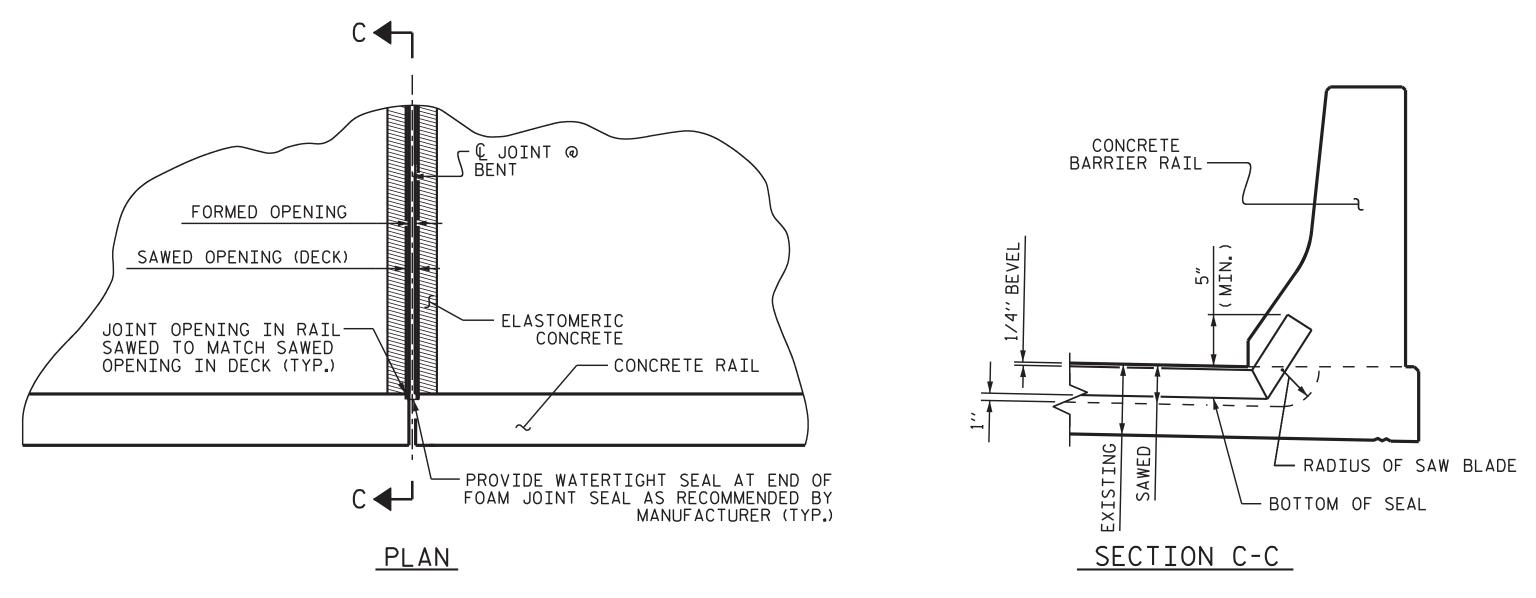


PROPOSED JOINT PREPARATION (MINIMUM EXISTING JOINT DEMOLITION)

PROPOSED JOINT PRE-SAWED

JOINT INSTALLATION SEQUENCE AT BENTS (SECTION B-B)



JOINT	SEAL	DETAILS	ΑT	BENTS

MOVEMENT AND SETTING AT FOAM JOINT

Ε	ENT AND SETTING AT FOAM JOINT					FOAM JOINT SEALS FOR PRESERVATION			
	NOMINAL	PERPENDICULAR	PERPENDICULAR	PERPENDICULAR	l L	1 011 11	(L3LIVA I 10IV		
	UNCOMPRESSED	JOINT OPENING	JOINT OPENING	JOINT OPENING		BENT 1	31 . 9 LF		
	SEAL WIDTH	AT 45°	AT 60°	AT 90°		BENT 2	31 . 8 LF		
	**	1 ¹¹ / ₁₆ "	19/ ₁₆ "	1½6"	l ⊦				
						BENT 3	31 . 8 LF		
	**	1"/16"	1% ₆ "	1 ½6″		TOTAL	95.5 LF		
,	**	1 ¹¹ / ₁₆ "	1%"	1½6″	-				
					•				

— FOAM JOINT SEALS FOR PRESERVATION BEVELED EDGES 1/4" TOP OF LATEX MODIFIED @ 45° (TYP.) -CONCRETE OVERLAY ELASTOMERIC CONCRETE (TYP.) EXISTING JOINT DETAIL B

12/11/2020

SEE TABLE FOR JOINT OPENING

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

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

SAWED OPENING

SHEET 2 OF 2

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

> JOINT REPAIR DETAILS

5540 Centerview Drive, Suite 305 Raleigh, NC 27606 Tel. 919-854-0344 Fax. 919-854-0355

NC License No. F-0765

SEAL 025516 FIGNEE —A689F83FD9D74F8...

			REVI	SIO	NS		SHEET NO.
CUMENT NOT CONSIDERED	NO.	BY:	DATE:	NO.	BY:	DATE:	S1-9
FINAL UNLESS ALL	1			3			TOTAL SHEETS
SIGNATURES COMPLETED	2			4			31

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.

LOCATION

BENT 1

BENT 2

BENT 3

ANGLE

91°39′37′′

91°11′30′′

90°43′22′′

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