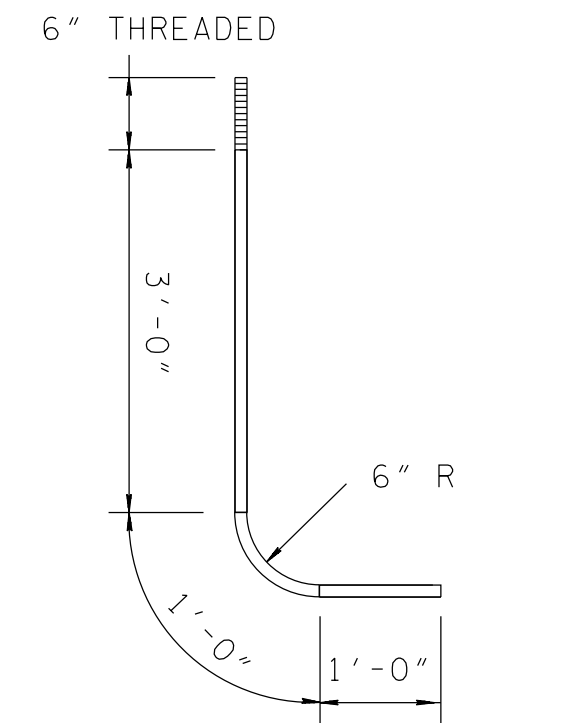


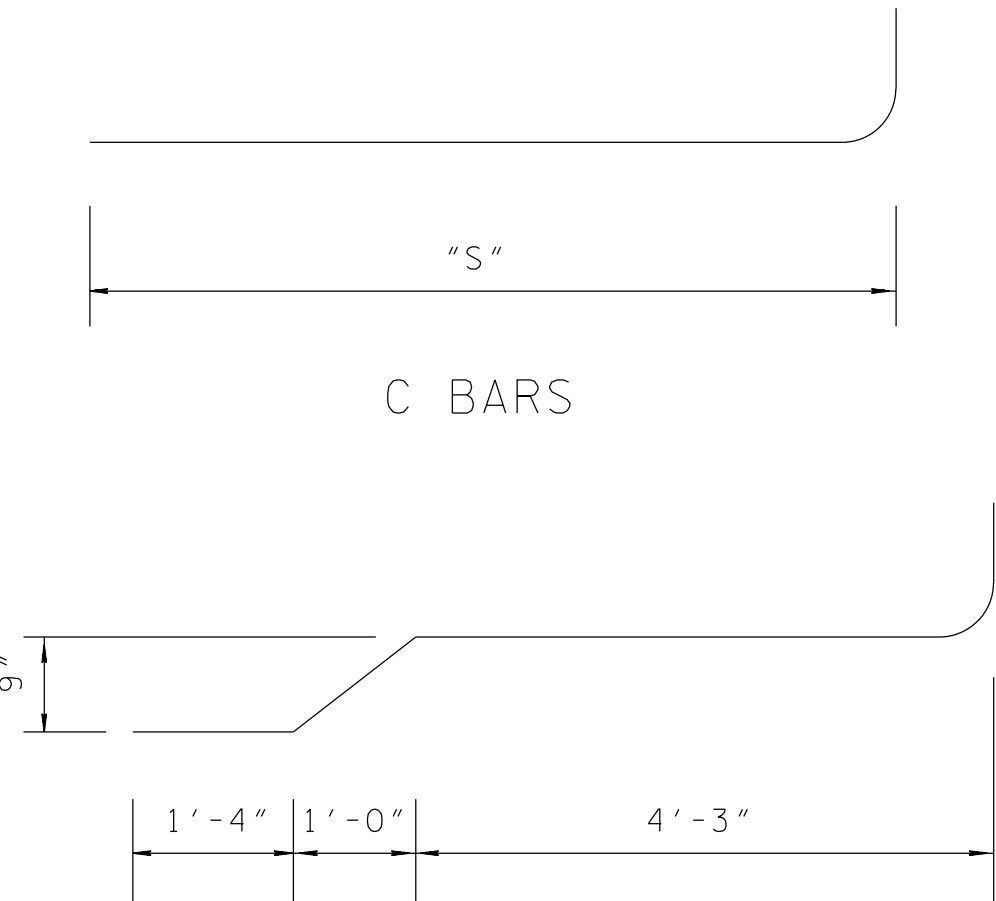
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2014	NH-I-640-7(161)	25
CONST.	2015	NH-I-640-7(161)	25

