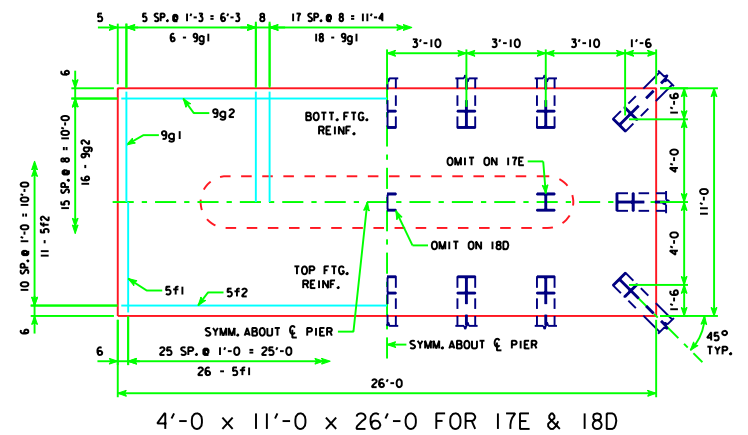
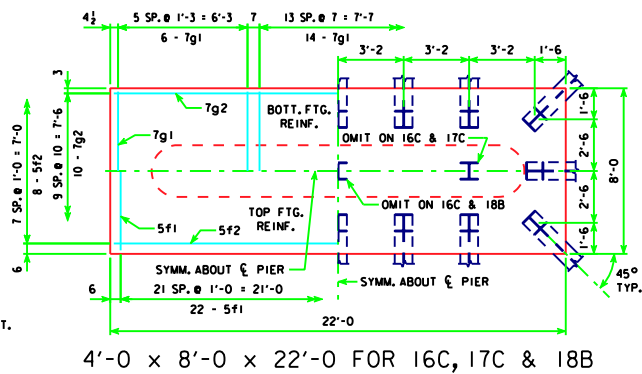
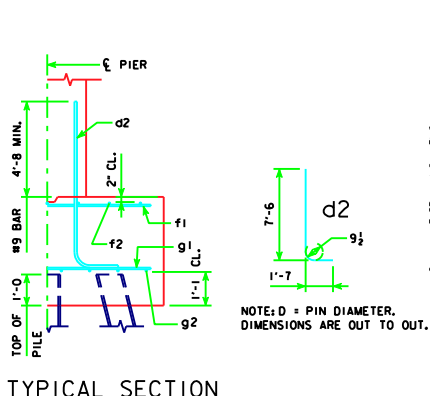
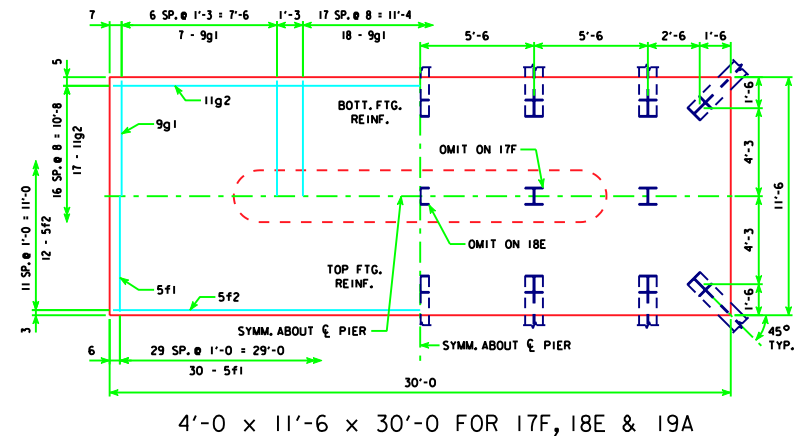
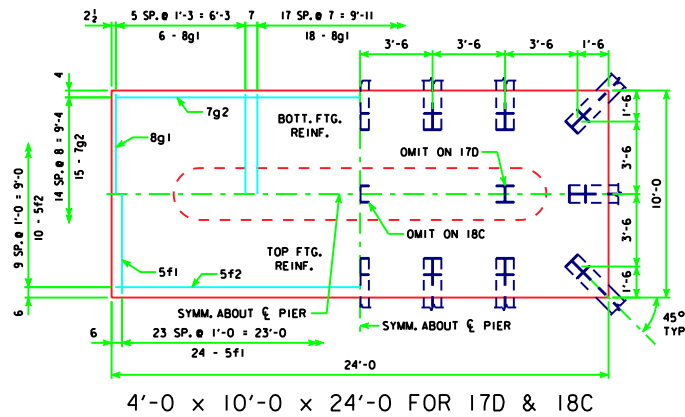
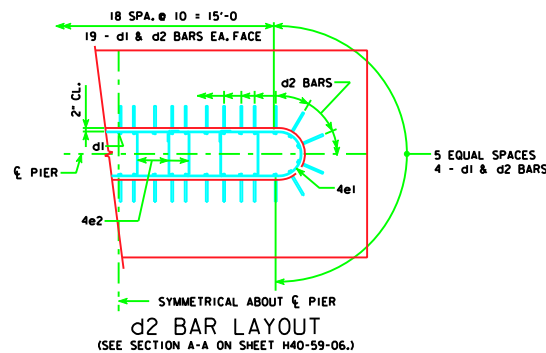




