

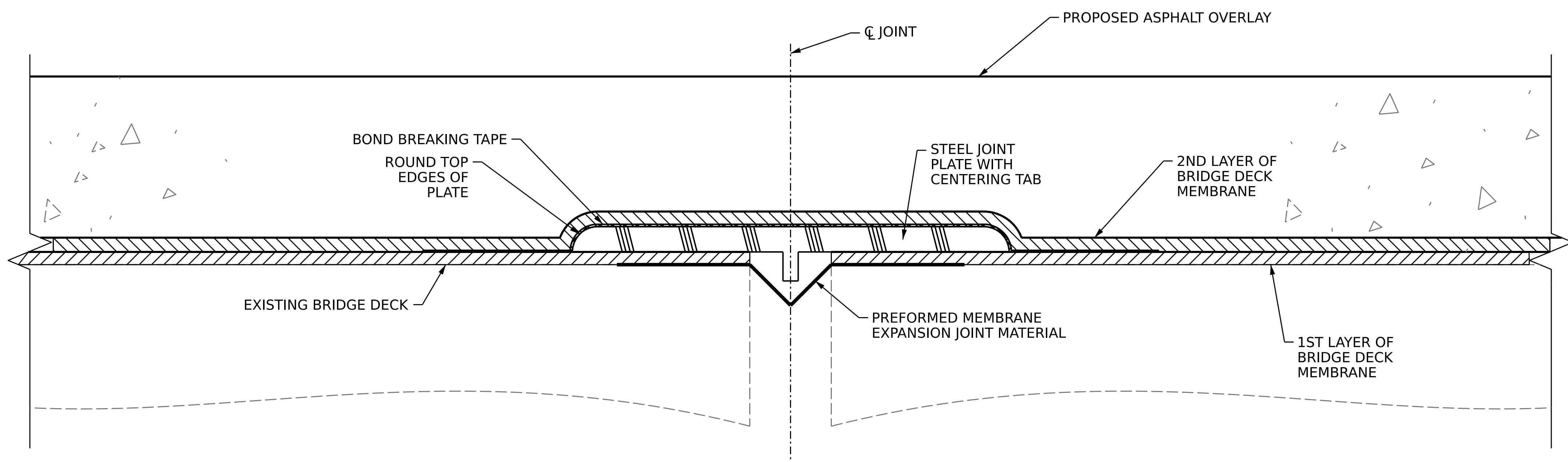
EXISTING COMPRESSION JOINT SEAL

CLASS II SURFACE PREPARATION OF EXISTING JOINT AS NEEDED

PREPOSED JOINT PRIOR TO PLACING NEW JOINT MATERIAL

**SECTION A-A**

EXISTING



**SECTION A-A**

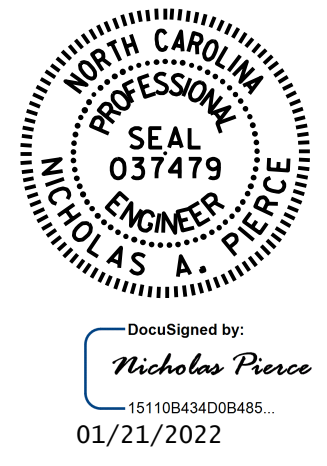
PROPOSED

**NOTES**

- THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING JOINT OPENING PRIOR TO ORDERING JOINT MATERIALS.
- THE MANUFACTURER IS TO PROVIDE THE PREFORMED EXPANSION JOINT SEAL WIDTH FOR THE EXISTING JOINT SIZE AND ACCOMMODATE THE MINIMUM EXPANSION OPENING FIELD VERIFIED BY THE CONTRACTOR.
- ONLY PREFORMED MEMBRANE EXPANSION JOINT MATERIALS, STEEL JOINT PLATES AND BOND BREAKING TAPES THAT ARE RECOMMENDED BY THE BRIDGE DECK WATERPROOFING MEMBRANE MANUFACTURER SHALL BE USED.
- PREFORMED MEMBRANE EXPANSION JOINTS SHALL BE INSTALLED AS PER THE MANUFACTURER'S RECOMMENDATIONS.
- A MANUFACTURER'S CERTIFIED TRAINED REPRESENTATIVE SHALL BE PRESENT DURING THE INSTALLATION OF THE FIRST JOINT OF THE PROJECT, OR UNTIL THE ENGINEER IS SATISFIED WITH THE INSTALL PROCESS.
- THE CONTRACTOR SHALL TAKE CARE DURING JOINT REHAB OPERATIONS NOT TO ALLOW ANY MATERIAL FALL BELOW THE BRIDGE. 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 SHALL NOT BE PERMITTED TO FORM THE JOINTS IN LIEU OF SAWING THE JOINT.
- THE CONTRACTOR SHALL REPAIR EXISTING BRIDGE DECK HEADERS AS NEEDED TO MEET TOLERANCES AS PER THE PREFORMED MEMBRANE EXPANSION JOINT MANUFACTURER'S RECOMMENDATIONS.
- FOR CONCRETE FOR BRIDGE DECK REPAIR, SEE SPECIAL PROVISIONS.
- THE STEEL BRIDGE PLATE SHALL BE A MINIMUM OF 36 KSI STEEL. THE STEEL BRIDGE PLATE THICKNESS SHALL BE A MINIMUM OF 1/4".

PROJECT NO. **15BPR.49**  
**WAKE** COUNTY  
 BRIDGE NO. **910028**

JOINT REPAIR QUANTITY TABLE		
	ESTIMATED LIN. FT.	ACTUAL LIN. FT.
PREFORMED MEMBRANE EXPANSION JOINT MATERIAL	168.0	



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**JOINT DETAILS**

DRAWN BY : N.A. PIERCE DATE : 11/2021  
 CHECKED BY : D.A. CANTRELL DATE : 11/2021  
 DESIGN ENGINEER OF RECORD : N.A. PIERCE DATE : 11/2021

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S1-10
2			4			TOTAL SHEETS 73

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED