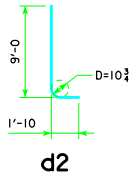
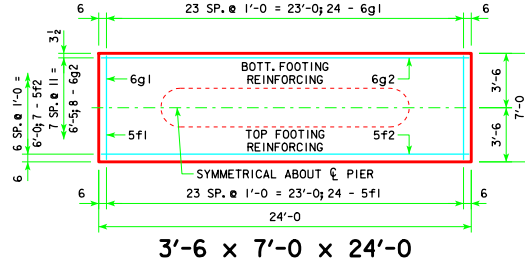


TYPICAL SECTION

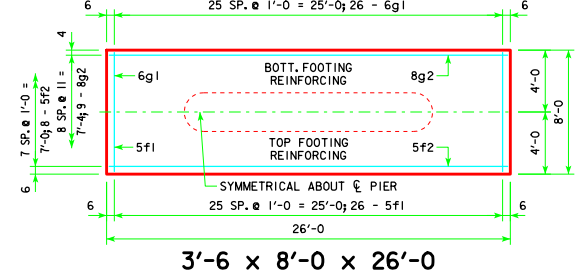
H IN FT.	CL - CL ABUT. BRG.	FOOTING SIZE
16 TO 18	138'-10	3'-6 x 7' x 24'
	151'-4	3'-6 x 7' x 24'
	163'-10	3'-6 x 8' x 24'
	176'-4	3'-6 x 8' x 24'
	188'-10	3'-6 x 8' x 24'
19 TO 21	201'-4	3'-6 x 8' x 26'
	213'-10	3'-6 x 8' x 26'
	226'-4	3'-6 x 8' x 26'
	239'-0	3'-6 x 9' x 26'
	251'-6	3'-6 x 9' x 26'
22 TO 24	138'-10	3'-6 x 7' x 24'
	151'-4	3'-6 x 7' x 24'
	163'-10	3'-6 x 8' x 24'
	176'-4	3'-6 x 8' x 24'
	188'-10	3'-6 x 8' x 24'
25 TO 27	201'-4	3'-6 x 8' x 26'
	213'-10	3'-6 x 8' x 26'
	226'-4	3'-6 x 8' x 26'
	239'-0	3'-6 x 9' x 26'
	251'-6	3'-6 x 9' x 26'



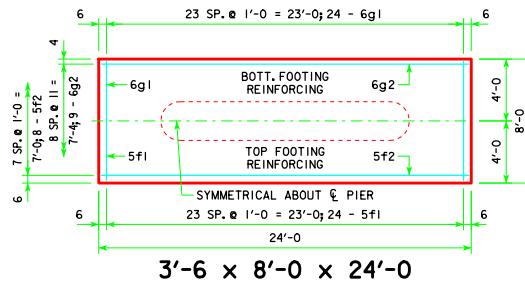
NOTE: D = PIN DIAMETER. DIMENSIONS ARE OUT TO OUT.



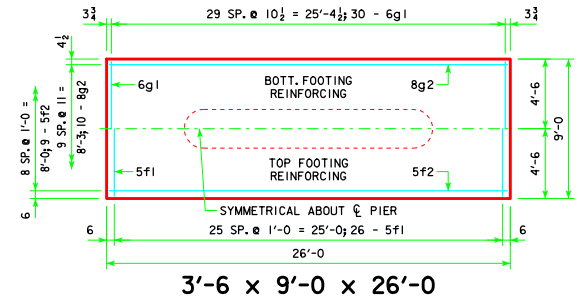
3'-6 x 7'-0 x 24'-0



3'-6 x 8'-0 x 26'-0

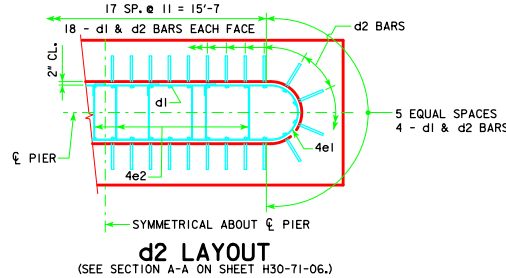


3'-6 x 8'-0 x 24'-0



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

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				STRUCTURAL CONCRETE (CY)	
	BAR	NO., SIZE & SPACING	LENGTH	TOTAL WEIGHT (LB.)		
3'-6 x 7' x 24'	d2	44 - #10 AS SHOWN	10'-10	2051	2915	21.8
	f1	24 - #5 @ 1'-0	6'-8	167		
	f2	7 - #5 @ 1'-0	23'-8	173		
	g1	24 - #6 @ 1'-0	6'-8	240		
	g2	8 - #6 @ 0'-11	23'-8	284		
3'-6 x 8' x 24'	d2	44 - #10 AS SHOWN	10'-10	2051	3036	24.9
	f1	24 - #5 @ 1'-0	7'-8	192		
	f2	8 - #5 @ 1'-0	23'-8	197		
	g1	24 - #6 @ 1'-0	7'-8	276		
	g2	9 - #6 @ 0'-11	23'-8	320		
3'-6 x 8' x 26'	d2	44 - #10 AS SHOWN	10'-10	2051	3389	27.0
	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		
3'-6 x 9' x 26'	d2	44 - #10 AS SHOWN	10'-10	2051	3603	30.3
	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	10 - #8 @ 0'-11	25'-8	685		



(SEE SECTION A-A ON SHEET H30-71-06.)

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 H30-57-06.

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 04-13	APPROVED BY BRIDGE ENGINEER <i>Thomas E. M. Donnell</i>	Iowa Department of Transportation Highway Division	
		STANDARD DESIGN - 30' ROADWAY, THREE SPAN BRIDGES PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES DECEMBER, 2006	
TEE PIER - SPREAD FOOTINGS		H30-76-06	
30° SKEW - H=16' to 24'			