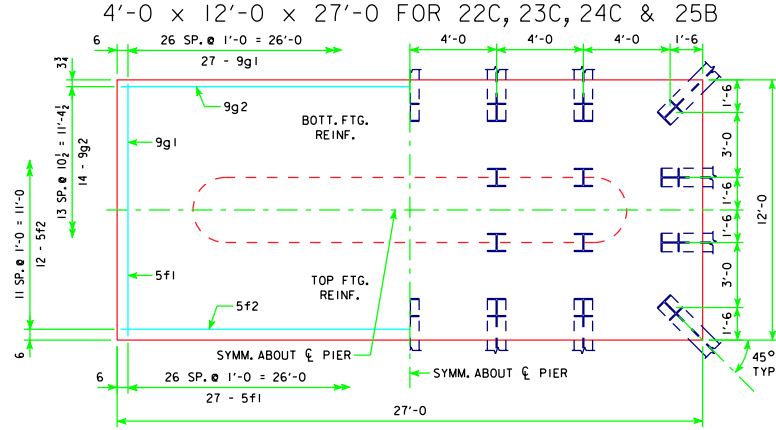
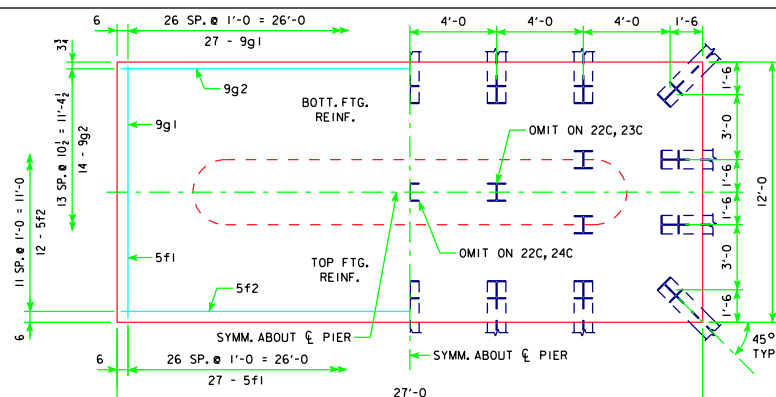
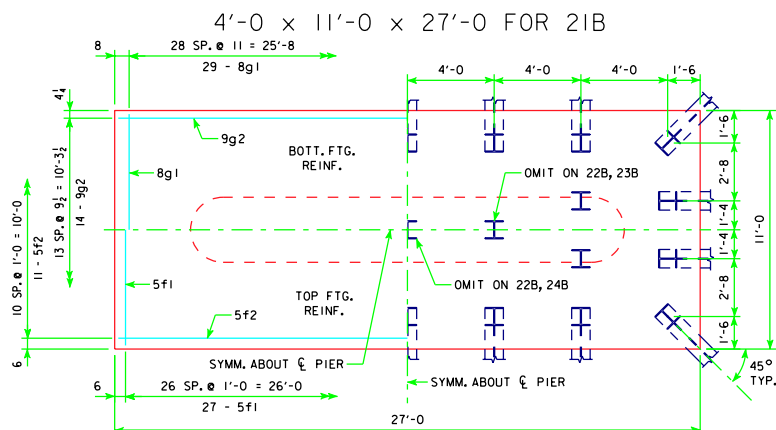
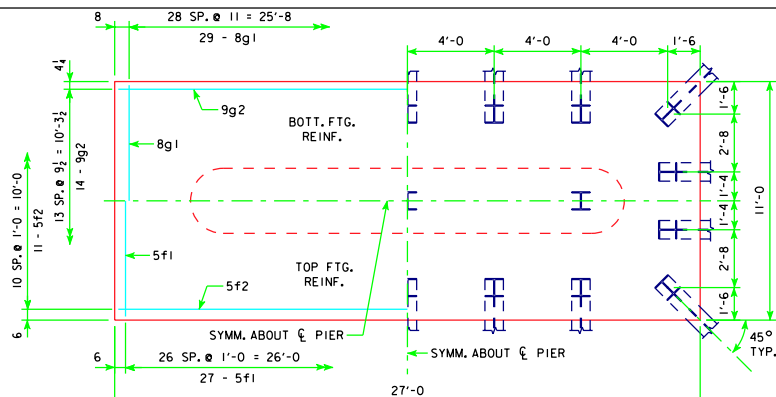
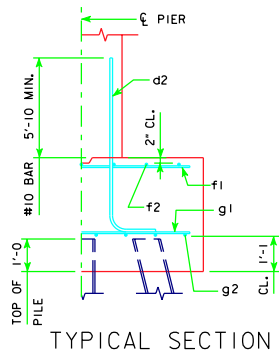
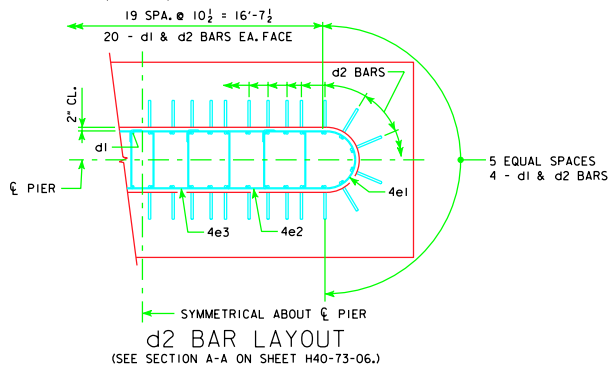
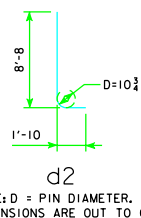




