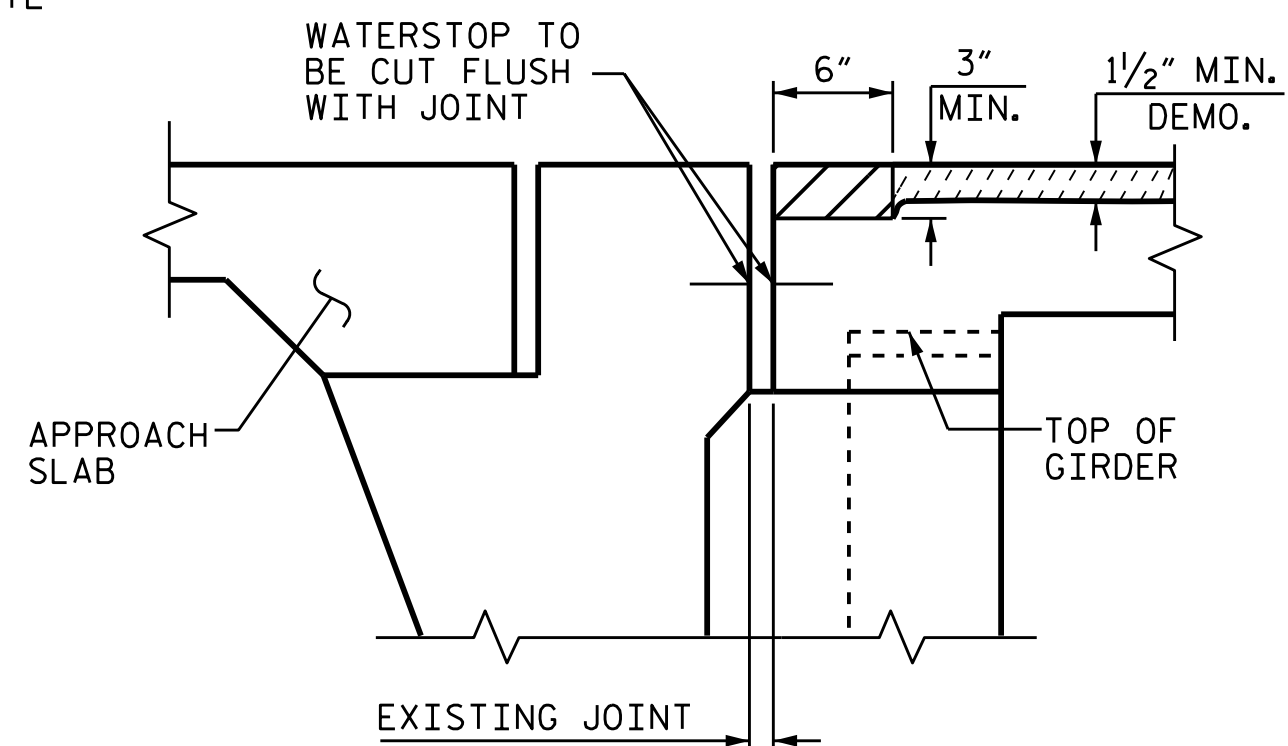
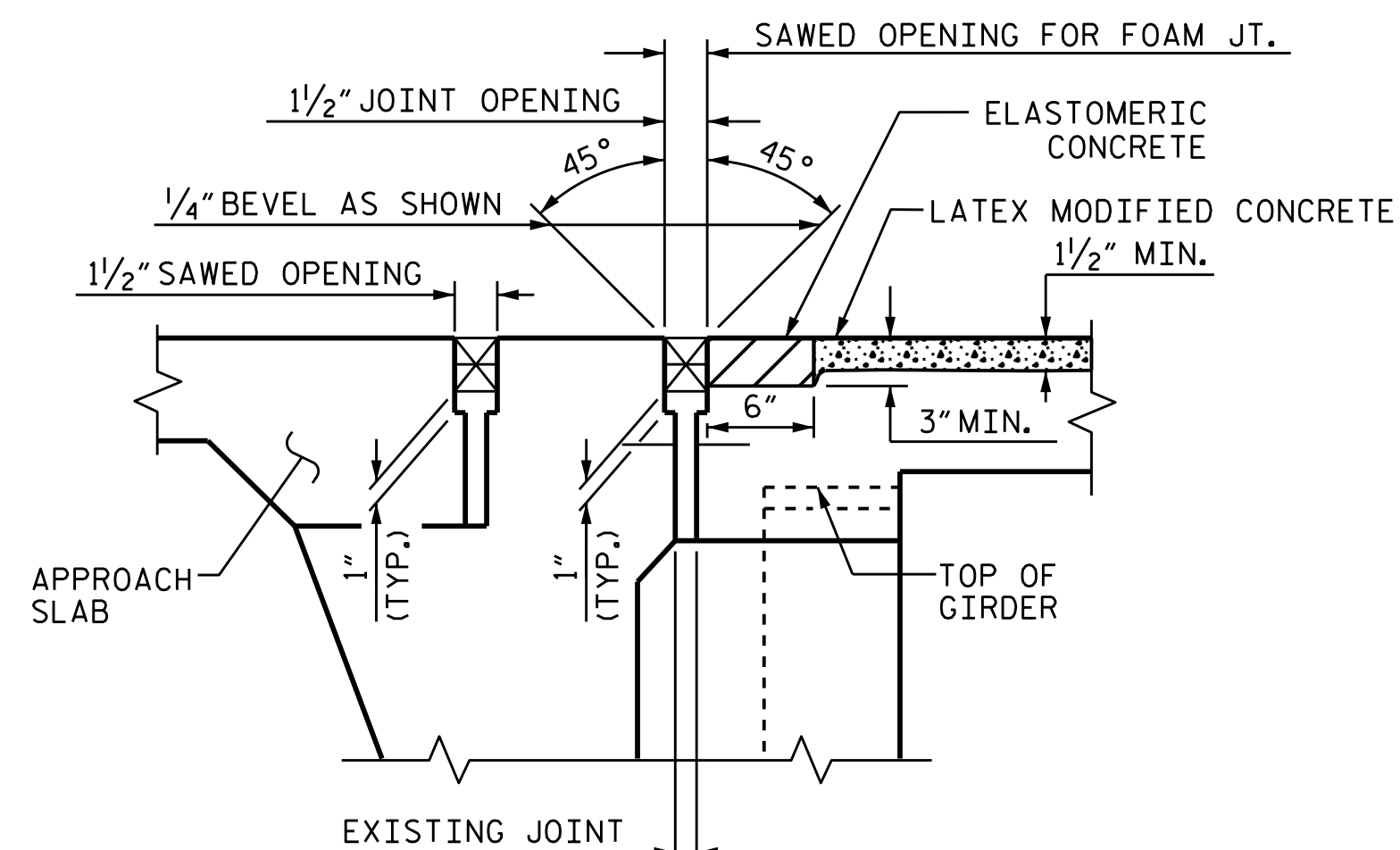


