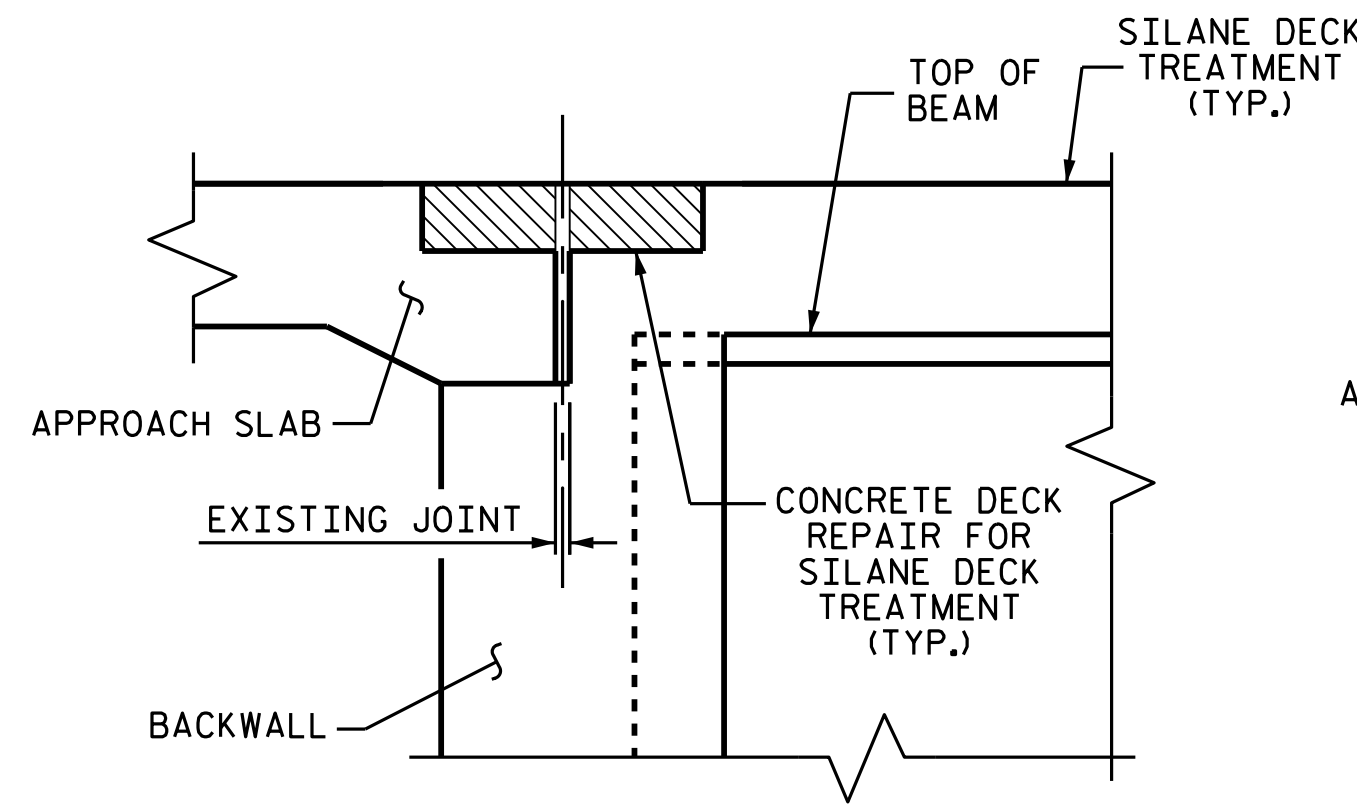
