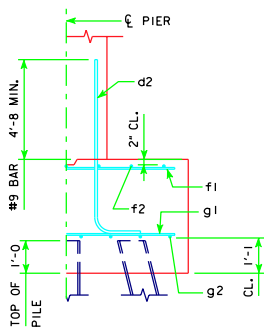
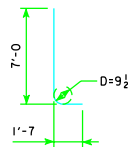


REVISED 11-09 - SHEET WAS REVISED TO MEET LRFD SPECIFICATIONS.

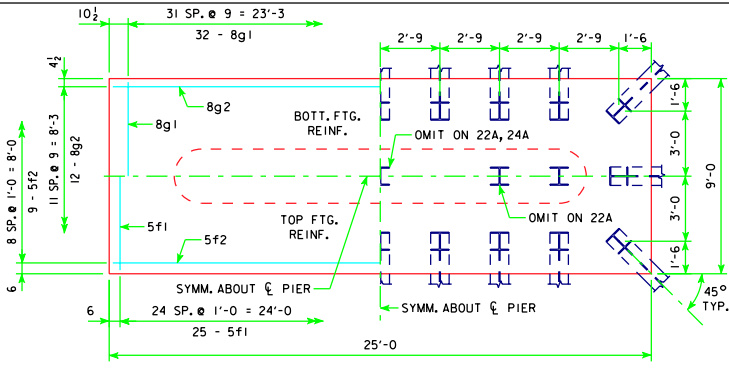


TYPICAL SECTION

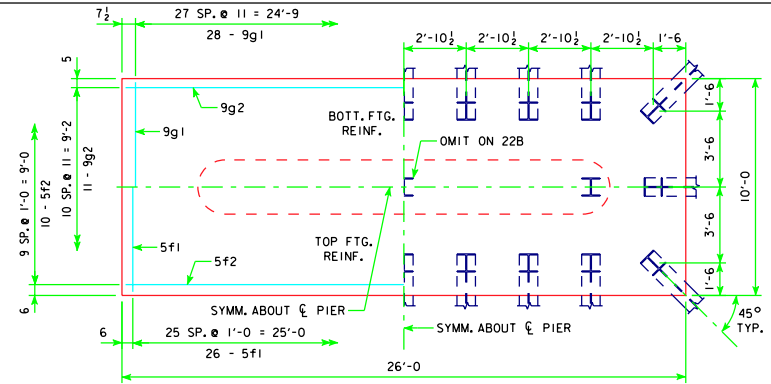


d2

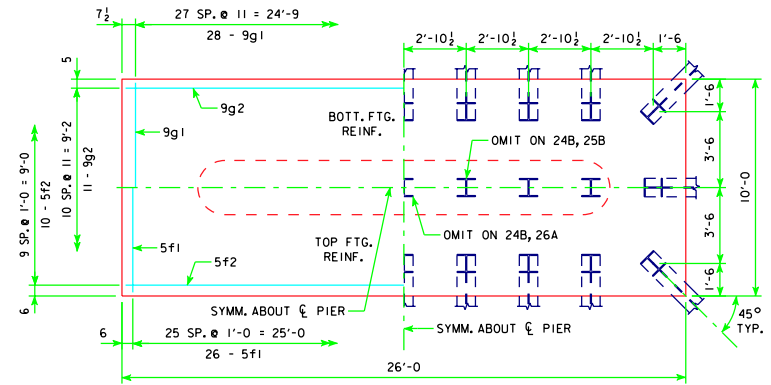
NOTE: D = PIN DIAMETER.
DIMENSIONS ARE OUT TO OUT.



3'-6 x 9'-0 x 25'-0 FOR 22A, 24A & 25A



3'-6 x 10'-0 x 26'-0 FOR 22B & 23A



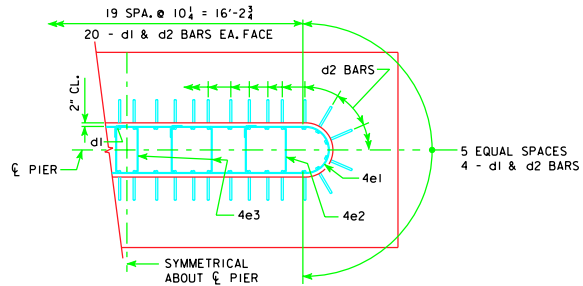
3'-6 x 10'-0 x 26'-0 FOR 24B, 25B & 26A

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 H44-58-07.
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.

H IN FT.	CL - CL ABUT. BRG.	PILING (HP10x57)		FOOTING SIZE
		NO. & LAYOUT	DES. BRG. (TONS)	
201'-4	22A	49	140	3'-6 x 9' x 25'
213'-10	22A	50	146	
226'-4	24A	50	143	
243'-0	25A	50	145	
201'-4	22B	49	140	3'-6 x 10' x 26'
213'-10	22B	50	146	
226'-4	24B	49	142	
243'-0	25B	50	145	
201'-4	22B	50	143	3'-6 x 10' x 26'
213'-10	23A	50	144	
226'-4	24B	50	145	
243'-0	26A	50	143	

FOOTING SIZE	REINFORCING STEEL (ONE FOOTING)				TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
	BAR	NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)		
3'-6 x 9' x 25'	d2	48 - #9 AS SHOWN	8'-7	1401	3389	29.2
	f1	25 - #5 @ 1'-0	8'-8	226		
	f2	9 - #5 @ 1'-0	24'-8	232		
	g1	32 - #8 @ 0'-9	8'-8	740		
	g2	12 - #8 @ 0'-9	24'-8	790		
3'-6 x 10' x 26'	d2	48 - #9 AS SHOWN	8'-7	1401	3811	33.7
	f1	26 - #5 @ 1'-0	9'-8	262		
	f2	10 - #5 @ 1'-0	25'-8	268		
	g1	28 - #9 @ 0'-11	9'-8	920		
	g2	11 - #9 @ 0'-11	25'-8	960		



d2 BAR LAYOUT

(SEE SECTION A-A ON SHEET H44-58-07.)

- ① FOR DETERMINING ACTUAL PILE LENGTHS IN FIELD.
- ② FOR ESTIMATING PILE LENGTHS USING AASHTO LRFD SPECIFICATIONS.

LATEST REVISION DATE
11-09

APPROVED BY BRIDGE ENGINEER
Thomas L. McQuinn

STANDARD DESIGN - 44' ROADWAY, THREE SPAN BRIDGE
PRETENSIONED PRESTRESSED
CONCRETE BEAM BRIDGES
MARCH, 2007

TEE PIER - 50 TON
STEEL PILE FOOTINGS
15° SKEW - H=16' TO 24'

H44-60-07