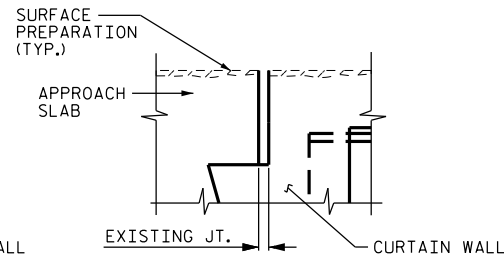
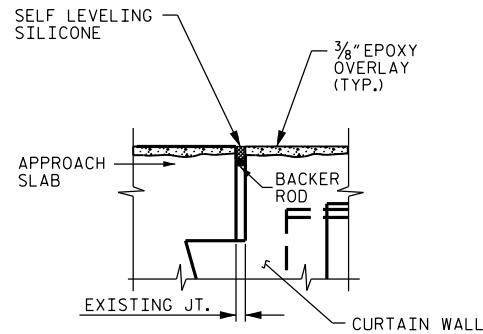


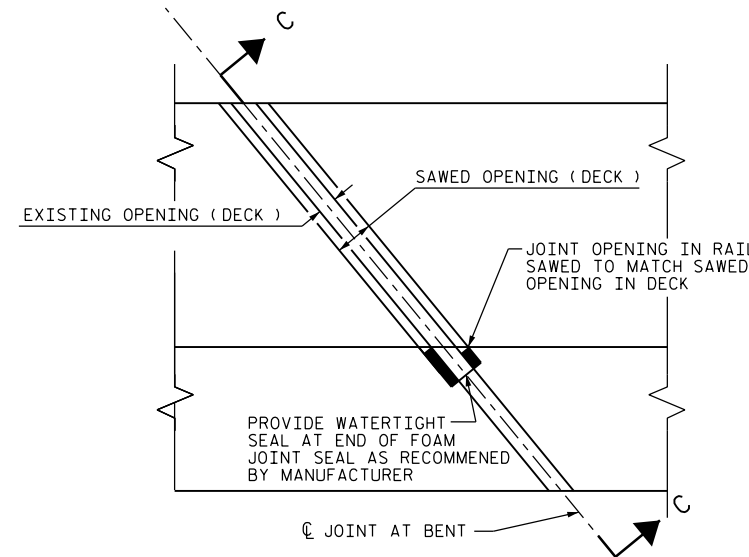
EXISTING JOINT



MINIMUM EXISTING JOINT DEMOLITION



PROPOSED JOINT



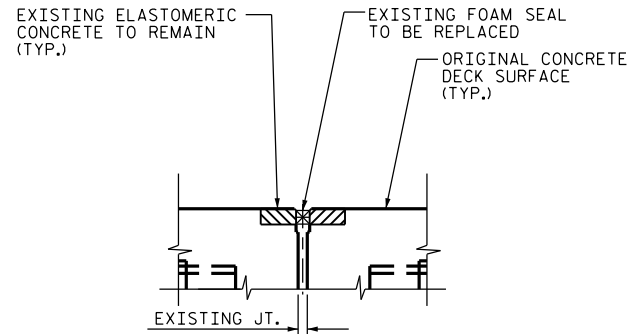
JOINT AT BENT

NOTES:

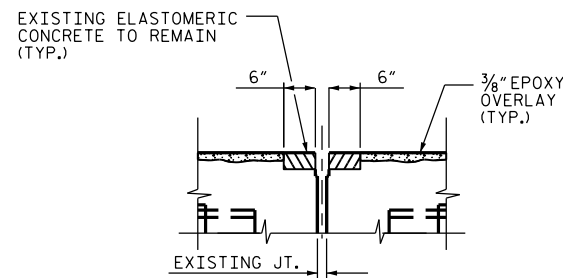
- CONTRACTOR SHALL FIELD VERIFY THE EXISTING FORMED OPENING PRIOR TO OBTAINING JOINT MATERIAL.
- FOR FOAM JOINT SEALS, SEE SPECIAL PROVISIONS.
- FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.
- RETAIN ALL EXISTING REINFORCING STEEL. CLEAN AND REPAIR AS NEEDED.
- THE WIDTH OF THE UNCOMPRESSED FOAM JOINT MATERIAL SHALL BE 3" FOR BENT 1 OF BRIDGE 111, 2 3/4" FOR BENT 4 OF BOTH BRIDGES AND 2 1/2" FOR BENTS 1 OF BRIDGE 109 AND BENT 5 OF BOTH BRIDGES.

JOINT INSTALLATION SEQUENCE AT END BENTS

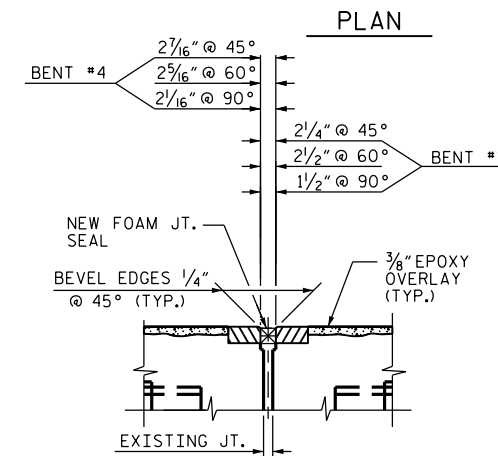
SECTION A-A



EXISTING JOINT

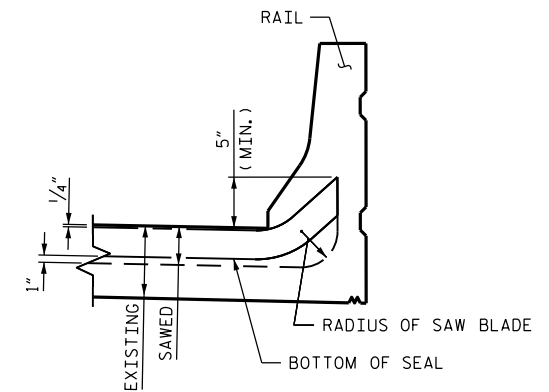


EXISTING FOAM JOINT SEAL REMOVED



PROPOSED FOAM JOINT SEAL INSTALLATION

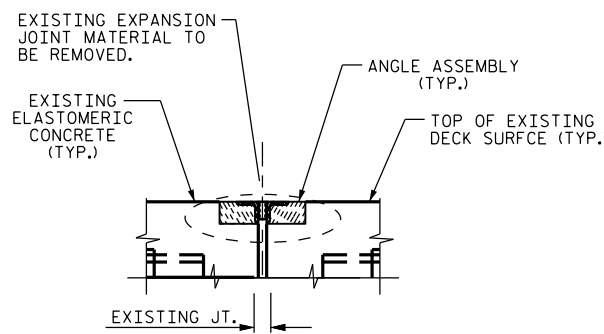
BENT #1 & #4 (BRIDGE 111)



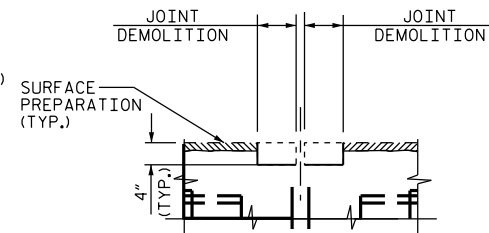
SECTION C-C

JOINT INSTALLATION SEQUENCE AT BENTS

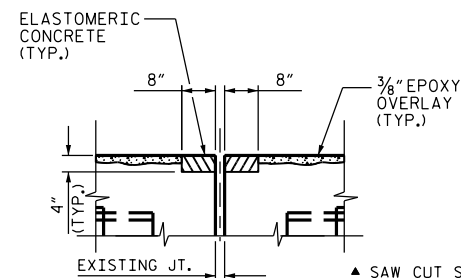
SECTION B-B



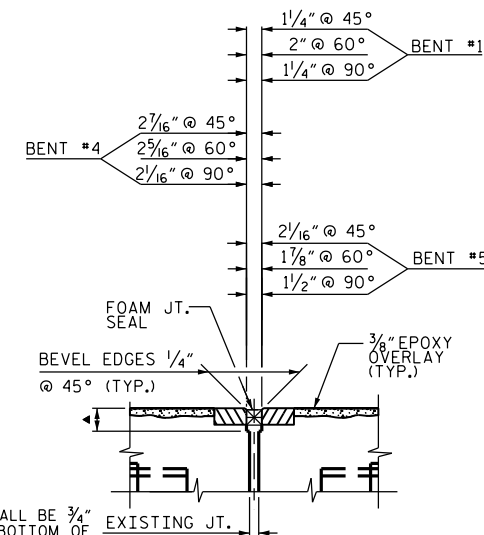
EXISTING JOINT



MINIMUM EXISTING JOINT DEMOLITION



PROPOSED JOINT



PROPOSED FOAM JOINT SEAL EXPANSION

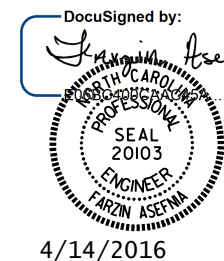
BENT #1, #4 & #5 (BRIDGE 109)
BENT #5 (BRIDGE 111)

▲ SAW CUT SHALL BE 3/4" BELOW THE BOTTOM OF THE JOINT SEAL. SEE MANUFACTURER RECOMMENDATIONS

JOINT INSTALLATION SEQUENCE AT BENTS

SECTION C-C

PROJECT NO. I-5731
CUMBERLAND COUNTY
BRIDGE NO.: 109 & 111



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE
JOINT DETAILS

DRAWN BY : D.V. JOYNER DATE : 1/2016
CHECKED BY : F. ASEFNIA DATE : 1/2016

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S-30
2			4			TOTAL SHEETS 37