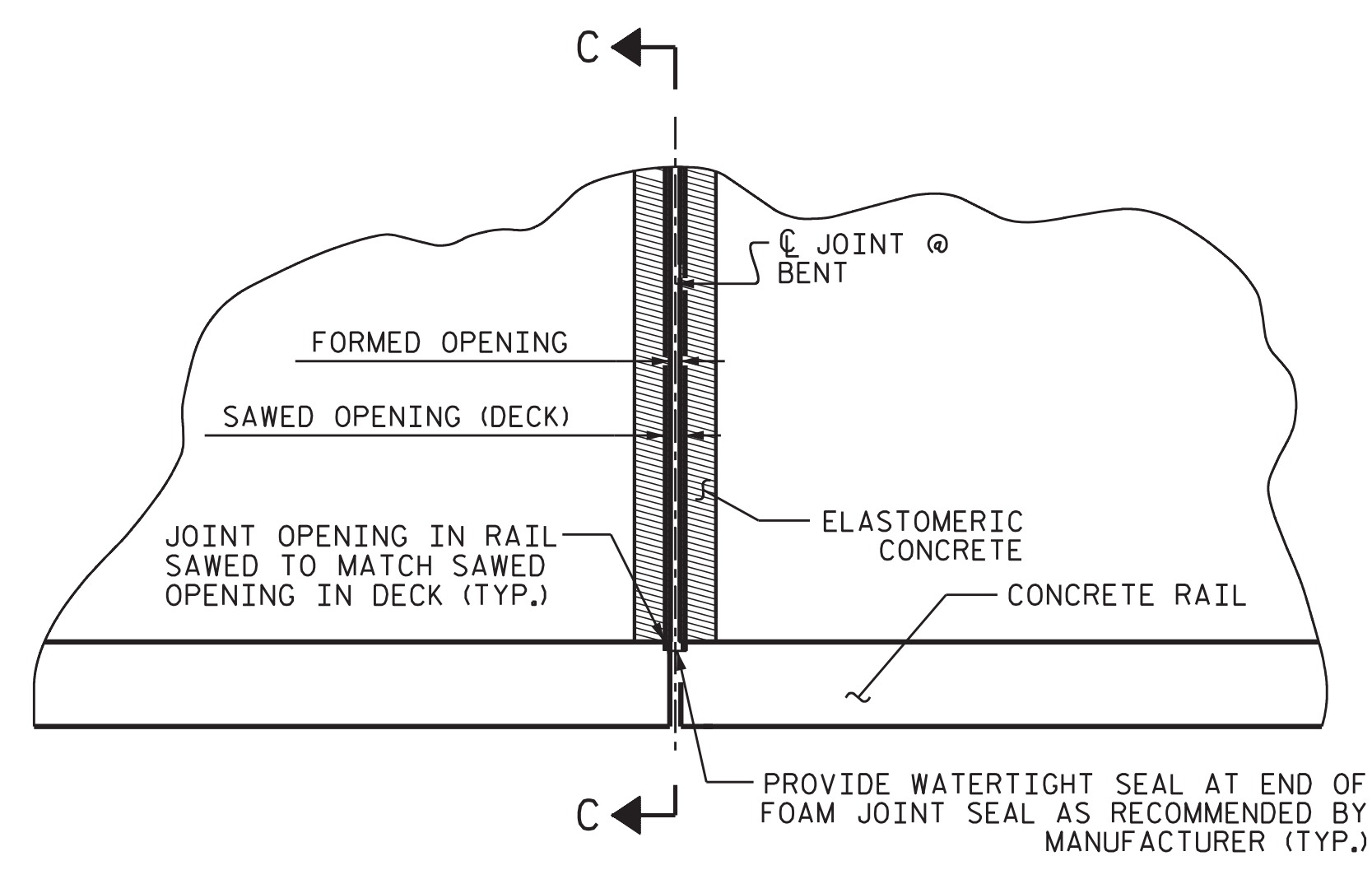
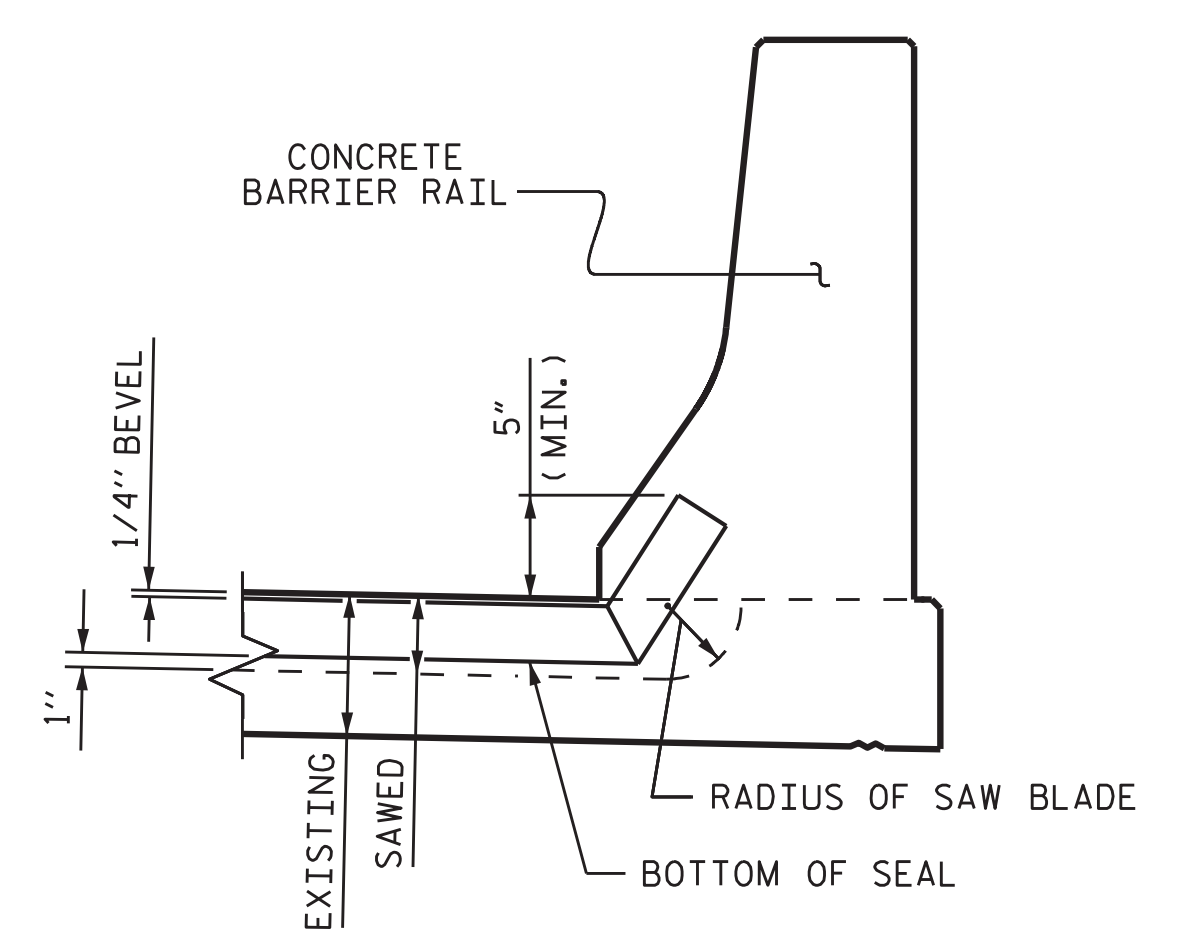


