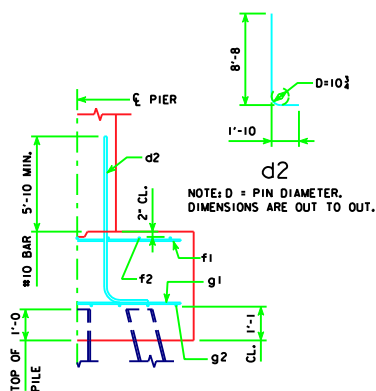
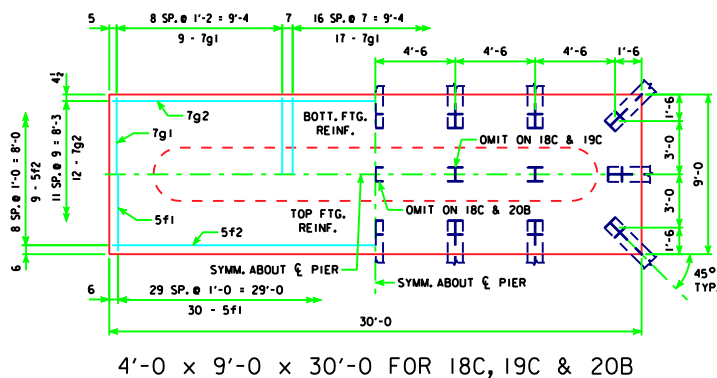
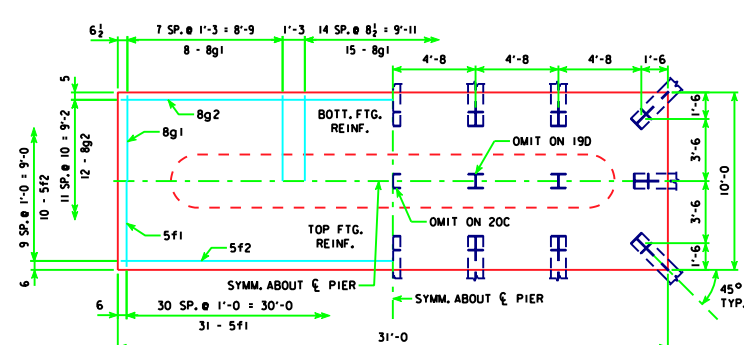