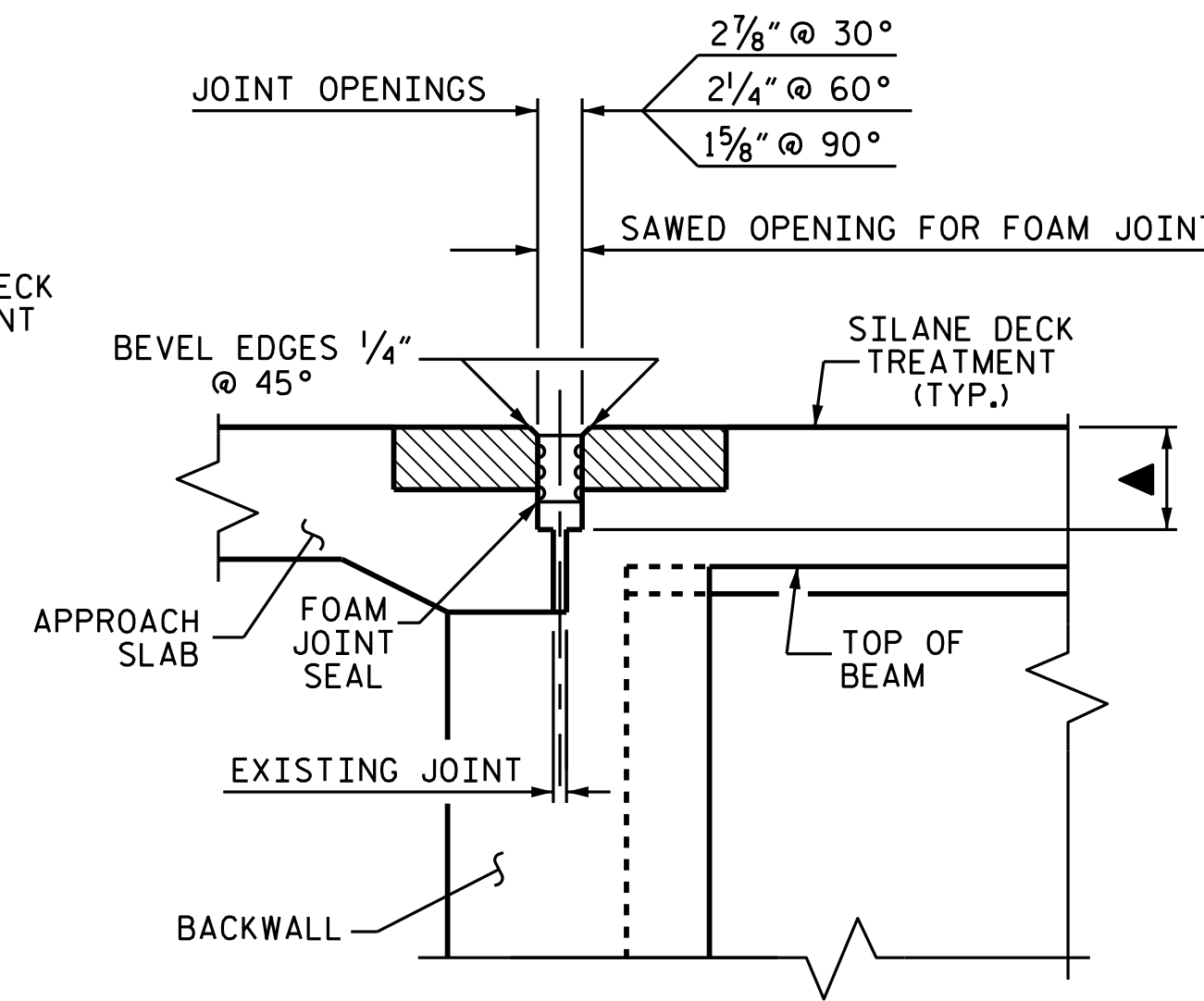