SECTION A-A
(EXISTING JOINT)

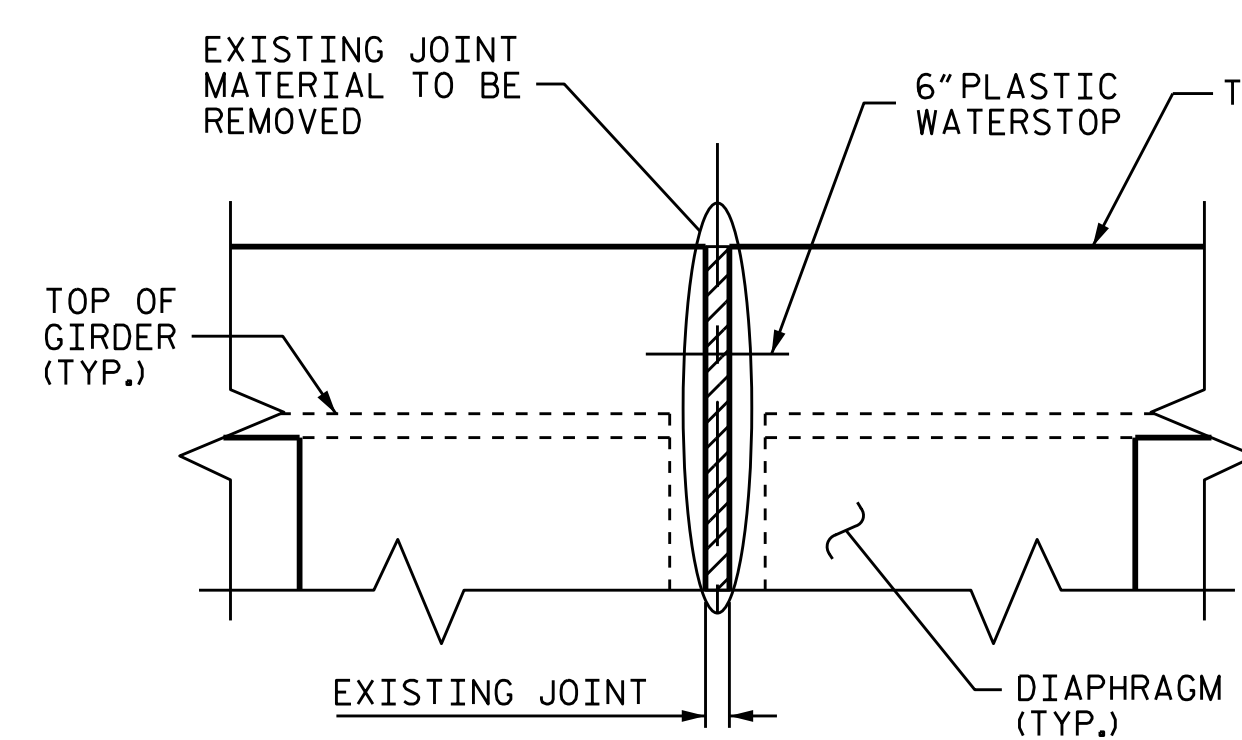


SECTION A-A
(MINIMUM EXISTING JOINT DEMOLITION)

