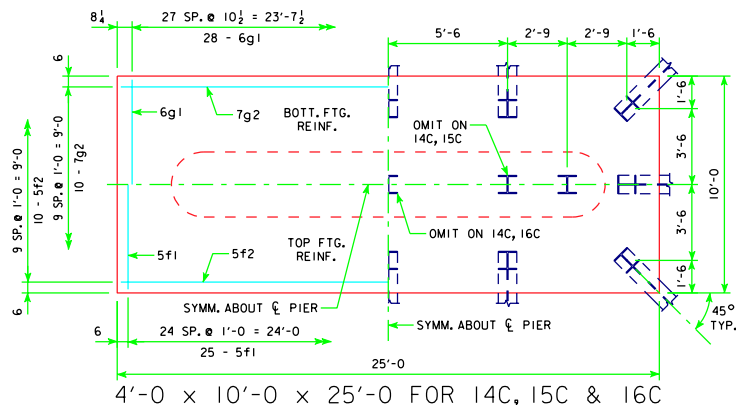


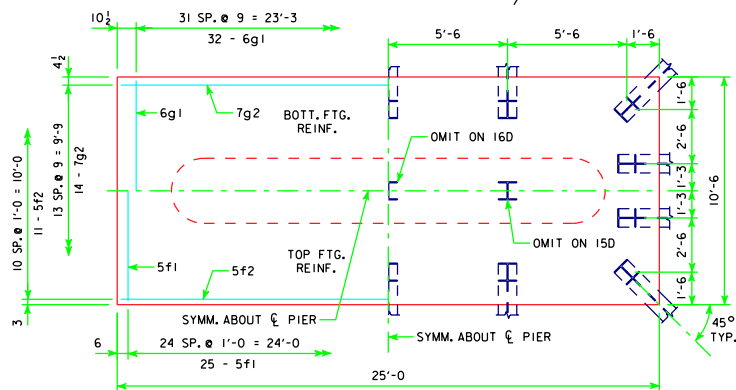
TYPICAL SECTION

H IN FT.	CL - CL ABUT. BRT.	NO. & LAYOUT	DES. BRG. (TONS)	DES. BRG. (KIPS)	FOOTING SIZE
201'-4	14C	50	144		
213'-10	15C	49	142		
226'-4	16C	49	141		4' x 10' x 25'
243'-0	16C	50	145		
201'-4	15D	48	138		
213'-10	15D	50	143		
226'-4	16D	49	141		4' x 10'-6 x 25'
243'-0	16D	50	146		
201'-4	15D	50	143		
213'-10	16D	49	141		4' x 10'-6 x 25'
226'-4	16D	50	146		
243'-0	17A	50	145		
201'-4	16E	49	140		
213'-10	16E	50	144		4' x 12' x 25'
226'-4	17B	50	143		
243'-0	17B	50	146		
201'-4	16F	50	144		
213'-10	17C	49	142		4' x 12' x 27'
226'-4	17C	50	146		
243'-0	18A	50	144		