KNOX CO.
47008-3150-44 (CONST.)
CONCRETE
MEDIAN BARRIER

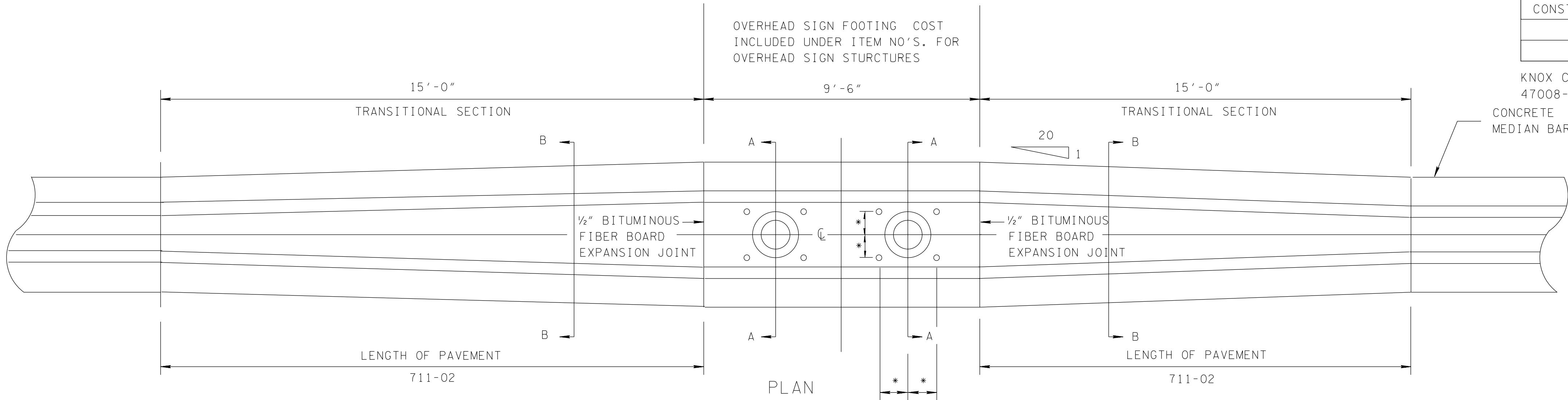
I-640



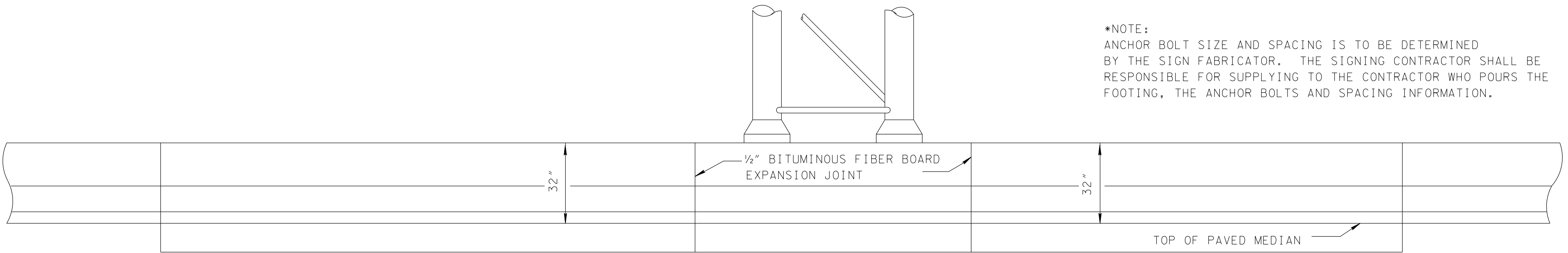
ANCHOR BOLT DETAIL
ASTM A-687 GALVANIZED
STEEL (OR AS SUPPLIED BY
THE SIGN FABRICATOR)



BARS CA 700
BAR DETAIL



PLAN



ELEVATION

*NOTE:
ANCHOR BOLT SIZE AND SPACING IS TO BE DETERMINED
BY THE SIGN FABRICATOR. THE SIGNING CONTRACTOR SHALL BE
RESPONSIBLE FOR SUPPLYING TO THE CONTRACTOR WHO POURS THE
FOOTING, THE ANCHOR BOLTS AND SPACING INFORMATION.

