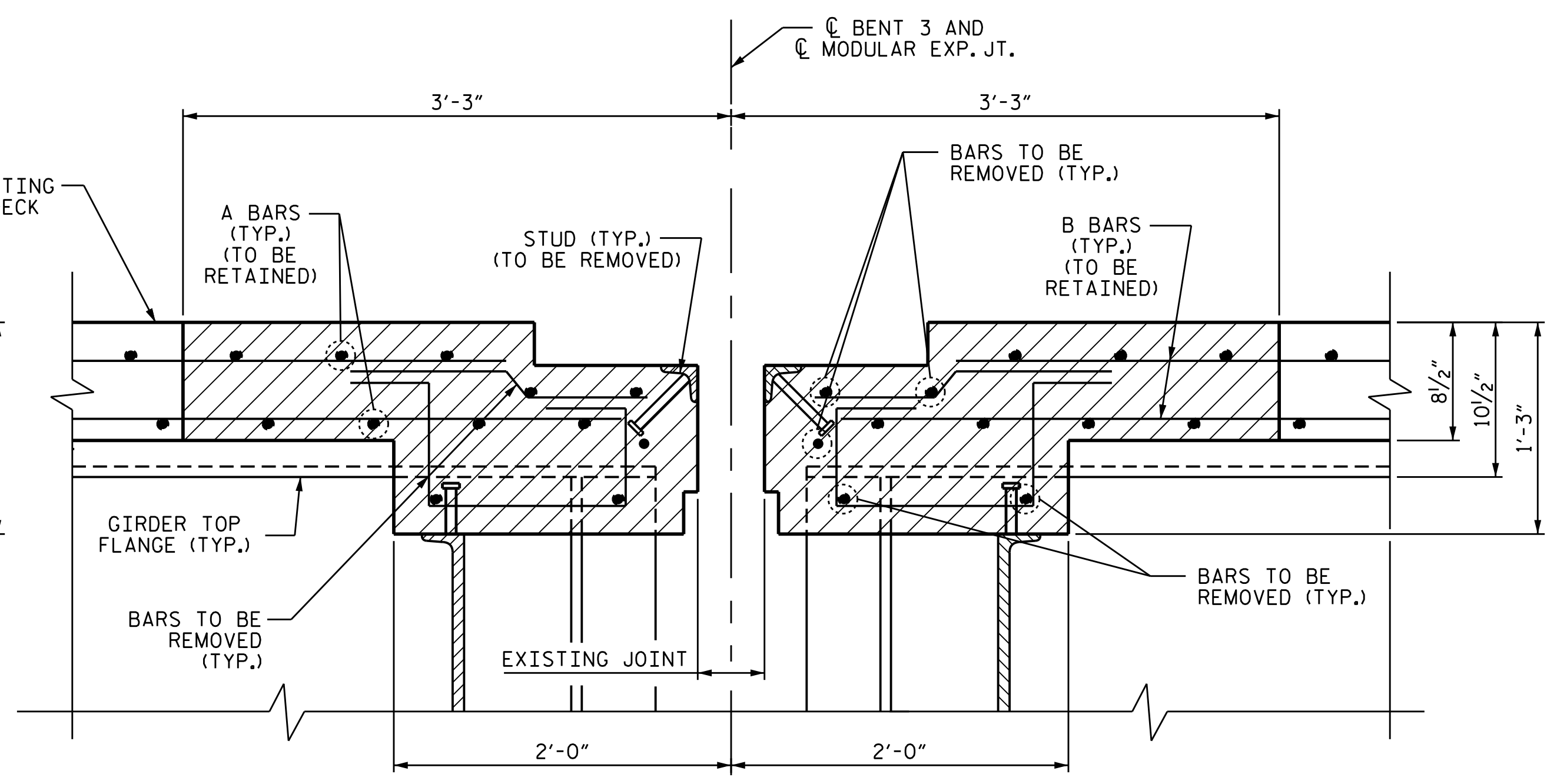


EXISTING MODULAR EXPANSION JOINT DETAIL AT ROADWAY SECTION D-D



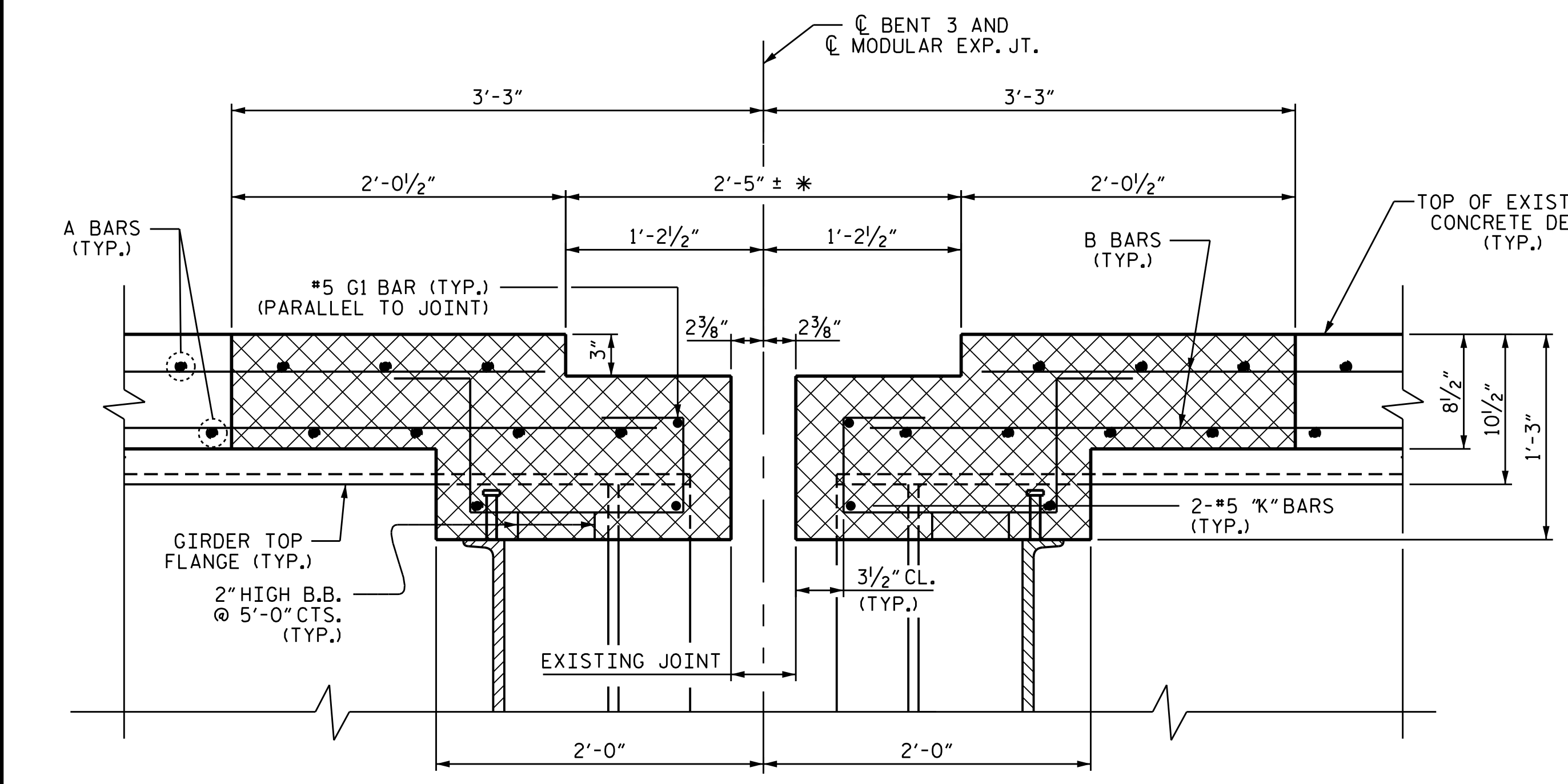
MODULAR EXPANSION JOINT DEMOLITION SECTION D-D

NOTE
 EXISTING MODULAR EXPANSION JOINT DETAIL ARE SHOWN FOR INFORMATION ONLY. ACTUAL FIELD CONDITIONS MAY VARY. THE CONTRACTOR SHALL HAVE NO CLAIM WHATSOEVER AGAINST THE DEPARTMENT IF ACTUAL CONDITIONS VARY FROM WHAT IS SHOWN IN THESE PLANS.
 THE CONTRACTOR SHALL HAVE A REPRESENTATIVE FROM THE JOINT MANUFACTURER PRESENT DURING INSTALLATION OF PROPOSED EXPANSION JOINT SEAL.
 ALL EXPOSED ENDS OF CUT BARS SHALL BE COATED WITH EPOXY PRIOR TO THE NEW JOINT MATERIAL INSTALLATION.
 THE CONTRACTOR SHALL PREPARE THE BOTTOM SURFACE OF BLOCKOUT TO BE PARALLEL WITH THE PLANE OF THE ROADWAY AND PROVIDE A UNIFORM SURFACE.

