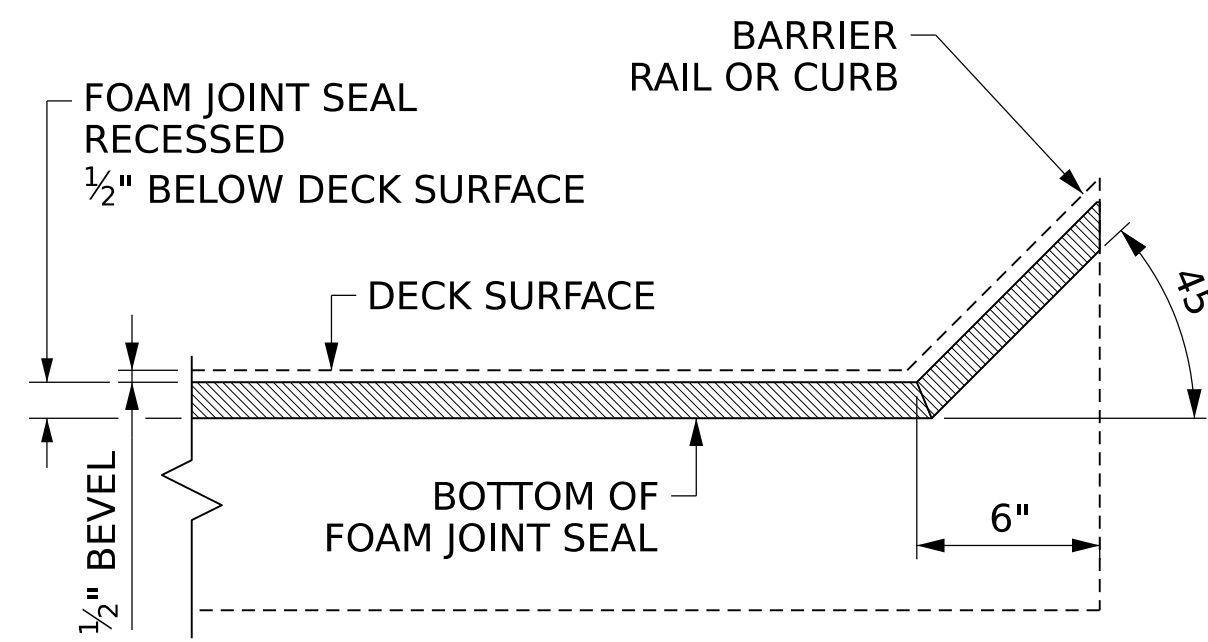


**PLAN AT GUTTER**  
(PROPOSED FOAM JOINT SEAL)



**SECTION D-D**  
(PROPOSED FOAM JOINT SEAL)

PROPOSED JOINT QUANTITY		
	ESTIMATED (LIN. FT.)	ACTUAL (LIN. FT.)
FOAM JOINT SEALS FOR PRESERVATION	159	

TABLE 1	
01-26-2023	
BENT/ JOINTS	DIM 'A' @ 51°F
END BENT 1	2"
BENT 2	1¾"
END BENT 2	2"

**NOTES:**

THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING JOINT OPENING PRIOR TO ORDERING JOINT SEAL MATERIAL. IF THE ACTUAL OPENING VARIES FROM THE OPENING INDICATED IN THE DETAIL BY MORE THAN ¼", NOTIFY THE ENGINEER. REVISION OF THE JOINT SEAL SIZE MAY BE NECESSARY.

THE MANUFACTURER IS TO PROVIDE THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE FOAM JOINT SEAL FOR THE SIZE OF THE OPENING ON THE PLANS AND ACCOMODATE THE MINIMUM EXPANSION SHOWN ON THE PLANS.

INSTALL FOAM JOINTS AS PER THE MANUFACTURER'S RECOMMENDATIONS.

THE CONTRACTOR SHALL TAKE CARE DURING JOINT REPAIR OPERATIONS NOT TO DROP ANY MATERIAL THAT FALLS BELOW THE BRIDGE, WITHOUT PROTECTIVE DEVICES BELOW TO CATCH THE MATERIAL. ANY MATERIAL THAT FALLS BELOW THE BRIDGE SHALL BE CONTAINED, REMOVED AND DISPOSED OF BY THE CONTRACTOR AT NO EXTRA COST TO THE DEPARTMENT. IF THE ENGINEER DETERMINES THAT THE PROTECTIVE DEVICES ARE NOT ADEQUATE OR NOT BEING EMPLOYED, THE WORK SHALL BE SUSPENDED UNTIL ADEQUATE PROTECTION IS PROVIDED.

THE CONTRACTOR WILL NOT BE PERMITTED TO FORM THE JOINTS IN LIEU OF SAWING THE JOINT.

FOR BRIDGE JOINT DEMOLITION, SEE SPECIAL PROVISIONS.

FOR FOAM JOINT SEALS FOR PRESERVATION, SEE SPECIAL PROVISIONS.

DEMOLISH BRIDGE JOINT AREA SUCH THAT THE BOTTOM OF THE EXCAVATION SHALL BE REASONABLY FLAT AND LEVEL AND TO THE NECESSARY DEPTH, SUCH THAT THE REPAIR SHALL BE FOUNDED ON CONCRETE OR REPAIR CONCRETE SUBSTRATE.

TAKE CARE NOT TO DAMAGE ANY EXISTING DECK REINFORCING EXPOSED DURING BRIDGE JOINT DEMOLITION. NOTIFY THE ENGINEER OF ANY DECK REINFORCING EXPOSED DURING BRIDGE JOINT DEMOLITION OPERATIONS.

EXISTING DECK REINFORCING IS NOT SHOWN IN THE SECTIONS PROVIDED ON THIS SHEET.

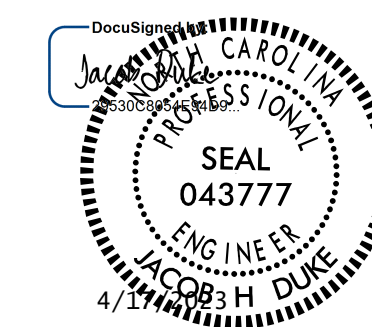
PRELIMINARY PLANS  
DO NOT USE FOR CONSTRUCTION

PROJECT NO. I-6039

NEW HANOVER COUNTY

BRIDGE NO. 640044

SHEET 2 OF 3



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

**JOINT DETAILS**

DRAWN BY : FIDEL L. FLORES DATE : 01/2023  
 CHECKED BY : ALLEN J. MCSWAIN DATE : 01/2023  
 DESIGN ENGINEER OF RECORD: JACOB H. DUKE DATE : 01/2023

4/17/2023  
640044\_16039.SMU\_UT02.dgn  
jduke

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

301 FAYETTEVILLE ST., SUITE 1500  
RALEIGH, NC 27601 (919) 982-7839  
NC FIRM LICENSE: C-1506

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS
2			4			13

SHEET NO.

**S1-5**