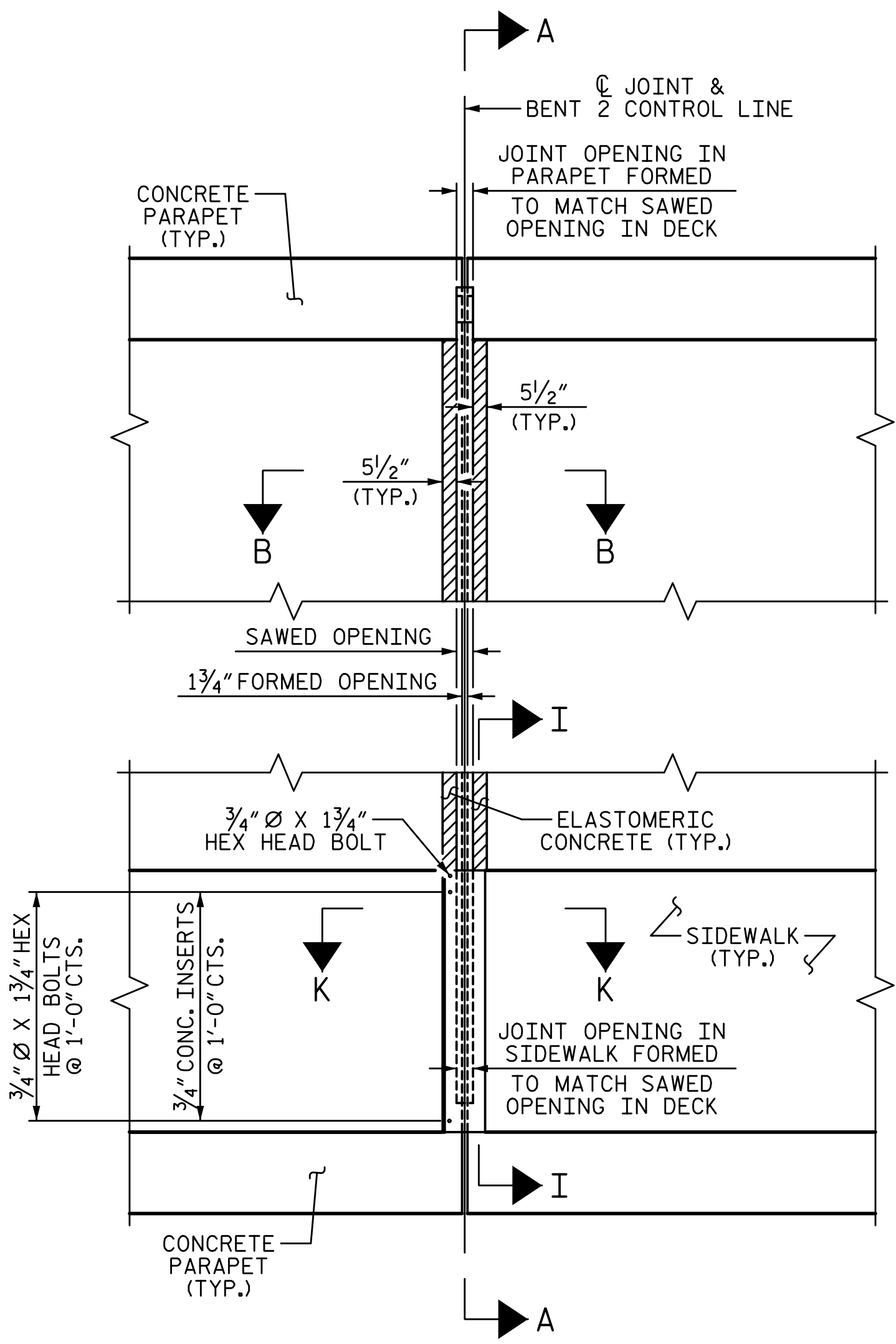
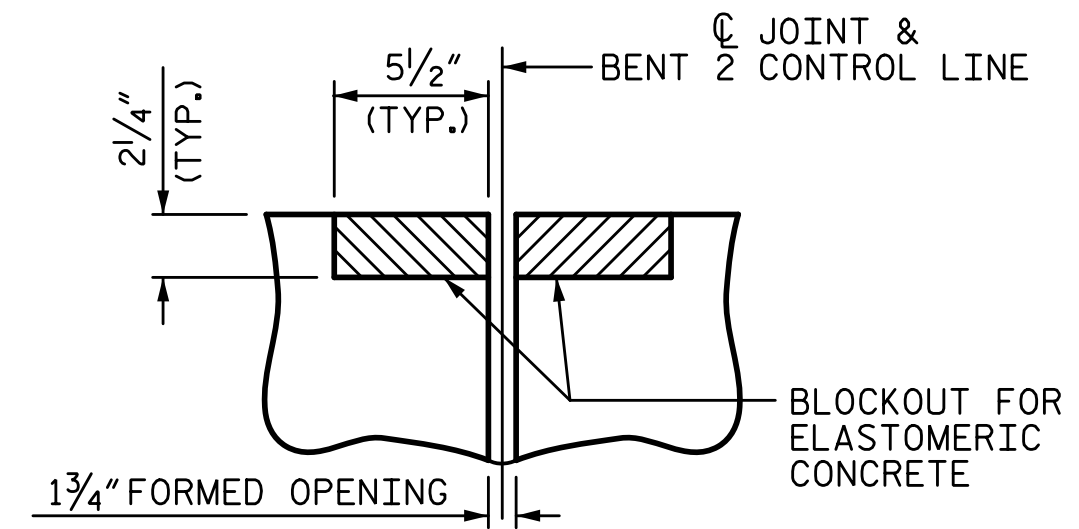