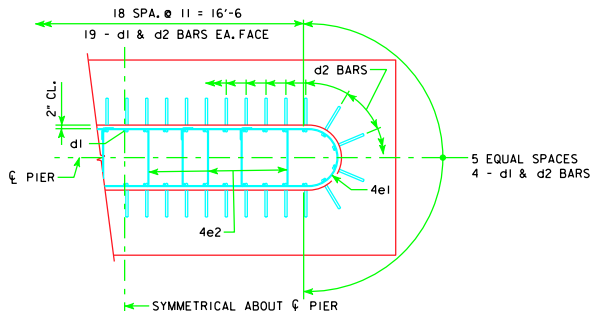
FOOTING SIZE	BAR NO., SIZE & SPACING	LENGTH	WEIGHT (LB.)	TOTAL WEIGHT (LB.)	STRUCTURAL CONCRETE (CY)
4' x 10' x 25'	d2 46 - #10 AS SHOWN f1 25 - #5 @ 1'-0 f2 10 - #5 @ 1'-0 g1 28 - #6 @ 0'-10 1/2 g2 10 - #7 @ 1'-0	10'-6 9'-8 24'-8 9'-8 24'-8	2078 252 257 407 504	3498	37.0
4' x 10'-6 x 25'	d2 46 - #10 AS SHOWN f1 25 - #5 @ 1'-0 f2 11 - #5 @ 1'-0 g1 32 - #6 @ 0'-9 g2 14 - #7 @ 0'-9	10'-6 10'-2 24'-8 10'-2 24'-8	2078 265 283 489 706	3821	38.9
4' x 12' x 25'	d2 46 - #10 AS SHOWN f1 25 - #5 @ 1'-0 f2 12 - #5 @ 1'-0 g1 31 - #7 @ 0'-9 1/2 g2 14 - #7 @ 0'-10 1/2	10'-6 11'-8 24'-8 11'-8 24'-8	2078 304 309 739 706	4136	44.4
4' x 12' x 27'	d2 46 - #10 AS SHOWN f1 27 - #5 @ 1'-0 f2 12 - #5 @ 1'-0 g1 32 - #7 @ 0'-10 g2 14 - #9 @ 0'-10 1/2	10'-6 11'-8 26'-8 11'-8 26'-8	2078 329 334 763 1269	4773	48.0



4'-0 x 10'-0 x 25'-0 FOR 14C, 15C & 16C



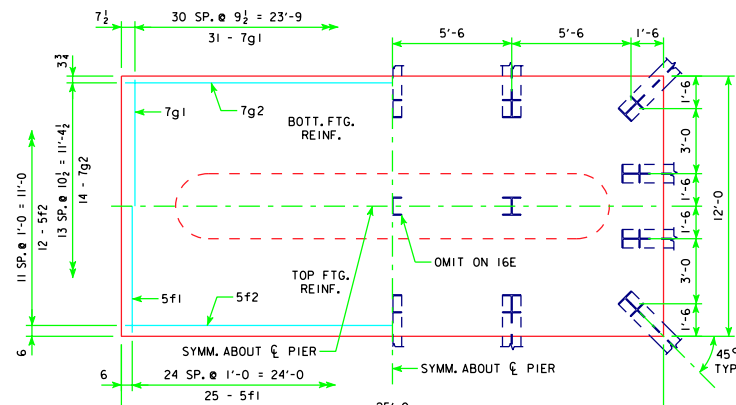
4'-0 x 10'-6 x 25'-0 FOR 15D, 16D & 17A



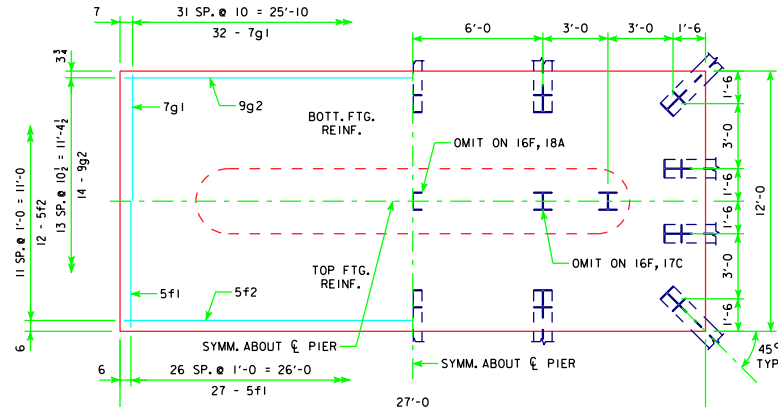
d2 BAR LAYOUT

(SEE SECTION A-A ON SHEET H24-71-06.)

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



4'-0 x 12'-0 x 25'-0 FOR 16E & 17B



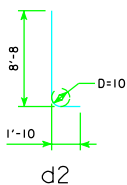
4'-0 x 12'-0 x 27'-0 FOR 16F, 17C & 18A

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 H24-71-06.

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.



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

LATEST REVISION DATE 01-10	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 45° SKEW - H=25' TO 40'	H24-73-06