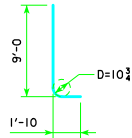


TYPICAL SECTION

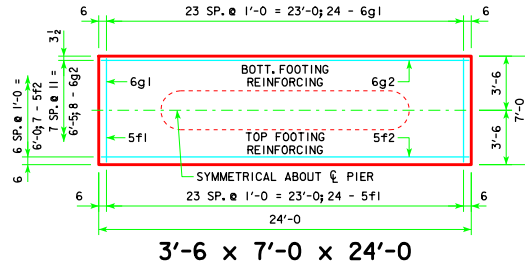
H IN FT.	CL - CL ABUT. BRG.	FOOTING SIZE
16 TO 18	138'-10	3'-6 x 7' x 24'
	151'-4	
	163'-10	
	176'-4	3'-6 x 8' x 24'
	188'-10	
	201'-4	
19 TO 21	213'-10	3'-6 x 9' x 24'
	226'-4	
	243'-0	
	138'-10	3'-6 x 7' x 24'
	151'-4	
	163'-10	
22 TO 24	176'-4	3'-6 x 8' x 24'
	188'-10	
	201'-4	3'-6 x 9' x 24'
	213'-10	
	226'-4	3'-6 x 9' x 26'
	243'-0	



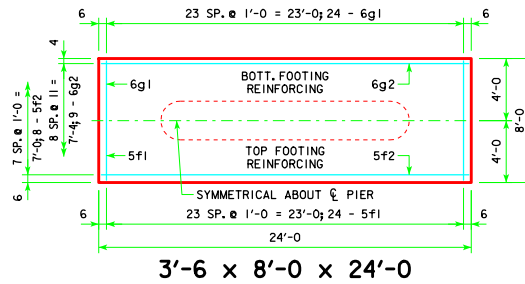
d2

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

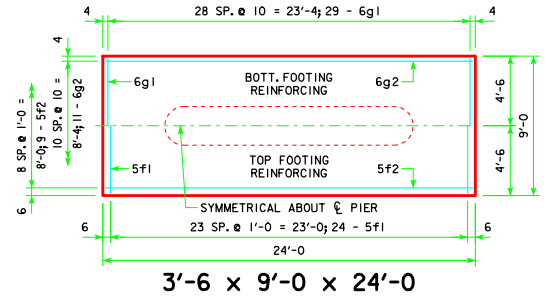
FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
3'-6 x 7' x 24'	d2	44 - #10 AS SHOWN	10'-10	2051	2915	21.8
	f1	24 - #5 @ 1'-0	6'-8	167		
	f2	7 - #5 @ 1'-0	23'-8	173		
	g1	24 - #6 @ 1'-0	6'-8	240		
	g2	8 - #6 @ 0'-11	23'-8	284		
	d2	44 - #10 AS SHOWN	10'-10	2051		
3'-6 x 8' x 24'	f1	24 - #5 @ 1'-0	7'-8	192	3036	24.9
	f2	8 - #5 @ 1'-0	23'-8	197		
	g1	24 - #6 @ 1'-0	7'-8	276		
	g2	9 - #6 @ 0'-11	23'-8	320		
	d2	44 - #10 AS SHOWN	10'-10	2051		
	f1	24 - #5 @ 1'-0	8'-8	217		
3'-6 x 9' x 24'	f2	9 - #5 @ 1'-0	23'-8	222	3259	28.0
	g1	29 - #6 @ 0'-10	8'-8	378		
	g2	11 - #6 @ 0'-10	23'-8	391		
	d2	44 - #10 AS SHOWN	10'-10	2051		
	f1	26 - #5 @ 1'-0	8'-8	235		
	f2	9 - #5 @ 1'-0	25'-8	241		
3'-6 x 9' x 26'	g1	31 - #6 @ 0'-10	8'-8	404	3616	30.3
	g2	10 - #8 @ 0'-11	25'-8	685		



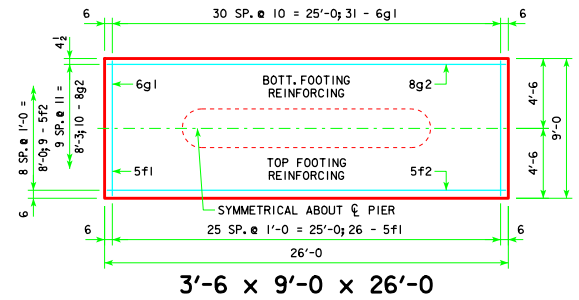
3'-6 x 7'-0 x 24'-0



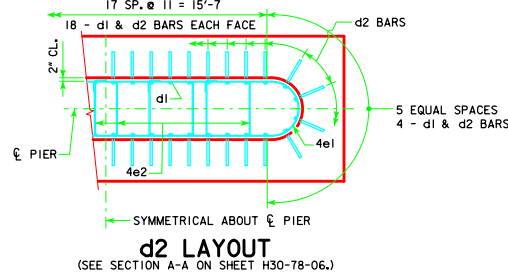
3'-6 x 8'-0 x 24'-0



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



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



d2 LAYOUT (SEE SECTION A-A ON SHEET H30-78-06.)

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 		
	STANDARD DESIGN - 30' ROADWAY, THREE SPAN BRIDGES <b>PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES</b> DECEMBER, 2006	
	<b>TEE PIER - SPREAD FOOTINGS</b>	<b>H30-83-06</b>
	45° SKEW - H=16' to 24'	