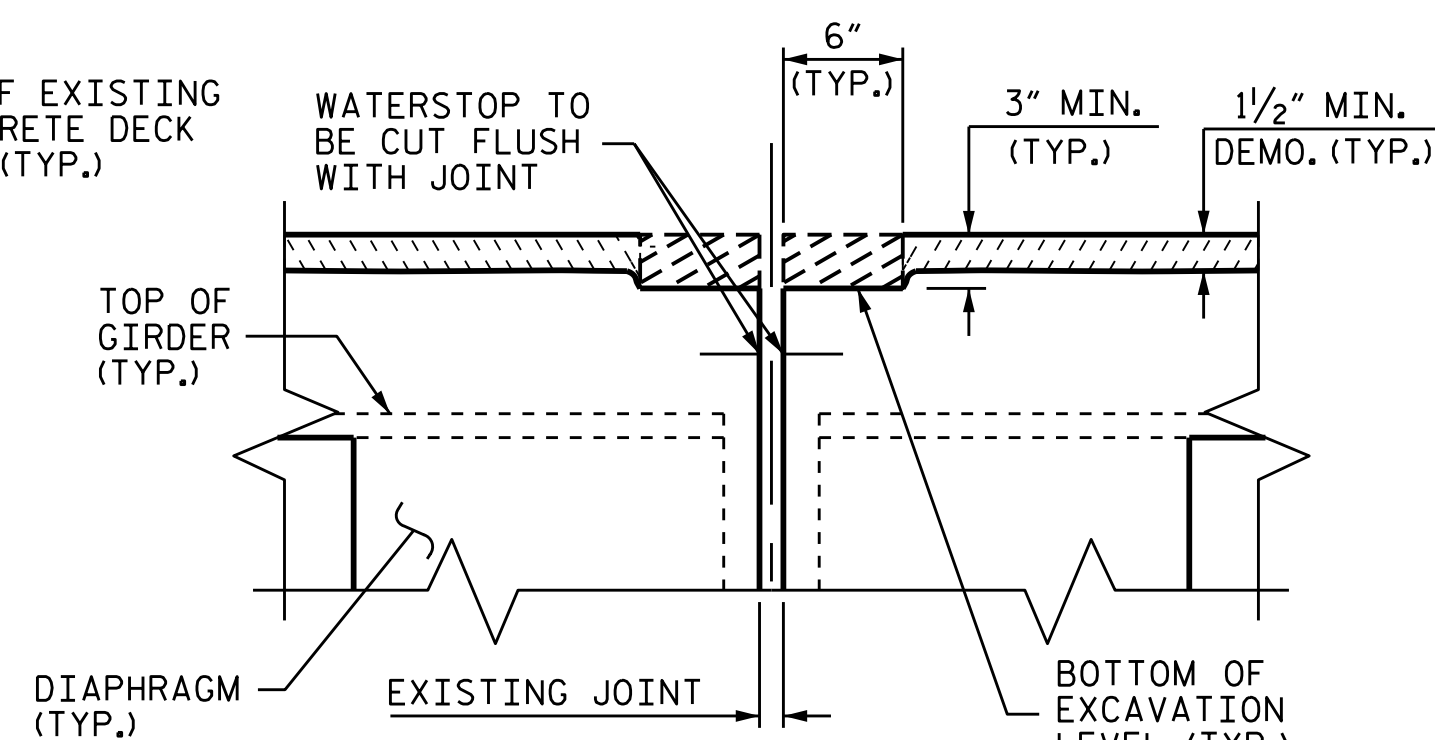


SECTION A-A
(PROPOSED FOAM JOINT SEAL)