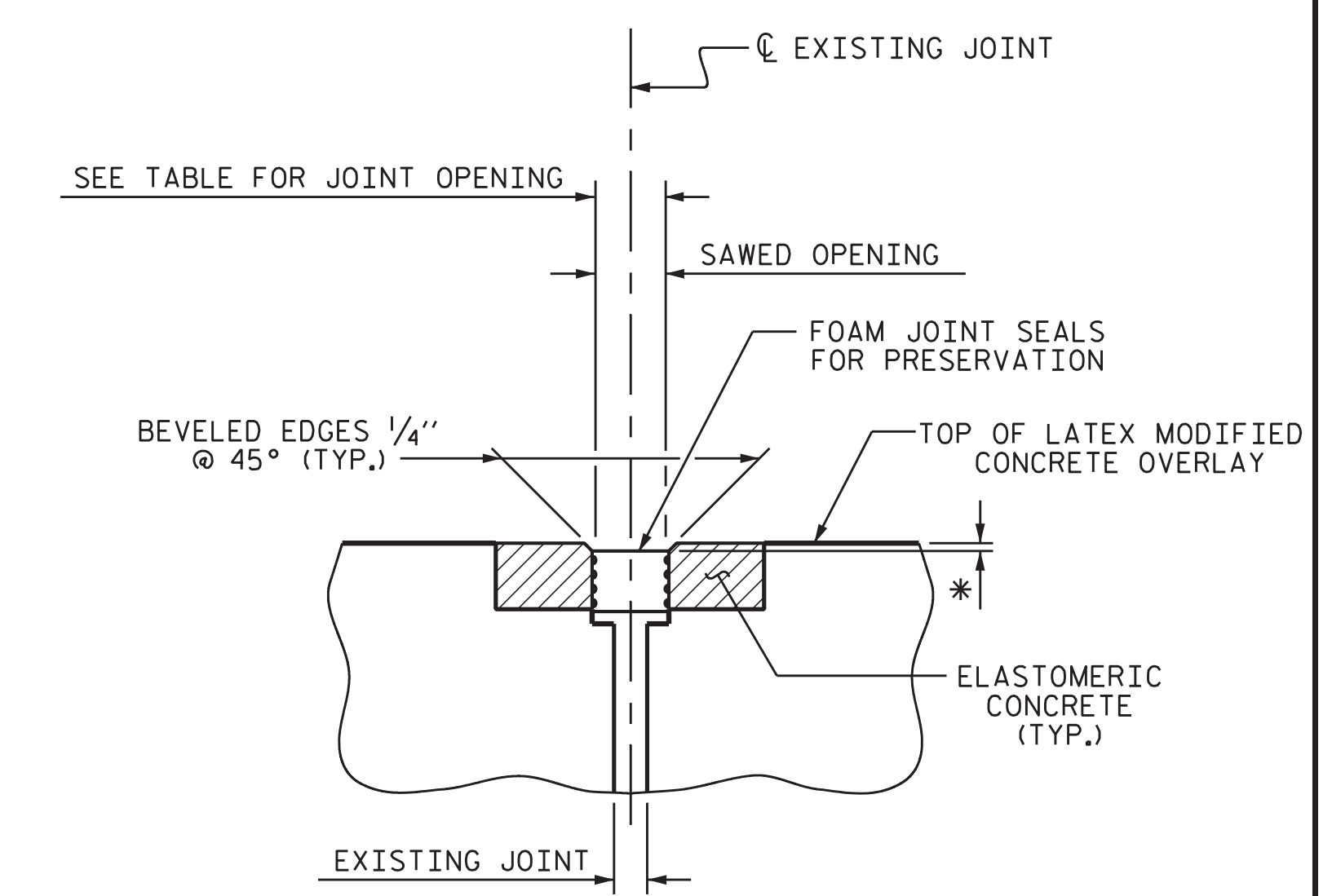
JOINT INSTALLATION SEQUENCE AT BENTS (SECTION B-B)



