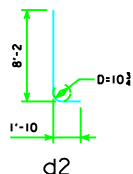
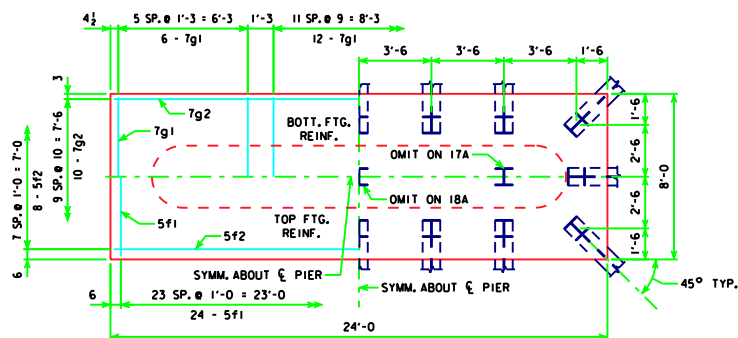


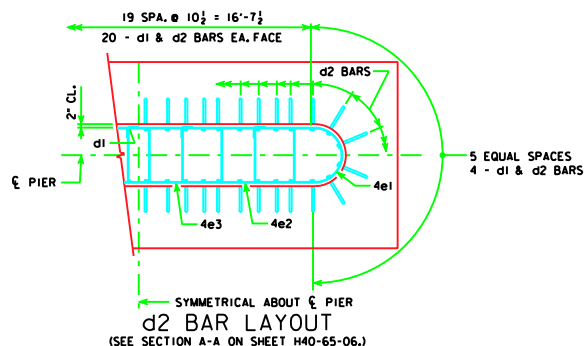
TYPICAL SECTION



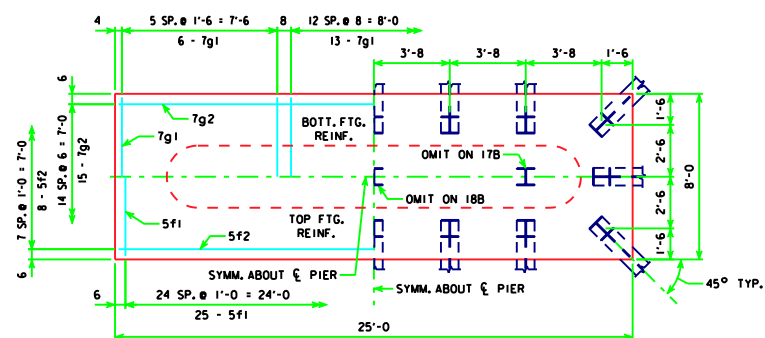
NOTE: D = PIN DIAMETER.
DIMENSIONS ARE OUT TO OUT.



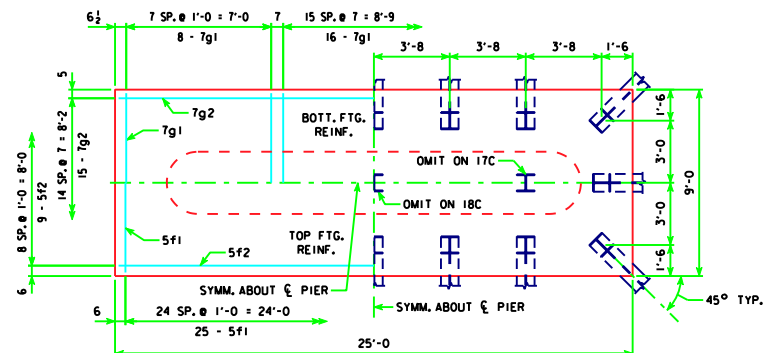
3'-6 x 8'-0 x 24'-0 FOR 17A & 18A



d2 BAR LAYOUT
(SEE SECTION A-A ON SHEET H40-65-06.)



3'-6 x 8'-0 x 25'-0 FOR 17B & 18B



3'-6 x 9'-0 x 25'-0 FOR 17C, 18C & 19A

FOOTING NOTES:

THESE FOOTINGS ARE DESIGNED AND DETAILED TO BE USED WITH THE CAP AND COLUMN DETAILS OF THE TEE PIERS AS SHOWN ON SHEET H40-65-06.

BATTER PILES IN EXTERIOR ROWS 1:4 IN THE DIRECTION SHOWN.

PIER PILES (HP10x57) ARE TO BE DRIVEN TO THE DESIGN BEARING VALUE.

STEEL PILING USED AS POINT BEARING SHALL HAVE A MINIMUM DISTANCE OF APPROXIMATELY 10 FEET FROM BOTTOM OF FOOTING TO TOP OF BEARING ROCK. THE PILE LAYOUTS ARE SUCH THAT THE DISTANCE CENTER TO CENTER OF ADJACENT PILING SHALL NOT EXCEED 8'-0.

H IN FT.	CL ABUT. BRG.	NO. & LAYOUT	PILING DES. BRG. (TONS)	FOOTING SIZE
18 TO 20	201'-4	17A	48	3'-6 x 8' x 24'
21	213'-10	17A	50	
22	226'-4	18A	48	
23	243'-0	18A	50	
19 TO 21	201'-4	17B	48	3'-6 x 8' x 25'
20	213'-10	17B	50	
21	226'-4	18B	48	
22	243'-0	18B	50	
23 TO 24	201'-4	17C	49	3'-6 x 9' x 25'
24	213'-10	18C	48	
25	226'-4	18C	50	
26	243'-0	19A	49	

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
3'-6 x 8' x 24'	d2	48 - #10 AS SHOWN	10'-0	2065	3314	24.9
	f1	24 - #5 @ 1'-0	7'-8	192		
	f2	8 - #5 @ 1'-0	23'-8	197		
	g1	24 - #7 AS SHOWN	7'-8	376		
3'-6 x 8' x 25'	d2	48 - #10 AS SHOWN	10'-0	2065	3619	25.9
	f1	25 - #5 @ 1'-0	7'-8	200		
	f2	8 - #5 @ 1'-0	24'-8	206		
	g1	25 - #7 AS SHOWN	7'-8	392		
3'-6 x 9' x 25'	d2	48 - #10 AS SHOWN	10'-0	2065	3846	29.2
	f1	25 - #5 @ 1'-0	8'-8	226		
	f2	9 - #5 @ 1'-0	24'-8	232		
	g1	32 - #7 AS SHOWN	8'-8	567		
	g2	15 - #7 @ 0'-7	24'-8	756		

LATEST REVISION DATE APPROVED BY BRIDGE ENGINEER <i>Thomas E. McQuinn</i>		
	STANDARD DESIGN - 40' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES	
	HL93 SUPERSTRUCTURE DECEMBER, 2006 HS25 SUBSTRUCTURE	
	TEE PIER - STEEL PILE FOOTINGS, H=16' TO 24' 30° SKEW	
H40-67-06		