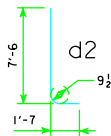
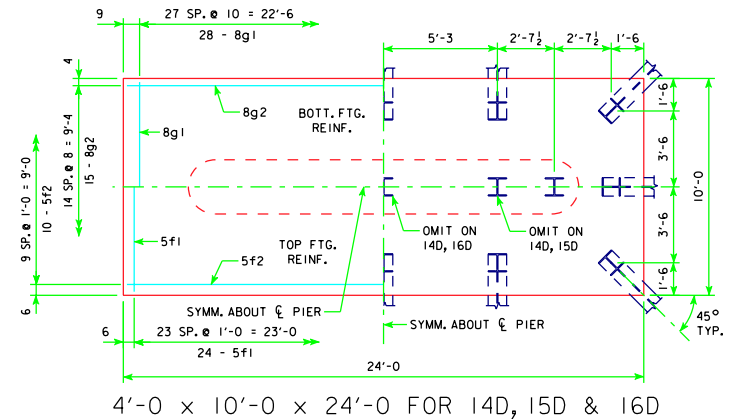
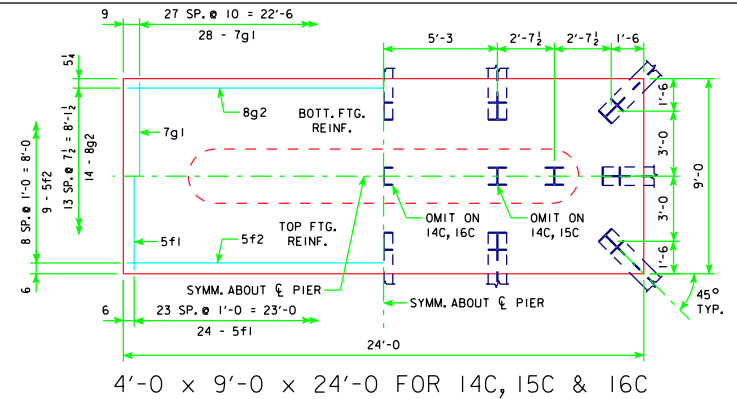
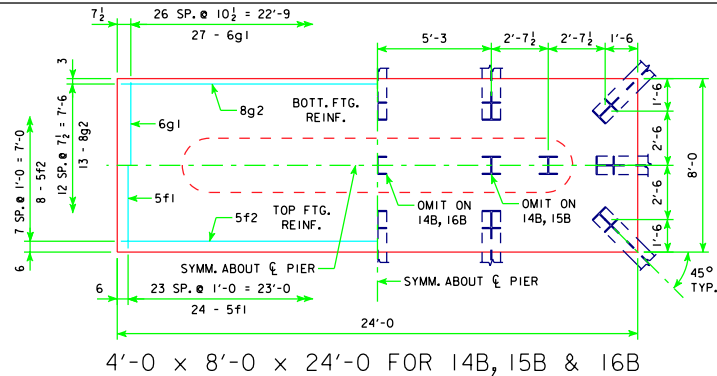


TYPICAL SECTION

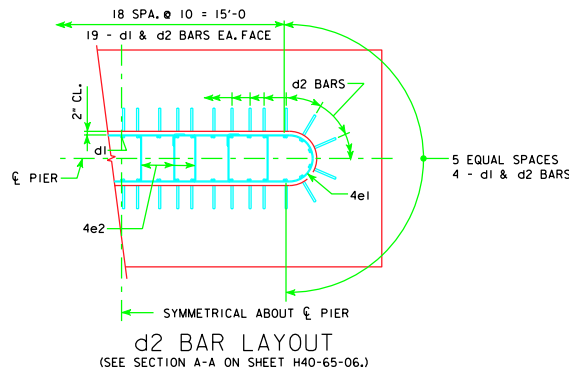


NOTE: D = PIN DIAMETER.
DIMENSIONS ARE OUT TO OUT.



H IN FT.	CL - CL ABUT. BRG.	PILING (HP10x57)		FOOTING SIZE
		NO. & LAYOUT	DES. BRG. (TONS)	
201'-4	14B	73	209	4' x 8' x 24'
213'-10	14B	75	217	
226'-4	15B	75	217	
243'-0	16B	74	213	
201'-4	14B	74	213	4' x 8' x 24'
213'-10	15B	73	212	
226'-4	16B	72	209	
243'-0	16B	75	216	
201'-4	14C	74	213	4' x 9' x 24'
213'-10	15C	73	211	
226'-4	16C	72	208	
243'-0	16C	75	215	
201'-4	14D	74	213	4' x 10' x 24'
213'-10	15D	73	211	
226'-4	16D	72	208	
243'-0	16D	75	215	
201'-4	14D	75	217	4' x 10' x 24'
213'-10	15D	74	215	
226'-4	16D	73	212	
243'-0	16D	75	219	

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)	
4' x 8' x 24'	d2	46 - #9 AS SHOWN	9'-1	1421	2942
	f1	24 - #5 @ 1'-0	23'-8	192	
	f2	8 - #5 @ 1'-0	23'-8	197	
	g1	27 - #6 @ 0'-10 1/2	7'-8	311	
4' x 9' x 24'	g2	13 - #8 @ 0'-7 1/2	23'-8	821	3241
	d2	46 - #9 AS SHOWN	9'-1	1421	
	f1	24 - #5 @ 1'-0	8'-8	217	
	f2	9 - #5 @ 1'-0	23'-8	222	
4' x 10' x 24'	g1	28 - #7 @ 0'-10	8'-8	496	3581
	g2	14 - #8 @ 0'-7 1/2	23'-8	885	
	d2	46 - #9 AS SHOWN	9'-1	1421	
	f1	24 - #5 @ 1'-0	9'-8	242	
	f2	10 - #5 @ 1'-0	23'-8	247	35,6
	g1	28 - #8 @ 0'-10	9'-8	723	
	g2	15 - #8 @ 0'-8	23'-8	948	



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

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.

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 <i>Thomas L. McDaniel</i>		
		STANDARD DESIGN - 40' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES AUGUST, 2009	
		TEE PIER - 75 TON STEEL PILE FOOTINGS 15° SKEW - H=25' TO 40'	H40-70-06