MINIMUM EXISTING JOINT DEMOLITION



PROPOSED PRE-SAWED JOINT

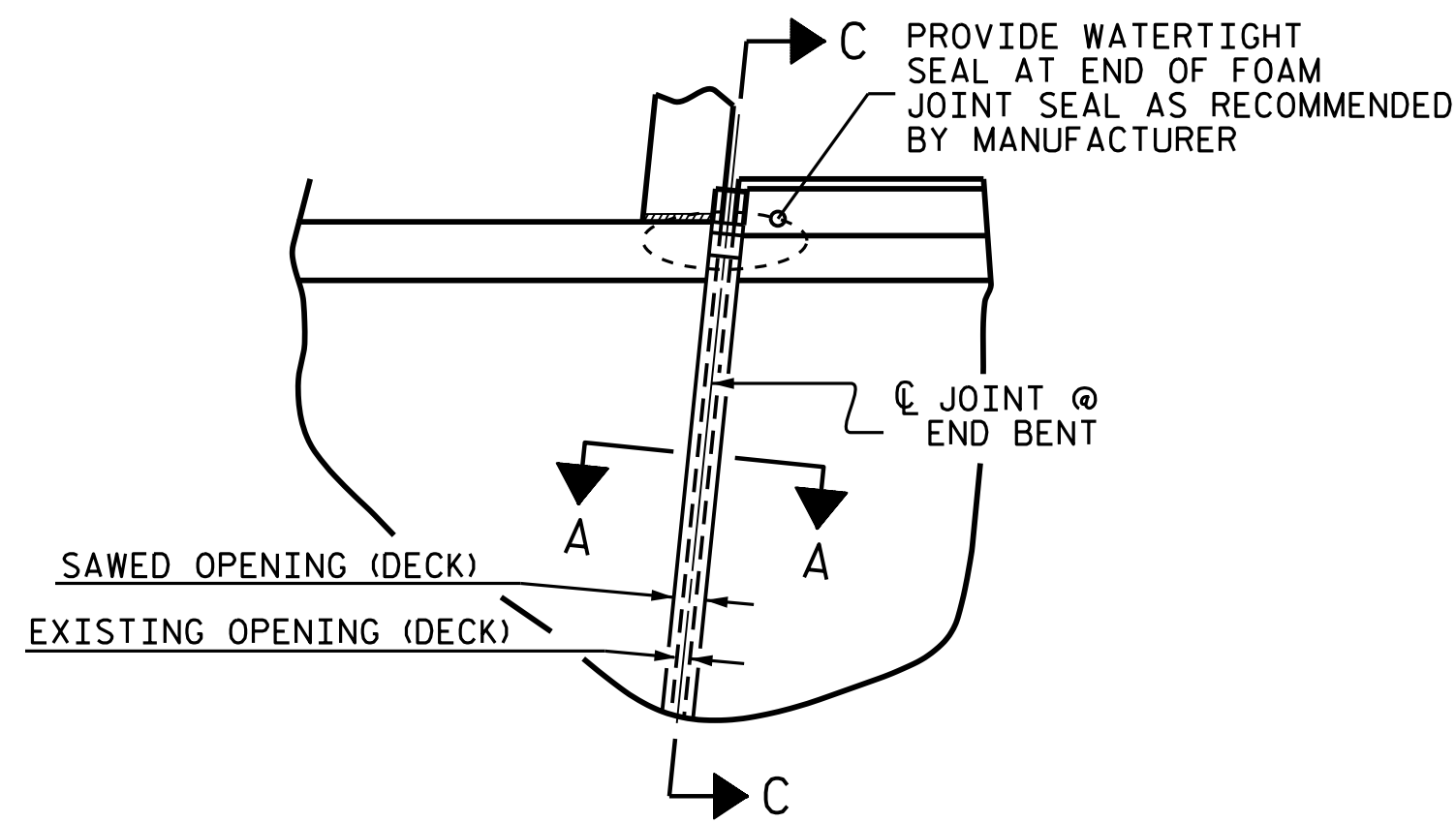


PROPOSED FOAM JOINT SEAL

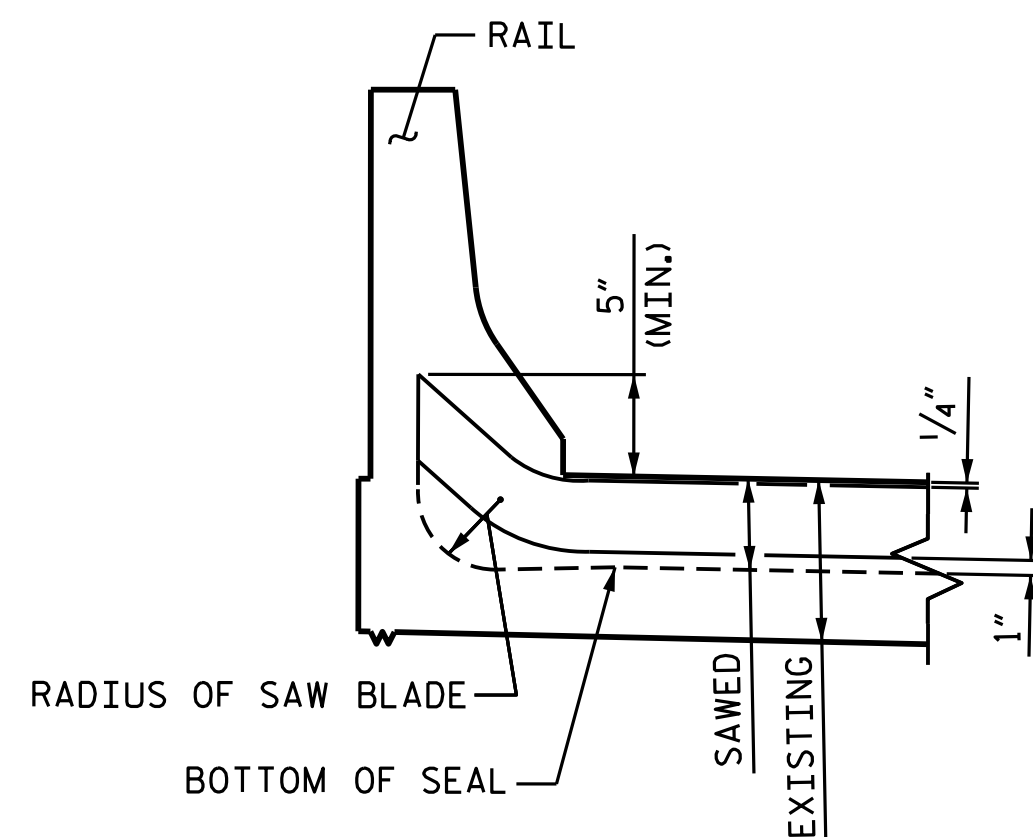
▲ SAW CUT SHALL BE 3/4\"/>

JOINT INSTALLATION SEQUENCE AT END BENTS

SECTION A-A



PLAN (@ END BENT)



SECTION C-C

JOINT SEAL DETAILS AT END BENTS

NOTES

FOAM JOINTS SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS.

FOR FOAM JOINT SEALS FOR PRESERVATION, SEE SPECIAL PROVISIONS.

FOR ELASTOMERIC CONCRETE FOR PRESERVATION, SEE SPECIAL PROVISIONS.

THE INSTALLED FOAM JOINTS SHALL BE WATER TIGHT.

THE FOAM JOINTS SHALL MEET THE MANUFACTURER'S RECOMMENDATION FOR THE SIZE OF OPENING ON THE PLANS, AND ACCOMMODATE THE MINIMUM EXPANSION SHOWN ON THE PLANS.

THE CONTRACTOR WILL NOT BE PERMITTED TO FORM THE JOINTS IN LIEU OF SAWING THE JOINT.

THE MANUFACTURER IS TO PROVIDE THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE FOAM JOINT SEAL BASED ON JOINT OPENINGS AT THE END BENTS 1 AND 2.

CONTRACTOR SHALL FIELD VERIFY THE EXISTING JOINT OPENING PRIOR TO ORDERING JOINT SEAL MATERIAL. IF ACTUAL JOINT OPENING VARIES FROM OPENING INDICATED IN DETAIL BY MORE THAN 1/4\", NOTIFY ENGINEER REVISION TO THE JOINT SEAL SIZE MIGHT BE NECESSARY.