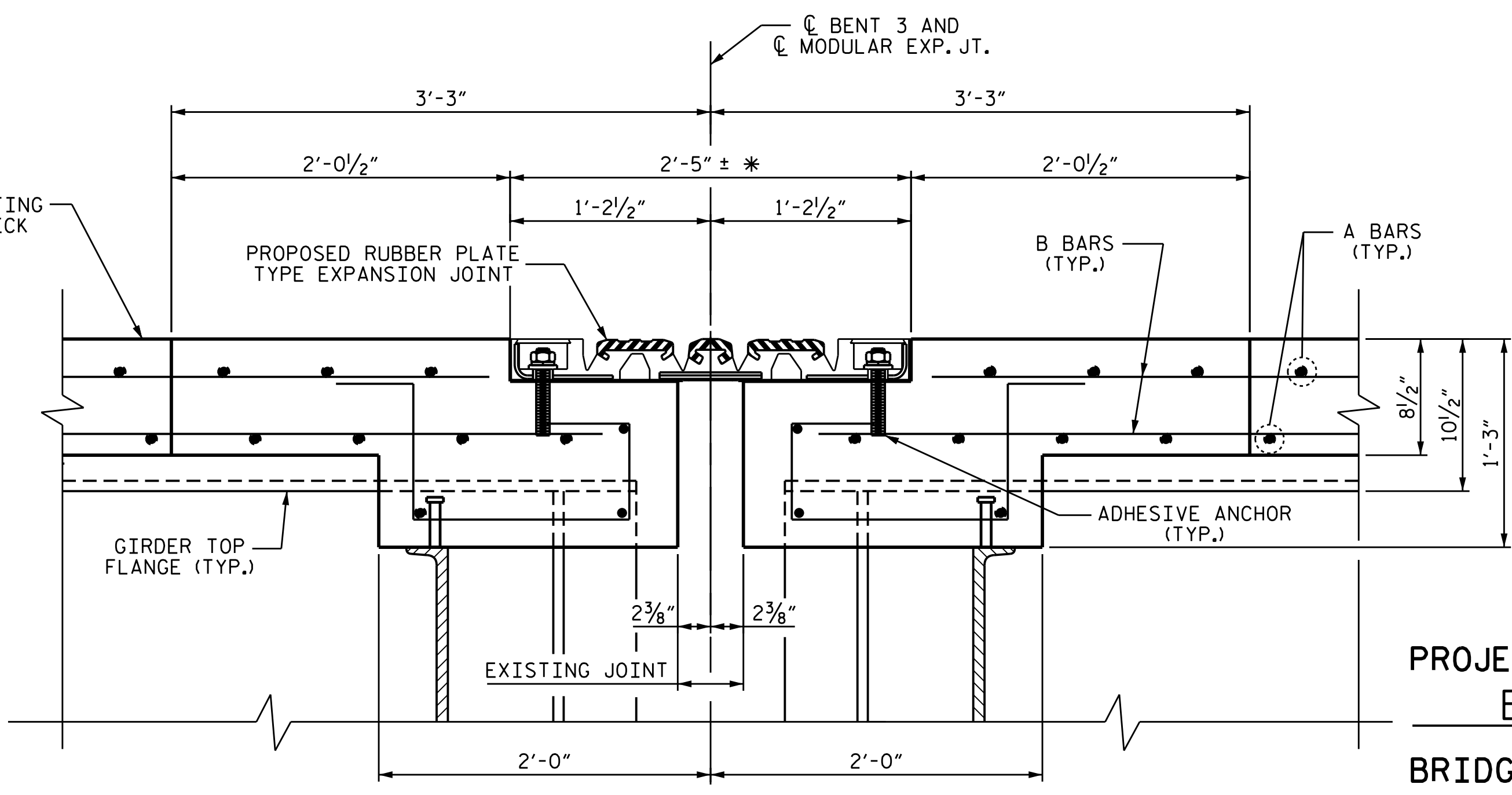
EXISTING CONCRETE TO BE REMOVED

NEW CONCRETE FOR DECK REPAIR

* TO BE VERIFIED BY MANUFACTURER



CONCRETE AND REINFORCING STEEL REPLACEMENT SECTION D-D



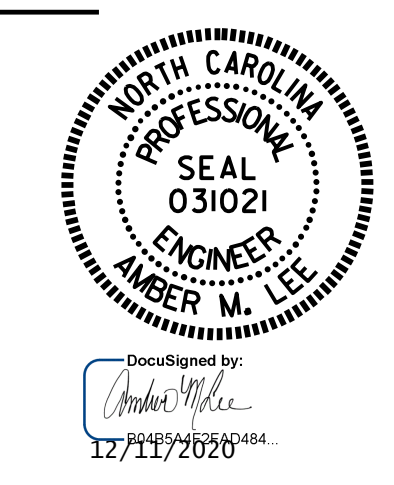
PROPOSED MODULAR EXPANSION JOINT REPAIR SECTION D-D

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

SHEET 2 OF 3

MOVEMENT AND SETTING AT JOINT					
BENT NO.	SKEW ANGLE	TOTAL MOVEMENT (ALONG CL RDWY)	PERPENDICULAR JOINT OPENING AT 45° F	PERPENDICULAR JOINT OPENING AT 60° F	PERPENDICULAR JOINT OPENING AT 90° F
3	105°	3 1/16"	3"	2 3/16"	1 5/8"

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.



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 JOINT DETAILS
 LMC OVERLAY

DRAWN BY : M. G. SHAIKH DATE : 04/2019
 CHECKED BY : A. M. LEE DATE : 04/2019

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO. S3-21 TOTALS 36
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			