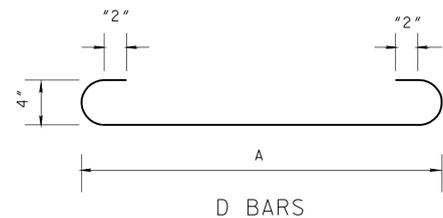
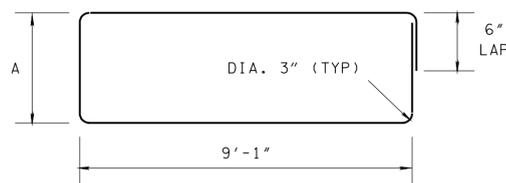


ANCHOR BOLT DETAIL  
ASTM A-687 GALVANIZED STEEL



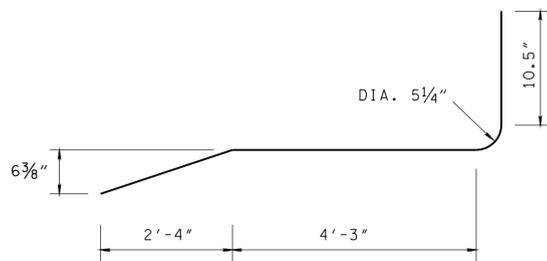
D BARS



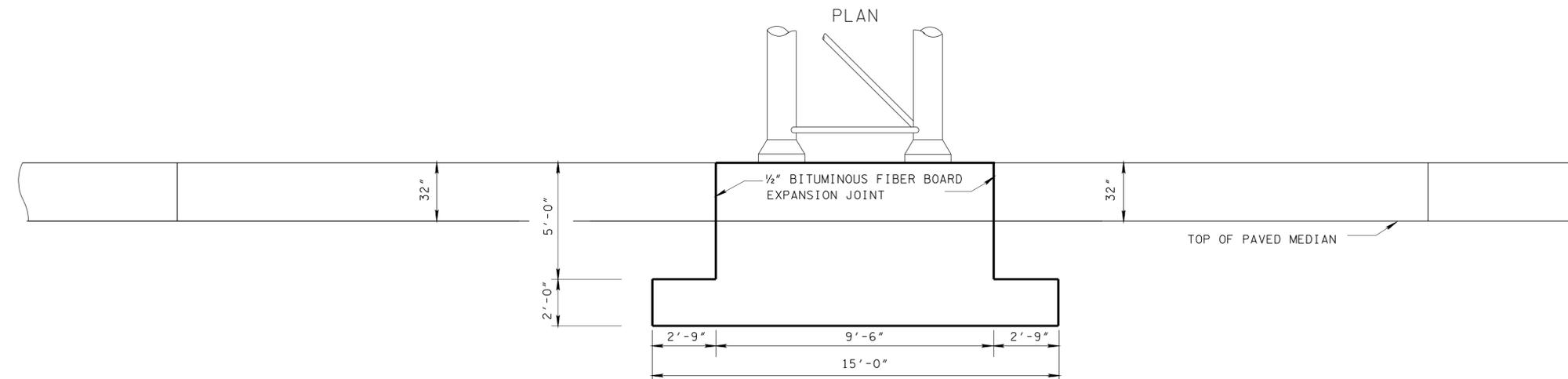
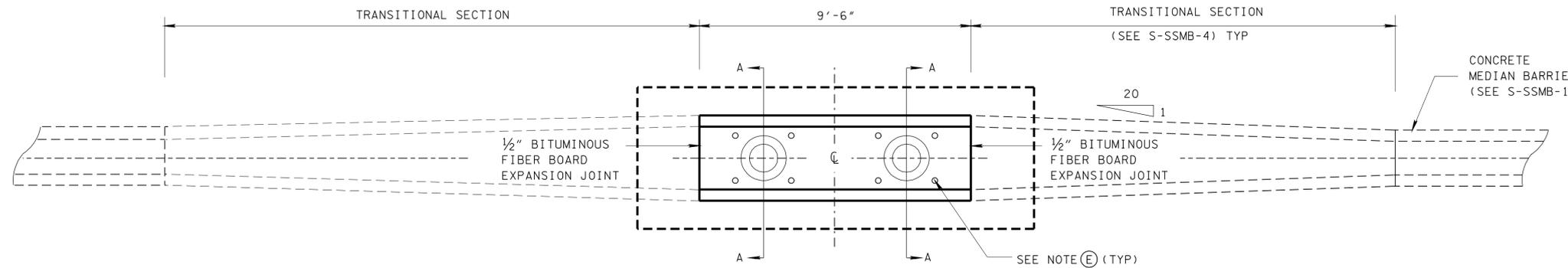
L BARS