BILL OF STEEL - PER FOOTING

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

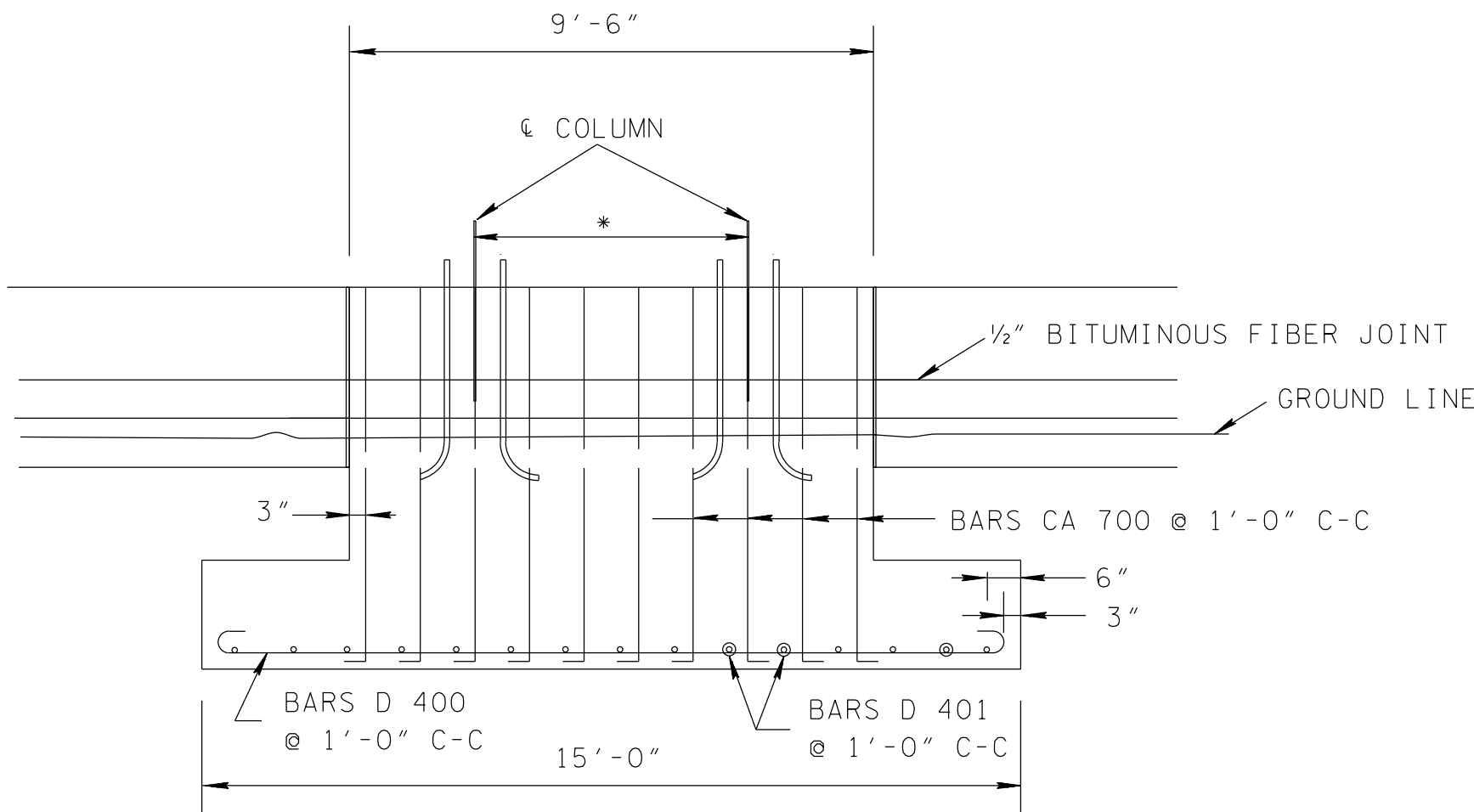
ESTIMATED QUANTITIES

CLASS "A" CONCRETE	11.9 C.Y.
REINFORCING STEEL	588 LB.