H IN FT.	CL - CL ABUT. BRG.	PILING (HP10x57)		FOOTING SIZE
		NO. & LAYOUT	DES. BRG. (TONS)	
201'-4	21B	50	144	4' x 11' x 27'
213'-10	22B	49	141	
226'-4	23B	50	143	
243'-0	24B	50	144	
201'-4	22B	48	139	4' x 11' x 27'
213'-10	22B	50	144	
226'-4	23B	50	146	
243'-0	24B	50	146	
201'-4	22B	49	142	4' x 11' x 27'
213'-10	22B	50	147	
226'-4	24B	50	144	
243'-0	25A	50	145	
201'-4	22C	50	144	4' x 12' x 27'
213'-10	23C	50	144	
226'-4	24C	50	145	
243'-0	25B	50	147	
201'-4	23C	50	143	4' x 12' x 27'
213'-10	24C	50	143	
226'-4	25B	50	145	
243'-0	26A	50	145	

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
4' x 11' x 27'	d2	48 - #10 AS SHOWN	10'-6"	2169	4870	44.0
	f1	27 - #5 @ 1'-0"	10'-8"	300		
	f2	11 - #5 @ 1'-0"	26'-8"	306		
	g1	29 - #8 @ 0'-11"	10'-8"	826		
	g2	14 - #9 @ 0'-9 1/2"	26'-8"	1269		
	d2	48 - #10 AS SHOWN	10'-6"	2169		
4' x 12' x 27'	f1	27 - #5 @ 1'-0"	11'-8"	329	5172	48.0
	f2	12 - #5 @ 1'-0"	26'-8"	334		
	g1	27 - #9 @ 1'-0"	11'-8"	1071		
	g2	14 - #9 @ 0'-10 1/2"	26'-8"	1269		
	d2	48 - #10 AS SHOWN	10'-6"	2169		
	f1	27 - #5 @ 1'-0"	11'-8"	329		



- 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 H40-73-06.

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 - 40' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES AUGUST, 2009	
		TEE PIER - 50 TON STEEL PILE FOOTINGS 30° SKEW - H=25' TO 40'	H40-76-06