

NOTES:

FINAL JOINT SEALS SHALL NOT BE INSTALLED UNTIL THE PC OVERLAY IS COMPLETE.

THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING JOINT OPENING PRIOR TO ORDERING JOINT SEAL MATERIAL. IF THE ACTUAL JOINT OPENING VARIES FROM THE OPENING INDICATED IN THE DETAILS BY MORE THAN 1/4", NOTIFY THE ENGINEER.

THE MANUFACTURER IS TO PROVIDE THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE FOAM JOINT SEAL FOR THE SIZE OF THE OPENING ON THE PLANS AND ACCOMMODATE THE MINIMUM EXPANSION SHOWN ON THE PLANS.

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

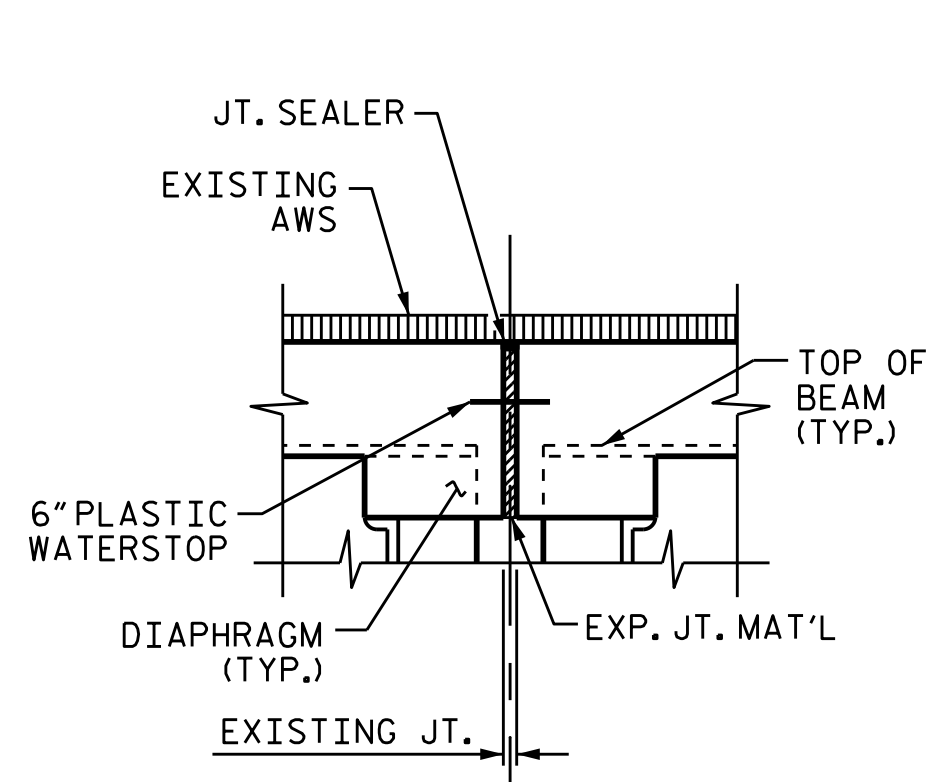
THE CONTRACTOR SHALL TAKE CARE DURING JOINT REHAB OPERATIONS NOT TO DROP ANY MATERIAL BELOW THE BRIDGE, WITHOUT PROTECTIVE DEVICES BELOW TO CATCH THE MATERIAL. ANY MATERIAL THAT FALLS BELOW THE BRIDGE SHALL BE CONTAINED, REMOVED AND DISPOSED OF BY THE CONTRACTOR AT NO EXTRA COST TO THE DEPARTMENT. IF THE ENGINEER DETERMINES THAT THE PROTECTIVE DEVICES ARE NOT ADEQUATE OR NOT BEING EMPLOYED, THE WORK SHALL BE SUSPENDED UNTIL ADEQUATE PROTECTION IS PROVIDED.

