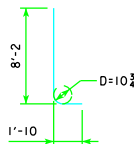


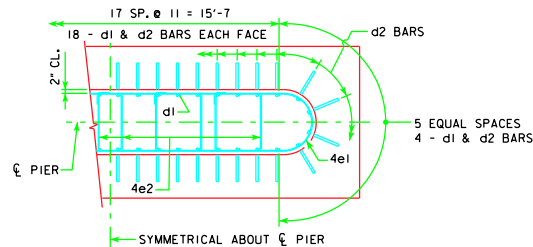
TYPICAL SECTION



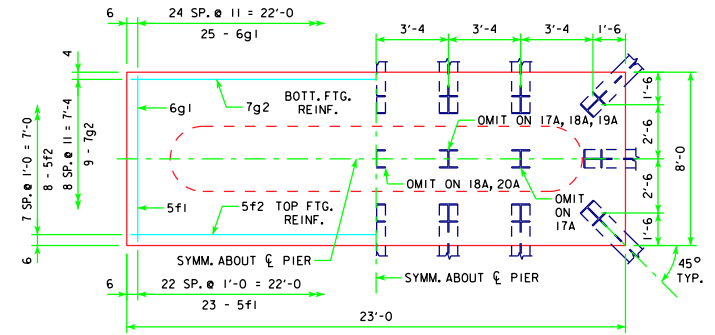
d2
NOTE: D = PIN DIAMETER.
DIMENSIONS ARE OUT TO OUT.

H IN FT.	CL - CL ABUT. BRG.	PILING (HP10x57)		FOOTING SIZE
		NO. & LAYOUT	① DES. BRG. (TONS)	
201'-4 213'-10 226'-4 243'-0	17A	49	141	3'-6 x 8' x 23'
	17A	50	146	
	18A	50	143	
	19A	50	143	
201'-4 213'-10 226'-4 243'-0	17A	50	145	3'-6 x 8' x 23'
	18A	49	141	
	19A	49	142	
	20A	49	142	
201'-4 213'-10 226'-4 243'-0	18B	48	138	3'-6 x 8' x 25'
	18B	50	143	
	19B	50	143	
	20B	50	143	

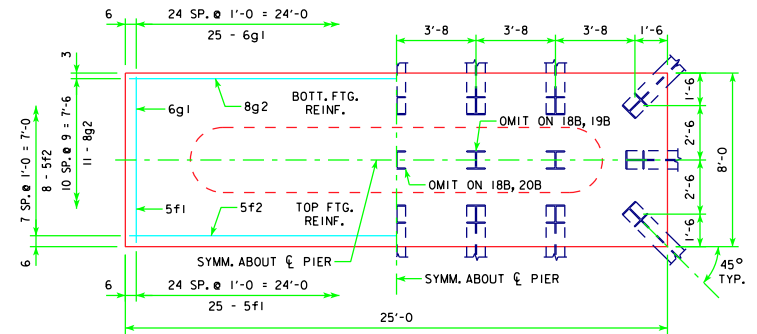
FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
3'-6 x 8' x 23'	d2	44 - #10 AS SHOWN	10'-0	1893	2971	23.9
	f1	23 - #5 @ 1'-0	7'-8	184		
	f2	8 - #5 @ 1'-0	22'-8	189		
	g1	25 - #6 @ 0'-11	7'-8	288		
	g2	9 - #7 @ 0'-11	22'-8	417		
	d2	44 - #10 AS SHOWN	10'-0	1893		
3'-6 x 8' x 25'	f1	25 - #5 @ 1'-0	7'-8	200	3311	25.9
	f2	8 - #5 @ 1'-0	24'-8	206		
	g1	25 - #6 @ 1'-0	7'-8	288		
	g2	11 - #8 @ 0'-9	24'-8	724		
	d2	44 - #10 AS SHOWN	10'-0	1893		
	f1	25 - #5 @ 1'-0	7'-8	200		



d2 LAYOUT
(SEE SECTION A-A ON SHEET H30-78-06.)
① FOR DETERMINING ACTUAL PILE LENGTHS IN FIELD.
② FOR ESTIMATING PILE LENGTHS USING AASHTO LRFD SPECIFICATIONS.



3'-6 x 8'-0 x 23'-0 FOR 17A, 18A, 19A & 20A



3'-6 x 8'-0 x 25'-0 FOR 18B, 19B & 20B

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 H30-78-06.

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

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.

LATEST REVISION DATE	APPROVED BY BRIDGE ENGINEER		
		STANDARD DESIGN - 30' ROADWAY, THREE SPAN BRIDGES PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES DECEMBER, 2006	
		TEE PIER - 50 TON STEEL PILE FOOTINGS 45° SKEW - H=16' to 24'	H30-79-06