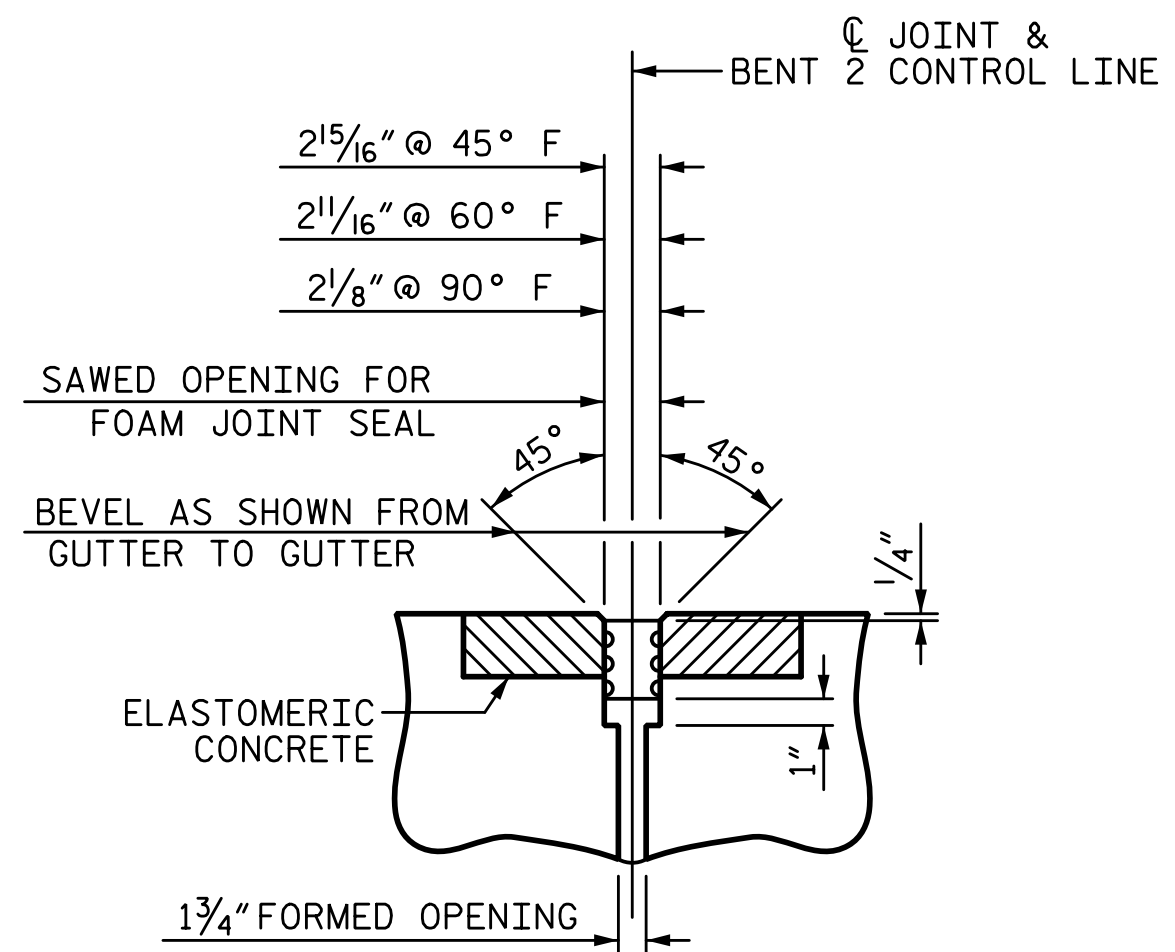
8/25/2022 2:05:05 PM P:\Rail\Projects\2015\Y-4810K (NCDOT RailDiv)\Structures\Drawings\Final\Y4810K_SMU_F.JS.dgn