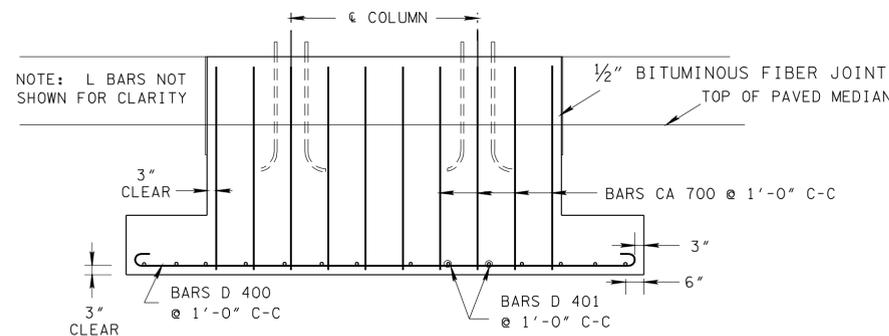
C BARS



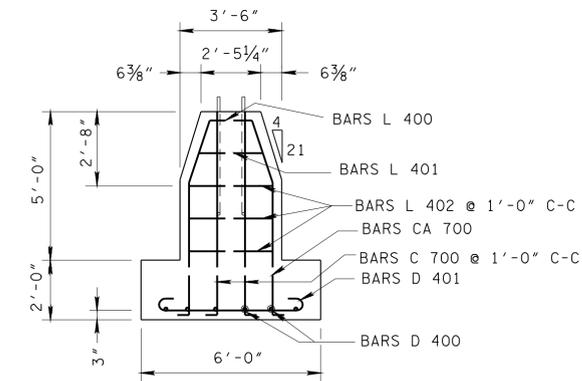
BARS CA 700  
BAR DETAIL



ELEVATION



FOOTING



SECTION "A-A"

BILL OF STEEL - PER FOOTING

BAR	SIZE	NO. REQ'D.	DIM A	LENGTH
C 700	7	4	6'-6"	7'-6"
CA 700	7	20		7'-9"
D 400	4	6	14'-6"	15'-10"
D 401	4	15	5'-6"	6'-10"
L 400	4	1	2'-1"	21'-10"
L 401	4	1	2'-4"	23'-4"
L 402	4	3	3'-1"	24'-10"

QUANTITIES

CLASS "A" CONCRETE	12.0 C.Y.
REINFORCING STEEL	589 LB.

GENERAL NOTES

- (A) FINISHED CONCRETE SURFACES: CONCRETE FINISHING SHALL BE IN ACCORDANCE WITH SECTION 604.22 OF THE TENNESSEE STANDARD SPECIFICATIONS EXCEPT AS MODIFIED BY THE SPECIAL PROVISION NO. 130 REGARDING SECTION 604-CONCRETE STRUCTURES. A TEXTURED COATED FINISH SHALL BE USED IN LIEU OF A CLASS 2 FINISH. THE COLOR OF THE FINISH SHALL BE SIMILAR TO WHITE FEDERAL SPECIFICATION NO. 37778, A COLOR SAMPLE SHALL BE SUBMITTED TO THE MATERIALS AND TEST ENGINEER FOR APPROVAL.
- (B) EPOXY COATED DOWEL BARS WILL BE PERMITTED AS AN ALTERNATE TO PAINTED AND GREASED DOWEL BARS. THE EPOXY COATING SHALL BE AN APPROVED HIGH DENSITY POLYETHYLENE 17 MILS (+ 2 MILS) BONDED TO THE BAR WITH AN APPROVED ADHESIVE 1 TO 8 MILS THICK (4 MILS NOMINAL).
- (C) IF A STORM DRAINAGE SYSTEM IS PLACED UNDER THE CENTER LINE OF THE MEDIAN BARRIER, THE PIPE SHALL BE SHIFTED HORIZONTALLY AROUND THE FOOTING.
- (D) OVERHEAD SIGN FOOTING COST IS TO BE INCLUDED IN THE COST OF THE OVERHEAD SIGN STRUCTURE.
- (E) LOCATION OF ANCHOR BOLTS TO BE DETERMINED IN THE FIELD BY THE ENGINEER TO MATCH SIGN STRUCTURE MANUFACTURERS SHOP DRAWING.
- (F) ANCHOR BOLTS, NUTS AND WASHERS ARE TO BE GALVANIZED STEEL.
- (G) CONCRETE:  $F_c = 4000$  POUNDS PER SQUARE INCH AT 28 DAYS.  
REINFORCING STEEL: ASTM A615,  $F_y = 60,000$  POUNDS PER SQUARE INCH  
ALL REINFORCEMENT IS TO BE INSTALLED AS DETAILED ON THIS DRAWING.