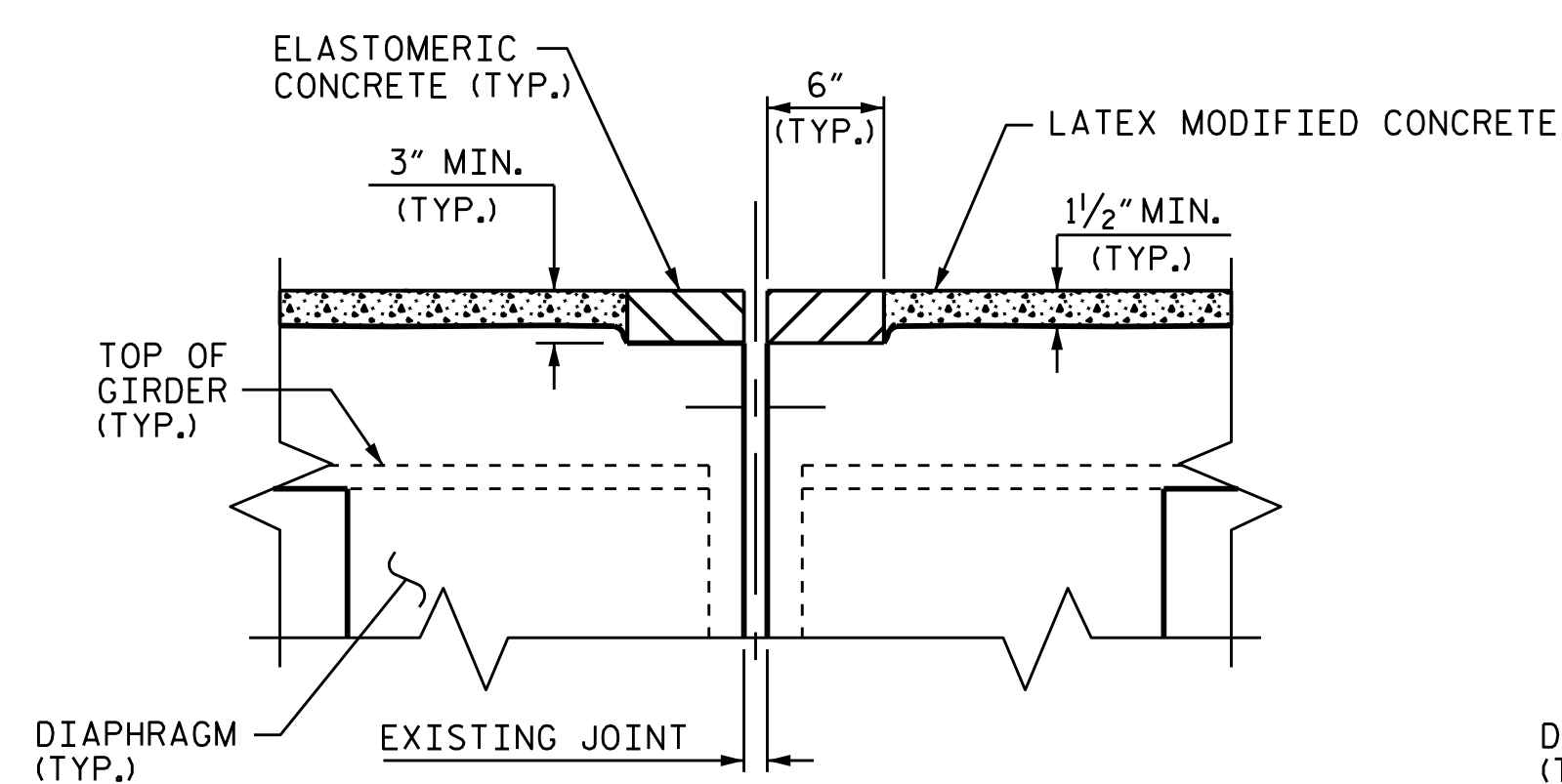
AT END BENT 1