FINAL SURFACE OF THE JOINT DEMOLITION AREA PRIOR TO PLACEMENT OF CONCRETE REPAIR MATERIAL SHOULD BE REASONABLY FLAT AND LEVEL. ENGINEER SHALL DETERMINE THE ACCEPTABILITY OF THE SURFACE PRIOR TO PLACEMENT OF ELASTOMERIC CONCRETE OR REPAIR CONCRETE.

ELASTOMERIC CONCRETE		
END BENT 1	14.0	(CU. FT.)
END BENT 2	14.0	(CU. FT.)
* TOTAL	28.0	(CU. FT.)

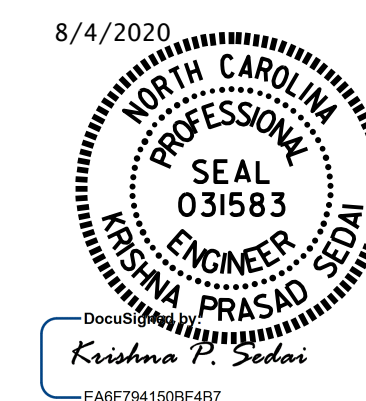
\* BASED ON 6\"/>

JOINT REPAIR QUANTITY TABLE		
FOAM JOINT SEALS FOR PRESERVATION	ESTIMATED	ACTUAL
END BENT 1	56.0 LF	
END BENT 2	56.0 LF	
TOTAL	112.0 LF	

CLASS II SURFACE PREPARATION		
	ESTIMATED	ACTUAL
END BENT 1	6.2 SY	
END BENT 2	6.2 SY	
TOTAL	12.4 SY	

CONCRETE DECK REPAIR FOR SILANE DECK TREATMENT		
	ESTIMATED	ACTUAL
END BENT 1	56.0 SF	
END BENT 2	56.0 SF	
TOTAL	112.0 SF	

PROJECT NO. I-5795  
FORSYTH COUNTY  
 BRIDGE NO. 330508



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

JOINT DETAILS

DRAWN BY : A. SORSENGINH DATE : 5/2020  
 CHECKED BY : M. G. SHAIKH DATE : 5/2020

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S20-04
1			3			TOTAL SHEETS
2			4			4