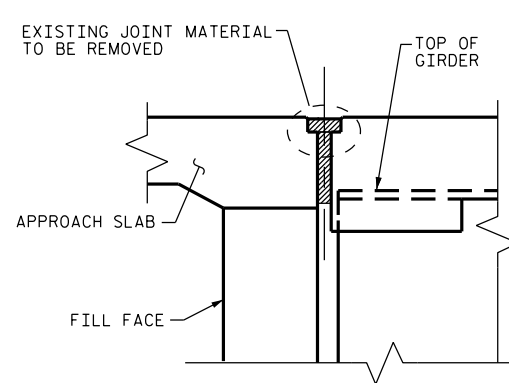
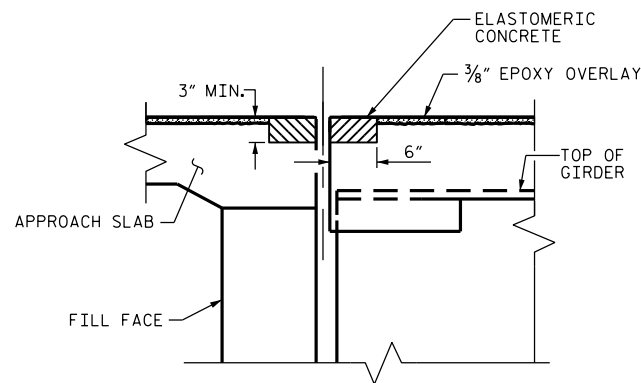


NOTES

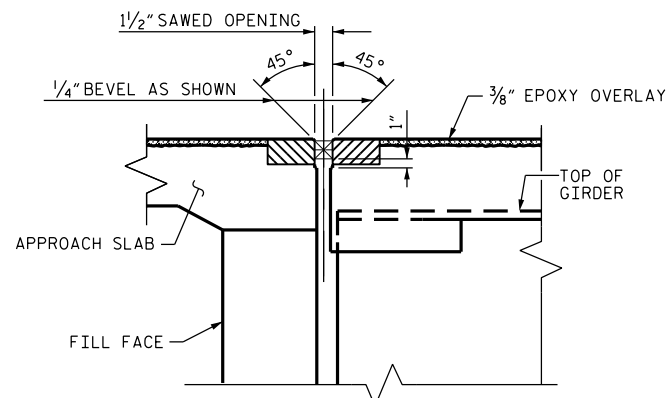
FOR FOAM JOINT SEALS, SEE SPECIAL PROVISIONS.  
 THE INSTALLED FOAM JOINT SEALS SHALL BE WATERTIGHT.  
 NOMINAL UNCOMPRESSED SEAL WIDTH OF FOAM JOINT SEAL SHALL BE 2".  
 THE CONTRACTOR WILL NOT BE PERMITTED TO FORM THE JOINTS FOR THE JOINT SEALS IN LIEU OF SAWING THE JOINTS.



EXISTING JOINT

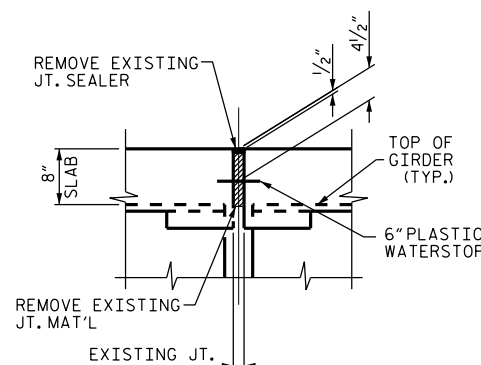


PROPOSED JOINT PRE-SAWED

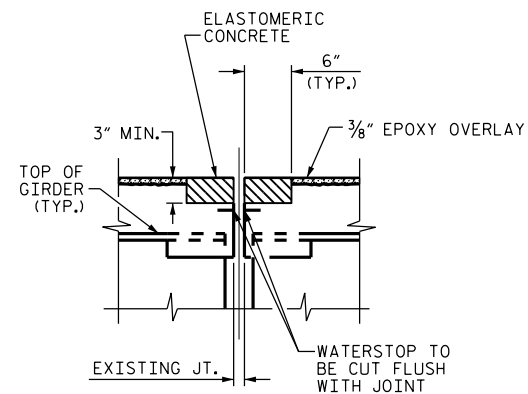


PROPOSED FOAM JOINT SEAL

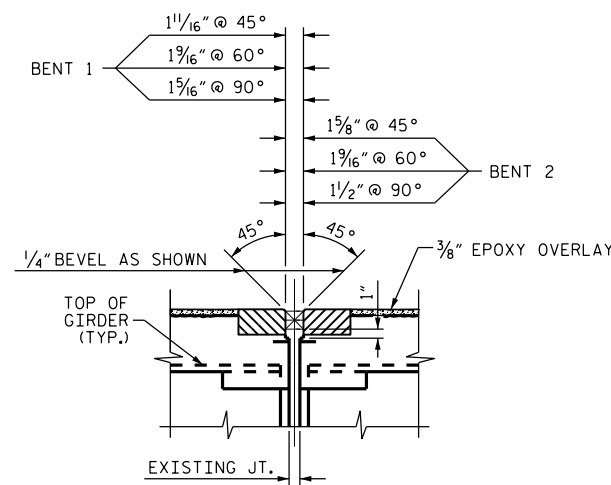
SECTION A-A



EXISTING JOINT



PROPOSED JOINT PRE-SAWED

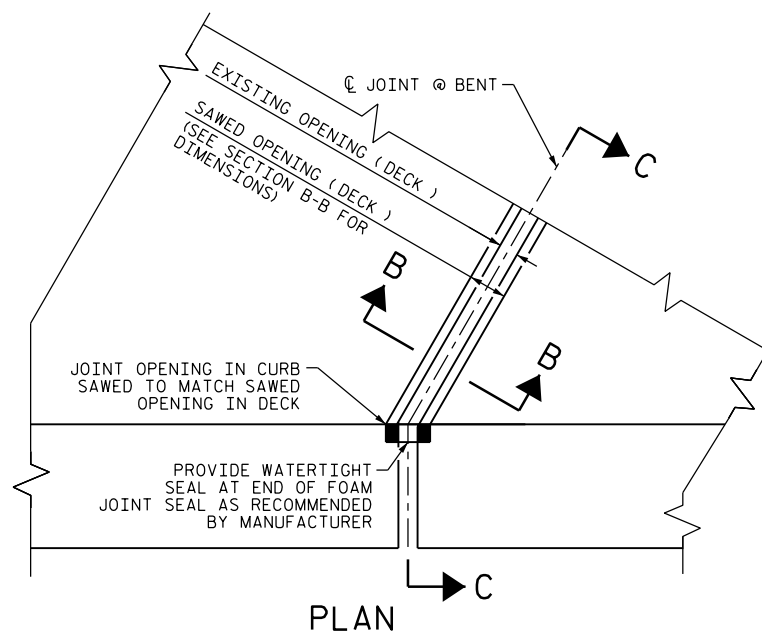


PROPOSED FOAM JOINT SEAL

SECTION B-B

ELASTOMERIC CONCRETE FOR EACH BRIDGE		
END BENT 1	10.1	(CU. FT.)
BENT 1	10.1	(CU. FT.)
BENT 2	10.1	(CU. FT.)
END BENT 2	10.1	(CU. FT.)
* TOTAL	40.4	(CU. FT.)

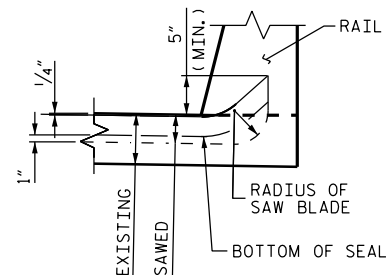
\* BASED ON THE MINIMUM BLOCKOUT SHOWN.



PLAN

DEMOLISH BRIDGE JOINT AREA TO THE NECESSARY DEPTH, SUCH THAT ELASTOMERIC CONCRETE SHALL BE FOUNDED ON CONCRETE OR REPAIR CONCRETE SUBSTRATE.

IF THE EMBEDDED PORTION OF THE EXISTING PLASTIC WATERSTOP IS EXPOSED DURING REMOVAL OF UNSOUND CONCRETE, OR IF UNSOUND CONCRETE IS REMOVED WITHIN 2" OF THE WATERSTOP, THE ENTIRE CONCRETE DEPTH TO THE WATERSTOP SHALL BE REMOVED. IF SUCH EXCAVATION EXTENDS MORE THAN 2" BELOW THE BOTTOM OF THE PLANNED ELASTOMERIC CONCRETE HEADER, AS SHOWN, APPROVED REPAIR CONCRETE SHALL BE PLACED IN THE EXCAVATED AREA TO THE ELEVATION AT THE BOTTOM OF THE ELASTOMERIC CONCRETE.



SECTION C-C

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

DocuSigned by:  
*John A. Yannaccone*  
 7BC36868E884C  
 NORTH CAROLINA PROFESSIONAL SEAL 32492  
 JOHN A. YANNACCONE  
 7/19/2016

PROJECT NO. I-5833  
McDOWELL COUNTY  
 BRIDGE NO. 12 & 16

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

JOINT DETAILS

DRAWN BY : S. WAN@PE DATE : 06/16  
 CHECKED BY : J. YANNACCONE DATE : 06/16

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S-6
2			4			TOTAL SHEETS 6