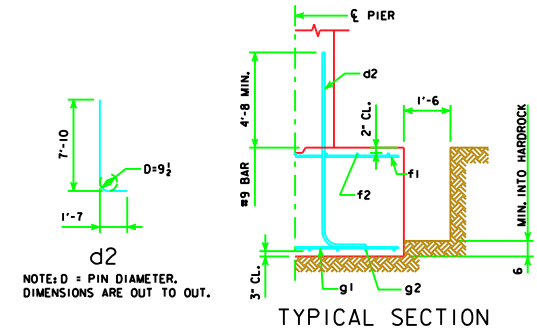
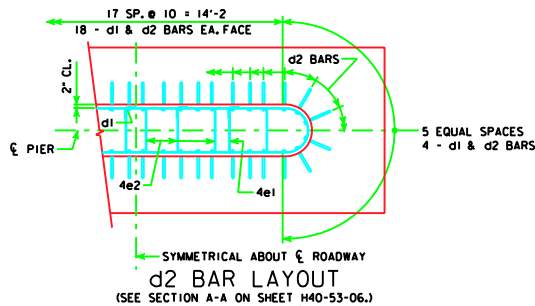
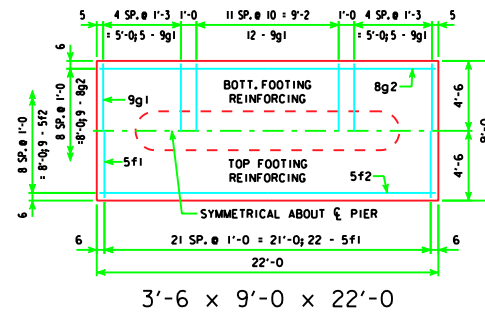
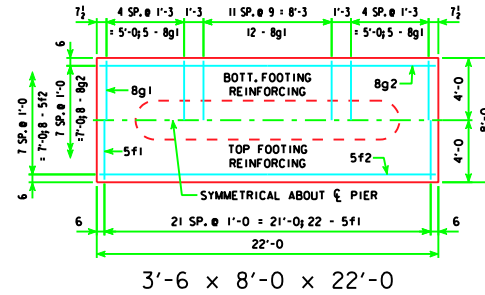
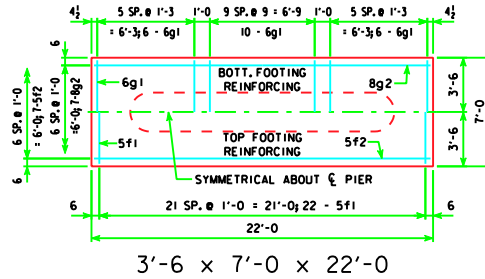


H IN FT.	ℓ - ℓ ABUT. BRC.	FOOTING SIZE	FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)			STRUCTURAL CONCRETE (CY)
				BAR	NO., SIZE & SPACING	LENGTH (LB.)	TOTAL WEIGHT (LB.)
16 TO 18	138'-10"	3'-6" x 7' x 22'	3'-6" x 7' x 22'	d2	44 - #9 AS SHOWN	9'-5"	1409
	151'-4"			f1	22 - #5 @ 1'-0"	6'-8"	153
	163'-10"			f2	7 - #5 @ 1'-0"	21'-8"	158
	176'-4"			g1	22 - #6 AS SHOWN	6'-8"	220
	188'-10"			g2	7 - #8 @ 1'-0"	21'-8"	405
19 TO 21	201'-4"	3'-6" x 8' x 22'	3'-6" x 8' x 22'	d2	44 - #9 AS SHOWN	9'-5"	1409
	213'-10"			f1	22 - #5 @ 1'-0"	7'-8"	176
	226'-4"			f2	8 - #5 @ 1'-0"	21'-8"	181
	238'-0"			g1	22 - #8 AS SHOWN	7'-8"	450
	250'-6"			g2	8 - #8 @ 1'-0"	21'-8"	463
22 TO 24	263'-10"	3'-6" x 9' x 22'	3'-6" x 9' x 22'	d2	44 - #9 AS SHOWN	9'-5"	1409
	275'-4"			f1	22 - #5 @ 1'-0"	8'-8"	199
	288'-10"			f2	9 - #5 @ 1'-0"	21'-8"	203
	301'-4"			g1	22 - #9 AS SHOWN	8'-8"	648
	313'-10"			g2	9 - #8 @ 1'-0"	21'-8"	521



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 H40-53-06.

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. McQuinn</i> APPROVED BY BRIDGE ENGINEER	 Iowa Department of Transportation Highway Division	
		STANDARD DESIGN - 40' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES	
		HL93 SUPERSTRUCTURE	DECEMBER, 2006 HS25 SUBSTRUCTURE
		TEE PIER - SPREAD FOOTINGS, H=16' TO 24' 0° SKEW	

H40-57-06