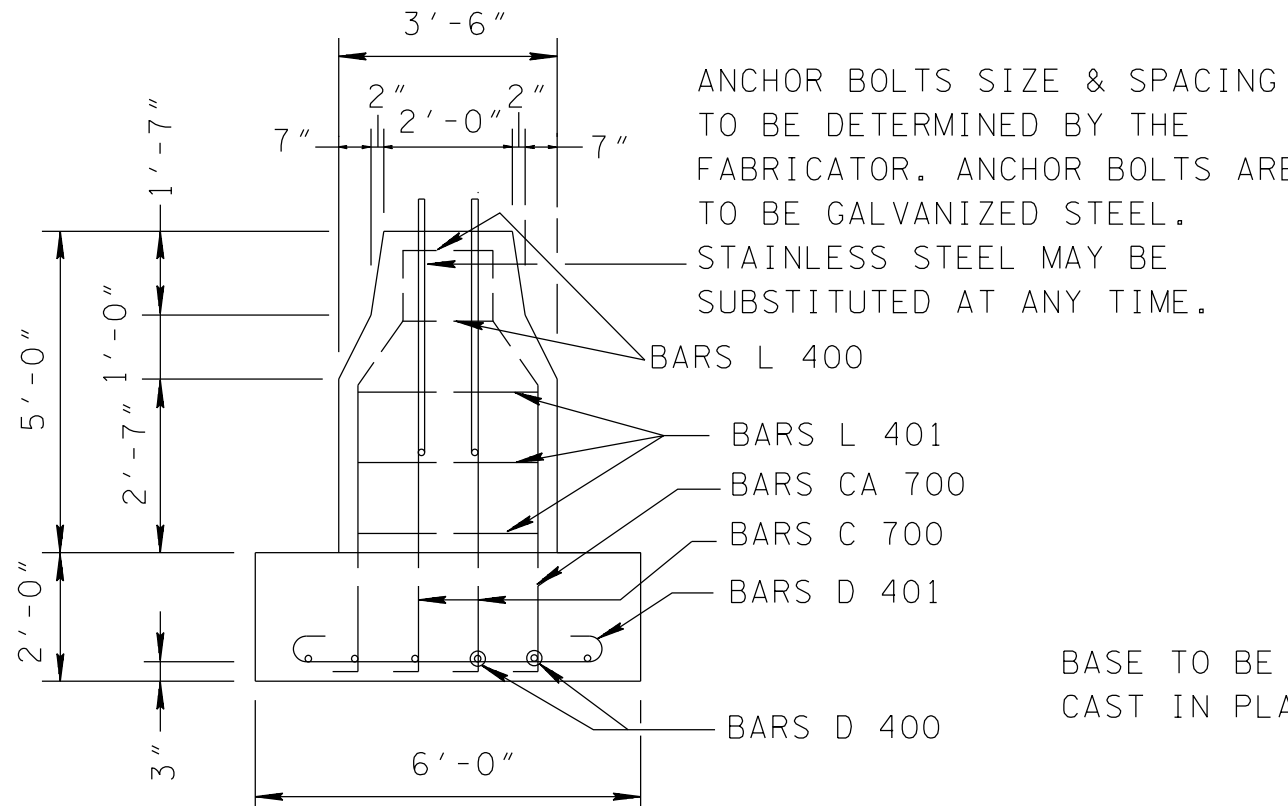
FINISHED CONCRETE SURFACES: CONCRETE FINISHING SHALL BE IN
ACCORDANCE WITH SECTION 604.22 OF THE TENNESSEE STANDARD
SPECIFICATIONS EXCEPT AS MODIFIED BY THE SPECIAL PROVISION
NO. 130 REGARDING SECTION 604-CONCRETE STRUCTURES. A TEXTURED
COATED FINISH SHALL BE USED IN LIEU OF A CLASS 2 FINISH. THE
COLOR 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. ALL COST OF FINISHING TO BE INCLUDED
IN ITEM NO. 711-02.

PLASTIC COATED DOWEL BARS WILL BE PERMITTED AS AN ALTERNATE TO
PAINTED AND GREASED DOWEL BARS. THE PLASTIC COATING SHALL BE AN
APPROVED HIGH DENSITY POLYETHELENE 17 MILS (± 2 MILS) BONDED TO THE
BAR WITH AN APPROVED ADHESIVE 1 TO 8 MILS THICK (4 MILS NOMINAL).

PRICE OF BARRIER INCLUDES COST OF ALL REINFORCEMENT, DOWELS, DRILLING,
JOINTS, JOINT MATERIAL AND ANY OTHER INCIDENTAL ITEMS NECESSARY FOR
COMPLETE INSTALLATION OF THE BARRIER.

