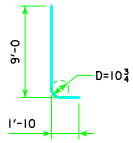


TYPICAL SECTION

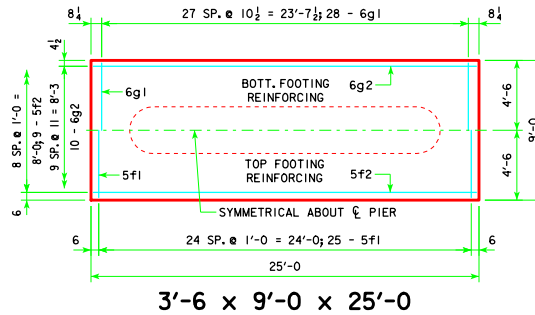
H IN FT.	CL. - CL. ABUT. BRG.	FOOTING SIZE
16 TO 18	138'-10	3'-6 x 9' x 25'
	151'-4	3'-6 x 9' x 25'
	163'-10	3'-6 x 9' x 27'
	176'-4	3'-6 x 9' x 27'
	188'-10	3'-6 x 9' x 29'
19 TO 21	201'-4	3'-6 x 9' x 29'
	213'-10	3'-6 x 9' x 31'
	226'-4	3'-6 x 9' x 31'
	243'-0	3'-6 x 9' x 31'
	22 TO 24	138'-10
151'-4		3'-6 x 9' x 25'
163'-10		3'-6 x 9' x 27'
176'-4		3'-6 x 9' x 27'
188'-10		3'-6 x 9' x 29'
	201'-4	3'-6 x 9' x 29'
	213'-10	3'-6 x 9' x 31'
	226'-4	3'-6 x 9' x 31'
	243'-0	3'-6 x 9' x 31'



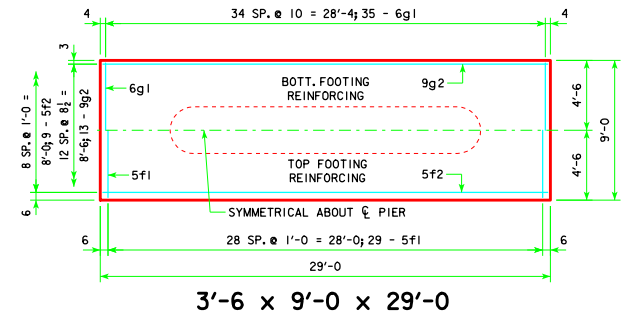
d2
NOTE: D = PIN DIAMETER.
DIMENSIONS ARE OUT TO OUT.

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

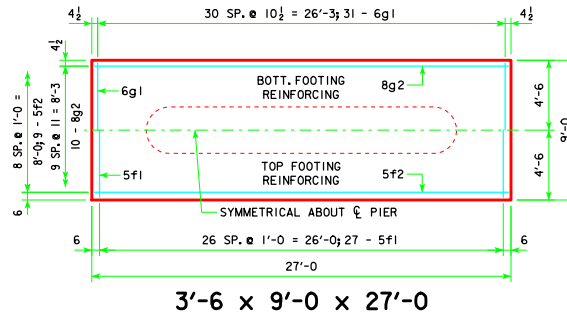
NOTE: THE CONCRETE QUANTITY IS TO BE INCLUDED ON THE SUMMARY QUANTITIES SHEET IN THE PLAN.



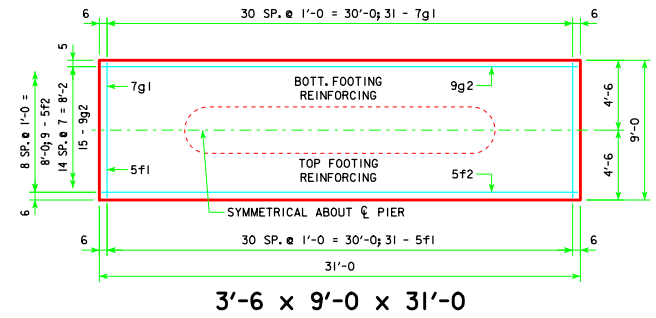
3'-6 x 9'-0 x 25'-0



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

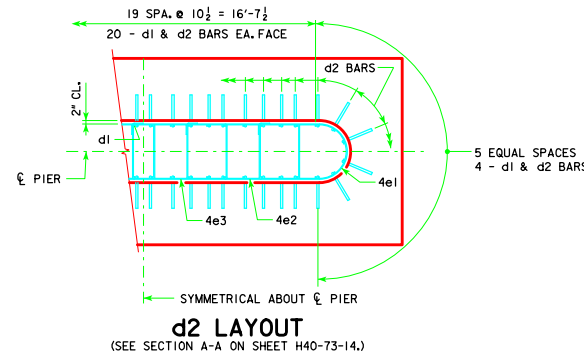


3'-6 x 9'-0 x 27'-0



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

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
3'-6 x 9' x 25'	d2	48 - #10 AS SHOWN	10'-10	2238	3430	29.2
	f1	25 - #5 @ 1'-0	8'-8	226		
	f2	9 - #5 @ 1'-0	24'-8	232		
	g1	28 - #6 @ 0'-10 1/2	8'-8	364		
	g2	10 - #6 @ 0'-11	24'-8	370		
	d2	48 - #10 AS SHOWN	10'-10	2238		
3'-6 x 9' x 27'	f1	27 - #5 @ 1'-0	8'-8	244	3848	31.5
	f2	9 - #5 @ 1'-0	26'-8	250		
	g1	31 - #6 @ 0'-10 1/2	8'-8	404		
	g2	10 - #6 @ 0'-11	26'-8	712		
	d2	48 - #10 AS SHOWN	10'-10	2238		
	f1	29 - #5 @ 1'-0	8'-8	262		
3'-6 x 9' x 29'	f2	9 - #5 @ 1'-0	28'-8	269	4492	33.8
	g1	35 - #6 @ 0'-10	8'-8	456		
	g2	13 - #9 @ 0'-8 1/2	28'-8	1267		
	d2	48 - #10 AS SHOWN	10'-10	2238		
	f1	31 - #5 @ 1'-0	8'-8	280		
	f2	9 - #5 @ 1'-0	30'-8	288		
3'-6 x 9' x 31'	g1	31 - #7 @ 1'-0	8'-8	549	4919	36.2
	g2	15 - #9 @ 0'-7	30'-8	1564		



d2 LAYOUT
(SEE SECTION A-A ON SHEET H40-73-14.)

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 H40-73-14.

THESE SPREAD FOOTINGS SHALL EXTEND AT LEAST 12 INCHES INTO SUITABLE FOUNDATION ROCK AND THE LAST 12 INCHES OF ROCK EXCAVATION SHALL BE TO NOMINAL 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 - 40' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES SEPTEMBER, 2014	H40-79-14
		TEE PIER - SPREAD FOOTINGS 30° SKEW - H=16' TO 24'	