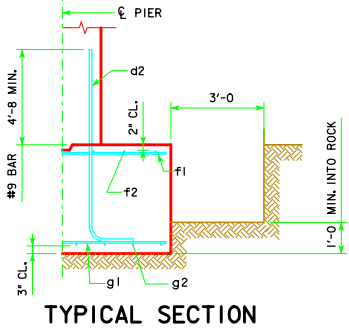
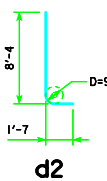


REVISED 04-12 - EXCAVATION LIMIT WAS CHANGED TO 3'-0".

H IN FT.	CL. - ABUT. BRG.	FOOTING SIZE
25 TO 27	138'-10"	4' x 8' x 26'
	151'-4"	4' x 9' x 26'
	163'-0"	4' x 9' x 28'
	176'-4"	4' x 9' x 28'
	188'-10"	4' x 9' x 28'
	201'-4"	4' x 9' x 30'
	213'-10"	4' x 9' x 30'
	226'-4"	4' x 9' x 30'
	243'-0"	4' x 10' x 30'
28 TO 30	138'-10"	4' x 9' x 26'
	151'-4"	4' x 9' x 26'
	163'-10"	4' x 9' x 28'
	176'-4"	4' x 9' x 28'
	188'-10"	4' x 9' x 28'
	201'-4"	4' x 9' x 30'
	213'-10"	4' x 9' x 30'
	226'-4"	4' x 10' x 30'
	243'-0"	4' x 10' x 30'
31 TO 33	138'-10"	4' x 9' x 26'
	151'-4"	4' x 9' x 26'
	163'-10"	4' x 9' x 28'
	176'-4"	4' x 9' x 28'
	188'-10"	4' x 9' x 28'
	201'-4"	4' x 9' x 30'
	213'-10"	4' x 9' x 30'
	226'-4"	4' x 10' x 30'
	243'-0"	4' x 10' x 30'
34 TO 36	138'-10"	4' x 9' x 26'
	151'-4"	4' x 9' x 26'
	163'-10"	4' x 9' x 28'
	176'-4"	4' x 9' x 28'
	188'-10"	4' x 9' x 28'
	201'-4"	4' x 9' x 30'
	213'-10"	4' x 9' x 30'
	226'-4"	4' x 10' x 30'
	243'-0"	4' x 10' x 30'
37 TO 40	138'-10"	4' x 9' x 26'
	151'-4"	4' x 9' x 26'
	163'-10"	4' x 9' x 28'
	176'-4"	4' x 9' x 28'
	188'-10"	4' x 9' x 28'
	201'-4"	4' x 9' x 30'
	213'-10"	4' x 9' x 30'
	226'-4"	4' x 10' x 30'
	243'-0"	4' x 10' x 30'

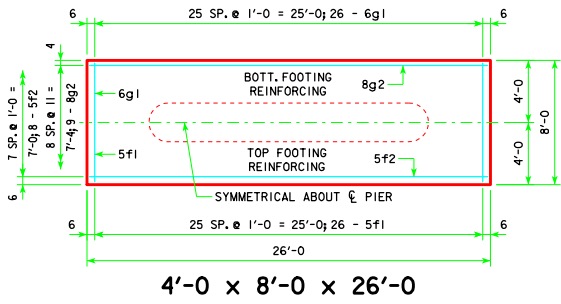


TYPICAL SECTION

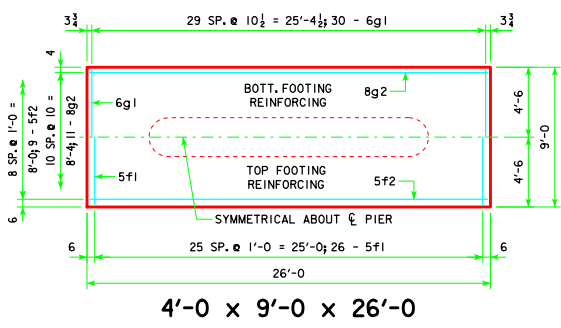


NOTE: D = PIN DIAMETER. DIMENSIONS ARE OUT TO OUT.

