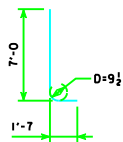


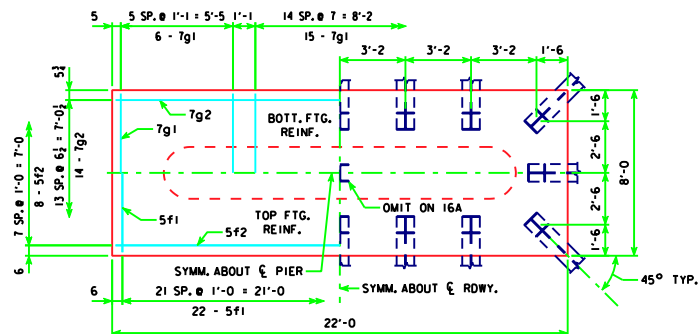
TYPICAL SECTION



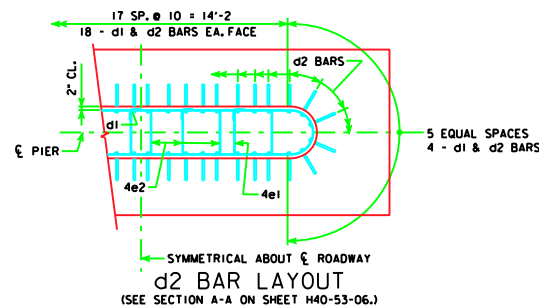
d2
NOTE: D = PIN DIAMETER.
DIMENSIONS ARE OUT TO OUT.

H IN FT.	ξ - ξ ABUT. FT.	NO. & DES. BRG. LAYOUT	DES. BRG. (TONS)	FOOTING SIZE
18	201'-4	16A	47	
19	213'-10	16A	49	3'-6 x 8' x 22'
20	226'-4	16A	50	
21	243'-0	17A	50	
22	201'-4	16B	47	
23	213'-10	16B	49	3'-6 x 8' x 23'
24	226'-4	17B	49	
25	243'-0	17B	50	
26	201'-4	16C	47	
27	213'-10	16C	49	3'-6 x 8' x 24'
28	226'-4	17C	49	
29	243'-0	17C	50	

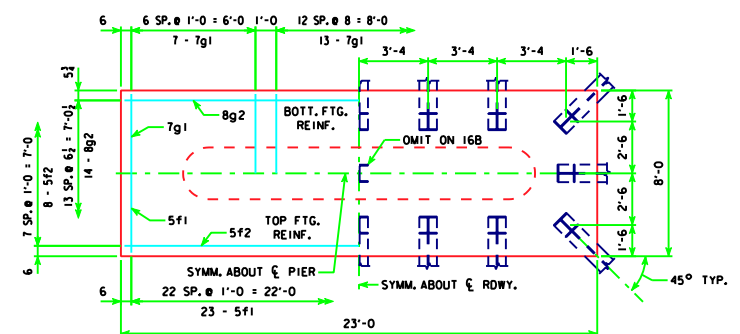
FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)			TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH		
3'-6 x 8' x 22'	d2	44 - #9 AS SHOWN	8'-7	1284	2684
	f1	22 - #5 @ 1'-0	7'-8	176	
	f2	8 - #5 @ 1'-0	21'-8	181	
	g1	27 - #7 AS SHOWN	7'-8	423	
	g2	14 - #7 @ 0'-6 1/2	21'-8	620	
3'-6 x 8' x 23'	d2	44 - #9 AS SHOWN	8'-7	1284	2927
	f1	23 - #5 @ 1'-0	7'-8	184	
	f2	8 - #5 @ 1'-0	22'-8	189	
	g1	27 - #7 AS SHOWN	7'-8	423	
	g2	14 - #8 @ 0'-6 1/2	22'-8	847	
3'-6 x 8' x 24'	d2	44 - #9 AS SHOWN	8'-7	1284	2854
	f1	24 - #5 @ 1'-0	7'-8	192	
	f2	8 - #5 @ 1'-0	23'-8	197	
	g1	27 - #7 AS SHOWN	7'-8	423	
	g2	12 - #8 @ 0'-8	23'-8	758	



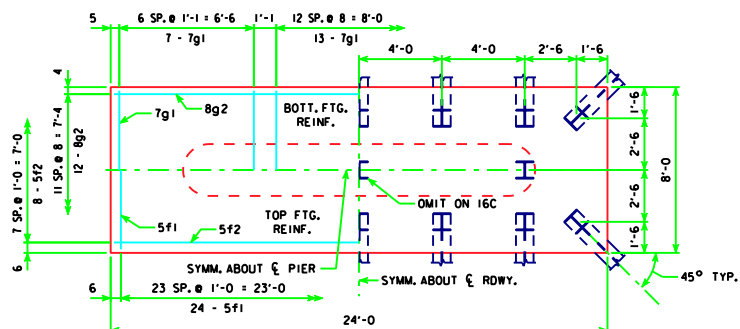
3'-6 x 8'-0 x 22'-0 FOR 16A & 17A



d2 BAR LAYOUT
(SEE SECTION A-A ON SHEET H40-53-06.)



3'-6 x 8'-0 x 23'-0 FOR 16B & 17B



3'-6 x 8'-0 x 24'-0 FOR 16C & 17C

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 H40-53-06.

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.

LATEST REVISION DATE	<i>Thomas L. McQuinn</i> APPROVED BY BRIDGE ENGINEER		
		STANDARD DESIGN - 40' ROADWAY, THREE SPAN BRIDGE	
		PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES	
		HL93 SUPERSTRUCTURE	DECEMBER, 2006
TEE PIER - STEEL PILE FOOTINGS, H=16' TO 24'		H40-55-06	
0° SKEW			