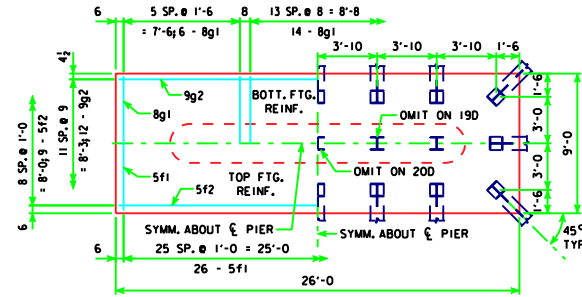
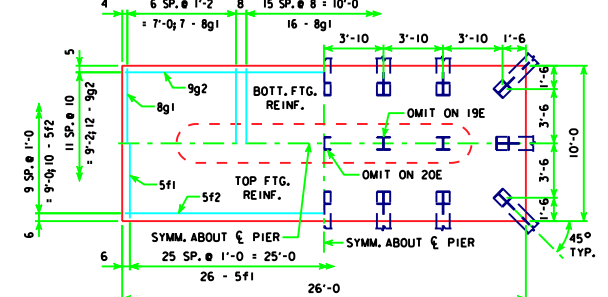


4'-0 x 9'-0 x 25'-0 FOR 18C, 19C & 20C

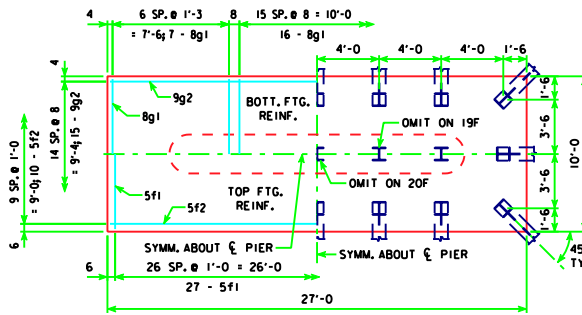


4'-0 x 9'-0 x 26'-0 FOR 19D & 20D

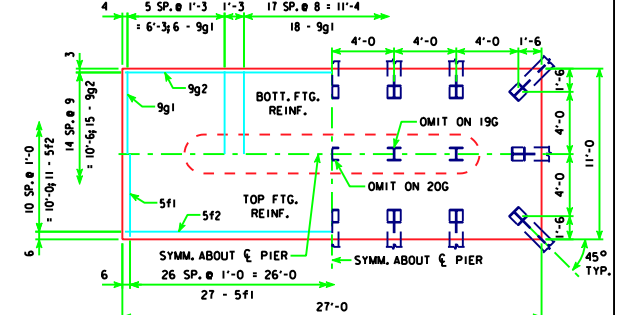


4'-0 x 10'-0 x 26'-0 FOR 19E, 20E & 21A

H IN	FT.	CL - CL ABUT. BRG.	PILING NO. & LAYOUT	DES. BRG. (TONS)	FOOTING SIZE
201'-4	27	18C	49		4' x 9' x 25'
213'-10	18C	50			
226'-4	19C	50			
243'-0	20C	50			
201'-4	19D	47			4' x 9' x 26'
213'-10	19D	49			
226'-4	20D	48			
243'-0	20D	50			
201'-4	19E	48			4' x 10' x 26'
213'-10	19E	50			
226'-4	20E	49			
243'-0	20E	49			
201'-4	19F	48			4' x 10' x 27'
213'-10	20F	48			
226'-4	20F	49			
243'-0	21B	49			
201'-4	19G	49			4' x 11' x 27'
213'-10	20G	49			
226'-4	20G	50			
243'-0	21C	50			

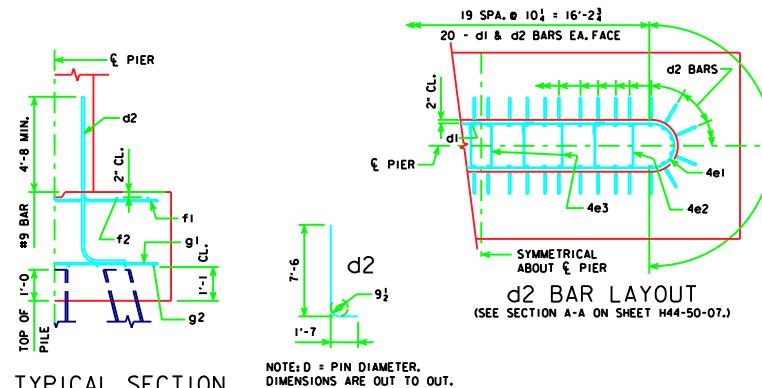


4'-0 x 10'-0 x 27'-0 FOR 19F, 20F & 21B



4'-0 x 11'-0 x 27'-0 FOR 19G, 20G & 21C

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH (LB.)	WEIGHT (LB.)		
4' x 9' x 25'	d2	48 - #9 AS SHOWN	9'-1	1482	3309	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	12 - #8 @ 0'-9	24'-8	790		
4' x 9' x 26'	d2	48 - #9 AS SHOWN	9'-1	1482	3607	34.7
	f1	26 - #5 @ 1'-0	8'-8	235		
	f2	9 - #5 @ 1'-0	25'-8	241		
	g1	26 - #8 AS SHOWN	8'-8	602		
	g2	12 - #9 @ 0'-9	25'-8	1047		
4' x 10' x 26'	d2	48 - #9 AS SHOWN	9'-1	1482	3833	38.5
	f1	26 - #5 @ 1'-0	9'-8	262		
	f2	10 - #5 @ 1'-0	25'-8	268		
	g1	30 - #8 AS SHOWN	9'-8	774		
	g2	12 - #9 @ 0'-10	25'-8	1047		
4' x 10' x 27'	d2	48 - #9 AS SHOWN	9'-1	1482	4166	40.0
	f1	27 - #5 @ 1'-0	9'-8	272		
	f2	10 - #5 @ 1'-0	26'-8	278		
	g1	30 - #8 AS SHOWN	9'-8	774		
	g2	15 - #9 @ 0'-8	26'-8	1360		
4' x 11' x 27'	d2	48 - #9 AS SHOWN	9'-1	1482	4536	44.0
	f1	27 - #5 @ 1'-0	10'-8	306		
	f2	11 - #5 @ 1'-0	26'-8	306		
	g1	30 - #9 AS SHOWN	10'-8	1088		
	g2	15 - #9 @ 0'-9	26'-8	1360		



TYPICAL SECTION

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

LATEST REVISION DATE	APPROVED BY BRIDGE ENGINEER		STANDARD DESIGN - 44' ROADWAY, THREE SPAN BRIDGE
			PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES
			HL93 SUPERSTRUCTURE MARCH, 2007 HS25 SUBSTRUCTURE
			TEE PIER - STEEL PILE FOOTINGS, H=25' TO 40' 15° SKEW
		H44-53-07	