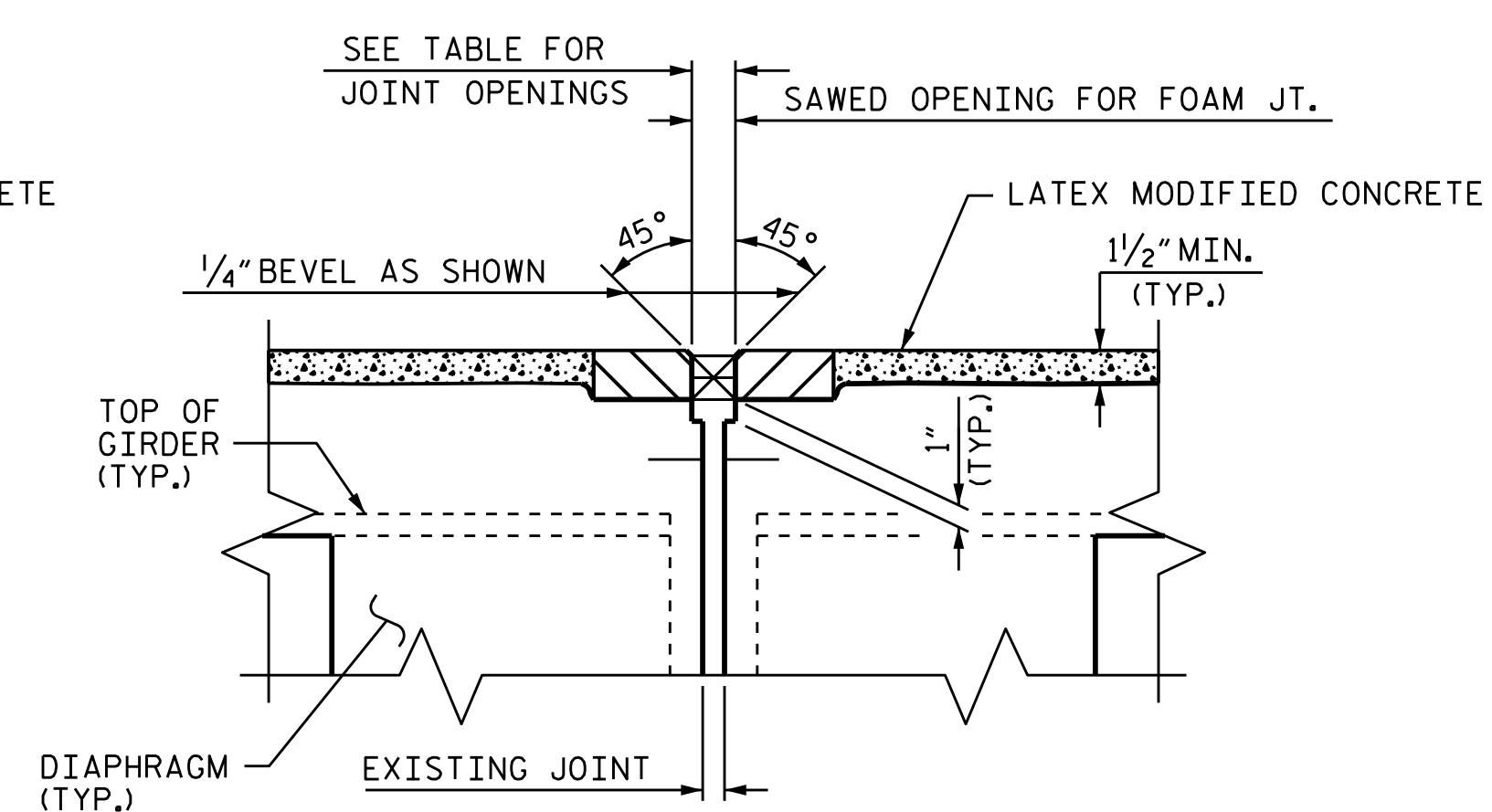
SECTION B-B
(EXISTING JOINT)