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (L.B.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (L.B.)		
4' x 8' x 26'	d2	46 - #9 AS SHOWN	9'-11"	1551	2889	30.8
	f1	26 - #5 @ 1'-0"	7'-8"	208		
	f2	8 - #5 @ 1'-0"	25'-8"	214		
	g1	26 - #6 @ 1'-0"	7'-8"	299		
	g2	9 - #8 @ 0'-11"	25'-8"	617		
4' x 9' x 26'	d2	46 - #9 AS SHOWN	9'-11"	1551	3172	34.7
	f1	26 - #5 @ 1'-0"	8'-8"	235		
	f2	9 - #5 @ 1'-0"	25'-8"	241		
	g1	30 - #6 @ 0'-10 1/2"	8'-8"	391		
	g2	11 - #8 @ 0'-10"	25'-8"	754		
4' x 9' x 28'	d2	46 - #9 AS SHOWN	9'-11"	1551	3717	37.3
	f1	28 - #5 @ 1'-0"	8'-8"	253		
	f2	9 - #5 @ 1'-0"	27'-8"	260		
	g1	33 - #6 @ 0'-10"	8'-8"	430		
	g2	13 - #9 @ 0'-8 1/2"	27'-8"	1223		
4' x 9' x 30'	d2	46 - #9 AS SHOWN	9'-11"	1551	4163	40.0
	f1	30 - #5 @ 1'-0"	9'-8"	271		
	f2	9 - #5 @ 1'-0"	29'-8"	278		
	g1	30 - #7 @ 1'-0"	8'-8"	531		
	g2	12 - #10 @ 0'-9"	29'-8"	1532		
4' x 10' x 30'	d2	46 - #9 AS SHOWN	9'-11"	1551	4596	44.4
	f1	30 - #5 @ 1'-0"	9'-8"	302		
	f2	10 - #5 @ 1'-0"	29'-8"	309		
	g1	30 - #8 @ 1'-0"	9'-8"	774		
	g2	13 - #10 @ 0'-9 1/2"	29'-8"	1660		



4'-0 x 8'-0 x 26'-0

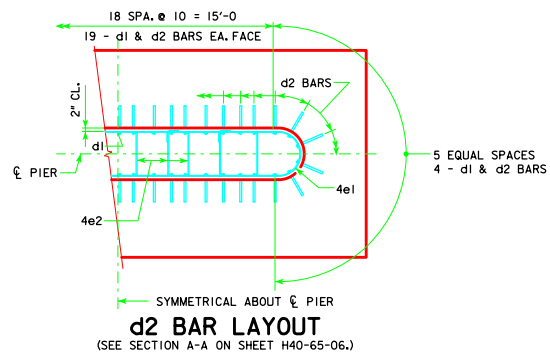


4'-0 x 9'-0 x 26'-0

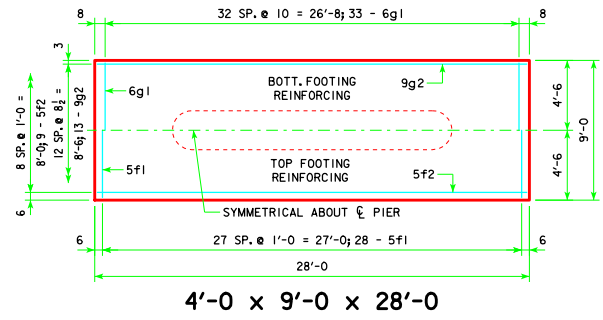
FOOTING NOTES:

THESE SPREAD FOOTINGS ARE DESIGNED AND DETAILED TO BE USED WITH THE CAP AND COLUMN DETAILS OF THE TEE PIERS AS SHOWN ON SHEET H40-65-06.

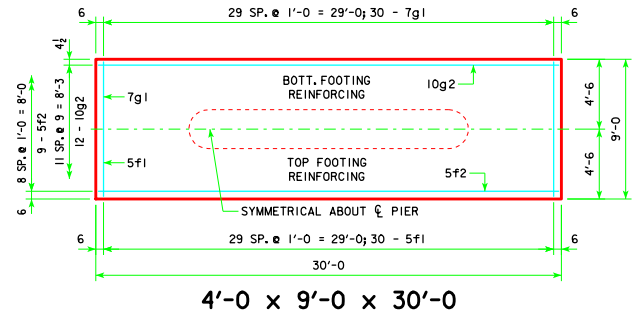
THESE SPREAD FOOTINGS SHALL EXTEND AT LEAST 6 INCHES INTO SUITABLE FOUNDATION ROCK AND THE LAST 6 INCHES OF ROCK EXCAVATION SHALL BE TO NEAT LINES OF MASONRY. THE FOUNDATION ROCK SHALL HAVE A MINIMUM LRFD NOMINAL BEARING RESISTANCE OF 30 kips PER SQUARE FOOT (ALLOWABLE BEARING VALUE OF AT LEAST 5 TONS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



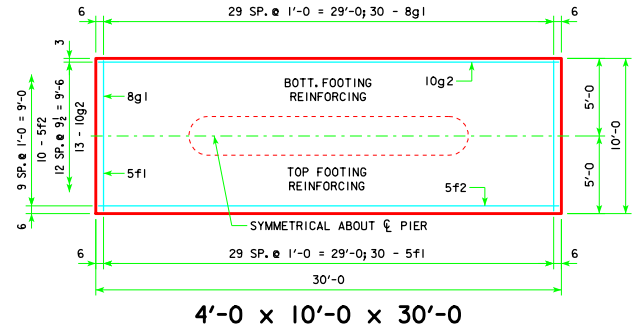
d2 BAR LAYOUT
(SEE SECTION A-A ON SHEET H40-65-06.)



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



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



4'-0 x 10'-0 x 30'-0

04-12 LATEST REVISION DATE	APPROVED BY BRIDGE ENGINEER 	 STANDARD DESIGN - 40' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES AUGUST, 2009	
		TEE PIER - SPREAD FOOTINGS	H40-72-06
		15° SKEW - H=25' TO 40'	