PLAN



SECTION C-C



DETAIL B
(PROPOSED)

* FOAM JOINT SEALS FOR PRESERVATION SHALL BE RECESSED AS PER MANUFACTURER'S RECOMMENDATIONS.

JOINT SEAL DETAILS AT BENTS

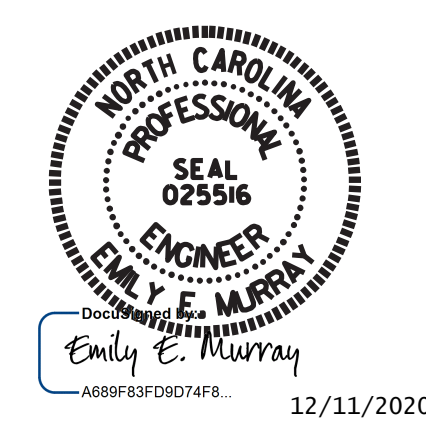
MOVEMENT AND SETTING AT FOAM JOINT					
LOCATION	SKEW ANGLE	NOMINAL UNCOMPRESSED SEAL WIDTH	PERPENDICULAR JOINT OPENING AT 45°	PERPENDICULAR JOINT OPENING AT 60°	PERPENDICULAR JOINT OPENING AT 90°
BENT 1	91°39'37"	**	1 1/16"	1 3/16"	1 7/16"
BENT 2	91°11'30"	**	1 1/16"	1 3/16"	1 7/16"
BENT 3	90°43'22"	**	1 1/16"	1 3/16"	1 7/16"

TOTAL MOVEMENT IS CALCULATED ALONG THE CENTERLINE OF ROADWAY. JOINT OPENINGS ARE MEASURED PERPENDICULAR TO JOINT.
 ** THE MANUFACTURER IS TO PROVIDE THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE FOAM JOINT SEAL BASED ON JOINT OPENINGS.

FOAM JOINT SEALS FOR PRESERVATION		
BENT 1	31.9	LF
BENT 2	31.8	LF
BENT 3	31.8	LF
TOTAL	95.5	LF

PROJECT NO. 15BPR.45
DUPLIN COUNTY
 BRIDGE NO. 300433

SHEET 2 OF 2



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

JOINT REPAIR DETAILS

DRAWN BY : R. G. BEAUCHAMP DATE : 2/19
 CHECKED BY : J. R. MCROY DATE : 4/19

VOLKERT
 5540 Centerview Drive, Suite 305
 Raleigh, NC 27606
 Tel. 919-854-0344 Fax. 919-854-0355
 NC License No. F-0765

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			31
2			4			