

8/26/24

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LOCATION SKETCH

INFORMATION INDICATED ON THE LOCATION SKETCH SHALL BE CONSIDERED GENERAL INFORMATION ONLY. CONTRACTOR SHALL CONFIRM, THROUGH OTHER SOURCES, SPECIFIC INFORMATION REGARDING BRIDGES, ROADWAY, UTILITIES, THE SURROUNDING AREA, AND ANY OTHER ASPECTS THAT MAY BE NECESSARY TO PERFORM AND COMPLETE THE PROJECT.

BRIDGE COORDINATES	
LATITUDE	LONGITUDE
34°-20'-59.55"	78°-40'-16.49"

GENERAL NOTES

SEE CONTRACT DOCUMENTS FOR LANE WIDTHS, SEQUENCING AND OTHER TRAFFIC CONTROL MEASURES FOR STAGING OF OVERLAY SURFACE PREPARATION AND POLYMER CONCRETE (PC) PLACEMENT.

PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL SUBMIT FOR REVIEW AND APPROVAL A COMPLETE SEQUENCE OF TASKS FOR EACH OPERATION AFFECTING THE BRIDGE SURFACE AND/OR TRAFFIC.

FOR OTHER DESIGN DATA AND GENERAL NOTES, SEE SHEET SN.

FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.

FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.

FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.

FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.

ALL PAVEMENT MARKING WILL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

EXISTING JOINTS AND DECK DRAINS SHALL BE SEALED PRIOR TO BEGINNING SURFACE PREPARATIONS OF THE BRIDGE DECK. THE CONTRACTOR SHALL TAKE CARE THAT ANY CONSTRUCTION DEBRIS THAT COLLECTS IN THE DRAINS IS CONTAINED. DRAINS IN SHOULDERS OF ADJACENT TRAVEL LANES SHALL BE KEPT FREE AND CLEAR OF DEBRIS.

LONGITUDINAL CONSTRUCTION JOINTS OF OVERLAYS SHALL BE LOCATED ALONG THE CENTERLINE OR EDGE OF TRAVEL LANES.

FOR SCARIFYING BRIDGE DECK, SHOTBLASTING BRIDGE DECK AND CLASS II SURFACE PREPARATION, SEE OVERLAY SURFACE PREPARATION FOR POLYMER CONCRETE SPECIAL PROVISION.

FOR CONCRETE DECK REPAIR FOR PC OVERLAY, PC MATERIALS, AND PLACING AND FINISHING PC OVERLAY, SEE POLYMER CONCRETE BRIDGE DECK OVERLAY SPECIAL PROVISION.

FOR POLLUTION CONTROL AND PAINTING CONTAINMENT, SEE PAINTING EXISTING STRUCTURE SPECIAL PROVISION.

FOR PAINTING EXISTING STRUCTURE, SEE SPECIAL PROVISIONS.

FOR FOAM JOINT SEALS FOR PRESERVATION, SEE SPECIAL PROVISIONS.

THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT DUE TO THE NATURE OF PRESERVATION PROJECTS, THE EXTENT OF WORK CANNOT ALWAYS BE ACCURATELY DETERMINED PRIOR TO COMMENCEMENT OF WORK. REPAIR LOCATIONS AND ESTIMATES OF QUANTITIES ARE GIVEN WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER SHALL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THE REPAIR.

EXISTING DIMENSIONS AND BRIDGE CONDITION ARE FROM THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL FIELD VERIFY THE INFORMATION SHOWN ON THE PLANS AND NOTIFY THE ENGINEER IF ACTUAL DIMENSIONS AND CONDITIONS DIFFER.

THE CONTRACTOR SHALL HAVE NO CLAIM WHATSOEVER AGAINST THE DEPARTMENT FOR ANY DELAYS OR ADDITIONAL COST INCURRED BASED ON DIFFERENCES BETWEEN WHAT IS SHOWN ON THE PLANS AND THE ACTUAL CONDITIONS AT THE PROJECT SITE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL STATE AND FEDERAL SAFETY REQUIREMENTS.

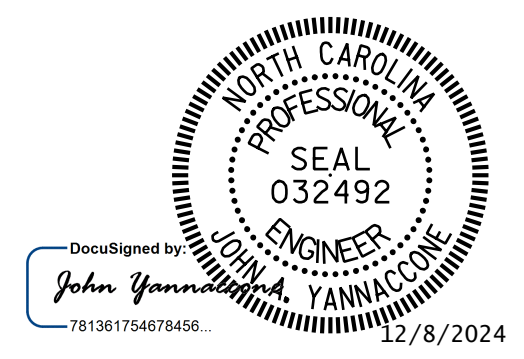
WORK ON THE BRIDGE SHALL BE PERFORMED SO AS NOT TO ALLOW DEBRIS TO FALL BELOW, EXCEPT WHERE THE CONTRACTOR'S PLAN USED PLATFORMS, NETS, SCREEN OR OTHER PROTECTIVE DEVICES TO CATCH THE MATERIAL. THE CONTRACTOR SHALL SUBMIT PLANS FOR CONSTRUCTION IN ACCORDANCE WITH ARTICLE 402-2 OF THE STANDARD SPECIFICATIONS AND THE PROJECT SPECIAL PROVISIONS. ANY DAMAGE TO EXISTING REINFORCING STEEL DURING CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER AND PERFORMED AT NO ADDITIONAL COST TO THE DEPARTMENT.

FOR CONTROL OF TRAFFIC AND LIMITS OF PHASING OF CONSTRUCTION, SEE CONTRACT DOCUMENTS.

INASMUCH AS THE PAINT SYSTEM ON THE EXISTING STRUCTURAL STEEL CONTAINS LEAD, THE CONTRACTOR'S ATTENTION IS DIRECTED TO ARTICLE 107-1 OF THE STANDARD SPECIFICATIONS. ANY COSTS RESULTING FROM COMPLIANCE WITH APPLICABLE STATE OR FEDERAL REGULATIONS PERTAINING TO HANDLING OF MATERIALS CONTAINING LEAD BASED PAINT SHALL BE INCLUDED IN THE BID PRICE FOR ITEMS ASSOCIATED WITH THE CLEANING AND REPAINTING OF BRIDGE.

PROJECT NO. **HI-0018**
COLUMBUS COUNTY
 BRIDGE NO. **230054**

SHEET 2 OF 2



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
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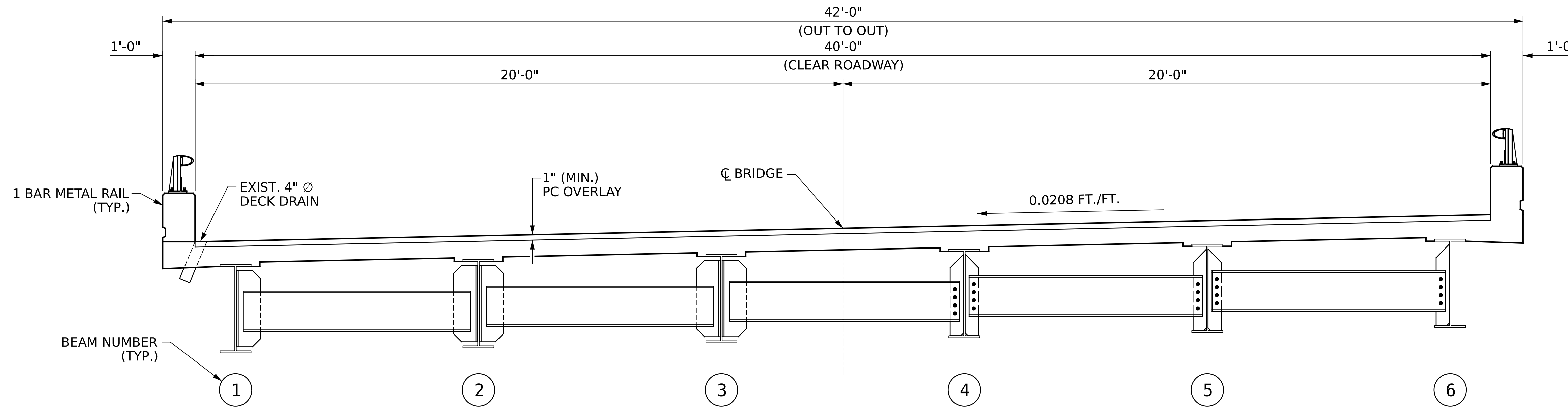
GENERAL DRAWING

FOR BRIDGE ON
 US 74 - US 76 BYP WBL
 OVER WHITE MARSH SWAMP

DRAWN BY : **R.L.PUTEK** DATE : **08/2024**
 CHECKED BY : **J.A.YANNACCONE** DATE : **08/2024**



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	2			4			

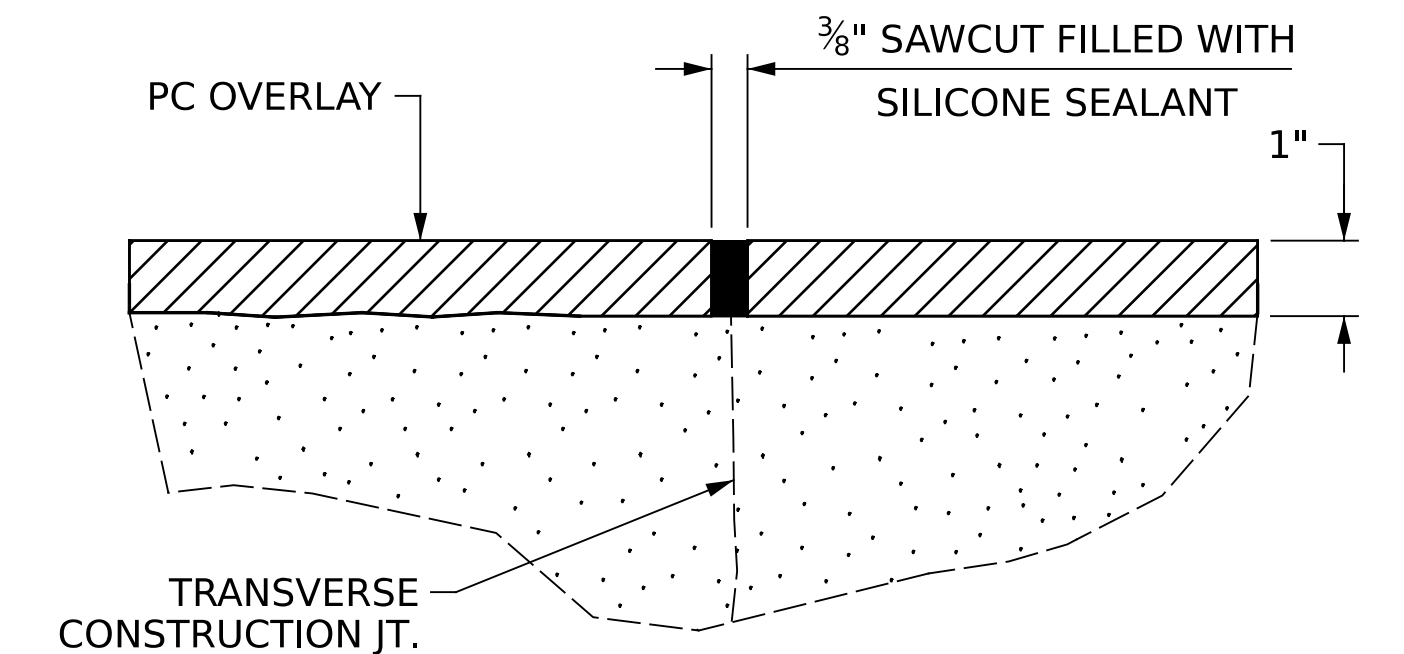


HALF SECTION AT INTERMEDIATE DIAPHRAGMS

HALF SECTION AT BENT DIAPHRAGMS

NOTES:

SEE CONTRACT DOCUMENTS FOR LANE WIDTHS, SEQUENCING AND OTHER TRAFFIC CONTROL MEASURES FOR STAGING OF OVERLAY SURFACE PREPARATION AND PC PLACEMENT.



DETAIL FOR SAWED CONTRACTION JOINT

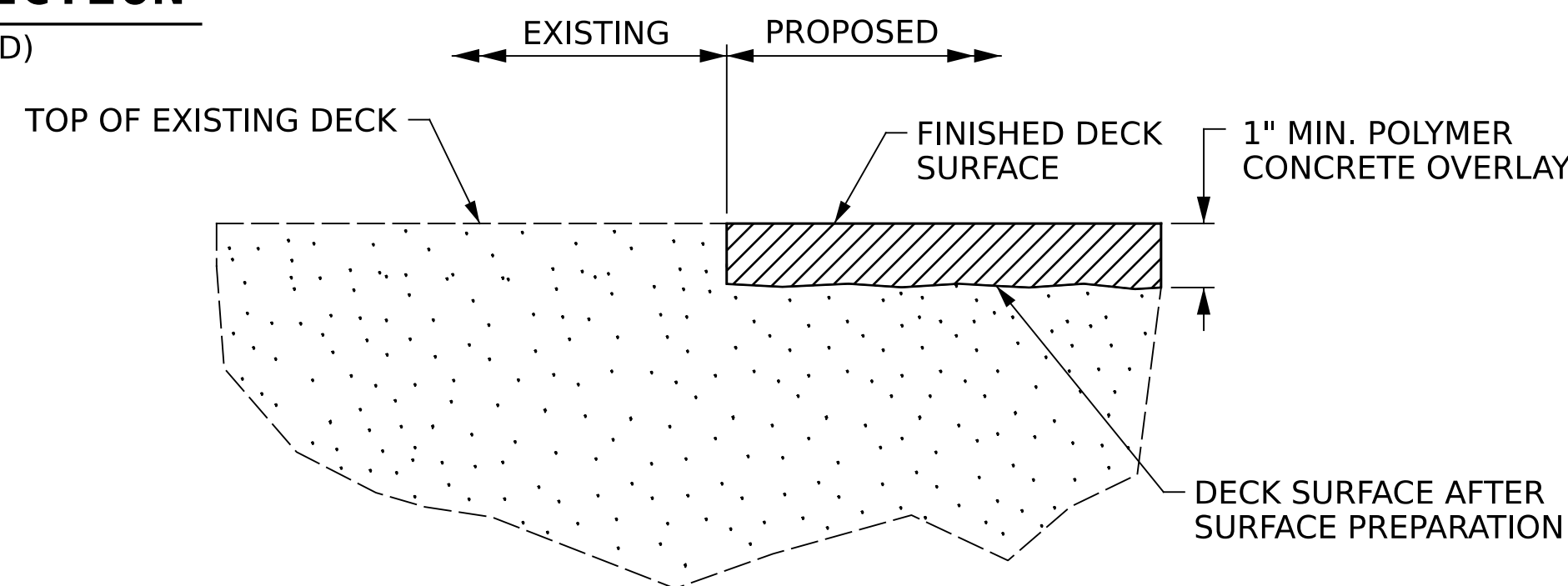
PROVIDE AND INSTALL A LOW MODULUS SILICONE SEALANT (NON-SAG OR SELF-LEVELING) WHICH CONFORMS TO ARTICLE 1028-3 OF THE STANDARD SPECIFICATIONS.

WITHIN 24 HOURS OF PLACEMENT OF THE PC OVERLAY, SAW THE CONTRACTION JOINT AFTER THE PC OVERLAY CAN SUPPORT THE WEIGHT OF THE EQUIPMENT AND OPERATOR WITHOUT DISTURBING THE FINAL FINISH OF THE OVERLAY.

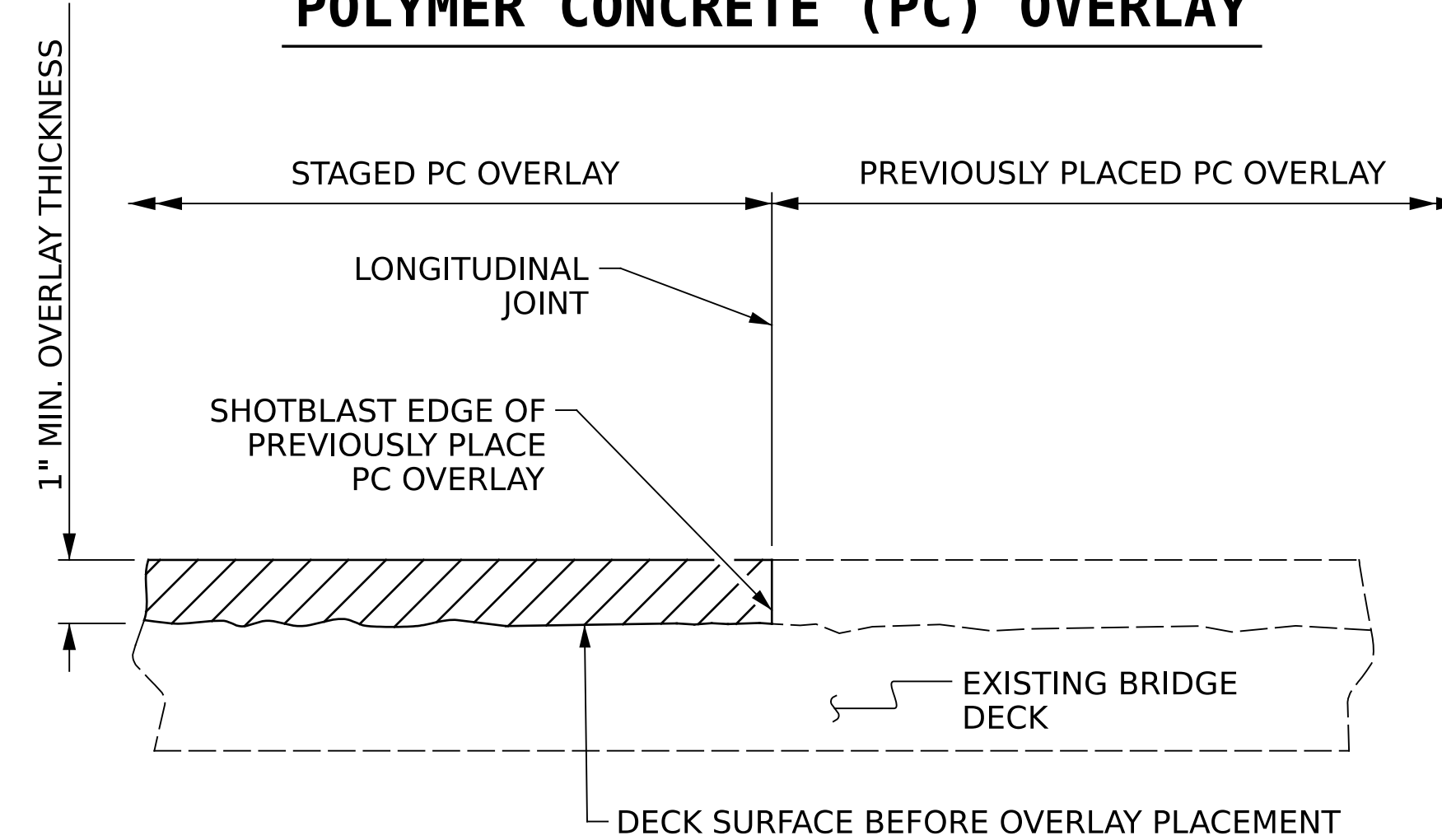
NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR FURNISHING AND INSTALLING SILICONE SEALANT. PAYMENT AT THE CONTRACT UNIT PRICES FOR THE VARIOUS PAY ITEMS WILL BE FULL COMPENSATION FOR ALL MATERIALS, EQUIPMENT, TOOLS, LABOR AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.

LIMITS OF SCARIFICATION, CONCRETE DECK REPAIR FOR PC OVERLAY, PC MATERIALS, PLACING AND FINISHING PC OVERLAY, CLASS II SURFACE PREPARATION, AND SHOTBLASTING BRIDGE DECK (SEE DECK REPAIR SHEETS)

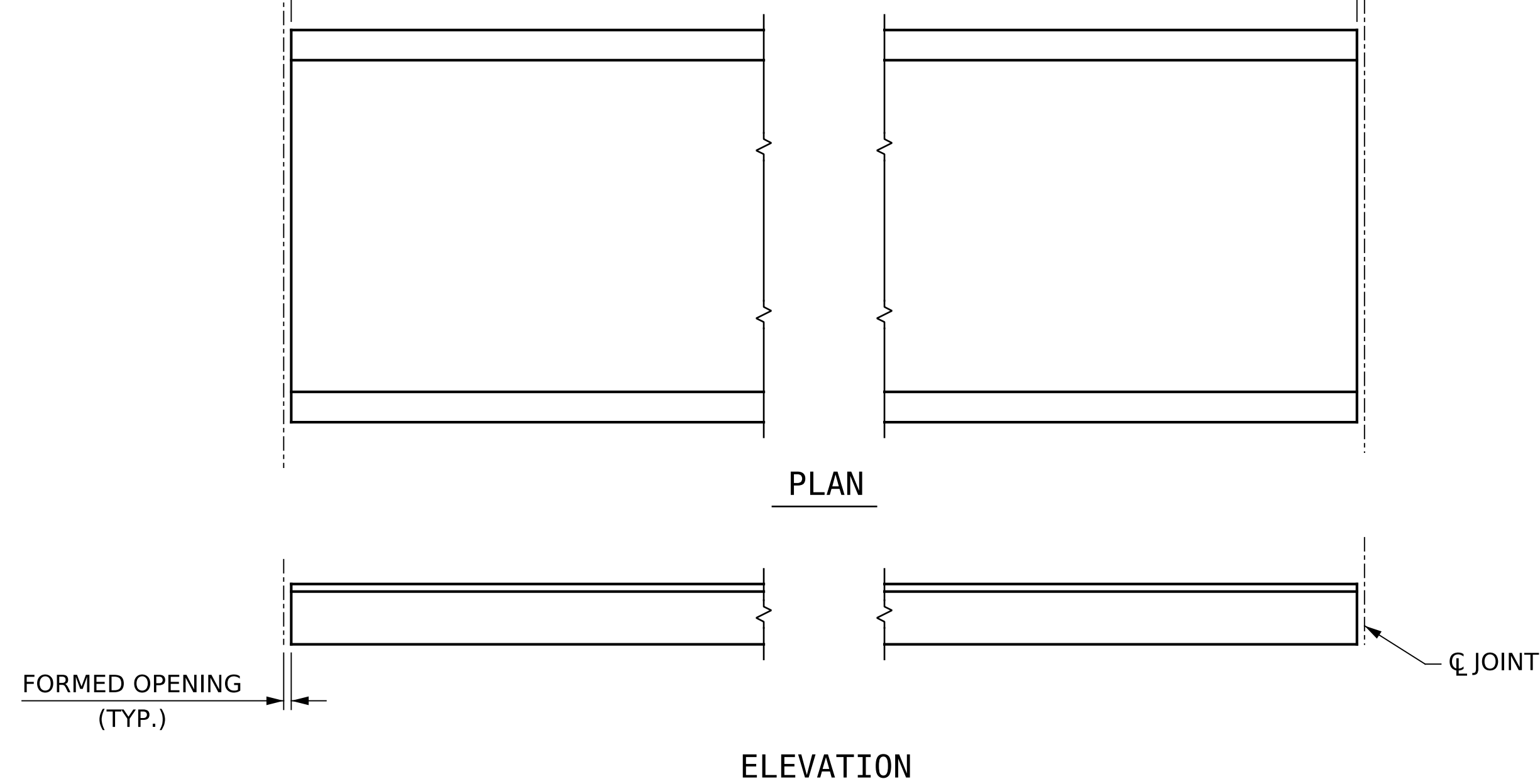
TYPICAL SECTION (PROPOSED)



DETAIL FOR POLYMER CONCRETE (PC) OVERLAY

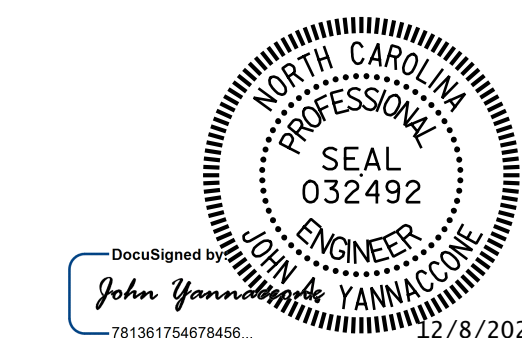


STAGED PC OVERLAY CONSTRUCTION JOINT



PAY LIMITS FOR OVERLAY BID ITEMS

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TYPICAL SECTION AND SURFACE PREPARATION DETAILS

DRAWN BY: R.L.PUTEK DATE: 08/2024
CHECKED BY: J.A.YANNACCONE DATE: 08/2024

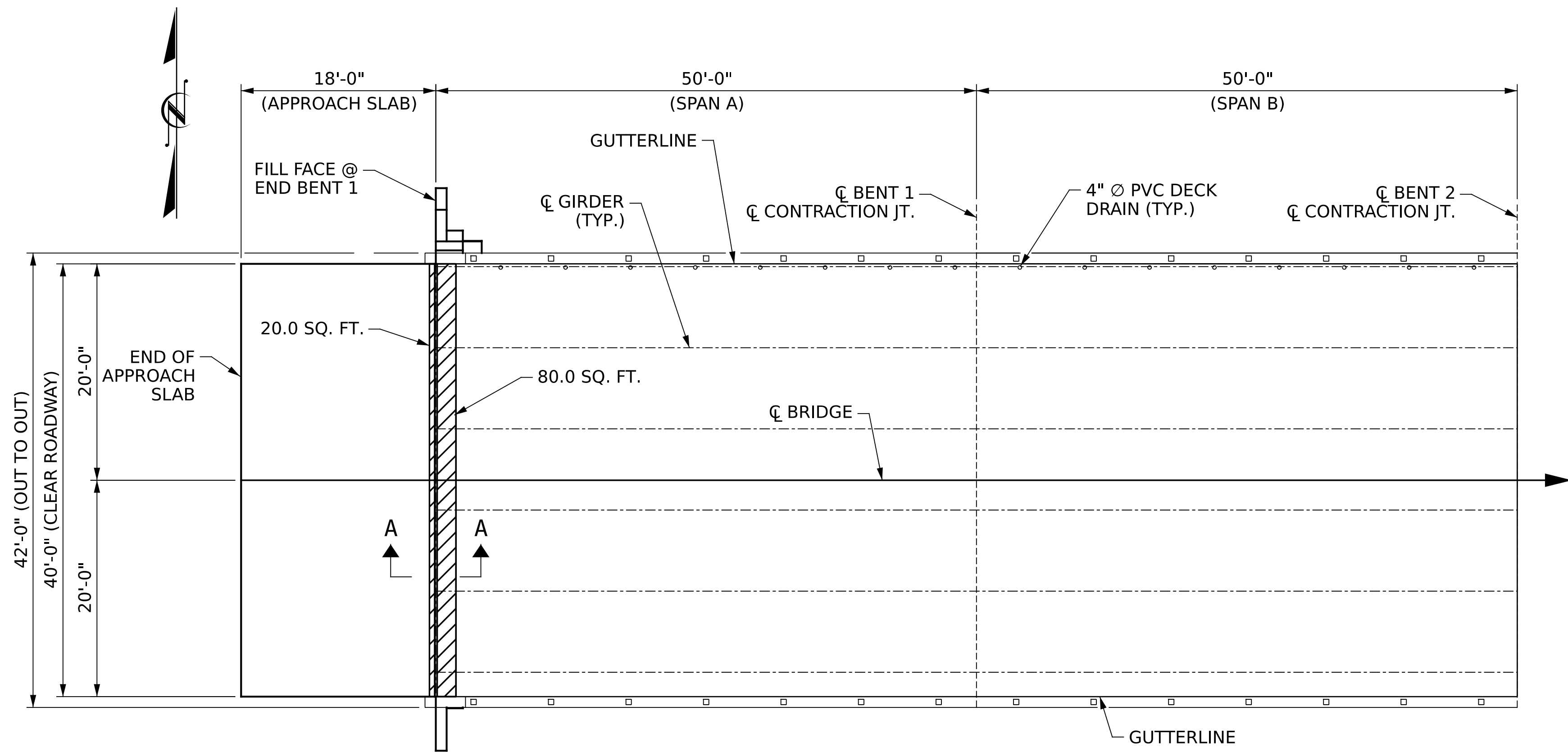


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APPROACH SLAB @ END BENT 1 SPAN A SPAN B

PLAN

AS-BUILT QUANTITY REPAIR TABLE			
DECK SURFACE REPAIR & APPROACH SLAB REPAIR			
		ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	APPROACH SLAB @ END BENT 1	79.5 SQ. YDS.	
	SPAN A	222.2 SQ. YDS.	
	SPAN B	222.2 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	APPROACH SLAB @ END BENT 1	79.5 SQ. YDS.	
	SPAN A	222.2 SQ. YDS.	
	SPAN B	222.2 SQ. YDS.	
CLASS II SURFACE PREPARATION	APPROACH SLAB @ END BENT 1	2.2 SQ. YDS.	
	SPAN A	8.5 SQ. YDS.	
	SPAN B	0.0 SQ. YDS.	
PC MATERIALS	APPROACH SLAB @ END BENT 1	2.8 CU. YDS.	
	SPAN A	7.7 CU. YDS.	
	SPAN B	7.7 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	APPROACH SLAB @ END BENT 1	79.5 SQ. YDS.	
	SPAN A	222.2 SQ. YDS.	
	SPAN B	222.2 SQ. YDS.	
GROOVING BRIDGE FLOORS	APPROACH SLAB @ END BENT 1	649 SQ. FT.	
	SPAN A	1838 SQ. FT.	
	SPAN B	1838 SQ. FT.	

NOTES

REPAIR LOCATIONS AND ESTIMATED QUANTITIES ARE GIVEN WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER WILL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATIONS AND DESCRIPTION OF THE REPAIRS AND ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE REPAIR QUANTITY TABLE.

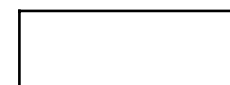

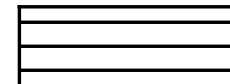
PAYMENT FOR CLASS II SURFACE PREPARATION IS BASED UPON SQUARE YARDS OF ADDITIONAL DEMOLITION REQUIRED FOLLOWING SCARIFICATION OF BRIDGE DECK, SEE OVERLAY SURFACE PREPARATION FOR POLYMER CONCRETE SPECIAL PROVISION.

CONCRETE COVER FOR TOP BARS IN DECK SLAB IS 1 1/2" PER EXISTING BRIDGE PLANS.

FOR SECTION A-A. SEE "FOAM JOINT SEAL DETAILS" SHEET.

FOR CONTRACTION JOINTS, SEE "TYPICAL SECTION AND SURFACE PREPARATION" SHEET.

AS-BUILT QUANTITY REPAIR TABLE					
DECK UNDERSIDE REPAIR					
SHOTCRETE REPAIRS		ESTIMATE		ACTUAL	
		AREA SF	VOLUME CF	AREA SF	VOLUME CF
UNDERSIDE OF DECK	SPAN A	0.0	0.0		
	SPAN B	0.0	0.0		
INTERIOR DIAPHRAGMS	SPAN A	0.0	0.0		
	SPAN B	0.0	0.0		
OVERHANG DIAPHRAGMS	SPAN A	0.0	0.0		
	SPAN B	0.0	0.0		
UNDERSIDE OF OVERHANG	SPAN A	0.0	0.0		
	SPAN B	0.0	0.0		
		ESTIMATE		ACTUAL	
UNDERSIDE EPOXY RESIN INJECTION	SPAN A	0.0 LIN.FT.			
	SPAN B	0.0 LIN.FT.			

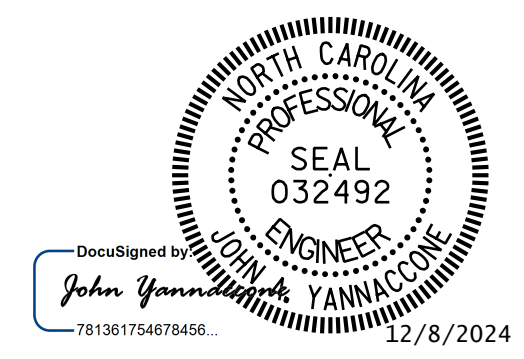
-  SCARIFICATION AND SHOTBLASTING OF BRIDGE DECK
-  CLASS II SURFACE PREPARATION
-  UNDERSIDE OF DECK SHOTCRETE REPAIRS

PROJECT NO. **HI-0018**
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SHEET 1 OF 2

STATE OF NORTH CAROLINA
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 RALEIGH

DECK REPAIRS
 SPAN A W/ APPROACH SLAB
 AND SPAN B



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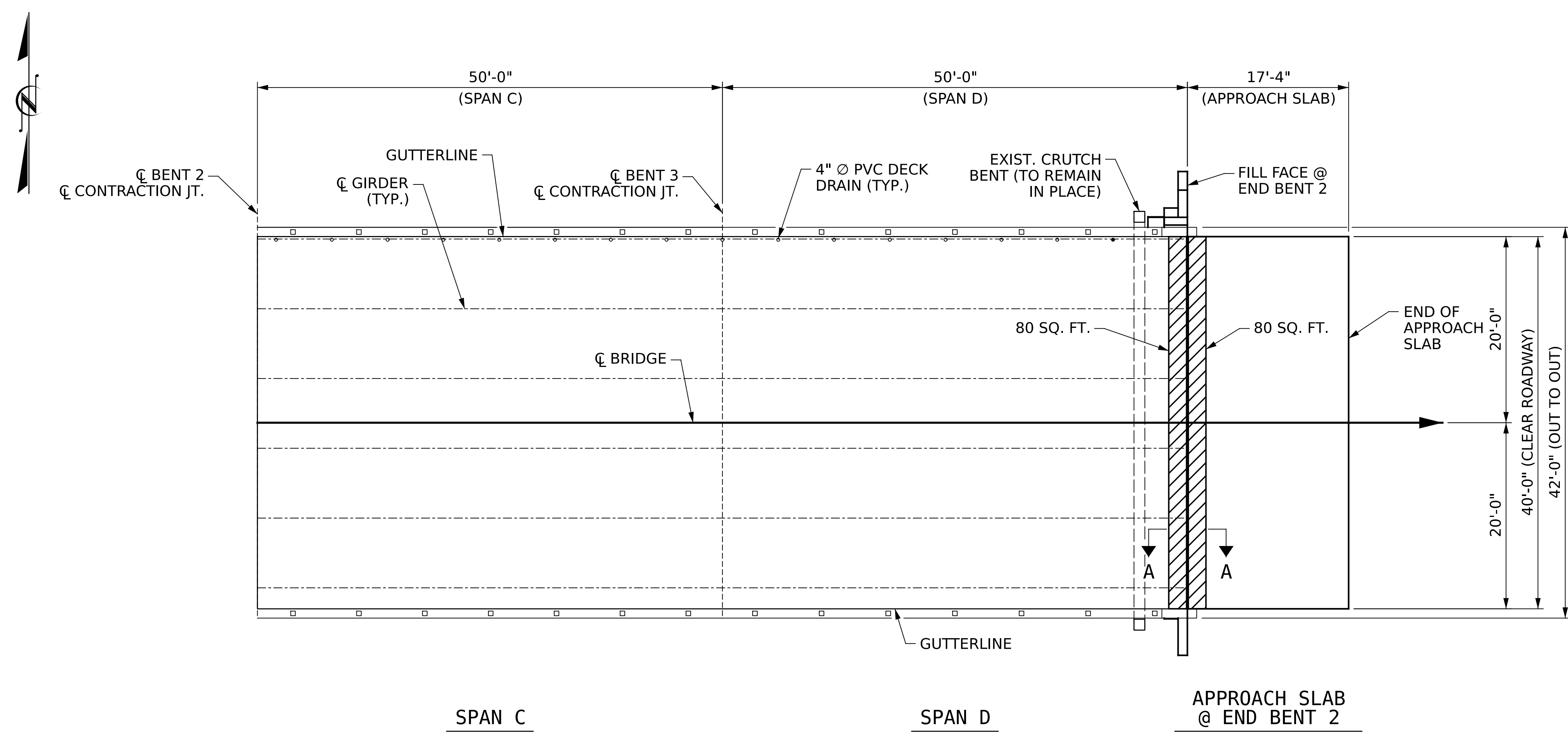


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PLAN

AS-BUILT QUANTITY REPAIR TABLE

DECK SURFACE REPAIR & APPROACH SLAB REPAIR

		ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	SPAN C	222.2 SQ. YDS.	
	SPAN D	222.2 SQ. YDS.	
	APPROACH SLAB @ END BENT 2	76.6 SQ. YDS.	
SHOTBLASTING BRIDGE DECK	SPAN C	222.2 SQ. YDS.	
	SPAN D	222.2 SQ. YDS.	
	APPROACH SLAB @ END BENT 2	76.6 SQ. YDS.	
CLASS II SURFACE PREPARATION	SPAN C	0.0 SQ. YDS.	
	SPAN D	8.9 SQ. YDS.	
	APPROACH SLAB @ END BENT 2	8.9 SQ. YDS.	
PC MATERIALS	SPAN C	7.7 CU. YDS.	
	SPAN D	7.7 CU. YDS.	
	APPROACH SLAB @ END BENT 2	2.7 CU. YDS.	
PLACING AND FINISHING PC OVERLAY	SPAN C	222.2 SQ. YDS.	
	SPAN D	222.2 SQ. YDS.	
	APPROACH SLAB @ END BENT 2	76.6 SQ. YDS.	
GROOVING BRIDGE FLOORS	SPAN C	1838 SQ. FT.	
	SPAN D	1838 SQ. FT.	
	APPROACH SLAB @ END BENT 2	625 SQ. FT.	

AS-BUILT QUANTITY REPAIR TABLE

DECK UNDERSIDE REPAIR

SHOTCRETE REPAIRS		ESTIMATE		ACTUAL	
		AREA SF	VOLUME CF	AREA SF	VOLUME CF
UNDERSIDE OF DECK	SPAN C	0.0	0.0		
	SPAN D	0.0	0.0		
INTERIOR DIAPHRAGMS	SPAN C	0.0	0.0		
	SPAN D	0.0	0.0		
OVERHANG DIAPHRAGMS	SPAN C	0.0	0.0		
	SPAN D	0.0	0.0		
UNDERSIDE OF OVERHANG	SPAN C	0.0	0.0		
	SPAN D	0.0	0.0		
		ESTIMATE		ACTUAL	
UNDERSIDE EPOXY RESIN INJECTION	SPAN C	0.0 LIN.FT.			
	SPAN D	0.0 LIN.FT.			

- SCARIFICATION AND SHOTBLASTING OF BRIDGE DECK
- CLASS II SURFACE PREPARATION
- UNDERSIDE OF SHOTCRETE REPAIRS

NOTES

REPAIR LOCATIONS AND ESTIMATED QUANTITIES ARE GIVEN WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER WILL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATIONS AND DESCRIPTION OF THE REPAIRS AND ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE REPAIR QUANTITY TABLE.

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CONCRETE COVER FOR TOP BARS IN DECK SLAB IS 1 1/2" PER EXISTING BRIDGE PLANS.

FOR SECTION A-A. SEE "FOAM JOINT SEAL DETAILS" SHEET.

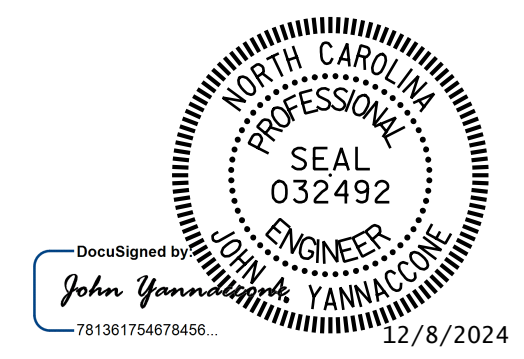
FOR CONTRACTION JOINTS, SEE "TYPICAL SECTION AND SURFACE PREPARATION" SHEET.

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DECK REPAIRS
 SPAN C AND SPAN D
 WITH APPROACH SLAB



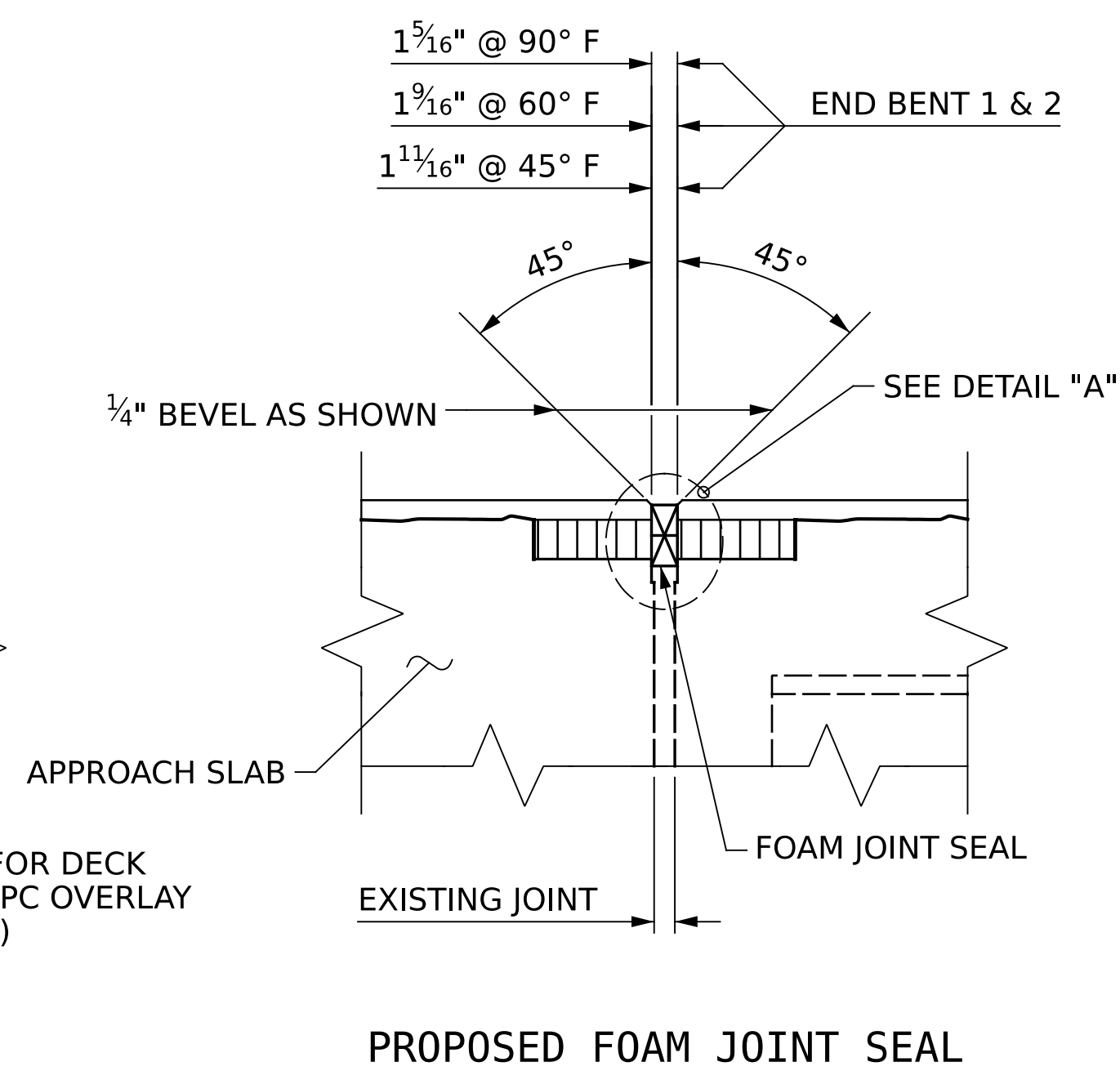
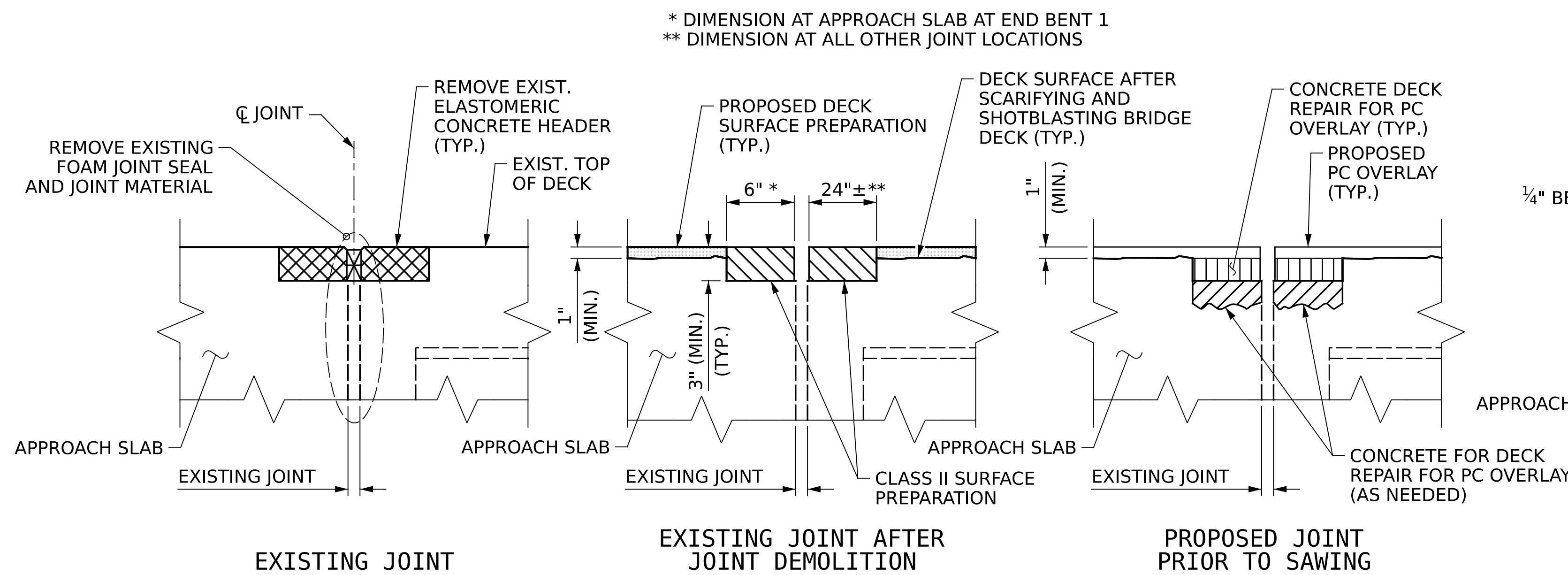
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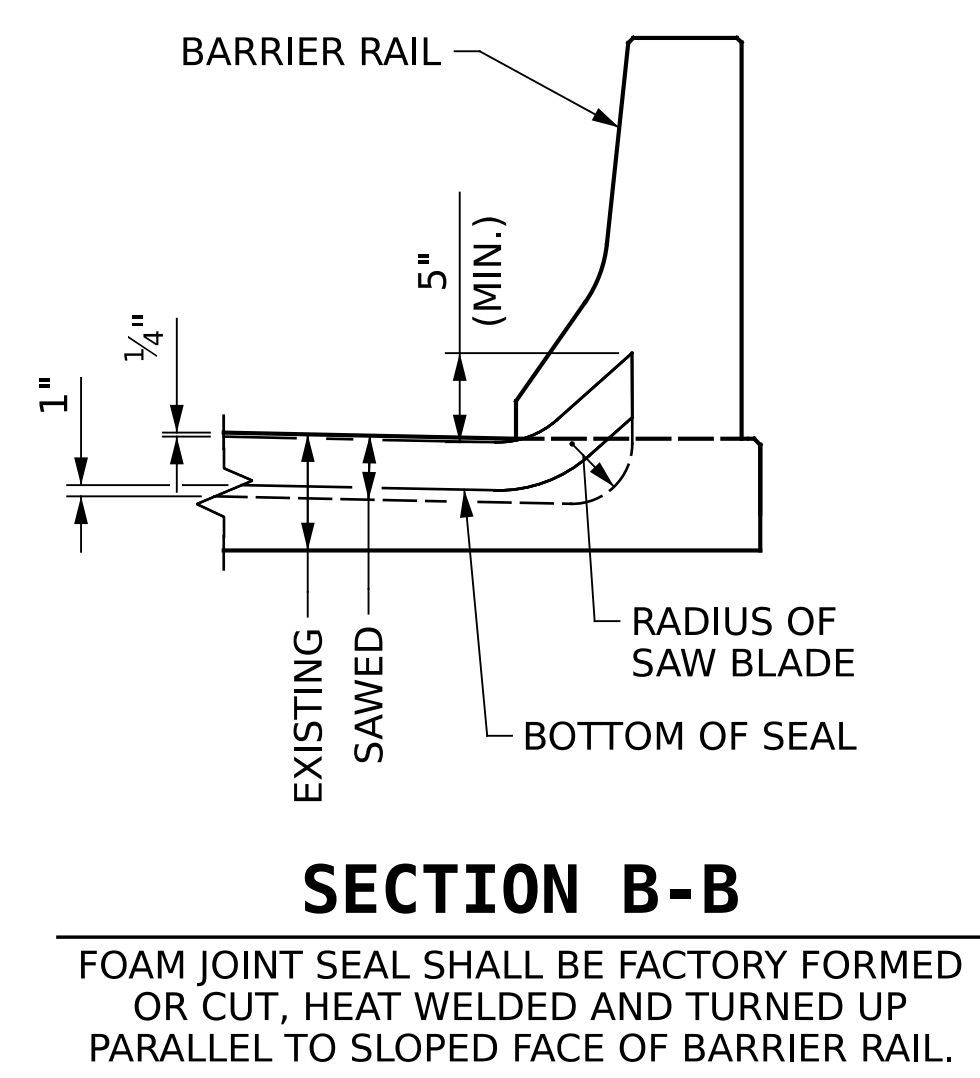
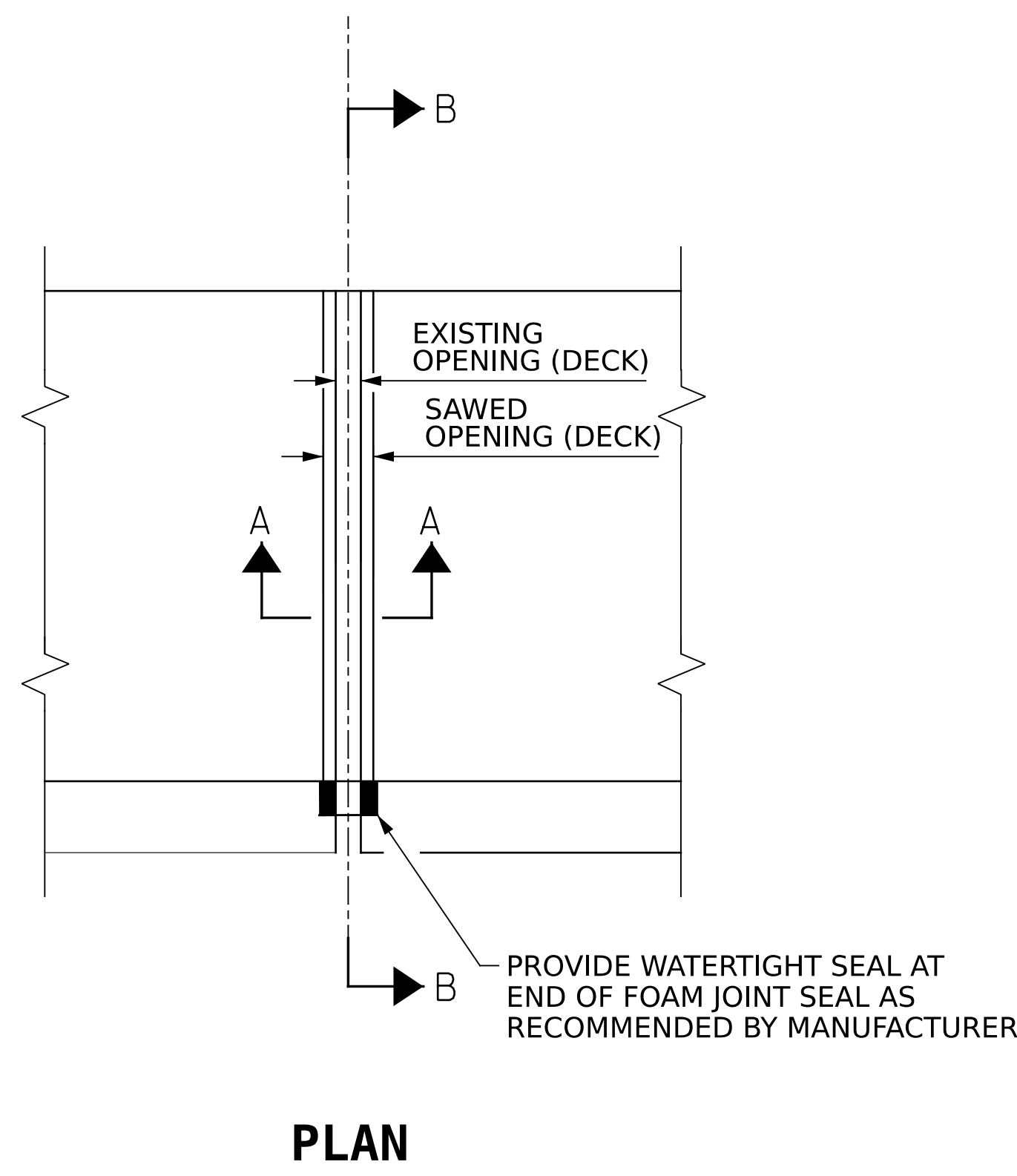
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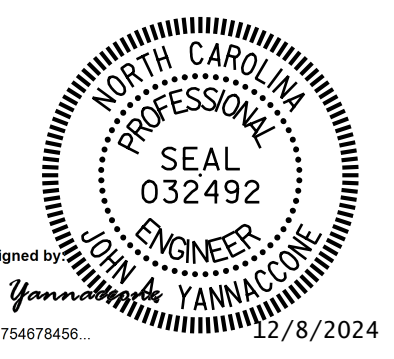


NOTES:

- FINAL JOINT SEALS SHALL NOT BE INSTALLED UNTIL THE OVERLAY OR SEALANT WORK IS COMPLETE.
- THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING JOINT OPENING PRIOR TO ORDERING JOINT SEAL MATERIAL. IF THE ACTUAL JOINT OPENING VARIES FROM THE OPENING INDICATED IN THE DETAILS BY MORE THAN 1/4", NOTIFY THE ENGINEER.
- 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 ACCOMMODATE THE MINIMUM EXPANSION SHOWN ON THE PLANS.
- FOAM JOINTS SHALL BE INSTALLED AS PER THE MANUFACTURER'S RECOMMENDATIONS.
- THE CONTRACTOR SHALL TAKE CARE DURING JOINT REHAB OPERATIONS NOT TO DROP ANY MATERIAL 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 JOINT IN LIEU OF SAWING THE JOINT.
- THE INSTALLED FOAM JOINTS SHALL BE WATERTIGHT.
- THE CONTRACTOR SHALL SAW CUT TO A NOMINAL DEPTH OF 1/2" BUT REINFORCING STEEL SHALL NOT BE DAMAGED. CONTRACTOR SHALL REMOVE SURFACE CONCRETE TO VERIFY THAT SAWCUT DEPTH WILL NOT DAMAGE EXISTING REINFORCING STEEL.
- FOR EXCAVATION BELOW THE BOTTOM OF PLANNED CLASS II SURFACE PREPARATION, CONCRETE FOR DECK REPAIR FOR PC OVERLAY SHALL BE PLACED IN THE EXCAVATED AREA TO THE ELEVATION AT THE BOTTOM OF THE PROPOSED PC OVERLAY.
- FOR CLASS II SURFACE PREPARATION, SEE OVERLAY SURFACE PREPARATION FOR POLYMER CONCRETE SPECIAL PROVISION.
- FOR CONCRETE DECK REPAIR FOR PC OVERLAY, SEE POLYMER CONCRETE BRIDGE DECK OVERLAY SPECIAL PROVISION.
- FOR FOAM JOINT SEALS FOR PRESERVATION, SEE SPECIAL PROVISIONS.
- ALL EXISTING ELASTOMERIC CONCRETE SHALL BE REMOVED. THE DEPTH SHOWN IN THE DETAILS FOR CLASS II SURFACE PREPARATION AT THE EXISTING JOINT IS THE MINIMUM DEPTH REQUIRED.



AS-BUILT SUMMARY OF QUANTITIES			
ITEM	LOCATION	ESTIMATED	ACTUAL
FOAM JOINT SEALS FOR PRESERVATION	END BENT 1	41.0 LIN.FT.	
	END BENT 2	41.0 LIN.FT.	
CONCRETE DECK REPAIR FOR PC OVERLAY	END BENT 1	10.8 SQ.YDS.	
	END BENT 2	17.8 SQ.YDS.	



PROJECT NO. **HI-0018**
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**FOAM JOINT SEAL
 DETAILS**

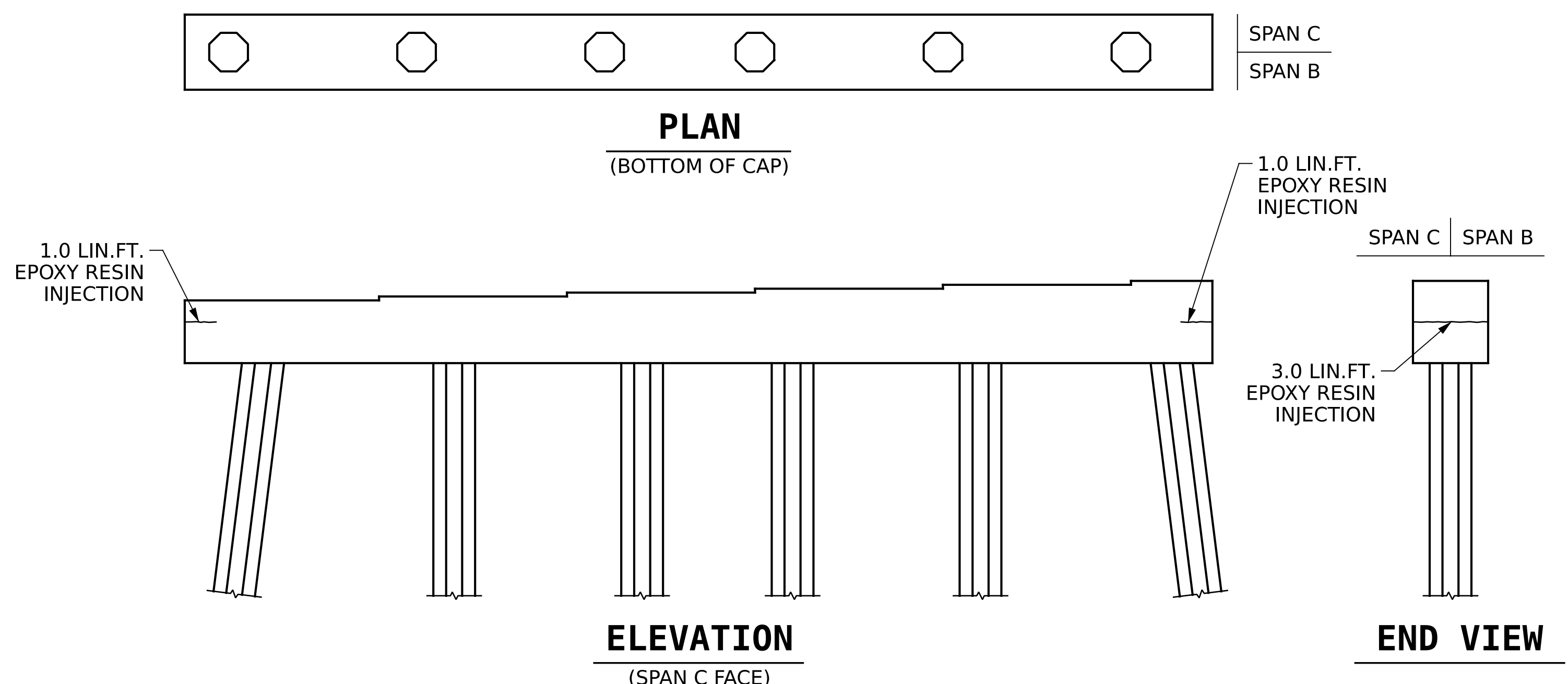
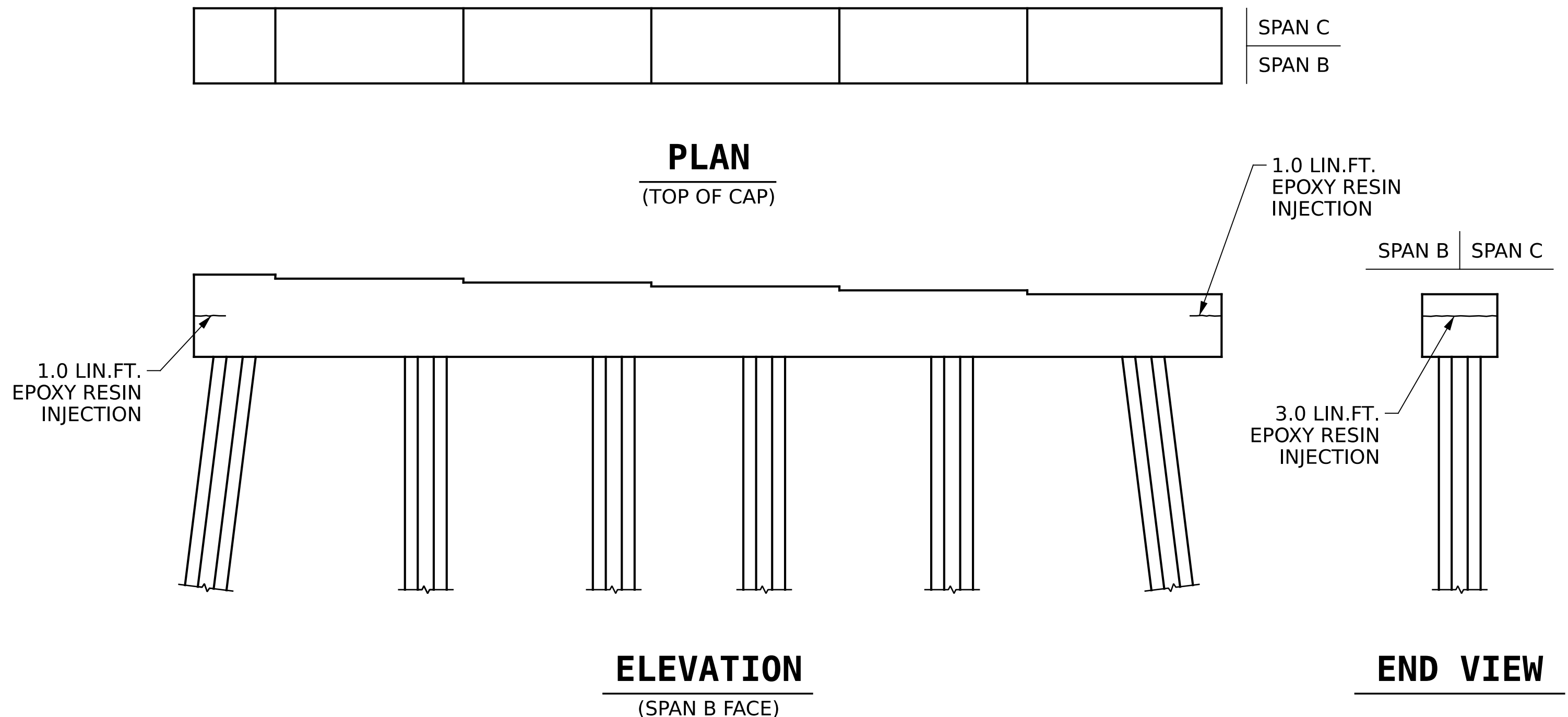
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AS-BUILT REPAIR QUANTITY TABLE

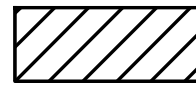
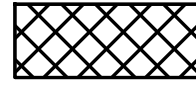

REPAIRS - BENT 2	QUANTITIES			
	ESTIMATE		ACTUAL	
SHOTCRETE REPAIRS	AREA SF	VOLUME CF	AREA SF	VOLUME CF
CAP	0	0		
COLUMN	0	0		
CONCRETE REPAIRS	AREA SF	VOLUME CF	AREA SF	VOLUME CF
CAP	0	0		
COLUMN	0	0		
EPOXY RESIN INJECTION		LIN. FT.		LIN. FT.
CAP		10.0		
COLUMN		0		
EPOXY COATING		AREA SF		AREA SF
CAP		0		

VALUES IN CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MIN. OF 1" BEHIND REBAR AND MIN. 1" CLEAR TO SAWCUT. SEE REPAIR DETAILS, SEE "TYPICAL CAP AND COLUMN REPAIR DETAILS" SHEET.

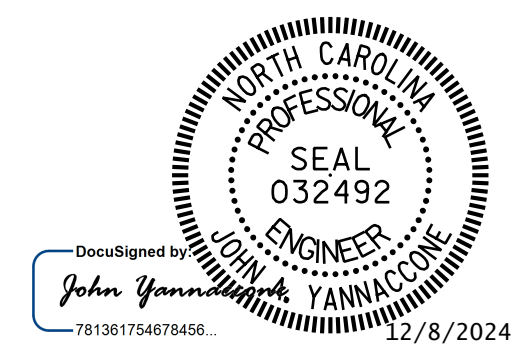
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REPAIR LOCATIONS AND ESTIMATE OF QUANTITIES ARE GIVEN BASED ON THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER SHALL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THE REPAIRS AND ENTER THE ACTUAL QUANTITIES INTO THE REPAIR QUANTITY TABLE.

FOR EPOXY RESIN INJECTION, SEE SPECIAL PROVISIONS.

-  SHOTCRETE REPAIR
-  CONCRETE REPAIR (FORM & POUR)
-  EPOXY RESIN INJECTION

PROJECT NO. **HI-0018**
COLUMBUS COUNTY
 BRIDGE NO. **230054**



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**SUBSTRUCTURE REPAIR
 BENT 2**

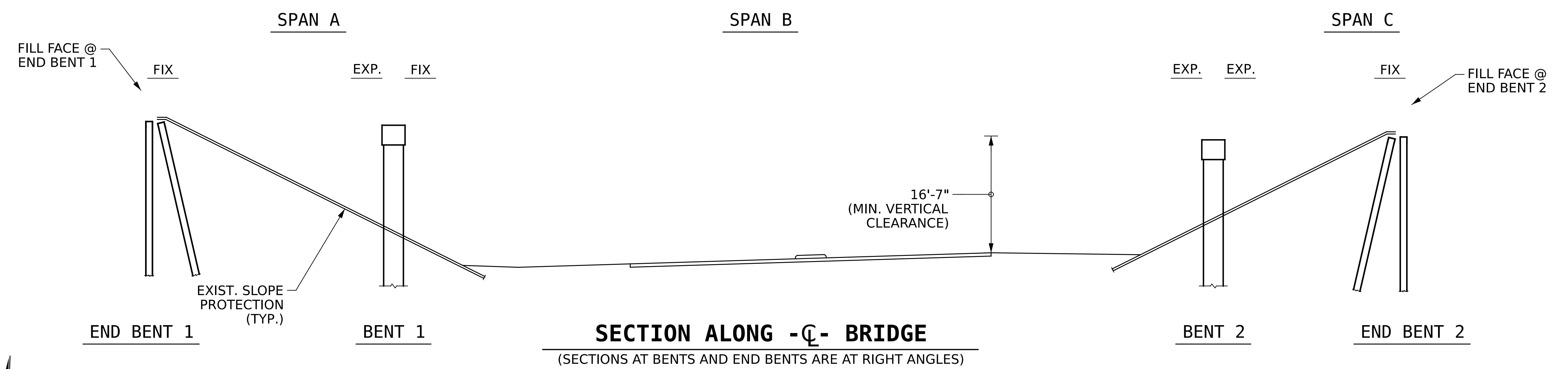
DRAWN BY : **R.L.PUTEK** DATE : **08/2024**
 CHECKED BY : **J.A.YANNACCONI** DATE : **08/2024**



One Glenwood Avenue
 Suite 300
 Raleigh, NC 27603
 919-420-7660
 NC Lic. No. F-0270

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			79
2			4			

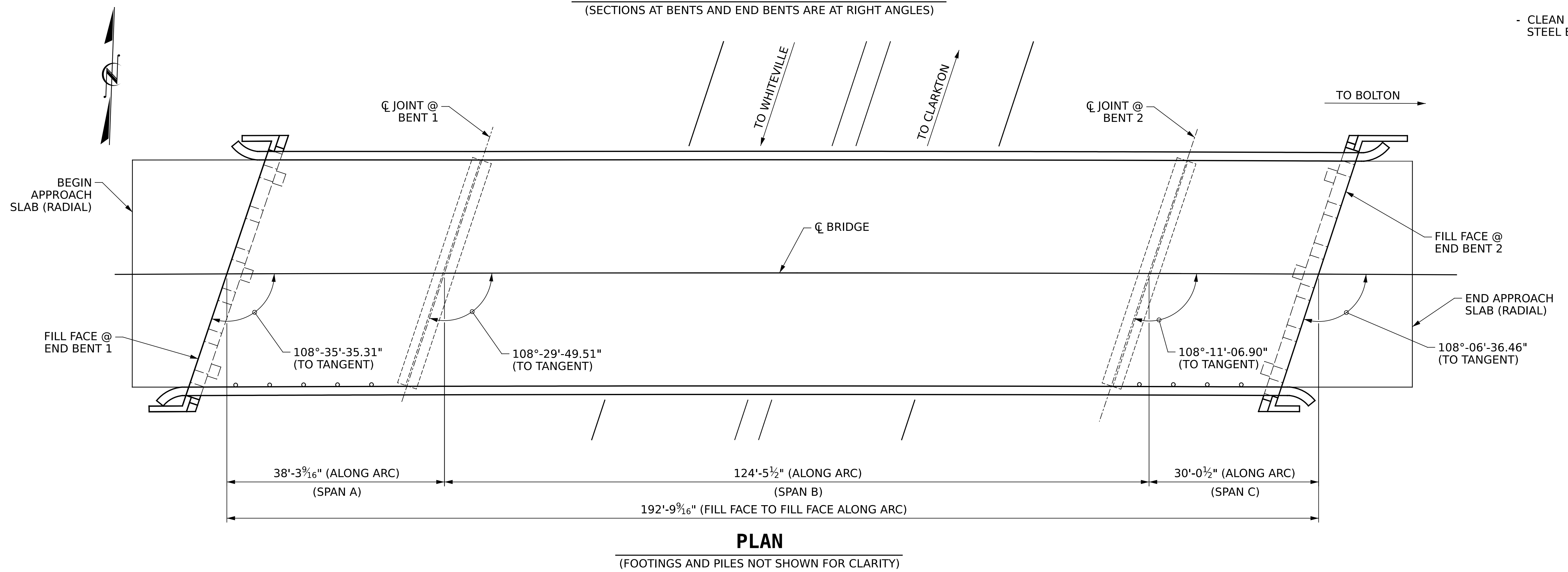


NOTES:

GENERAL DRAWING INFORMATION IS TAKEN FROM THE ORIGINAL PLANS AND THE ROUTINE INSPECTION REPORT DATED 09/26/2023.

BRIDGE ORIENTATION CONFORMS TO THE EXISTING BRIDGE PLANS AND ROUTINE INSPECTION REPORT.

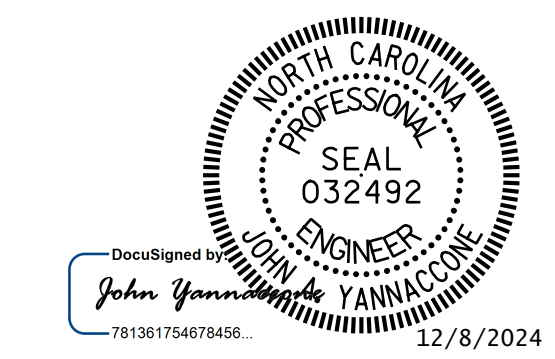
- SCOPE OF WORK:**
- PARTIALLY REMOVE TOP OF BRIDGE DECK CONCRETE BY SCARIFICATION AND SHOTBLASTING METHODS.
 - OVERLAY PREPARED TOP OF BRIDGE DECK WITH POLYMER CONCRETE (PC).
 - REMOVE EXISTING JOINT MATERIAL AND INSTALL FOAM JOINTS.
 - REPLACE EXISTING JOINT GLAND OF EXPANSION JOINT SEALS.
 - GROOVE PC BRIDGE DECK.
 - CLEAN AND PAINT EXISTING STRUCTURAL WEATHERING STEEL BEAMS.



PROJECT NO. **HI-0018**
COLUMBUS COUNTY
 BRIDGE NO. **230381**
 SHEET 1 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING
 FOR BRIDGE ON
 US 74 - US 76 BYP EBL
 OVER SR 1700 (RED HILL ROAD)



I HEREBY CERTIFY THAT THIS STRUCTURE WAS REHABILITATED ACCORDING TO THESE PLANS OR AS NOTED HEREIN.

RESIDENT ENGINEER _____ DATE _____



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS				SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
TOTAL SHEETS					79

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