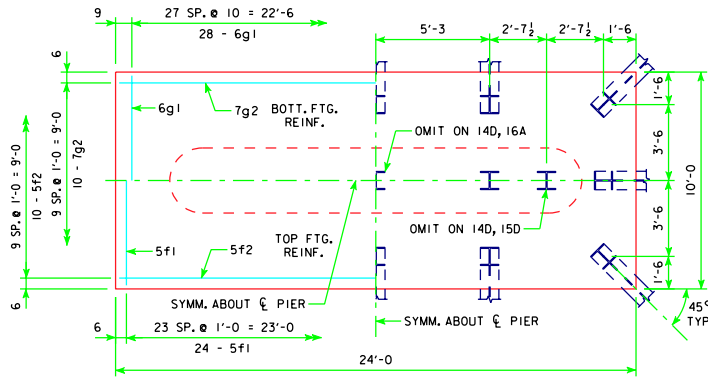
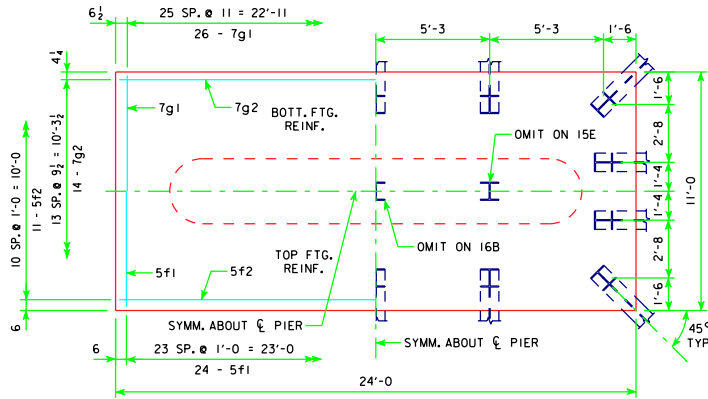