TYPICAL SECTION

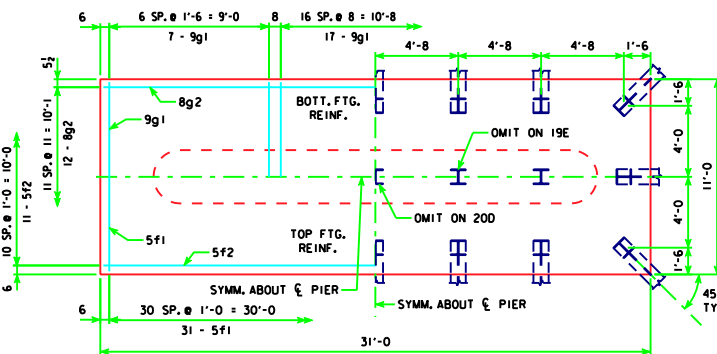


4'-0" x 9'-0" x 30'-0" FOR 18C, 19C & 20B

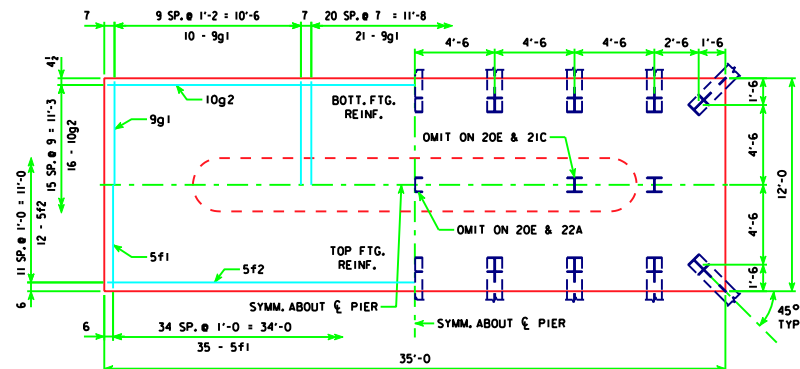


4'-0" x 10'-0" x 31'-0" FOR 19D, 20C & 21A

H IN FT.	ABUT. BRG.	PIILING NO. & LAYOUT	DES. BRG. (TONS)	FOOTING SIZE
201'-4	18C	49		
213'-10	19C	49		4' x 9' x 30'
226'-4	19C	50		
243'-0	20B	50		
201'-4	19D	48		4' x 10' x 31'
213'-10	19D	50		
226'-4	20C	50		
243'-0	21A	49		
201'-4	19E	50		
213'-10	20D	49		4' x 11' x 31'
226'-4	20D	50		
243'-0	21B	50		
201'-4	20E	48		4' x 12' x 35'
213'-10	20E	49		
226'-4	20E	50		
243'-0	21C	50		
201'-4	20E	49		4' x 12' x 35'
213'-10	20E	50		
226'-4	22A	48		
243'-0	22A	49		

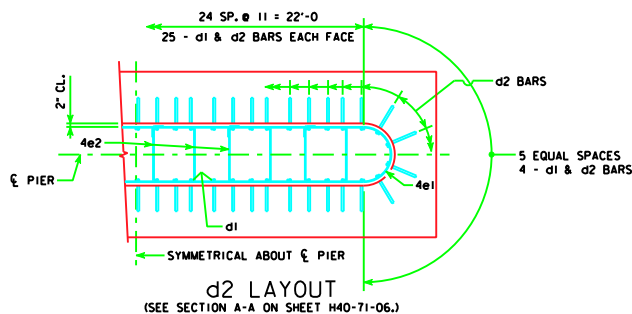


4'-0" x 11'-0" x 31'-0" FOR 19E, 20D & 21B



4'-0" x 12'-0" x 35'-0" FOR 20E, 21C & 22A

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH (LB.)	TOTAL WEIGHT (LB.)	
4' x 9' x 30'	d2	58 - #10 AS SHOWN	10'-6	2621	4518
	f1	30 - #5 @ 1'-0	8'-8	271	
	f2	9 - #5 @ 1'-0	29'-8	278	
	g1	35 - #7 AS SHOWN	8'-8	620	
	g2	12 - #7 @ 0'-9	29'-8	728	
4' x 10' x 31'	d2	58 - #10 AS SHOWN	10'-6	2621	5037
	f1	31 - #5 @ 1'-0	9'-8	313	
	f2	10 - #5 @ 1'-0	30'-8	320	
	g1	31 - #8 AS SHOWN	9'-8	800	
	g2	12 - #8 @ 0'-10	30'-8	983	
4' x 11' x 31'	d2	58 - #10 AS SHOWN	10'-6	2621	5425
	f1	31 - #5 @ 1'-0	10'-8	345	
	f2	11 - #5 @ 1'-0	30'-8	352	
	g1	31 - #9 AS SHOWN	10'-8	1124	
	g2	12 - #8 @ 0'-11	30'-8	983	
4' x 12' x 35'	d2	58 - #10 AS SHOWN	10'-6	2621	7494
	f1	35 - #5 @ 1'-0	11'-8	426	
	f2	12 - #5 @ 1'-0	34'-8	434	
	g1	41 - #9 AS SHOWN	11'-8	1626	
	g2	16 - #10 @ 0'-9	34'-8	2387	



NOTE:
SEE SHEET H40-73-06 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	H40-74-06		
				TEE PIER - STEEL PILE FOOTINGS, H=25' TO 40' 45° SKEW	