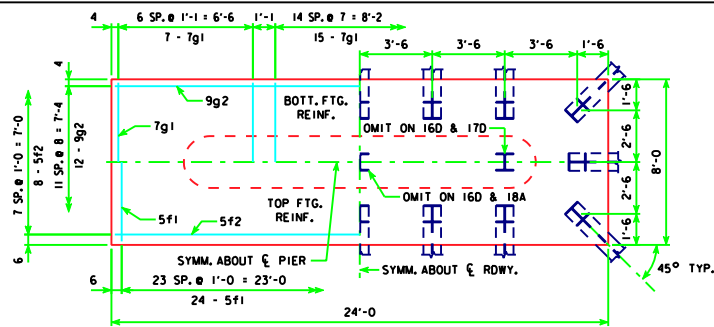
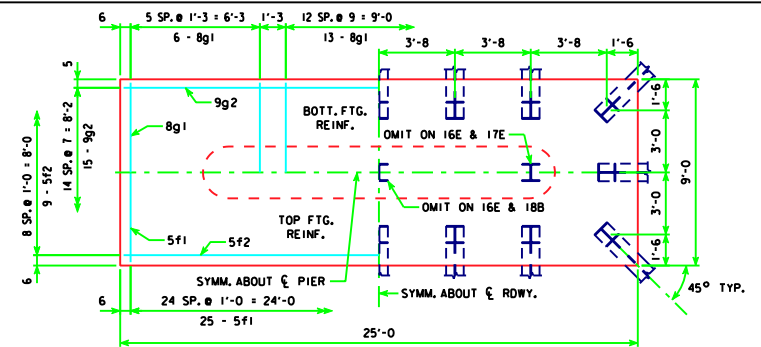


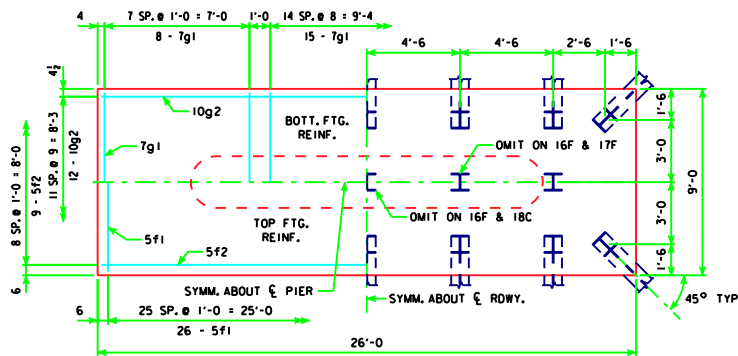
TYPICAL SECTION



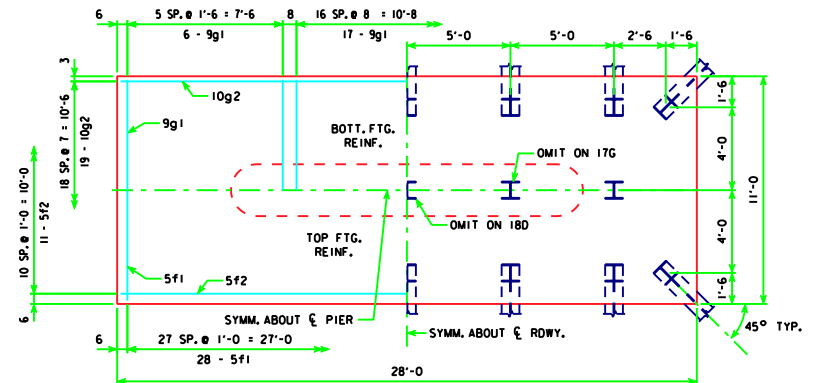
4'-0 x 8'-0 x 24'-0 FOR 16D, 17D & 18A



4'-0 x 9'-0 x 25'-0 FOR 16E, 17E & 18B



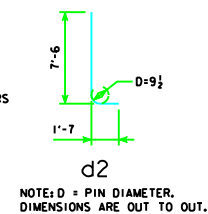
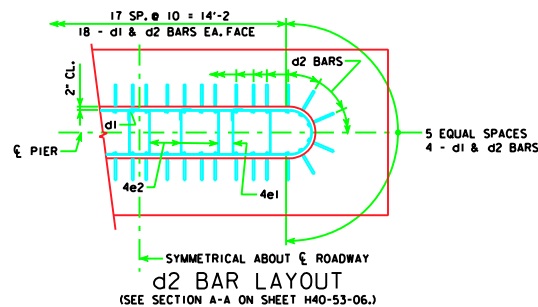
4'-0 x 9'-0 x 26'-0 FOR 16F, 17F & 18C



4'-0 x 11'-0 x 28'-0 FOR 17G & 18D

H IN FT.	CL. - CL. ABUT. BRG.	NO. & LAYOUT	DES. BRG. (TONS)	FOOTING SIZE
20'-4	16D	48		4' x 8' x 24'
21'-10	16D	50		
22'-4	17D	49		
23'-0	18A	48		
20'-4	16E	48		4' x 9' x 25'
21'-10	16E	50		
22'-4	17E	50		
23'-0	18B	48		
20'-4	16F	49		4' x 9' x 26'
21'-10	17F	48		
22'-4	17F	50		
23'-0	18C	49		
20'-4	17G	47		4' x 11' x 28'
21'-10	17G	49		
22'-4	17G	50		
23'-0	18D	50		
20'-4	17G	48		4' x 11' x 28'
21'-10	17G	50		
22'-4	18D	49		
23'-0	18D	50		

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
4' x 8' x 24'	d2	44 - #9 AS SHOWN	9'-1	1359	3168	28.4
	f1	24 - #5 @ 1'-0	7'-8	192		
	f2	8 - #5 @ 1'-0	23'-8	197		
	g1	29 - #7 AS SHOWN	7'-8	454		
	g2	12 - #9 @ 0'-8	23'-8	966		
4' x 9' x 25'	d2	44 - #9 AS SHOWN	9'-1	1359	3654	33.3
	f1	25 - #5 @ 1'-0	8'-8	226		
	f2	9 - #5 @ 1'-0	24'-8	232		
	g1	25 - #8 AS SHOWN	8'-8	579		
	g2	15 - #9 @ 0'-7	24'-8	1258		
4' x 9' x 26'	d2	44 - #9 AS SHOWN	9'-1	1359	3709	34.7
	f1	26 - #5 @ 1'-0	8'-8	235		
	f2	9 - #5 @ 1'-0	25'-8	241		
	g1	31 - #7 AS SHOWN	8'-8	549		
	g2	12 - #10 @ 0'-9	25'-8	1325		
4' x 11' x 28'	d2	44 - #9 AS SHOWN	9'-1	1359	5302	45.6
	f1	28 - #5 @ 1'-0	10'-8	312		
	f2	11 - #5 @ 1'-0	27'-8	317		
	g1	29 - #9 AS SHOWN	10'-8	1052		
	g2	19 - #10 @ 0'-7	27'-8	2262		



NOTE: SEE SHEET H40-55-06 FOR FOOTING NOTES.

LATEST REVISION DATE	<i>Thomas L. McQuinn</i> APPROVED BY BRIDGE ENGINEER		STANDARD DESIGN - 40' ROADWAY, THREE SPAN BRIDGE	H40-56-06
			PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES	
			HL93 SUPERSTRUCTURE DECEMBER, 2006 HS25 SUBSTRUCTURE	
			TEE PIER - STEEL PILE FOOTINGS, H=25' TO 40' 0° SKEW	