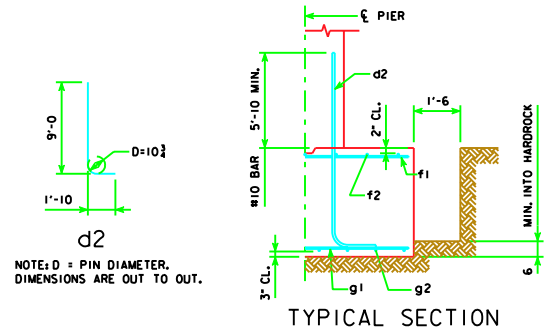
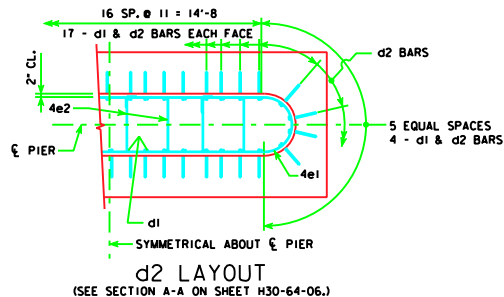
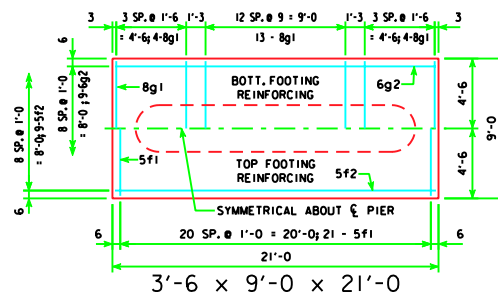
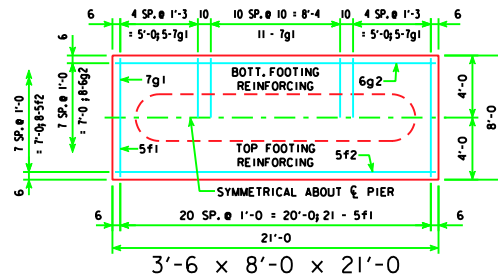
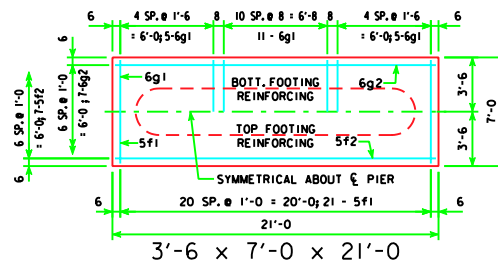


H IN FT.	ξ - ξ ABUT. BRG.	FOOTING SIZE
15 TO 18	138'-10 151'-4 163'-10 176'-4 188'-10	3'-6 x 7' x 21'
	201'-4 213'-10 226'-4 243'-0	3'-6 x 8' x 21'
19 TO 21	138'-10 151'-4 163'-10 176'-4 188'-10 201'-4 213'-10 226'-4 243'-0	3'-6 x 7' x 21'
		3'-6 x 8' x 21'
22 TO 24	138'-10 151'-4 163'-10 176'-4 188'-10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

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
3'-6 x 7' x 21'	d2	42 - #10 AS SHOWN	10'-10	1958	2682	19.1
	f1	21 - #5 @ 1'-0	6'-8	146		
	f2	7 - #5 @ 1'-0	20'-8	151		
	g1	21 - #6 AS SHOWN	6'-8	210		
	g2	7 - #6 @ 1'-0	20'-8	217		
	d2	42 - #10 AS SHOWN	10'-10	1958		
3'-6 x 8' x 21'	f1	21 - #5 @ 1'-0	7'-8	168	2875	21.8
	f2	8 - #5 @ 1'-0	20'-8	172		
	g1	21 - #7 AS SHOWN	7'-8	329		
	g2	8 - #6 @ 1'-0	20'-8	248		
	d2	42 - #10 AS SHOWN	10'-10	1958		
	f1	21 - #5 @ 1'-0	8'-8	190		
3'-6 x 9' x 21'	f2	9 - #5 @ 1'-0	20'-8	194	3107	24.5
	g1	21 - #8 AS SHOWN	8'-8	486		
	g2	9 - #6 @ 1'-0	20'-8	279		



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 H30-64-06.

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 AN ALLOWABLE BEARING VALUE OF AT LEAST 5 TONS PER SQUARE FOOT.

LATEST REVISION DATE	APPROVED BY BRIDGE ENGINEER		STANDARD DESIGN - 30' ROADWAY, THREE SPAN BRIDGES
			PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES
			HL93 SUPERSTRUCTURE DECEMBER, 2006 HS25 SUBSTRUCTURE
			TEE PIER - SPREAD FOOTINGS, H=16' TO 24' 45° SKEW
			H30-67-06