PLAN OF FOAM JOINT SEAL WITH COVER PLATE



SECTION B-B
FOAM JOINT SEAL
(PRE-SAWED ELASTOMERIC CONCRETE DIMENSIONS)

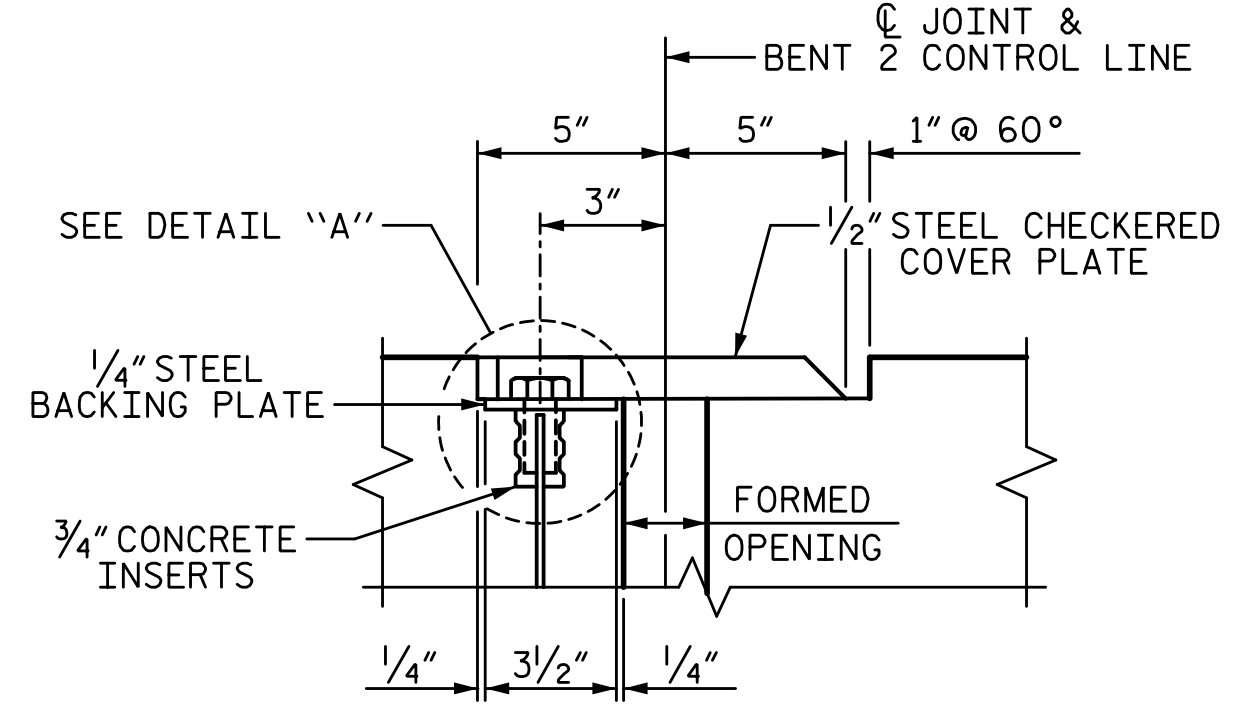


SECTION B-B
FOAM JOINT SEAL
(FOR FOAM JOINT SEAL, SEE SPECIAL PROVISIONS)

