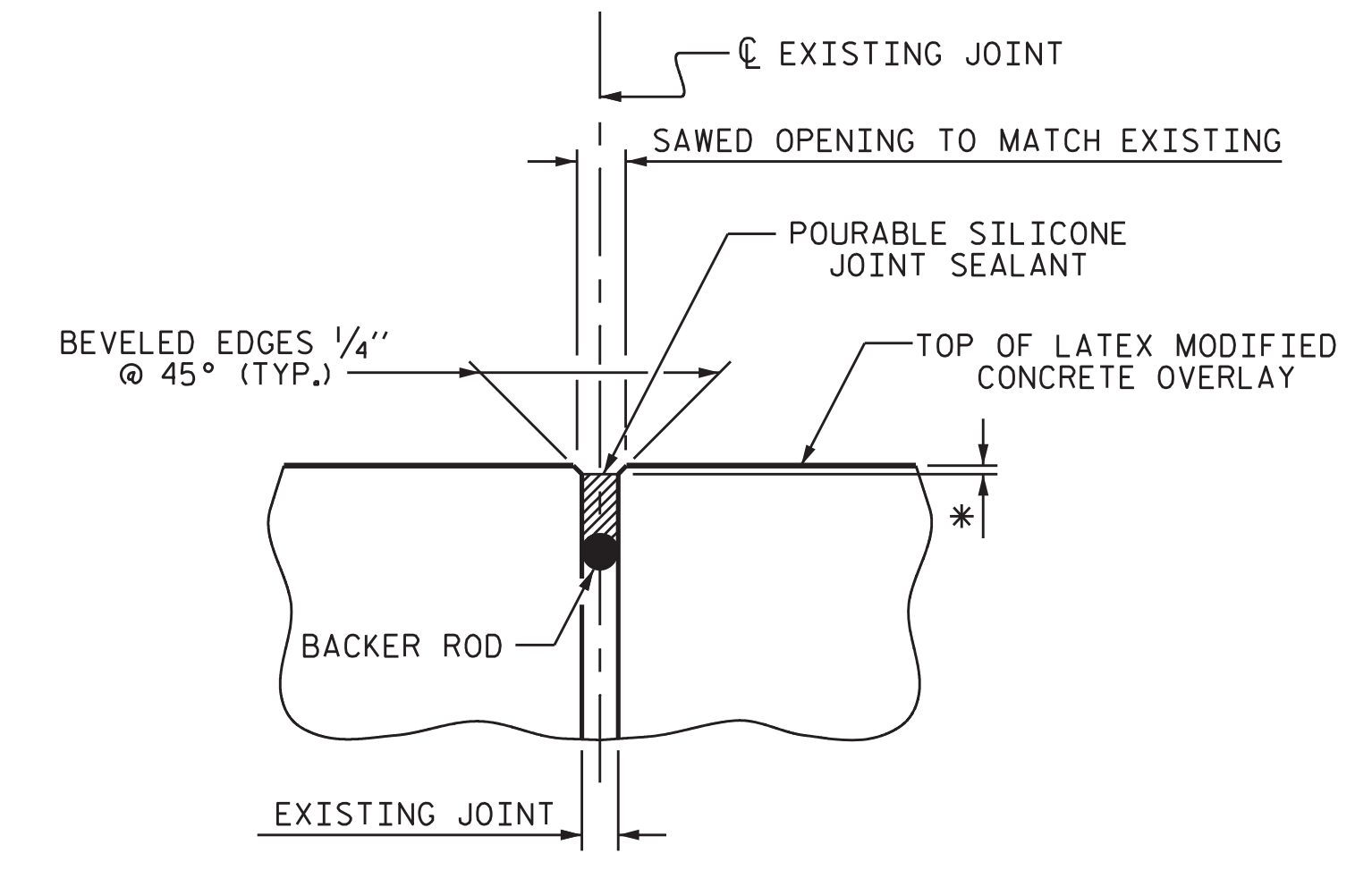


JOINT INSTALLATION SEQUENCE AT END BENTS (SECTION A-A)

