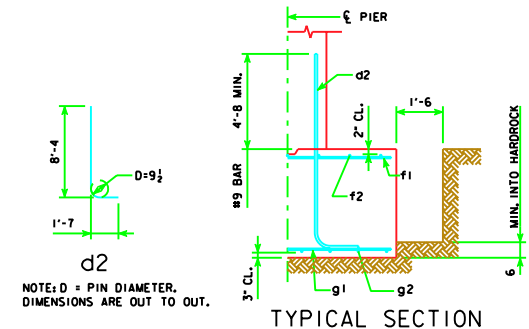
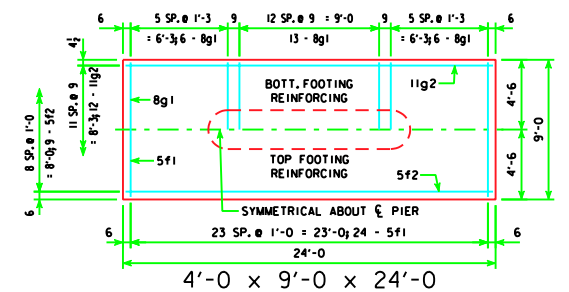
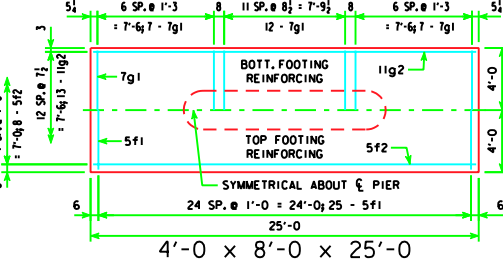
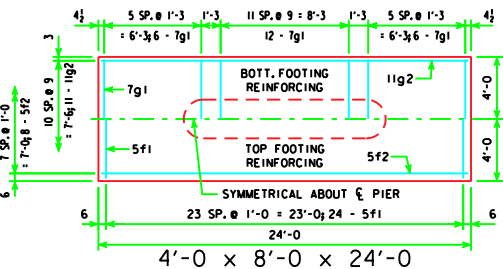
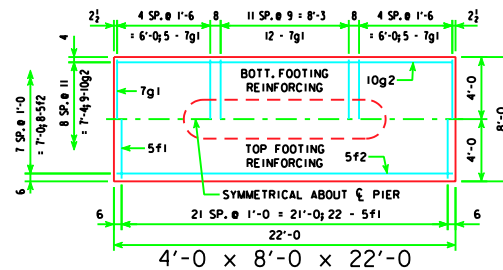
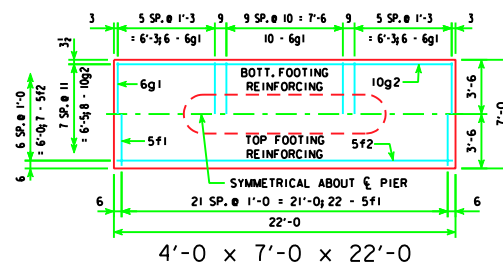
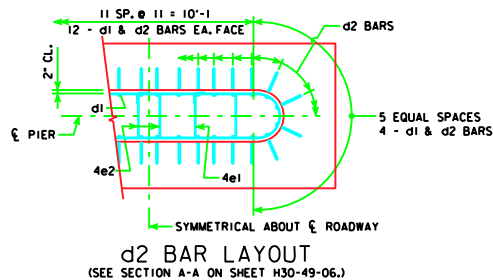


H IN FT.	C - C ABUT. BRG.	FOOTING SIZE	FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)			STRUCTURAL CONCRETE (CY)
				BAR NO.	SIZE & SPACING	WEIGHT (L.B.)	
25 TO 27	138'-10 151'-4 163'-10 176'-4 188'-10	4' x 7' x 22'	4' x 7' x 22'	d2	32 - #9 AS SHOWN	9'-11	1079
				f1	22 - #5 @ 1'-0	6'-8	153
				f2	7 - #5 @ 1'-0	21'-8	158
				g1	22 - #6 AS SHOWN	6'-8	220
				g2	8 - #10 @ 0'-11	21'-8	746
28 TO 30	138'-10 151'-4 163'-10 176'-4 188'-10	4' x 8' x 22'	4' x 8' x 22'	d2	32 - #9 AS SHOWN	9'-11	1079
				f1	22 - #5 @ 1'-0	7'-8	176
				f2	8 - #5 @ 1'-0	21'-8	181
				g1	22 - #7 AS SHOWN	7'-8	345
				g2	32 - #9 AS SHOWN	9'-11	1079
31 TO 33	138'-10 151'-4 163'-10 176'-4 188'-10	4' x 8' x 24'	4' x 8' x 24'	f1	24 - #5 @ 1'-0	7'-8	192
				f2	8 - #5 @ 1'-0	23'-8	197
				g1	24 - #7 AS SHOWN	7'-8	376
				g2	11 - #11 @ 0'-9	23'-8	1383
				d2	32 - #9 AS SHOWN	9'-11	1079
34 TO 36	138'-10 151'-4 163'-10 176'-4 188'-10	4' x 8' x 25'	4' x 8' x 25'	f1	25 - #5 @ 1'-0	7'-8	200
				f2	8 - #5 @ 1'-0	24'-8	206
				g1	26 - #7 AS SHOWN	7'-8	407
				g2	13 - #11 @ 0'-7 1/2	24'-8	1704
				d2	32 - #9 AS SHOWN	9'-11	1079
37 TO 40	138'-10 151'-4 163'-10 176'-4 188'-10	4' x 9' x 24'	4' x 9' x 24'	f1	24 - #5 @ 1'-0	8'-8	217
				f2	9 - #5 @ 1'-0	23'-8	222
				g1	25 - #8 AS SHOWN	8'-8	579
				g2	12 - #11 @ 0'-9	23'-8	1509
				d2	32 - #9 AS SHOWN	9'-11	1079



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 H30-49-06.

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	<i>Thomas L. McQuillan</i> APPROVED BY BRIDGE ENGINEER	 Iowa Department of Transportation Highway Division	
		STANDARD DESIGN - 30' ROADWAY, THREE SPAN BRIDGES	
		PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES	
		HL93 SUPERSTRUCTURE	HS25 SUBSTRUCTURE
		TEE PIER - SPREAD FOOTINGS, H=25' TO 40' 0° SKEW	
		H30-53-06	