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

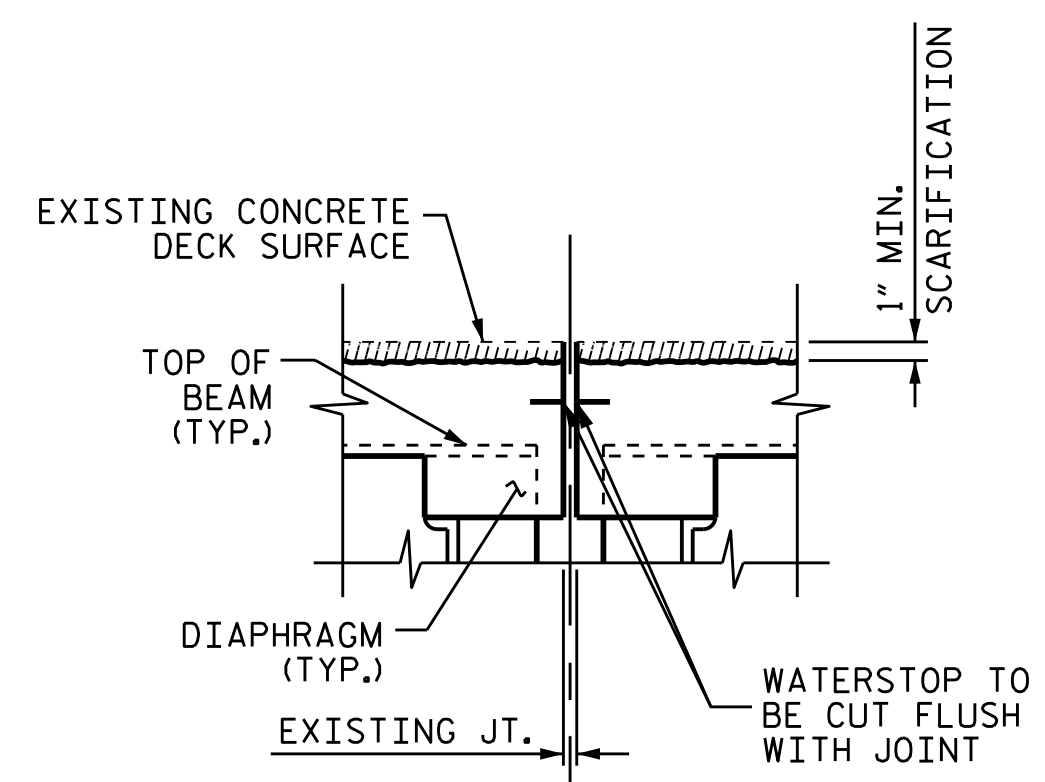
THE INSTALLED FOAM JOINTS SHALL BE WATER TIGHT.

NOMINAL UNCOMPRESSED SEAL WIDTH OF FOAM JOINT SEAL SHALL BE 2".

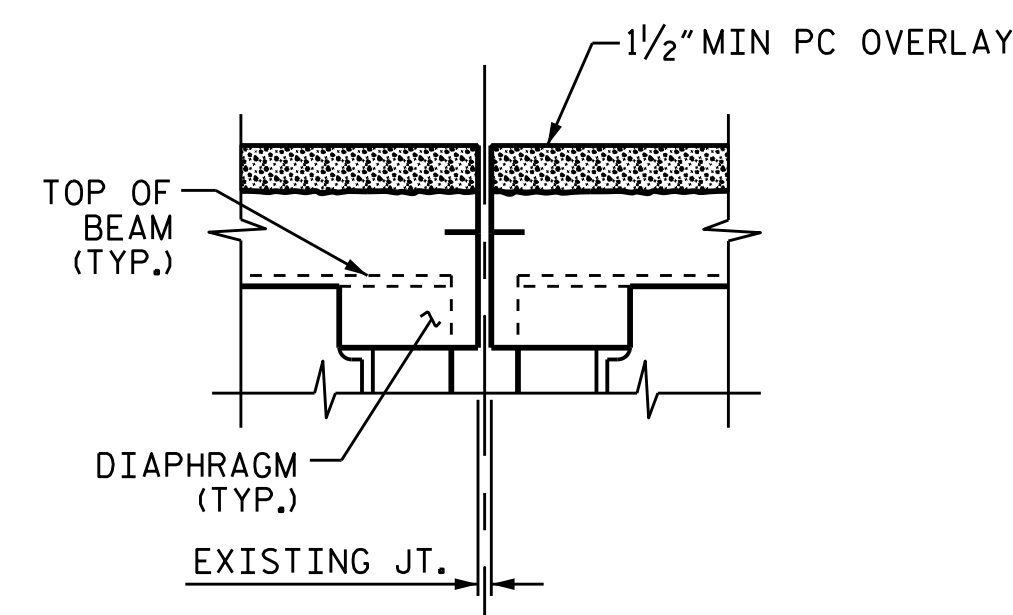
FOR FOAM JOINT SEALS FOR PRESERVATION, SEE SPECIAL PROVISIONS.