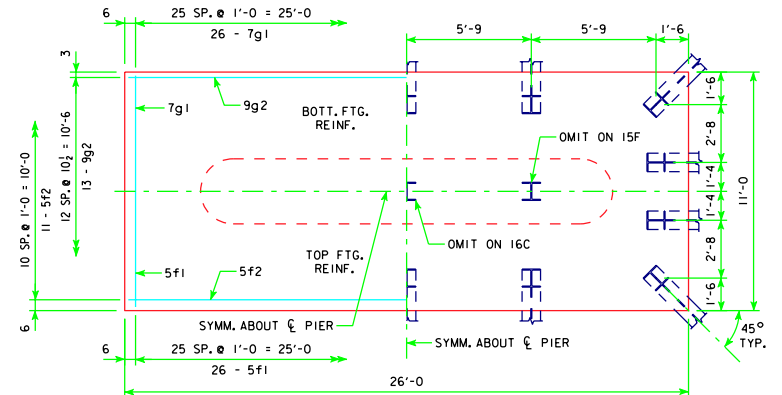
TYPICAL SECTION



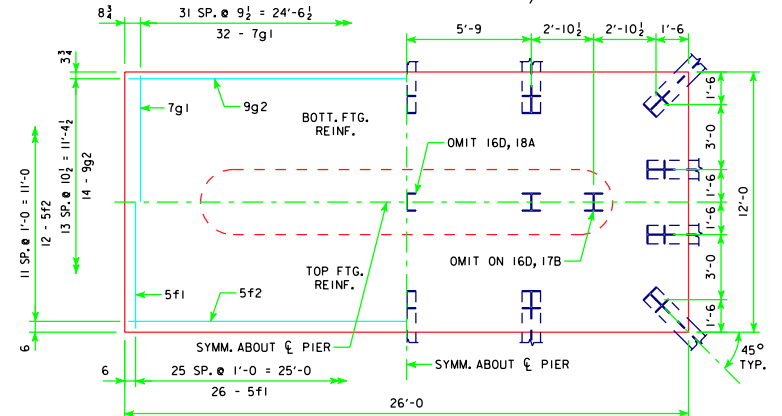
4'-0 x 10'-0 x 24'-0 FOR 14D, 15D & 16A



4'-0 x 11'-0 x 24'-0 FOR 15E & 16B



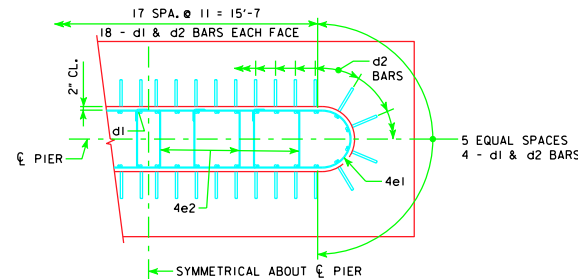
4'-0 x 11'-0 x 26'-0 FOR 15F, 16C & 17A



4'-0 x 12'-0 x 26'-0 FOR 16D, 17B & 18A

H IN FT.	CL. - CL. ABUT. BRG.	PILING (HP10x57)		FOOTING SIZE
		NO. & LAYOUT	DES. BRG. (TONS)	
20'1'-4	14D	49	142	4' x 10' x 24'
213'-10	15D	49	141	
226'-4	15D	50	145	
243'-0	16A	48	138	4' x 11' x 24'
201'-4	15E	47	134	
213'-10	15E	48	138	
226'-4	15E	49	142	4' x 11' x 24'
243'-0	16B	48	139	
201'-4	15F	49	141	
213'-10	15E	50	145	4' x 11' x 26'
226'-4	16B	49	141	
243'-0	16B	50	144	
201'-4	15F	50	145	4' x 12' x 26'
213'-10	16C	49	141	
226'-4	16C	50	145	
243'-0	17A	49	142	4' x 12' x 26'
201'-4	16D	50	144	
213'-10	17B	50	143	
226'-4	17B	50	147	4' x 12' x 26'
243'-0	18A	48	140	

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)			TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH		
4' x 10' x 24'	d2	44 - #10 AS SHOWN	10'-6	1988	3368
	f1	24 - #5 @ 1'-0	9'-8	242	
	f2	10 - #5 @ 1'-0	23'-8	247	
	g1	28 - #6 @ 0'-10	9'-8	407	
	g2	10 - #7 @ 1'-0	23'-8	484	
	d2	44 - #10 AS SHOWN	10'-6	1988	
4' x 11' x 24'	f1	24 - #5 @ 1'-0	10'-8	267	3771
	f2	11 - #5 @ 1'-0	23'-8	272	
	g1	26 - #7 @ 0'-11	10'-8	567	
	g2	14 - #7 @ 0'-9 1/2	23'-8	677	
	d2	44 - #10 AS SHOWN	10'-6	1988	
	f1	26 - #5 @ 1'-0	10'-8	289	
4' x 11' x 26'	f2	11 - #5 @ 1'-0	25'-8	294	4272
	g1	26 - #7 @ 1'-0	10'-8	567	
	g2	13 - #9 @ 0'-10 1/2	25'-8	1134	
	d2	44 - #10 AS SHOWN	10'-6	1988	
	f1	26 - #5 @ 1'-0	11'-8	316	
	f2	12 - #5 @ 1'-0	25'-8	321	
4' x 12' x 26'	g1	32 - #7 @ 0'-9 1/2	11'-8	763	4610
	g2	14 - #9 @ 0'-10 1/2	25'-8	1222	



d2 BAR LAYOUT
(SEE SECTION A-A ON SHEET H24-64-06.)

- FOR DETERMINING ACTUAL PILE LENGTHS IN FIELD.
- FOR ESTIMATING PILE LENGTHS USING AASHTO LRFD SPECIFICATIONS.

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

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 H24-64-06.

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.

01-10 LATEST REVISION DATE APPROVED BY BRIDGE ENGINEER <i>Thomas E. McQuinn</i>		
	STANDARD DESIGN - 24' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES DECEMBER, 2006	
	TEE PIER - 50 TON STEEL PILE FOOTINGS 30° SKEW - H=25' TO 40'	H24-66-06