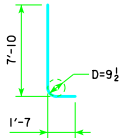


TYPICAL SECTION

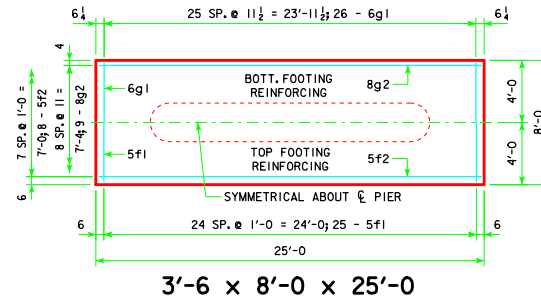
H IN FT.	CL. - CL. ABUT. FT.	FOOTING SIZE
16 TO 18	138'-10	3'-6 x 8' x 25'
	151'-4	3'-6 x 9' x 25'
	163'-10	3'-6 x 9' x 27'
	176'-4	3'-6 x 10' x 27'
19 TO 21	188'-10	3'-6 x 8' x 25'
	201'-4	3'-6 x 9' x 25'
	213'-10	3'-6 x 9' x 27'
	226'-4	3'-6 x 10' x 27'
22 TO 24	243'-0	3'-6 x 8' x 25'
	138'-10	3'-6 x 9' x 25'
	151'-4	3'-6 x 9' x 27'
	163'-10	3'-6 x 10' x 27'
	176'-4	3'-6 x 8' x 25'
	188'-10	3'-6 x 9' x 25'
	201'-4	3'-6 x 9' x 27'
	213'-10	3'-6 x 10' x 27'
	226'-4	3'-6 x 8' x 25'
	243'-0	3'-6 x 9' x 25'
	138'-10	3'-6 x 9' x 27'
	151'-4	3'-6 x 10' x 27'



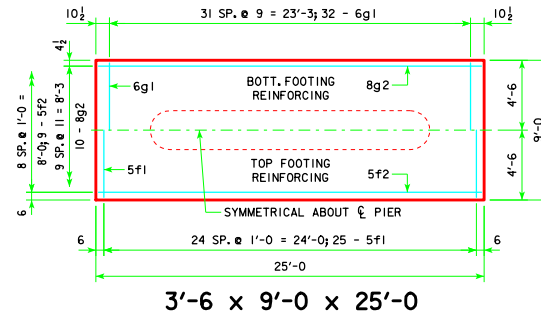
d2
NOTE: D = PIN DIAMETER.
DIMENSIONS ARE OUT TO OUT.

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

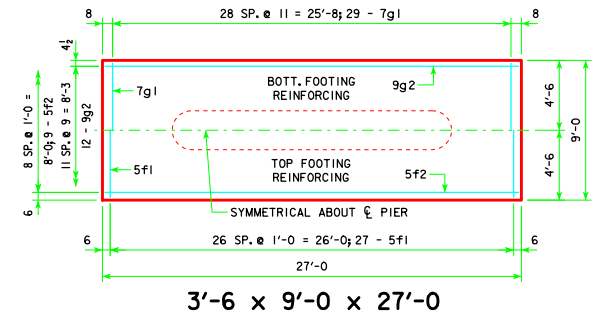
NOTE: THE CONCRETE QUANTITY IS TO BE INCLUDED ON THE SUMMARY QUANTITIES SHEET IN THE PLAN.



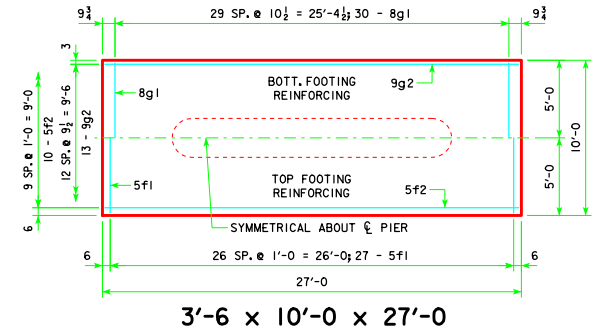
3'-6 x 8'-0 x 25'-0



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

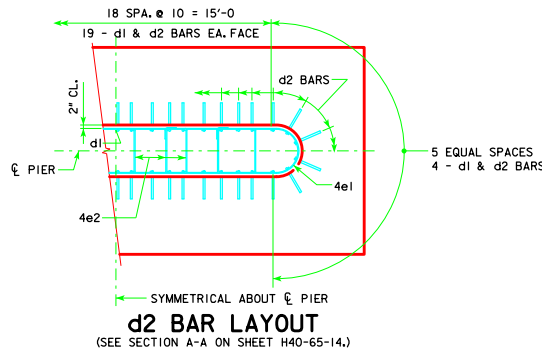


3'-6 x 9'-0 x 27'-0



3'-6 x 10'-0 x 27'-0

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
3'-6 x 8' x 25'	d2	46 - #9 AS SHOWN	9'-5	1473	2771	25.9
	f1	25 - #5 @ 1'-0	7'-8	200		
	f2	8 - #5 @ 1'-0	24'-8	206		
	g1	26 - #6 @ 0'-11 1/2	7'-8	299		
	g2	9 - #8 @ 0'-11	24'-8	593		
	d2	46 - #9 AS SHOWN	9'-5	1473		
3'-6 x 9' x 25'	f1	25 - #5 @ 1'-0	8'-8	226	3007	29.2
	f2	9 - #5 @ 1'-0	24'-8	232		
	g1	32 - #6 @ 0'-9	8'-8	417		
	g2	10 - #8 @ 0'-11 1/2	24'-8	659		
	d2	46 - #9 AS SHOWN	9'-5	1473		
	f1	27 - #5 @ 1'-0	8'-8	244		
3'-6 x 9' x 27'	f2	9 - #5 @ 1'-0	26'-8	250	3569	31.5
	g1	29 - #7 @ 0'-11	8'-8	514		
	g2	12 - #9 @ 0'-9	26'-8	1088		
	d2	46 - #9 AS SHOWN	9'-5	1473		
	f1	27 - #5 @ 1'-0	8'-8	244		
	f2	10 - #5 @ 1'-0	26'-8	278		
3'-6 x 10' x 27'	g1	30 - #8 @ 0'-10 1/2	9'-8	774	3976	35.0
	g2	13 - #9 @ 0'-9 1/2	26'-8	1179		



d2 BAR LAYOUT
(SEE SECTION A-A ON SHEET H40-65-14.)

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 H40-65-14.

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	 STANDARD DESIGN - 40' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES SEPTEMBER, 2014	TEE PIER - SPREAD FOOTINGS 15° SKEW - H=16' TO 24'	H40-71-14