SECTION B-B
(MINIMUM EXISTING JOINT DEMOLITION)



SECTION B-B
(PROPOSED JOINT PRE-SAWED)



SECTION B-B
(PROPOSED FOAM JOINT SEAL)

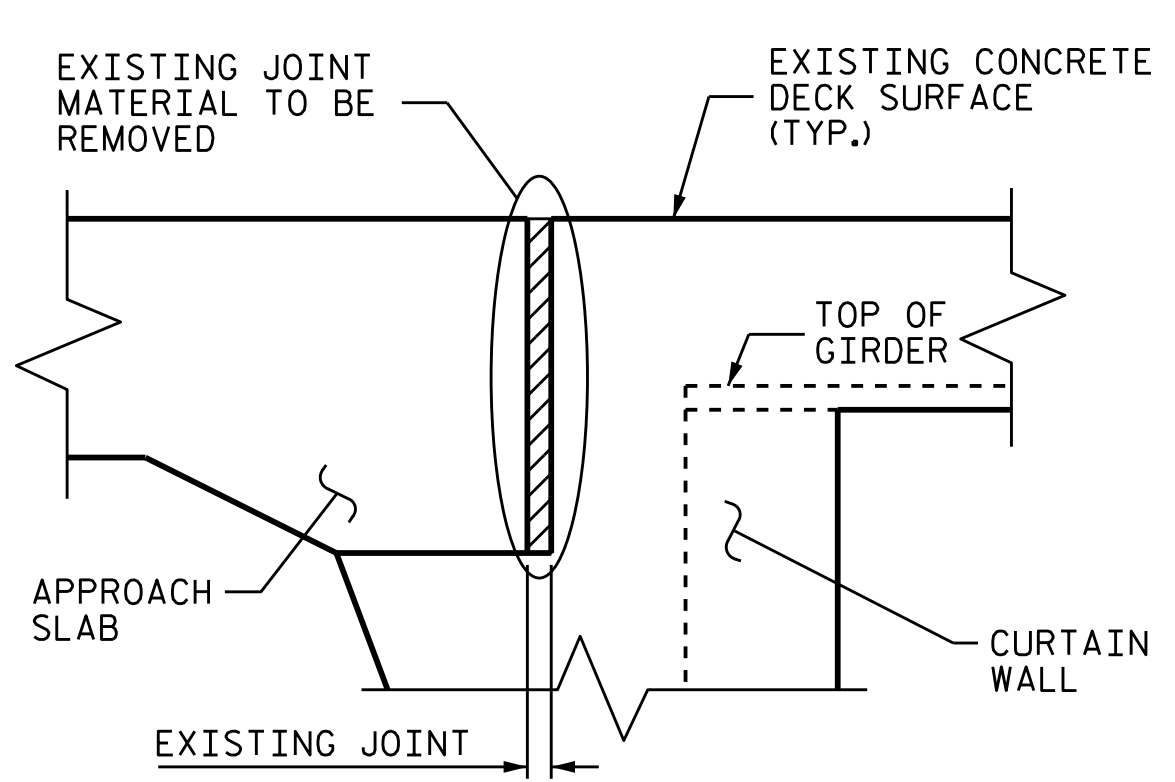
AT BENTS
(AT BENT 4, 5 & 6)

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.

