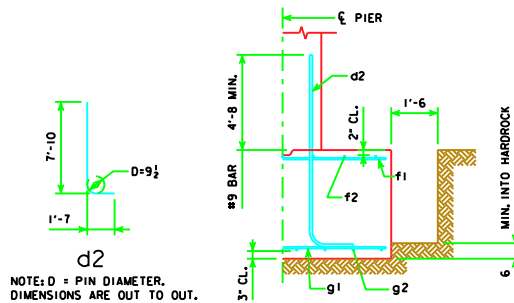
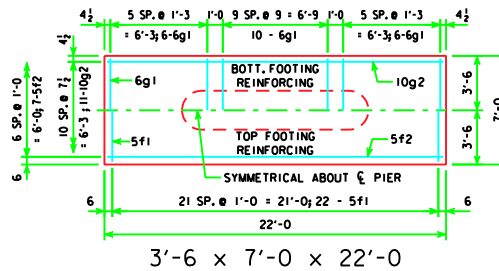
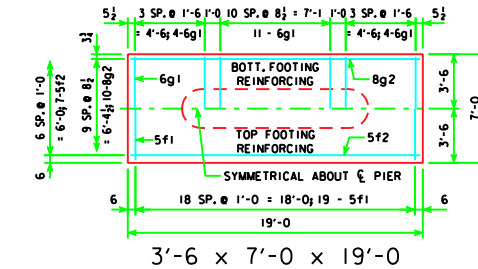
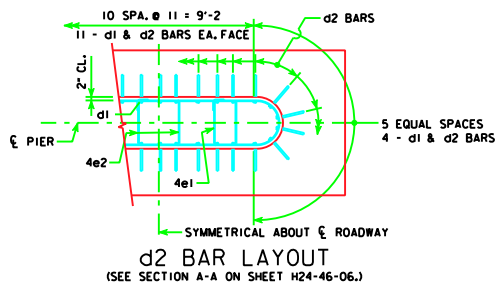


H IN ABUT. FT.	ξ - ξ ABUT. BRG. (TSF)	MIN. BRG. (TSF)	FOOTING SIZE	FOOTING SIZE	BAR NO., SIZE & SPACING	LENGTH	WEIGHT (L.B.)	TOTAL WEIGHT (L.B.)	STRUCTURAL CONCRETE (CY)
138'-10"		4			d2 30 - #9 AS SHOWN	9'-5"	961		
163'-10"					f1 19 - #5 @ 1'-0"	6'-8"	132		
176'-4"					f2 7 - #5 @ 1'-0"	18'-8"	136		
188'-10"		5	3'-6" x 7' x 19'		g1 19 - #6 AS SHOWN	6'-8"	190		
201'-4"					g2 10 - #8 @ 0'-8"	18'-8"	498		
213'-10"					d2 30 - #9 AS SHOWN	9'-5"	961		
226'-4"					f1 22 - #5 @ 1'-0"	6'-8"	153		
243'-0"					f2 7 - #5 @ 1'-0"	21'-8"	158		
					g1 22 - #6 AS SHOWN	6'-8"	220		
					g2 11 - #10 @ 0'-7"	21'-8"	1026		
								2518	20.0



TYPICAL SECTION



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 H24-46-06.

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. SEE TABLE FOR MINIMUM ALLOWABLE BEARING VALUE REQUIRED FOR THE FOUNDATION ROCK.

LATEST REVISION DATE	<i>Mark L. McQuinn</i> APPROVED BY BRIDGE ENGINEER	 Iowa Department of Transportation Highway Division	
		STANDARD DESIGN - 24' ROADWAY, THREE SPAN BRIDGE	
		PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES	
		HL93 SUPERSTRUCTURE	HS25 SUBSTRUCTURE
		TEE PIER - SPREAD FOOTINGS, H=16' TO 24'	
		0° SKEW	
		H24-49-06	