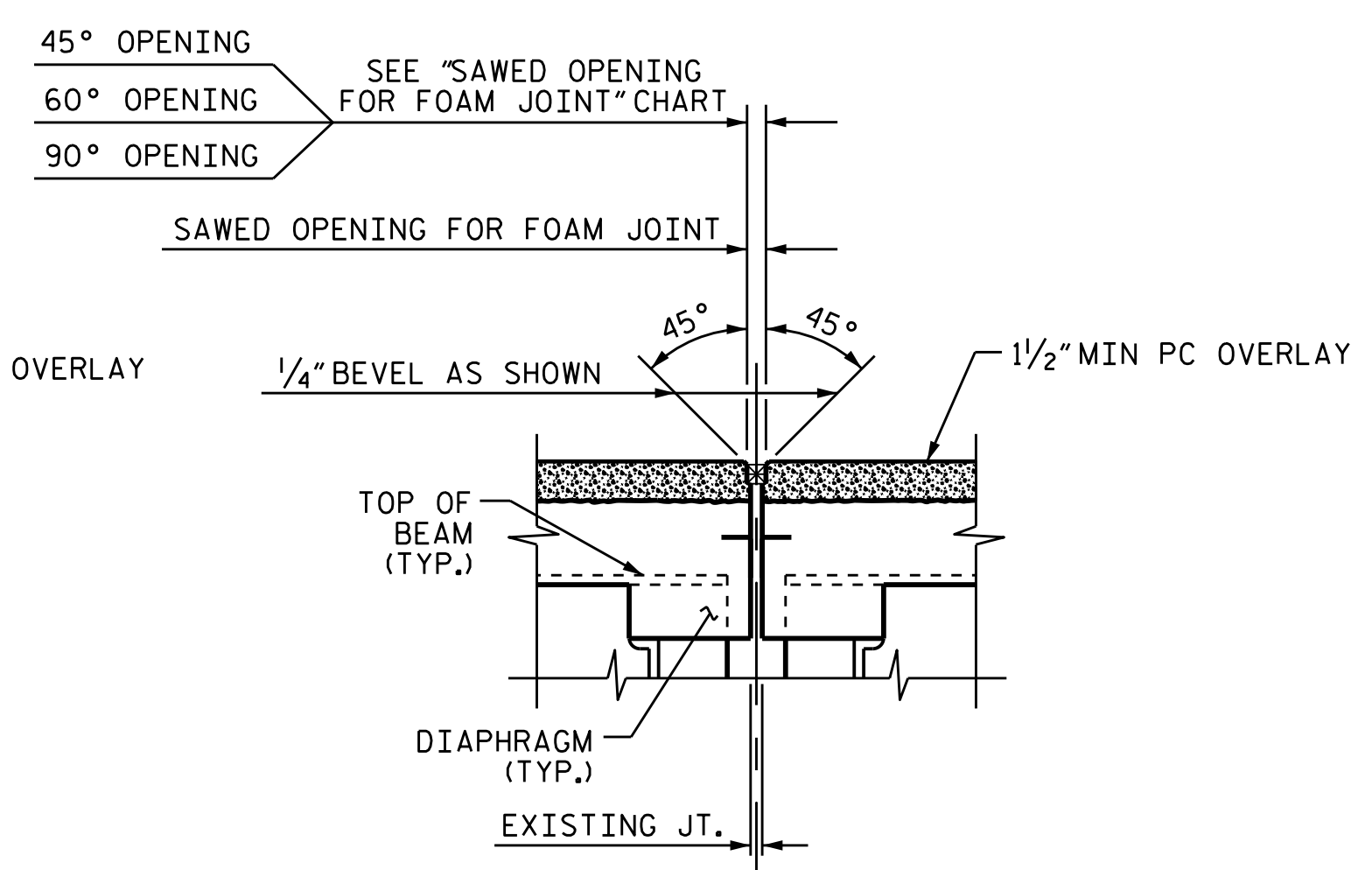
EXISTING JOINT



EXISTING JOINT AFTER DECK SCARIFICATION

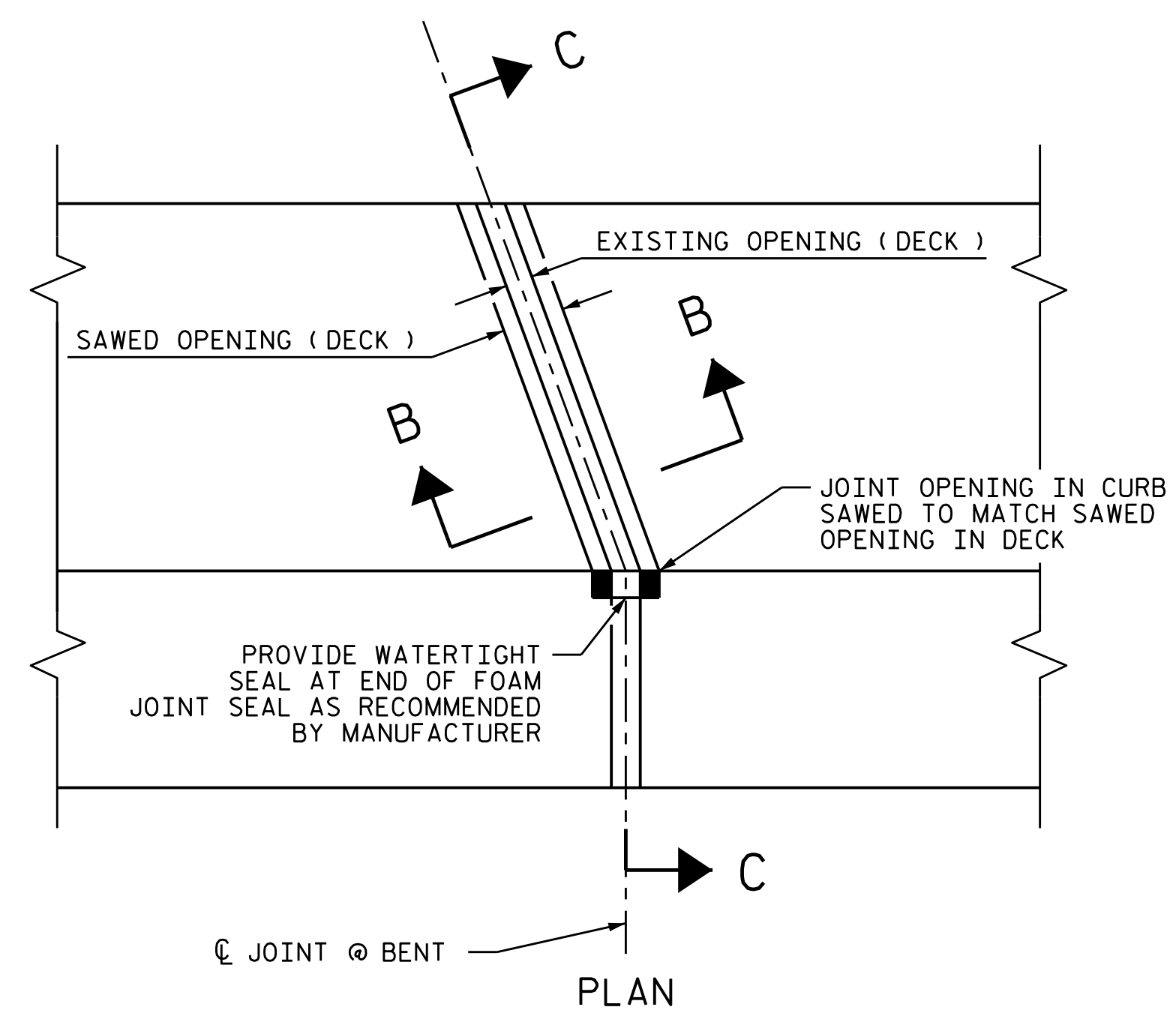


PROPOSED JOINT PRE-SAWED

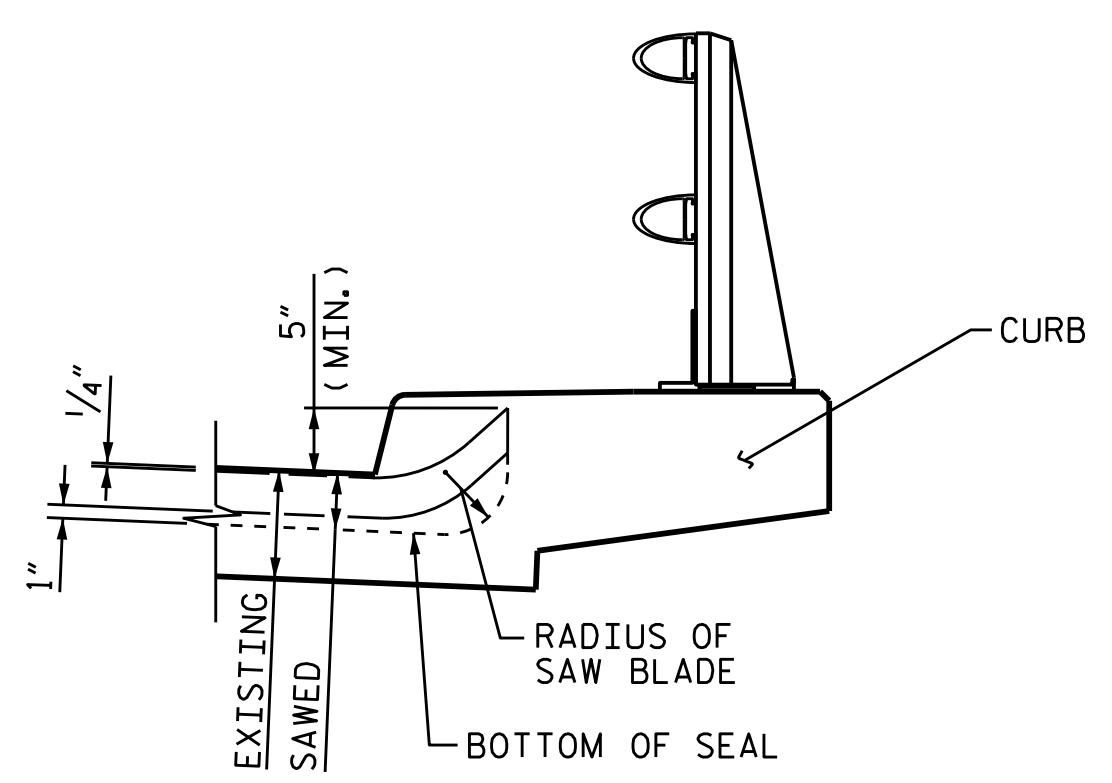


PROPOSED FOAM JOINT SEAL

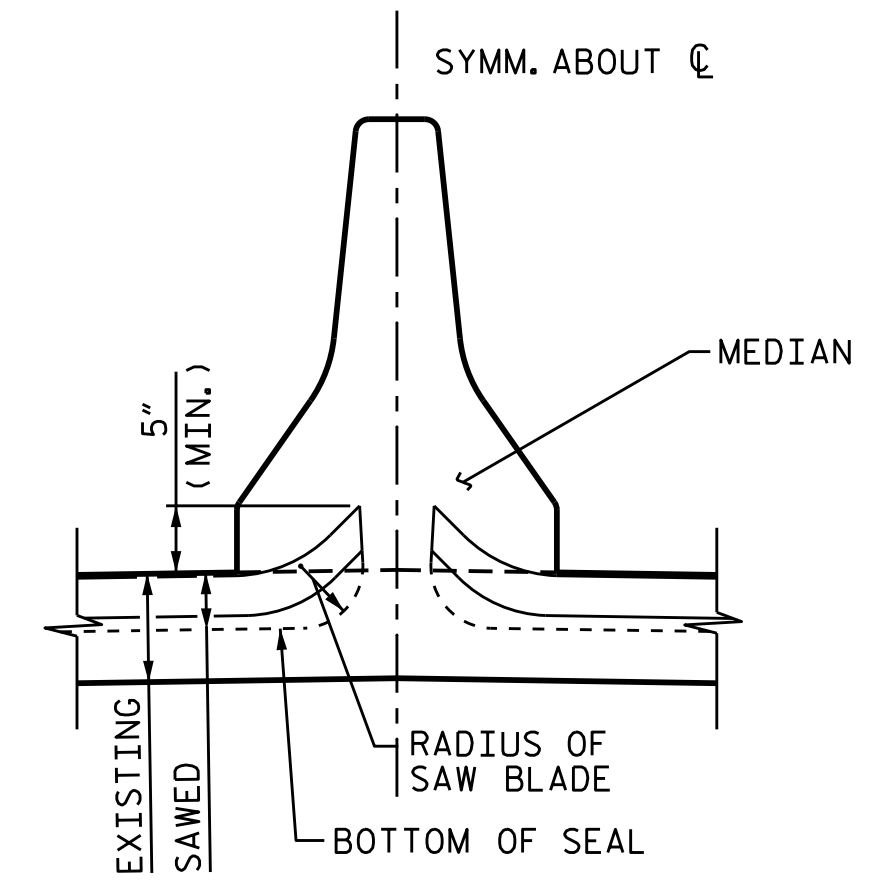
SECTION B-B



PLAN



SECTION C-C
FOAM JOINT SEAL SHALL BE FACTORY FORMED OR CUT, HEAT WELDED AND TURNED UP PARALLEL TO FACE OF CURB.

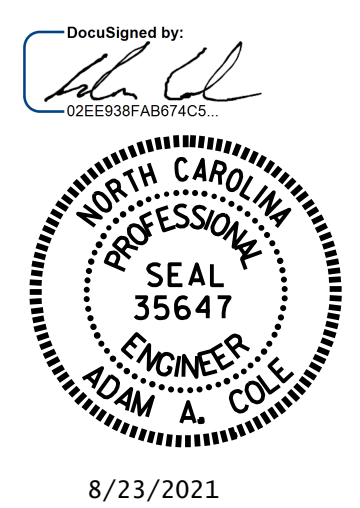


MEDIAN DETAIL
FOAM JOINT SEAL SHALL BE FACTORY FORMED OR CUT, HEAT WELDED AND TURNED UP PARALLEL TO FACE OF MEDIAN.

JOINT REPAIR QUANTITIY TABLE		
	ESTIMATE	ACTUAL
FOAM JOINT SEALS FOR PRESERVATION		
BENT 1	166.3 LF.	
BENT 2	166.3 LF.	
BENT 3	166.3 LF.	
BENT 4	144.0 LF.	
BENT 5	150.4 LF.	
BENT 6	160.3 LF.	
BENT 7	177.9 LF.	
BENT 8	137.6 LF.	
BENT 9	137.6 LF.	