NOTES

- THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING JOINT OPENING PRIOR TO ORDERING JOINT SEAL MATERIAL. IF THE ACTUAL JOINT OPENING VARIES FROM THE OPENING ALLOWED BY THE JOINT SEAL MATERIAL, NOTIFY THE ENGINEER. REVISION TO THE JOINT SEAL SIZE AND TYPE MIGHT BE NECESSARY.
- THE CONTRACTOR WILL NOT BE PERMITTED TO FORM THE JOINTS FOR THE JOINT SEALS IN LIEU OF SAWING THE JOINT.
- FOR FOAM JOINT SEALS FOR PRESERVATION, SEE SPECIAL PROVISIONS.
- FOAM JOINT SEALS FOR PRESERVATION SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATION.
- THE INSTALLED FOAM JOINT SEALS FOR PRESERVATION SHALL BE WATER TIGHT.
- FOR ELASTOMERIC CONCRETE FOR PRESERVATION, SEE SPECIAL PROVISIONS.
- FOR POURABLE SILICONE JOINT SEALANT, SEE SPECIAL PROVISIONS.
- POURABLE SILICONE JOINT SEALANT AND BACKER ROD SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATION.
- THE INSTALLED POURABLE SILICONE JOINT SEALANT SHALL BE WATER TIGHT.
- FOR LOCATION OF SECTION A-A AND B-B, SEE PLAN OF SPAN SHEET.
- HYDRO-DEMOLITION OR EXCAVATION OF CONCRETE AT EXISTING JOINTS SHALL RESULT IN THE BOTTOM OF THE EXCAVATION BEING REASONABLY FLAT AND LEVEL TO PROVIDE SUFFICIENT SUBSTRATE FOR PLACEMENT AND SUPPORT OF ELASTOMERIC CONCRETE.
- WIDTH OF THE FOAM JOINT SEAL IS BASED ON JOINT OPENINGS. THE MANUFACTURER IS TO PROVIDE THE NOMINAL UNCOMPRESSED SEAL.
- RETAIN ALL EXISTING REINFORCING STEEL. CLEAN AND REPAIR AS NEEDED.
- DEMOLISH BRIDGE JOINT AREA TO THE NECESSARY DEPTH, SUCH THAT ELASTOMERIC CONCRETE SHALL BE FOUNDED ON CONCRETE OR REPAIR CONCRETE SUBSTRATE, NOT LATEX MODIFIED CONCRETE.
- IF THE EMBEDDED PORTION OF AN EXISTING WATERSTOP IS EXPOSED DURING REMOVAL OF UNSOUND CONCRETE, OR IF UNSOUND CONCRETE IS REMOVED TO WITHIN 2" OF A WATERSTOP, THE ENTIRE WATERSTOP SHALL BE REMOVED. IF SUCH EXCAVATION EXTENDS MORE THAN 2" BELOW THE BOTTOM OF THE PLANNED ELASTOMERIC CONCRETE HEADER, AS SHOW, APPROVED REPAIR CONCRETE SHALL BE PLACED IN THE EXCAVATION AREA TO THE ELEVATION OF THE BOTTOM OF THE ELASTOMERIC CONCRETE.



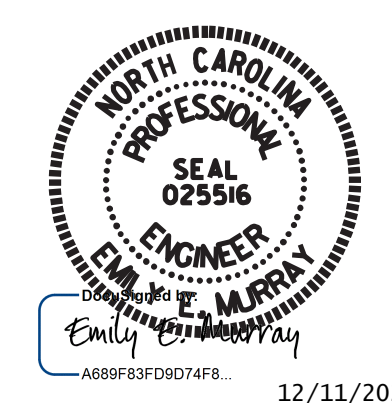
* POURABLE SILICONE JOINT SEALANT SHALL BE RECESSED AS PER MANUFACTURER'S RECOMMENDATIONS.

POURABLE SILICONE JOINT SEALANT		
END BENT 1	31.9	LF
END BENT 2	31.8	LF
TOTAL	63.7	LF

ELASTOMERIC CONCRETE FOR PRESERVATION		
END BENT 1	7.5	CU. FT.
BENT 1	7.5	CU. FT.
BENT 2	7.5	CU. FT.
BENT 3	7.5	CU. FT.
END BENT 2	7.5	CU. FT.
TOTAL	37.5	CU. FT.

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

SHEET 1 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
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DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

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