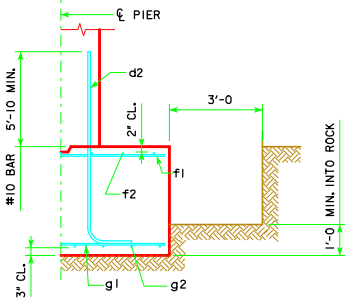
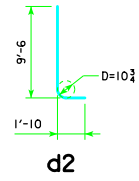


REVISED 04-12 - EXCAVATION LIMIT WAS CHANGED TO 3'-0".

FIN. FT.	CL. - CL. ABUT. BRG.	FOOTING SIZE
25 TO 27	138'-10"	4' x 9' x 26'
	151'-4"	4' x 9' x 28'
	163'-10"	4' x 9' x 30'
	176'-4"	4' x 9' x 32'
28 TO 30	188'-10"	4' x 9' x 26'
	151'-4"	4' x 9' x 28'
	163'-10"	4' x 9' x 30'
	176'-4"	4' x 9' x 32'
31 TO 33	188'-10"	4' x 9' x 26'
	151'-4"	4' x 9' x 28'
	163'-10"	4' x 9' x 30'
	176'-4"	4' x 9' x 32'
34 TO 36	188'-10"	4' x 9' x 26'
	151'-4"	4' x 9' x 28'
	163'-10"	4' x 9' x 30'
	176'-4"	4' x 9' x 32'
37 TO 40	188'-10"	4' x 10' x 32'
	151'-4"	4' x 9' x 26'
	163'-10"	4' x 9' x 28'
	176'-4"	4' x 9' x 30'
	188'-10"	4' x 9' x 32'
	201'-4"	4' x 9' x 26'
	213'-10"	4' x 9' x 28'
	226'-4"	4' x 9' x 30'
	243'-0"	4' x 10' x 32'

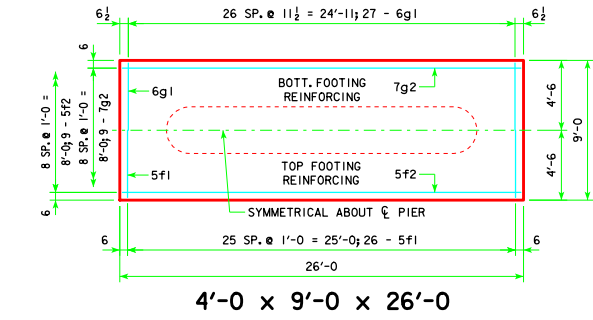


TYPICAL SECTION

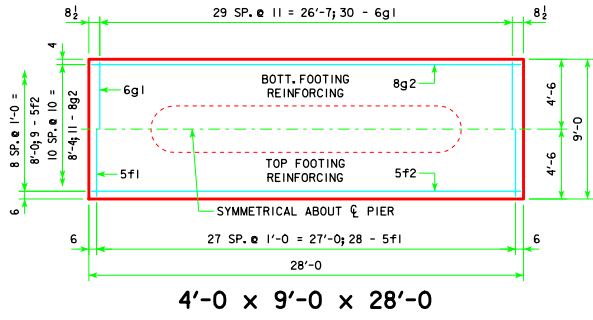


d2
NOTE: D = PIN DIAMETER. DIMENSIONS ARE OUT TO OUT.

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (L.B.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (L.B.)		
4' x 9' x 26'	d2	48 - #10 AS SHOWN	11'-4"	2341	3640	34.7
	f1	26 - #5 @ 1'-0"	8'-8"	235		
	f2	9 - #5 @ 1'-0"	25'-8"	241		
	g1	27 - #6 @ 0'-11 1/2"	8'-8"	351		
	g2	9 - #7 @ 1'-0"	25'-8"	472		
4' x 9' x 28'	d2	48 - #10 AS SHOWN	11'-4"	2341	4058	37.3
	f1	28 - #5 @ 1'-0"	8'-8"	253		
	f2	9 - #5 @ 1'-0"	27'-8"	260		
	g1	30 - #6 @ 0'-11 1/2"	8'-8"	391		
	g2	11 - #8 @ 0'-10"	27'-8"	813		
4' x 9' x 30'	d2	48 - #10 AS SHOWN	11'-4"	2341	4724	40.0
	f1	30 - #5 @ 1'-0"	8'-8"	271		
	f2	9 - #5 @ 1'-0"	29'-8"	278		
	g1	33 - #6 @ 0'-11 1/2"	8'-8"	430		
	g2	11 - #10 @ 0'-10"	29'-8"	1404		
4' x 9' x 32'	d2	48 - #10 AS SHOWN	11'-4"	2341	5265	42.7
	f1	32 - #5 @ 1'-0"	8'-8"	289		
	f2	9 - #5 @ 1'-0"	31'-8"	297		
	g1	32 - #7 @ 1'-0"	8'-8"	567		
	g2	13 - #10 @ 0'-8 1/2"	31'-8"	1771		
4' x 10' x 32'	d2	48 - #10 AS SHOWN	11'-4"	2341	5594	47.4
	f1	32 - #5 @ 1'-0"	9'-8"	323		
	f2	10 - #5 @ 1'-0"	31'-8"	330		
	g1	35 - #7 @ 0'-11 1/2"	9'-8"	692		
	g2	14 - #10 @ 0'-8 1/2"	31'-8"	1908		