BENT 10	137.6 LF.	
BENT 11	131.4 LF.	
BENT 12	160.8 LF.	
TOTAL	1836.5 LF.	

SAWED OPENING FOR FOAM JOINT			
	45°	60°	90°
BENT 1	1 5/8"	1 3/8"	1 1/2"
BENT 2	1 5/8"	1 3/8"	1 7/16"
BENT 3	1 5/8"	1 3/8"	1 7/16"
BENT 4	1 5/8"	1 3/8"	1 7/16"
BENT 5	1 5/8"	1 3/8"	1 7/16"
BENT 6	1 5/8"	1 3/8"	1 7/16"
BENT 7	1 5/8"	1 3/8"	1 7/16"
BENT 8	1 5/8"	1 3/8"	1 7/16"
BENT 9	1 5/8"	1 3/8"	1 7/16"
BENT 10	1 5/8"	1 3/8"	1 3/8"
BENT 11	1 5/8"	1 3/8"	1 7/16"
BENT 12	1 5/8"	1 3/8"	1 7/16"

PROJECT NO. I-5746C
MECKLENBURG COUNTY
 BRIDGE NO. 590332



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

FOAM JOINT DETAILS

DRAWN BY : R.L.PUTEK/E. BAYISSA DATE : 07/2021
 CHECKED BY : H. A. LOCKLEAR DATE : 07/2021

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S10-16
2			4			TOTAL SHEETS 274

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED