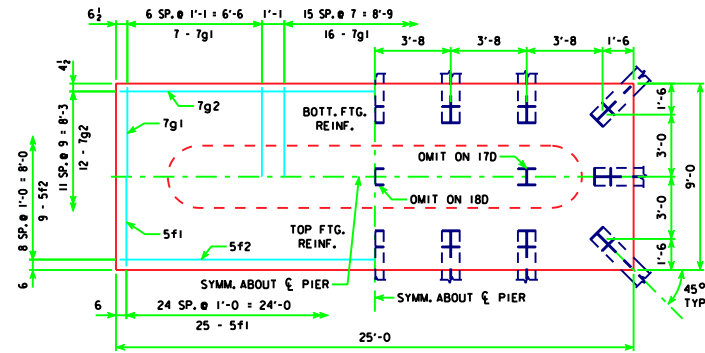
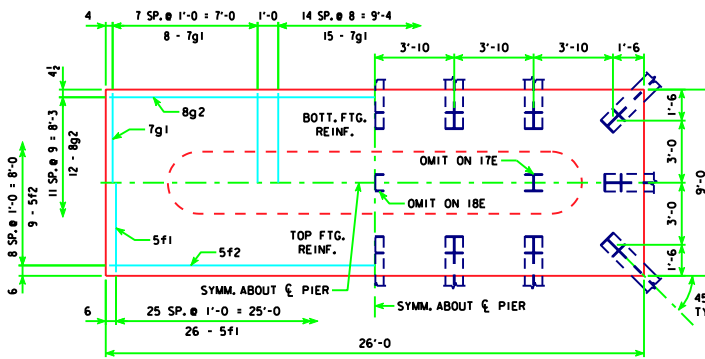


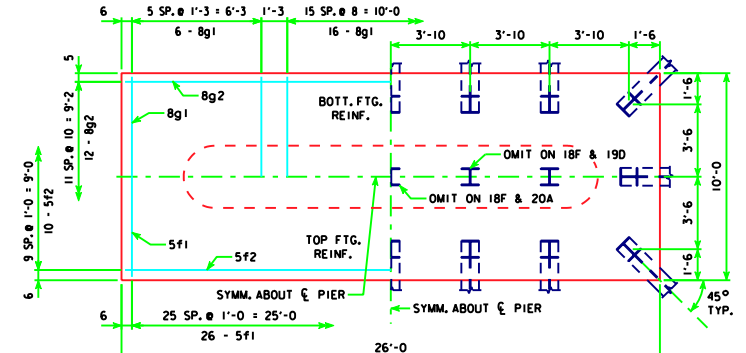
TYPICAL SECTION



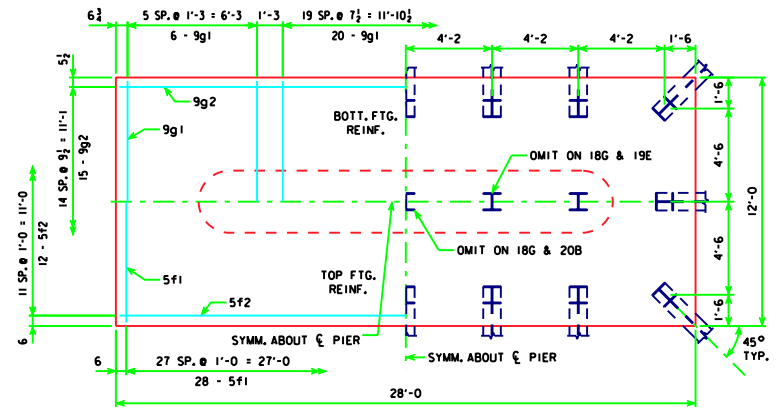
4'-0 x 9'-0 x 25'-0 FOR 17D, 18D & 19B



4'-0 x 9'-0 x 26'-0 FOR 17E, 18E & 19C



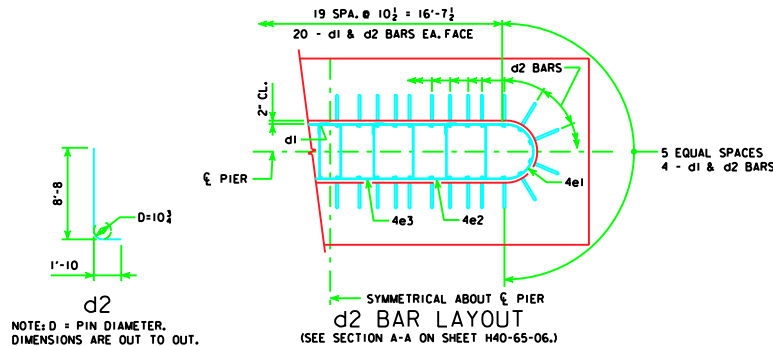
4'-0 x 10'-0 x 26'-0 FOR 18F, 19D & 20A



4'-0 x 12'-0 x 28'-0 FOR 18G, 19E & 20B

H IN FT.	CL. BTG.	NO. & LAYOUT	PILING DES. BRG. (TONS)	FOOTING SIZE
201'-4	17D	50		
213'-10	18D	49		4' x 9' x 25'
226'-4	18D	50		
243'-0	19B	50		
201'-4	17E	50		
213'-10	18E	49		4' x 9' x 26'
226'-4	18E	50		
243'-0	19C	50		
201'-4	18F	48		
213'-10	18F	50		4' x 10' x 26'
226'-4	19A	50		
243'-0	20A	49		
201'-4	18G	49		
213'-10	19E	49		4' x 12' x 28'
226'-4	19E	50		
243'-0	20B	50		
201'-4	18G	50		
213'-10	19E	50		4' x 12' x 28'
226'-4	20B	49		
243'-0	20B	50		

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH (L.B.)	WEIGHT (L.B.)	
4' x 9' x 25'	d2	48 - #10 AS SHOWN	10'-6	2169	3763
	f1	25 - #5 @ 1'-0	8'-8	226	
	f2	9 - #5 @ 1'-0	24'-8	232	
	g1	30 - #7 AS SHOWN	8'-8	531	
	g2	12 - #7 @ 0'-9	24'-8	605	
4' x 9' x 26'	d2	48 - #10 AS SHOWN	10'-6	2169	4016
	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 - #8 @ 0'-9	25'-8	822	
4' x 10' x 26'	d2	48 - #10 AS SHOWN	10'-6	2169	4244
	f1	26 - #5 @ 1'-0	9'-8	262	
	f2	10 - #5 @ 1'-0	25'-8	268	
	g1	28 - #8 AS SHOWN	9'-8	723	
	g2	12 - #8 @ 0'-10	25'-8	822	
4' x 12' x 28'	d2	48 - #10 AS SHOWN	10'-6	2169	5536
	f1	28 - #5 @ 1'-0	11'-8	341	
	f2	12 - #5 @ 1'-0	27'-8	346	
	g1	32 - #9 AS SHOWN	11'-8	1269	
	g2	15 - #9 @ 0'-9 1/2	27'-8	1411	



NOTE: D = PIN DIAMETER.
DIMENSIONS ARE OUT TO OUT.

NOTE:
SEE SHEET H40-67-06 FOR FOOTING NOTES.

LATEST REVISION DATE	APPROVED BY BRIDGE ENGINEER		STANDARD DESIGN - 40' ROADWAY, THREE SPAN BRIDGE	H40-68-06
			PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES	
			HL93 SUPERSTRUCTURE DECEMBER, 2006 HS25 SUBSTRUCTURE	
			TEE PIER - STEEL PILE FOOTINGS, H=25' TO 40' 30° SKEW	