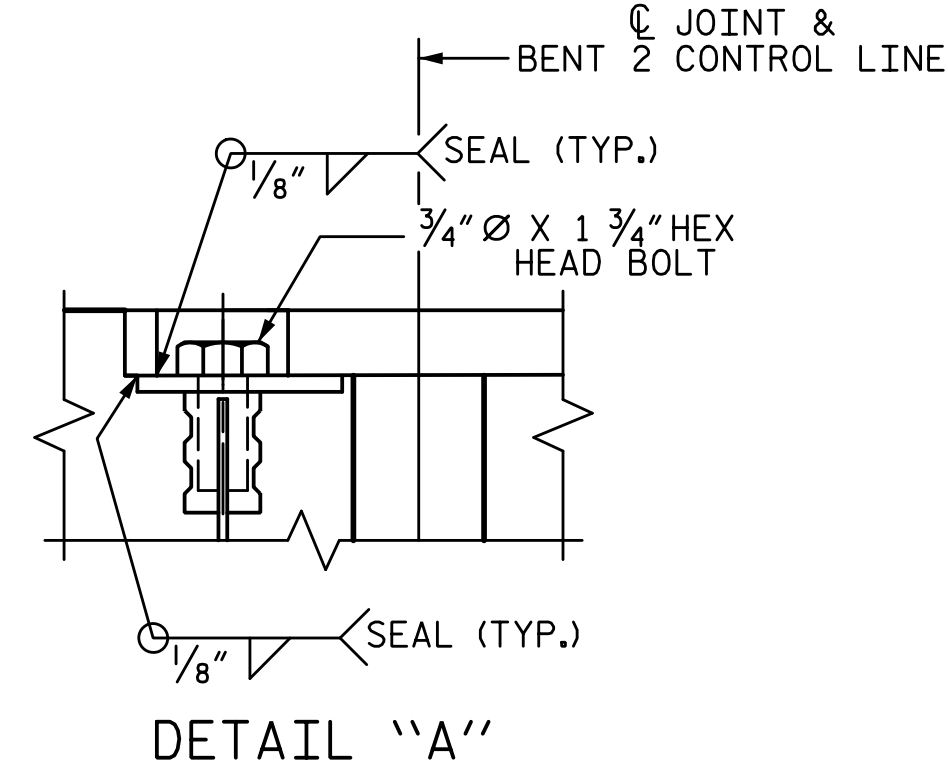
ELASTOMERIC CONCRETE

	ELASTOMERIC CONCRETE *
	CF
BENT 2	6.2

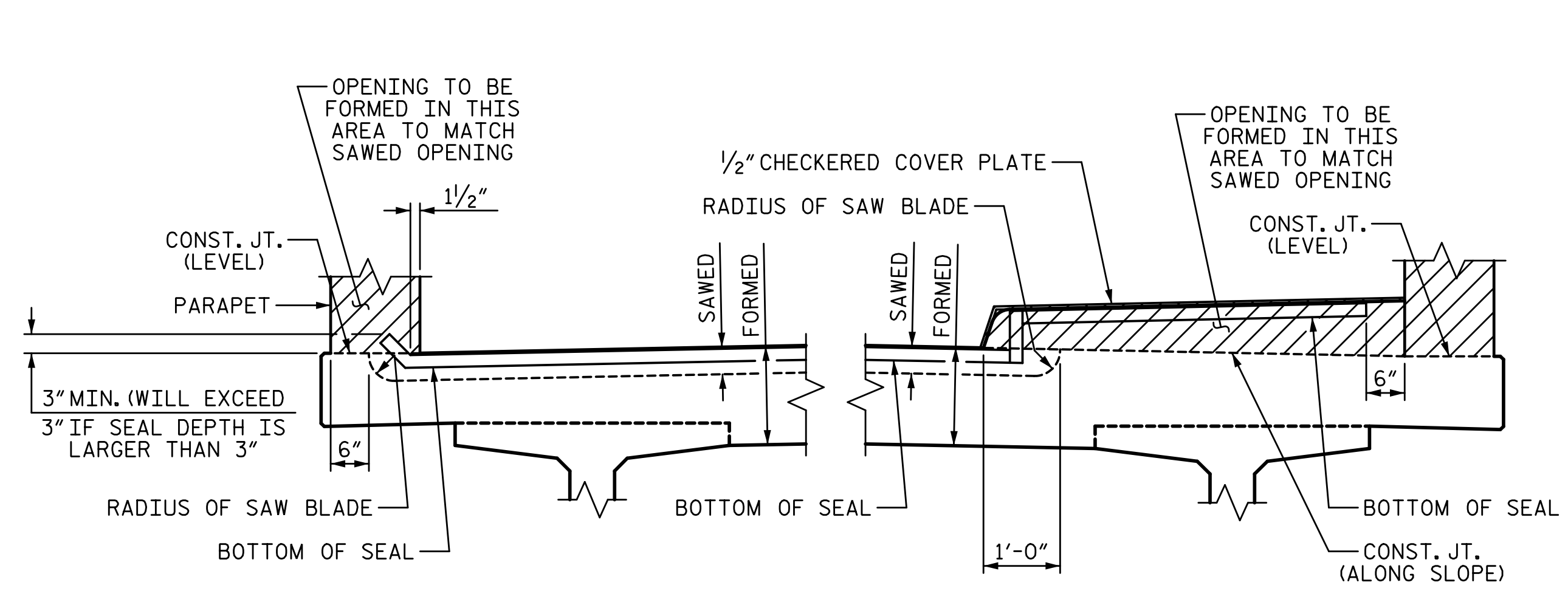
*BASED ON THE MINIMUM BLOCKOUT SHOWN



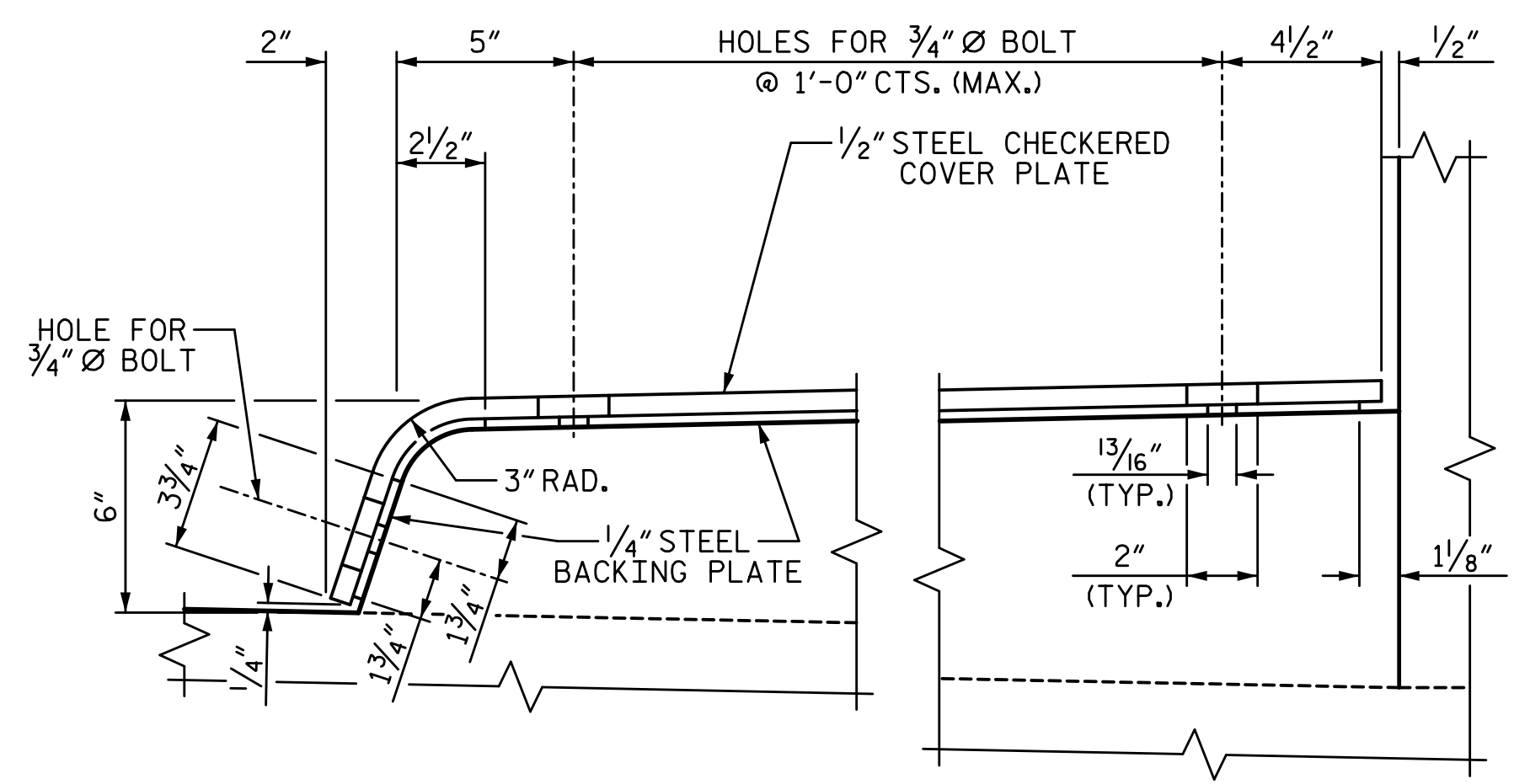
SECTION K-K



DETAIL "A"



SECTION A-A



SECTION I-I

FOAM JOINT SEAL DETAILS

NOTES:

THE STEEL PLATES SHALL CONFORM TO AASHTO M270 GRADE 36 OR APPROVED EQUAL. AFTER FABRICATION, THE PLATES SHALL BE COMMERCIALY BLAST CLEANED AND EITHER COATED WITH A MINIMUM THICKNESS OF 4 MILS (DRY) OF ZINC-RICH PAINT, GALVANIZED