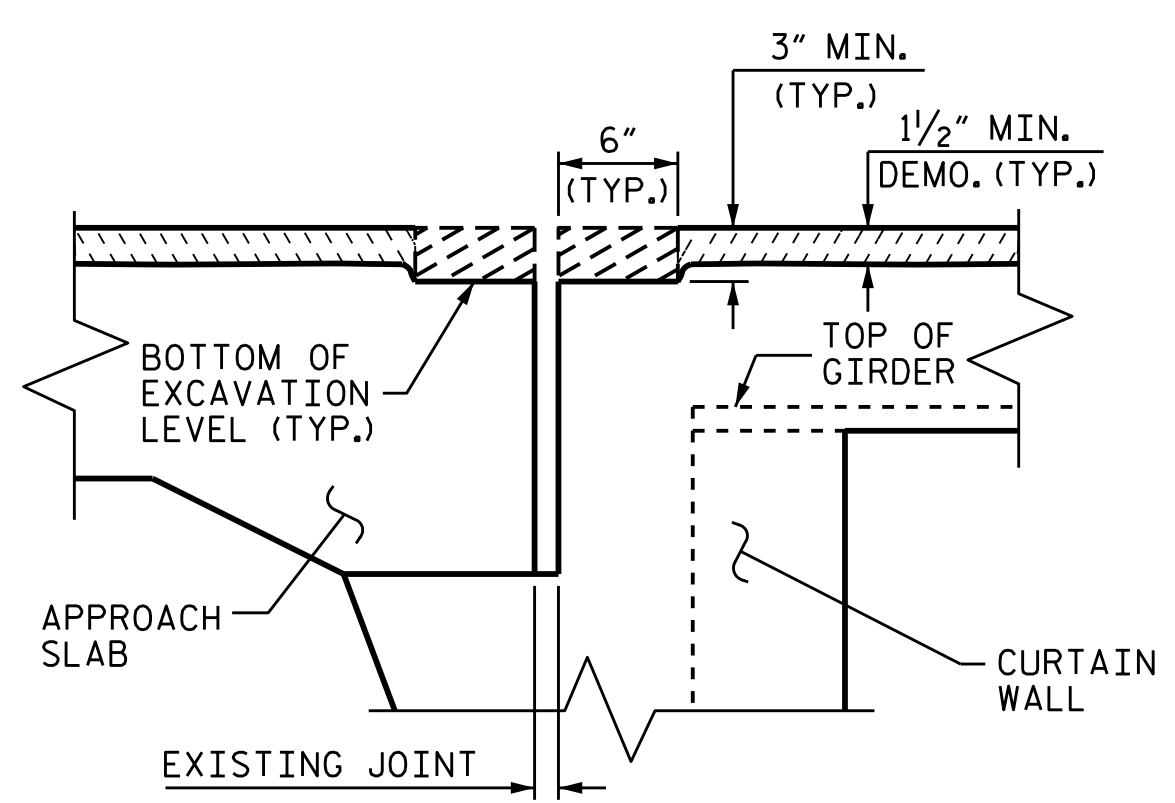
DEMOLISH BRIDGE JOINT AREA TO THE NECESSARY DEPTH, SUCH THAT ELASTOMERIC CONCRETE SHALL BE FOUNDED ON CONCRETE OR REPAIR CONCRETE SUBSTRATE, NOT LATEX MODIFIED CONCRETE.