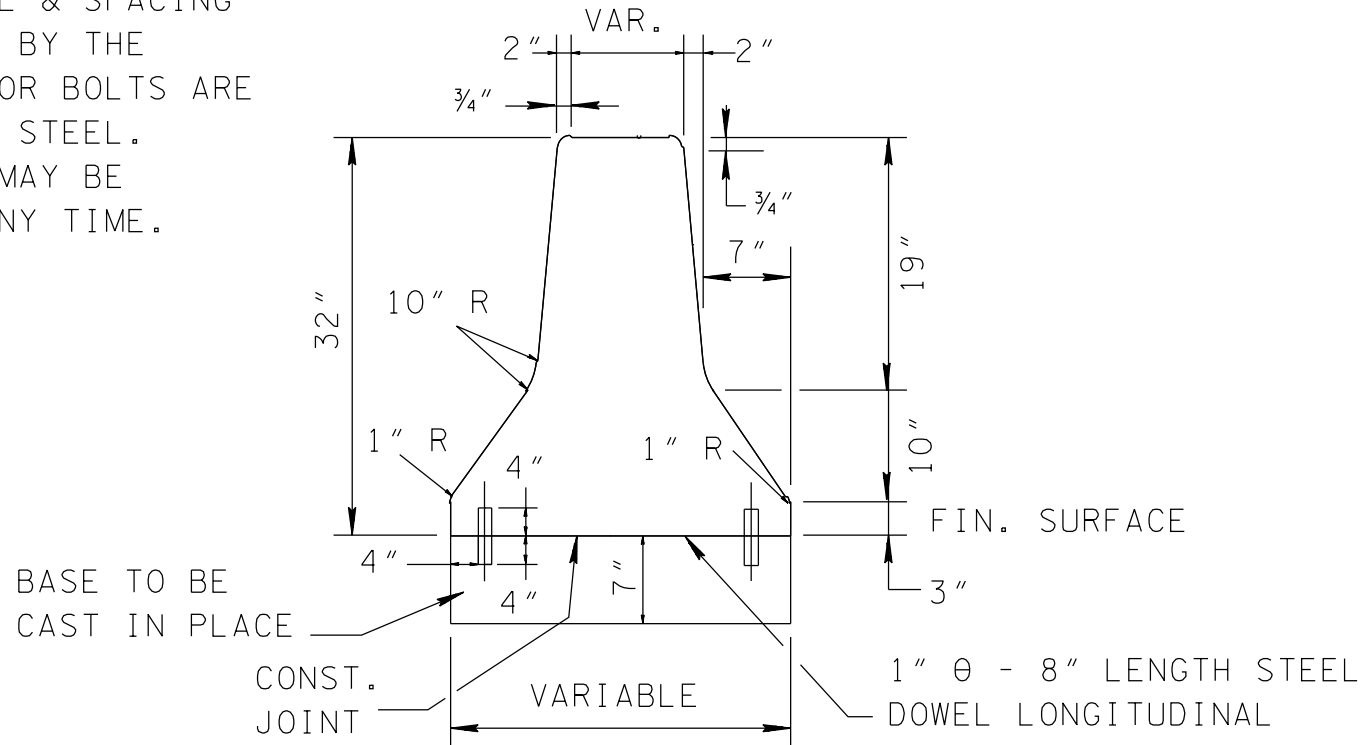


FOOTING F-1

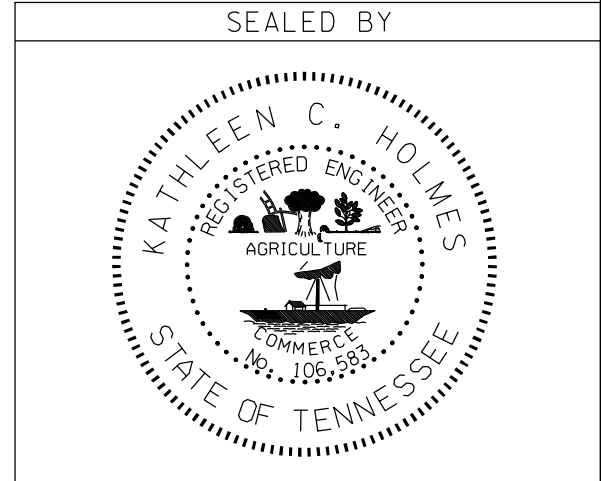


SECTION "A-A"

ANCHOR BOLTS SIZE & SPACING
TO BE DETERMINED BY THE
FABRICATOR. ANCHOR BOLTS ARE
TO BE GALVANIZED STEEL.
STAINLESS STEEL MAY BE
SUBSTITUTED AT ANY TIME.



SECTION "B-B"



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DETAILS
OVERHEAD
SIGN STRUCTURE
MOUNTED ON CONCRETE
MEDIAN BARRIER
32" WALL
N.T.S.