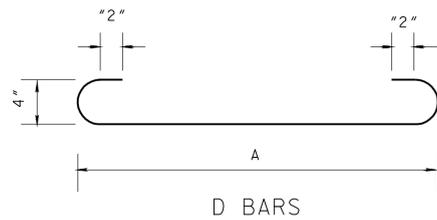


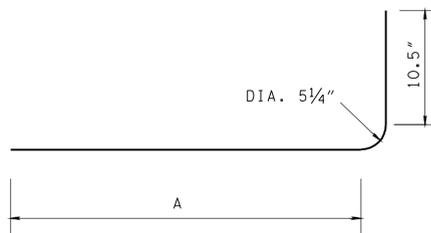
ANCHOR BOLT DETAIL
ASTM A-687 GALVANIZED STEEL



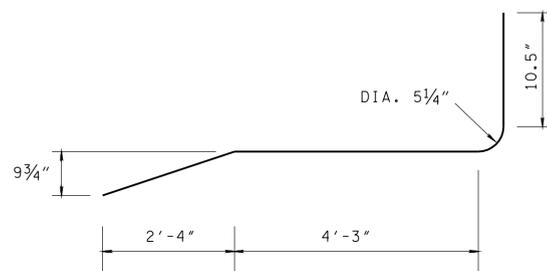
D BARS



L BARS

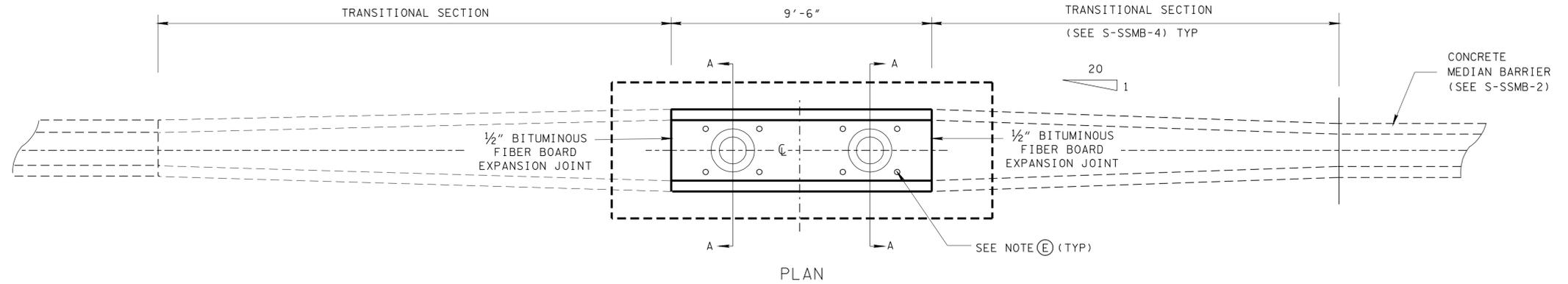


C BARS

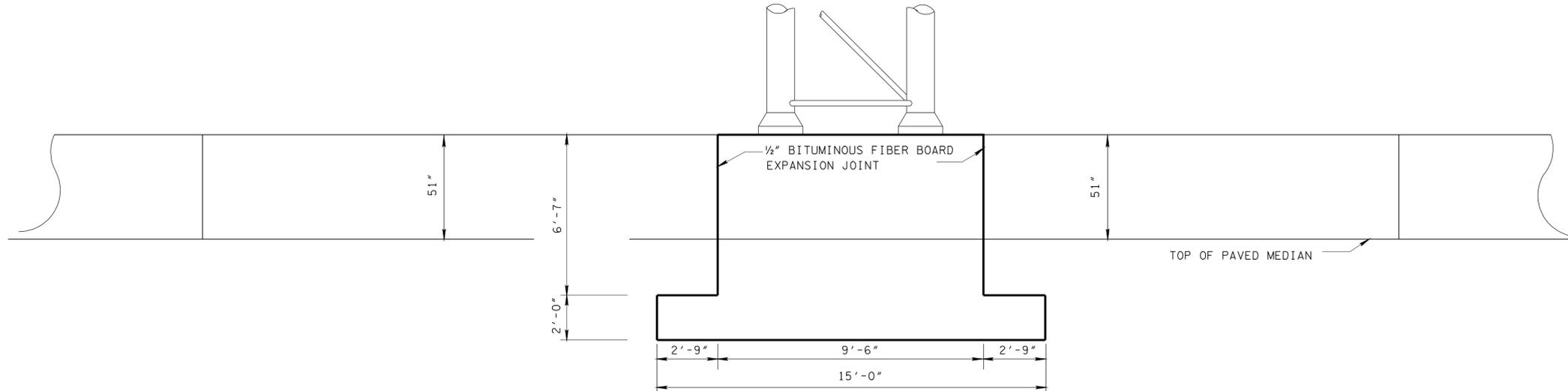


BAR CA 700

BAR DETAIL



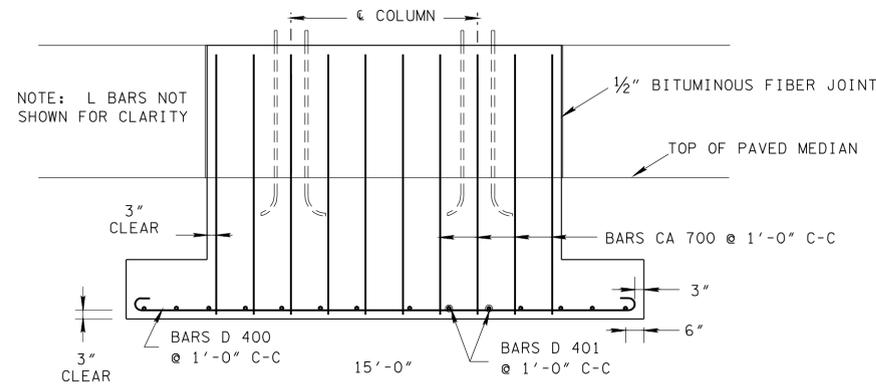
PLAN



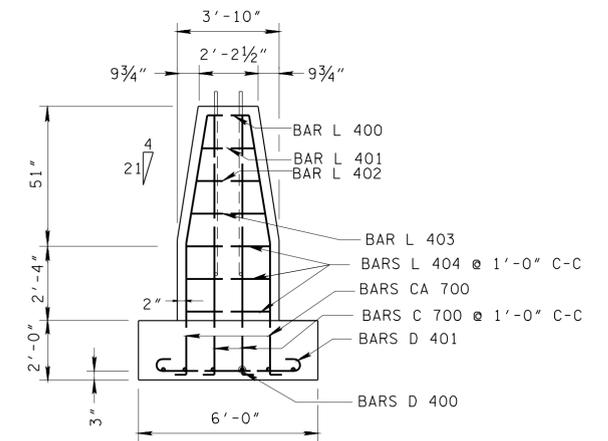
ELEVATION

BILL OF STEEL - PER FOOTING				
BAR	SIZE	NO. REQ'D.	DIM "S"	LENGTH
C 700	7	4	8'-2"	9'-3"
CA 700	7	20		9'-1"
D 400	4	6	14'-6"	15'-6"
D 401	4	15	5'-6"	6'-6"
L 400	4	3	2'-1"	22'-2"
L 401	4	1	2'-2"	23'-0"
L 402	4	1	2'-8"	24'-0"
L 403	4	1	3'-1"	25'-10"
L 404	4	3	3'-7"	25'-10"

QUANTITIES	
CLASS "A" CONCRETE	13.3 C.Y.
REINFORCING STEEL	658 LB.



FOOTING



SECTION "A-A"

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.