SAWED JOINT OPENING TABLE

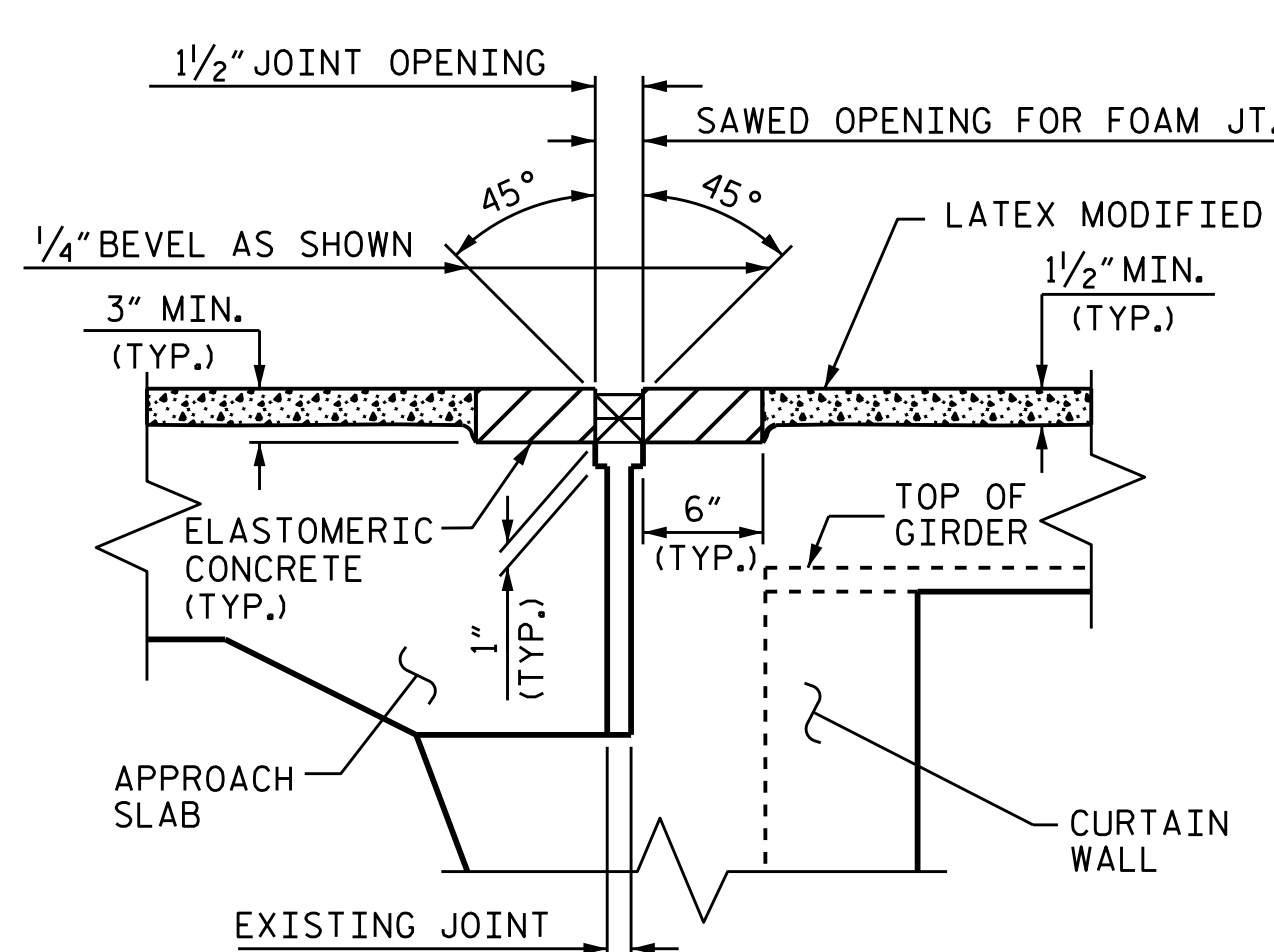
LOCATION BRIDGE 705	SAWED JT. OPENING (PERPENDICULAR TO JT.)		
	AT 45°	AT 60°	AT 90°
END BENT 1	2 1/8"	1 15/16"	1 9/16"
BENT 4	1 11/16"	1 9/16"	1 1/4"
BENT 5	1 11/16"	1 9/16"	1 1/4"
BENT 6	1 11/16"	1 9/16"	1 1/4"



SECTION C-C
(EXISTING JOINT)



SECTION C-C
(MINIMUM EXISTING JOINT DEMOLITION)



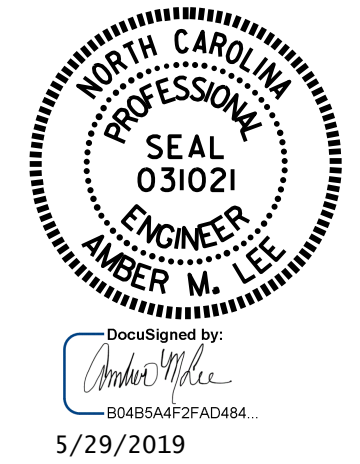
SECTION C-C
(PROPOSED FOAM JOINT SEAL)

JOINT REPAIR QUANTITY TABLE

	ESTIMATED LIN. FT.	ACTUAL LIN. FT.
FOAM JOINT SEALS FOR PRESERVATION	306.9	
POURABLE SILICONE JOINT SEALANT	0.0	

ELASTOMERIC CONCRETE FOR PRESERVATION

LOCATION	ESTIMATED CU.FT.	ACTUAL CU.FT.
END BENT 1	7.2	
BENT 4	14.4	
BENT 5	16.0	
BENT 6	16.0	
END BENT 2	16.0	
TOTAL	69.6	



PROJECT NO. 15BPR.40
BUNCOMBE COUNTY
BRIDGE NO. 100705

SHEET 1 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

JOINT DETAILS
LMC OVERLAY

DRAWN BY : M. G. SHAIKH DATE : 02/2019
CHECKED BY : A. M. LEE DATE : 03/2019

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S3-20
2			4			TOTAL SHEETS 36