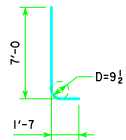
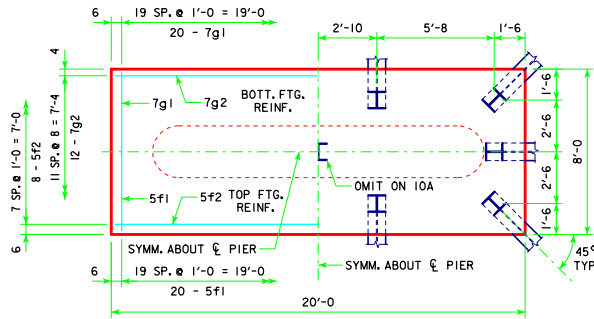


TYPICAL SECTION

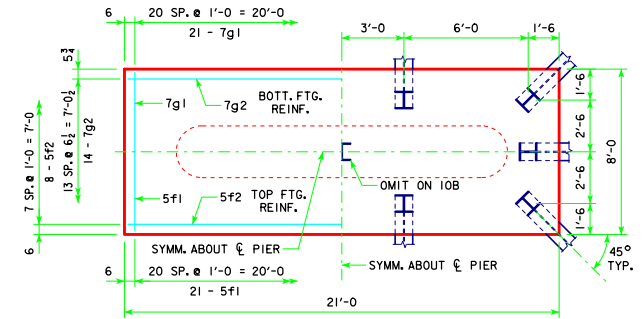


d2

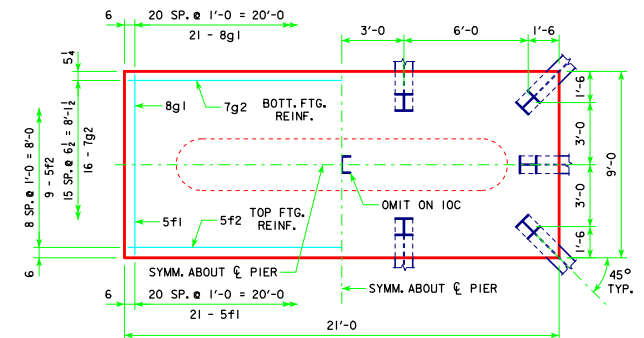
NOTE: D = PIN DIAMETER. DIMENSIONS ARE OUT TO OUT.



3'-6 x 8'-0 x 20'-0 FOR IOA & IIA



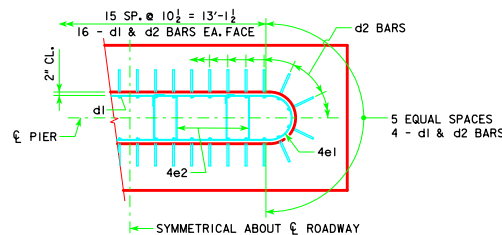
3'-6 x 8'-0 x 21'-0 FOR IOB & IIB



3'-6 x 9'-0 x 21'-0 FOR IOC & IIC

H IN FT.	CL - CL ABUT. BRG.	PILING (HP10x57)		FOOTING SIZE
		NO. & LAYOUT	(1) LRFD PU, STRENGTH I, DES. LOAD (KIPS)	
18	201'-4	10A	203	3'-6 x 8' x 20'
	213'-10	10A	211	
	226'-4	11A	206	
16	243'-0	11A	214	3'-6 x 8' x 21'
	201'-4	10B	208	
	213'-10	10B	215	
14	226'-4	11B	210	3'-6 x 9' x 21'
	243'-0	11B	218	
	201'-4	10C	209	
22	213'-10	10C	216	3'-6 x 9' x 21'
	226'-4	11C	211	
	243'-0	11C	219	

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)			TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)	
	BAR	NO., SIZE & SPACING	LENGTH			
3'-6 x 8' x 20'	d2	40 - #9 AS SHOWN	8'-7	1167	2286	20.7
	f1	20 - #5 @ 1'-0	7'-8	160		
	f2	8 - #5 @ 1'-0	19'-8	164		
	g1	20 - #7 @ 1'-0	7'-8	313		
	g2	12 - #7 @ 0'-8	19'-8	482		
	d2	40 - #9 AS SHOWN	8'-7	1167		
3'-6 x 8' x 21'	f1	21 - #5 @ 1'-0	7'-8	168	2427	21.8
	f2	8 - #5 @ 1'-0	20'-8	172		
	g1	21 - #7 @ 1'-0	7'-8	329		
	g2	14 - #7 @ 0'-6 1/2	20'-8	591		
	f1	21 - #5 @ 1'-0	7'-8	168		
	d2	40 - #9 AS SHOWN	8'-7	1167		
3'-6 x 9' x 21'	f1	21 - #5 @ 1'-0	8'-8	190	2713	24.5
	f2	9 - #5 @ 1'-0	20'-8	194		
	g1	21 - #8 @ 1'-0	8'-8	486		
	g2	16 - #7 @ 0'-6 1/2	20'-8	676		



d2 BAR LAYOUT

(SEE SECTION A-A ON SHEET H30-57-06.)

NOTE: PU, STRENGTH I DESIGN LOAD (KIPS) IS NOT THE VALUE USED IN THE FIELD FOR DRIVING PILES.

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 H30-57-06.

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.

PIER PILES SHALL BE DRIVEN TO VALUES SHOWN IN DESIGN PLANS.

LATEST REVISION DATE 04-13	 APPROVED BY BRIDGE ENGINEER	 STANDARD DESIGN - 30' ROADWAY, THREE SPAN BRIDGES <b>PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES</b> DECEMBER, 2006	<b>TEE PIER-HP10x57 SRL-2</b> <b>STEEL PILE FOOTINGS</b> 0° SKEW - H=16' to 24'	<b>H30-60-06</b>