H IN FT.	CL. NO. & LAYOUT	PILING DES. BRG. (TONS)	FOOTING SIZE
20'-4	16C	50	4' x 8' x 22'
21'-10	17C	50	
22'-4	18B	48	
24'-0	18B	50	
20'-4	17D	48	4' x 10' x 24'
21'-10	17D	50	
22'-4	18C	49	
24'-0	18C	50	
20'-4	17E	49	4' x 11' x 26'
21'-10	17E	50	
22'-4	18D	49	
24'-0	18D	50	
20'-4	17F	48	4' x 11'-6 x 30'
21'-10	17F	50	
22'-4	18E	49	
24'-0	18E	50	
20'-4	17F	49	4' x 11'-6 x 30'
21'-10	17F	50	
22'-4	19A	48	
24'-0	19A	49	



FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.) TOTAL WEIGHT (LB.)	
4' x 8' x 22'	d2	46 - #9 AS SHOWN	9'-1	1421	26.1
	f1	22 - #5 @ 1'-0	7'-8	176	
	f2	8 - #5 @ 1'-0	21'-8	181	
	g1	26 - #7 AS SHOWN	7'-8	407	
	g2	10 - #7 @ 0'-10	21'-8	443	
	d2	46 - #9 AS SHOWN	9'-1	1421	
4' x 10' x 24'	f1	24 - #5 @ 1'-0	9'-8	242	35.6
	f2	10 - #5 @ 1'-0	23'-8	247	
	g1	30 - #8 AS SHOWN	9'-8	774	
	g2	15 - #7 @ 0'-8	23'-8	726	
	d2	46 - #9 AS SHOWN	9'-1	1421	
	f1	26 - #5 @ 1'-0	10'-8	289	
4' x 11' x 26'	f2	11 - #5 @ 1'-0	25'-8	294	42.4
	g1	30 - #9 AS SHOWN	10'-8	1088	
	g2	16 - #9 @ 0'-8	25'-8	1396	
	d2	46 - #9 AS SHOWN	9'-1	1421	
	f1	30 - #5 @ 1'-0	11'-2	349	
	f2	12 - #5 @ 1'-0	29'-8	371	
4' x 11'-6 x 30'	g1	32 - #9 AS SHOWN	11'-2	1215	51.1
	g2	17 - #11 @ 0'-8	29'-8	2680	



NOTE:
SEE SHEET H40-61-06 FOR FOOTING NOTES.

LATEST REVISION DATE	 APPROVED BY BRIDGE ENGINEER	 STANDARD DESIGN - 40' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES HL93 SUPERSTRUCTURE DECEMBER, 2006 HS25 SUBSTRUCTURE	H40-62-06 TEE PIER - STEEL PILE FOOTINGS, H=25' TO 40' 15° SKEW