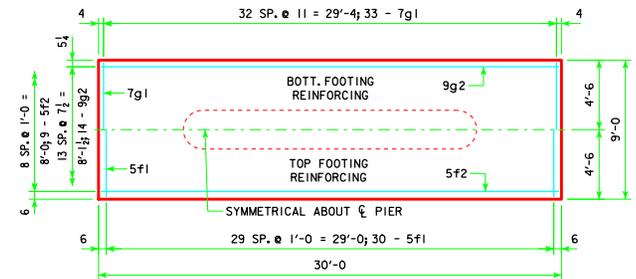
FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
3'-6 x 9' x 26'	d2	48 - #9 AS SHOWN	9'-5	1537	3112	30.3
	f1	26 - #5 @ 1'-0	8'-8	235		
	f2	9 - #5 @ 1'-0	25'-8	241		
	g1	32 - #6 @ 0'-9½	8'-8	417		
	g2	13 - #7 @ 0'-8½	25'-8	682		
	d2	48 - #9 AS SHOWN	9'-5	1537		
3'-6 x 9' x 28'	f1	28 - #5 @ 1'-0	8'-8	253	3614	32.7
	f2	9 - #5 @ 1'-0	27'-8	260		
	g1	35 - #6 @ 0'-9½	8'-8	456		
	g2	15 - #8 @ 0'-7	27'-8	1108		
	d2	48 - #9 AS SHOWN	9'-5	1537		
	f1	30 - #5 @ 1'-0	8'-8	271		
3'-6 x 9' x 30'	f2	9 - #5 @ 1'-0	29'-8	278	4083	35.0
	g1	33 - #7 @ 0'-11	8'-8	585		
	g2	14 - #9 @ 0'-7½	29'-8	1412		
	d2	48 - #9 AS SHOWN	9'-5	1537		
	f1	30 - #5 @ 1'-0	9'-8	302		
	f2	10 - #5 @ 1'-0	29'-8	309		
3'-6 x 10' x 30'	g1	33 - #8 @ 0'-11	9'-8	852	4660	38.9
	g2	13 - #10 @ 0'-9½	29'-8	1660		



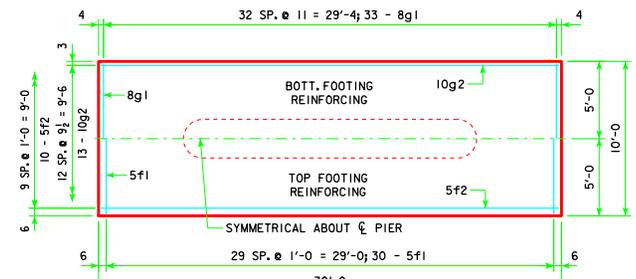
3'-6 x 9'-0 x 26'-0



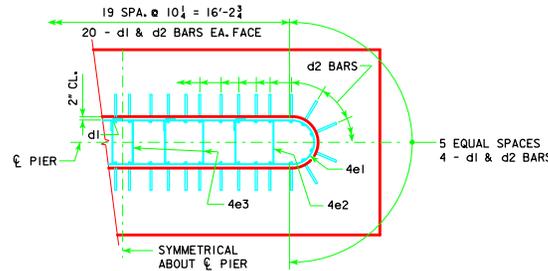
3'-6 x 9'-0 x 28'-0



3'-6 x 9'-0 x 30'-0



3'-6 x 10'-0 x 30'-0



d2 BAR LAYOUT

(SEE SECTION A-A ON SHEET H44-58-14.)

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 H44-58-14.

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	H44-64-14		
				TEE PIER - SPREAD FOOTINGS	
				15° SKEW - H=16' TO 24'	