OR METALLIZED TO A MINIMUM THICKNESS OF 6 MILS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. FOR THERMAL SPRAYED COATINGS (METALLIZATION), SEE SPECIAL PROVISIONS.

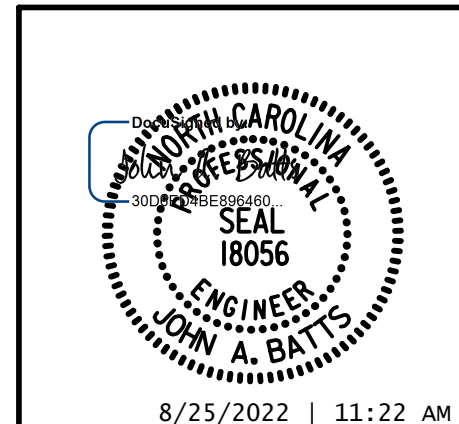
THE 3/4" Ø HEX HEAD BOLTS SHALL CONFORM TO ASTM F593 ALLOY 304 STAINLESS STEEL.

THE 3/4" CONCRETE INSERTS SHALL BE CLOSED-END FERRULES WITH LOOPED WIRE STRUTS ATTACHED TO THEM. THE INSERTS SHALL CONFORM TO AASHTO M169, GRADE 12L14, AND SHALL HAVE A TENSILE WORKING LOAD CAPACITY OF 3000 LBS.

NO SEPARATE PAYMENT WILL BE MADE FOR FURNISHING AND INSTALLING THE COVER PLATE. THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR FOAM JOINT SEALS.

PROJECT NO. Y-4810K
CABARRUS COUNTY
 STATION: 31+94.08 -L-

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
FOAM JOINT SEAL



DRAWN BY: T. BANKOVICH DATE: 2-19
 CHECKED BY: J. A. BATTS DATE: 2-19
 DESIGN ENGINEER OF RECORD: J. A. BATTS DATE: 2-19

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-34
1			3			TOTAL SHEETS
2			4			53

LICENSURE NO. C-4434
**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**