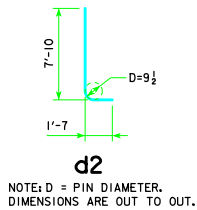


TYPICAL SECTION

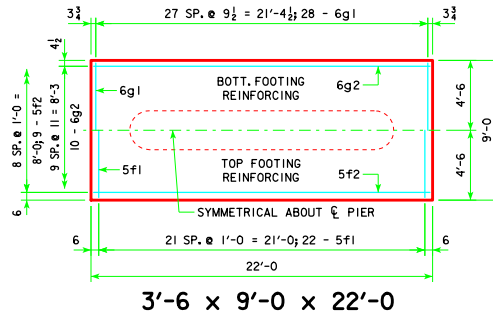
H IN FT.	CL. ABUT. BRG.	FOOTING SIZE
16 TO 18	138'-10	3'-6 x 9' x 22'
	151'-4	3'-6 x 9' x 24'
	163'-10	3'-6 x 9' x 26'
	176'-4	3'-6 x 9' x 28'
19 TO 21	188'-10	3'-6 x 9' x 22'
	201'-4	3'-6 x 9' x 24'
	213'-10	3'-6 x 9' x 26'
	226'-4	3'-6 x 9' x 28'
22 TO 24	243'-0	3'-6 x 9' x 22'
	138'-10	3'-6 x 9' x 24'
	151'-4	3'-6 x 9' x 26'
	163'-10	3'-6 x 9' x 28'
	176'-4	3'-6 x 9' x 30'
	188'-10	3'-6 x 9' x 32'
	201'-4	3'-6 x 9' x 34'
	213'-10	3'-6 x 9' x 36'
	226'-4	3'-6 x 9' x 38'
	243'-0	3'-6 x 9' x 40'



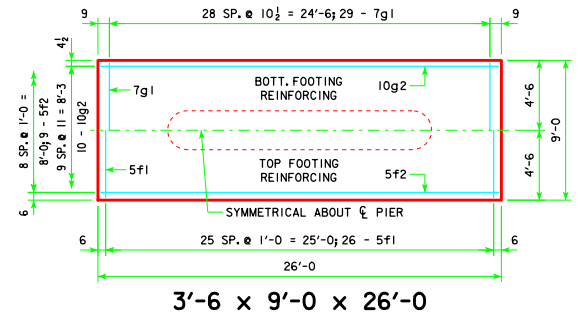
d2
NOTE: D = PIN DIAMETER. DIMENSIONS ARE OUT TO OUT.

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

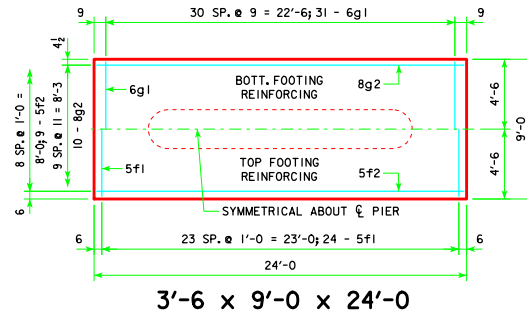
NOTE: THE CONCRETE QUANTITY IS TO BE INCLUDED ON THE SUMMARY QUANTITIES SHEET IN THE PLAN.



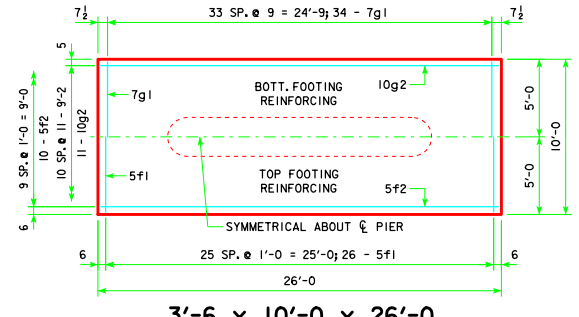
3'-6 x 9'-0 x 22'-0



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

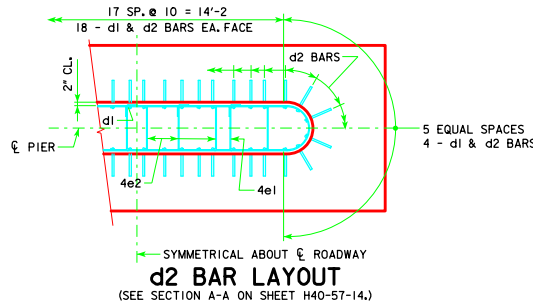


3'-6 x 9'-0 x 24'-0



3'-6 x 10'-0 x 26'-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 22'	d2	44 - #9 AS SHOWN	9'-5	1409	2500	25.7
	f1	22 - #5 @ 1'-0	8'-8	199		
	f2	9 - #5 @ 1'-0	21'-8	203		
	g1	28 - #6 @ 0'-9 1/2	8'-8	364		
	g2	10 - #6 @ 0'-11	21'-8	325		
	d2	44 - #9 AS SHOWN	9'-5	1409		
3'-6 x 9' x 24'	f1	24 - #5 @ 1'-0	8'-8	217	2884	28.0
	f2	9 - #5 @ 1'-0	23'-8	222		
	g1	31 - #6 @ 0'-9	8'-8	404		
	g2	10 - #6 @ 0'-11	23'-8	632		
	d2	44 - #9 AS SHOWN	9'-5	1409		
	f1	26 - #5 @ 1'-0	8'-8	235		
3'-6 x 9' x 26'	f2	9 - #5 @ 1'-0	25'-8	241	3503	30.3
	g1	29 - #7 @ 0'-10 1/2	8'-8	514		
	g2	10 - #10 @ 0'-10	25'-8	1104		
	d2	44 - #9 AS SHOWN	9'-5	1409		
	f1	26 - #5 @ 1'-0	9'-8	262		
	f2	10 - #5 @ 1'-0	25'-8	268		
3'-6 x 10' x 26'	g1	34 - #7 @ 0'-9	9'-8	672	3826	33.7
	g2	11 - #10 @ 0'-11	25'-8	1215		



d2 BAR LAYOUT
(SEE SECTION A-A ON SHEET H40-57-14.)

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 H40-57-14.

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 - 40' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES SEPTEMBER, 2014	
		TEE PIER - SPREAD FOOTINGS	
		H40-63-14 0° SKEW - H=16' TO 24'	