4'-0 x 9'-0 x 26'-0

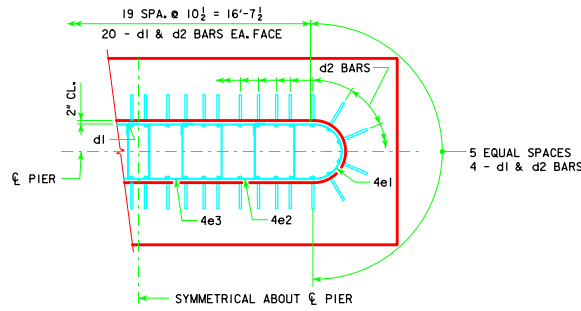


4'-0 x 9'-0 x 28'-0

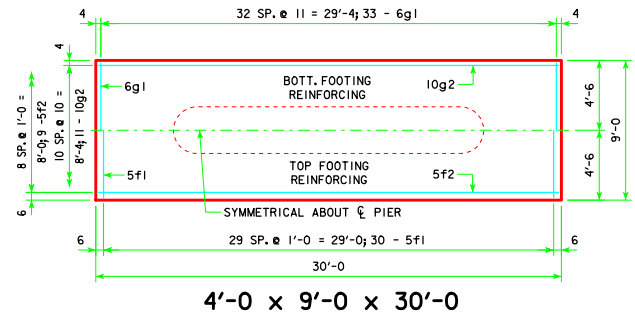
FOOTING NOTES:

THESE SPREAD FOOTINGS ARE DESIGNED AND DETAILED TO BE USED WITH THE CAP AND COLUMN DETAILS OF THE TEE PIERS AS SHOWN ON SHEET H40-73-06.

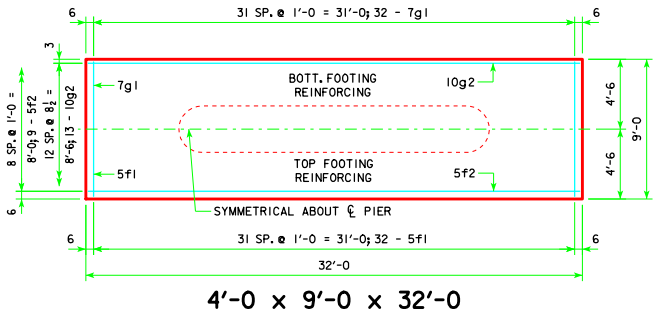
THESE SPREAD FOOTINGS SHALL EXTEND AT LEAST 6 INCHES INTO SUITABLE FOUNDATION ROCK AND THE LAST 6 INCHES OF ROCK EXCAVATION SHALL BE TO NEAT LINES OF MASONRY. THE FOUNDATION ROCK SHALL HAVE A MINIMUM LRFD NOMINAL BEARING RESISTANCE OF 30 KIIPS PER SQUARE FOOT (ALLOWABLE BEARING VALUE OF AT LEAST 5 TONS PER SQUARE FOOT).



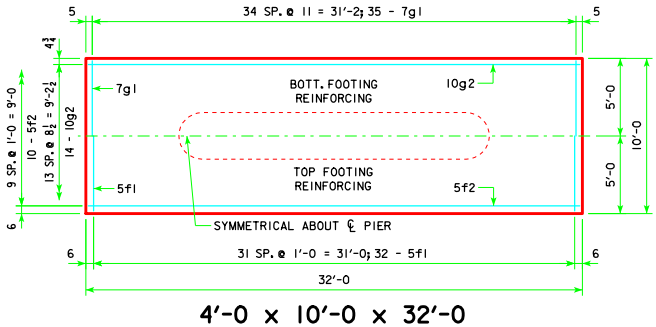
d2 LAYOUT
(SEE SECTION A-A ON SHEET H40-73-06.)



4'-0 x 9'-0 x 30'-0



4'-0 x 9'-0 x 32'-0



4'-0 x 10'-0 x 32'-0

04-12 LATEST REVISION DATE <i>Thomas E. Mc Donnell</i> APPROVED BY BRIDGE ENGINEER		
	STANDARD DESIGN - 40' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES AUGUST, 2009	
	TEE PIER - SPREAD FOOTINGS	H40-80-06
	30° SKEW - H=25' TO 40'	