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QUANTITIES IN TABLE REPRESENT ESTIMATED VALUES OF CLASS II SURFACE PREPARATION AND CONCRETE DECK REPAIR FOR POLYMER OVERLAY AFTER REMOVAL OF UNSOUND CONCRETE (MIN. 2" CLEAR TO SAW CUT). SEE OVERLAY SURFACE PREPARATION FOR POLYMER CONCRETE SPECIAL PROVISION.

CLASS II SURFACE PREPARATION

UNDERSIDE REPAIR

AS-BUILT REPAIR QUANTITY TABLE

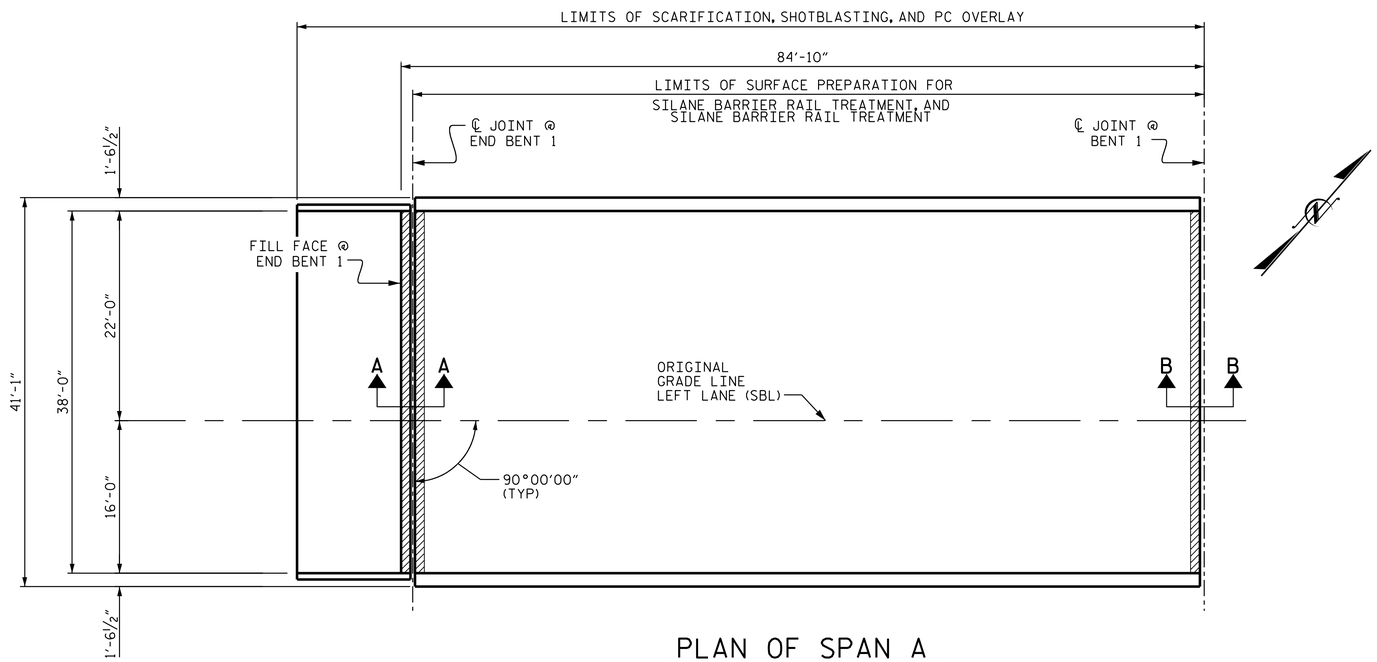
TOP OF DECK REPAIRS

APPROACH SLAB AT END BENT 1	ESTIMATE		ACTUAL	SPAN A	ESTIMATE		ACTUAL
SCARIFYING BRIDGE DECK	50.7	SY		SCARIFYING BRIDGE DECK	353.8	SY	
SHOTBLASTING OF BRIDGE DECK	50.7	SY		SHOTBLASTING OF BRIDGE DECK	353.8	SY	
CLASS II SURFACE PREPARATION	2.1	SY		CLASS II SURFACE PREPARATION	4.2	SY	
EPOXY RESIN INJECTION	0.0	LF		EPOXY RESIN INJECTION	0.0	LF	
GROOVING BRIDGE FLOORS	414.2	SF		GROOVING BRIDGE FLOORS	2921.0	SF	
CONCRETE DECK REPAIR FOR PC OVERLAY	2.1	SY		CONCRETE DECK REPAIR FOR PC OVERLAY	4.2	SY	
POLYMER CONCRETE MATERIALS	1.4	CY		POLYMER CONCRETE MATERIALS	9.8	CY	
PLACING AND FINISHING POLYMER CONCRETE OVERLAY	50.7	SY		PLACING AND FINISHING POLYMER CONCRETE OVERLAY	353.8	SY	
SURFACE PREPARATION FOR SILANE BARRIER RAIL TREATMENT	0.0	SF		SURFACE PREPARATION FOR SILANE BARRIER RAIL TREATMENT	586.5	SF	
SILANE BARRIER RAIL TREATMENT	0.0	SF		SILANE BARRIER RAIL TREATMENT	586.5	SF	

UNDERSIDE OF DECK REPAIRS

SHOTCRETE REPAIRS	ESTIMATE		ACTUAL	
	AREA SF	VOLUME CF	AREA SF	VOLUME CF
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG DIAPHRAGMS	0.0	0.0		
UNDERSIDE OF OVERHANG	0.0	0.0		
INTERIOR DIAPHRAGMS	0.0	0.0		

	ESTIMATE		ACTUAL
UNDERSIDE EPOXY RESIN INJECTION	0.0	LF	



PLAN OF SPAN A

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 AS-BUILT REPAIR QUANTITY TABLE.

FOR SECTIONS A-A AND B-B, SEE "JOINT REPAIR DETAILS" SHEET.

PROJECT NO. 15BPR.130
CHATHAM COUNTY
BRIDGE NO. 180007

SHEET 1 OF 6

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE PLAN OF SPAN A

LEFT LANE (SBL)

NORTH CAROLINA PROFESSIONAL SEAL 025516 ENGINEER EMILY E. MURRAY

DocuSigned by: Emily E. Murray
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4/24/2024

VOLKERT
5430 Wade Park Blvd., Suite 410
Raleigh, NC 27607
Tel. 919-854-0344 Fax. 919-854-0355
NC License No. F-0765

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1			3			TOTAL SHEETS
2			4			156

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CHECKED BY : D.GLADDEN DATE : 2/2023

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brent.barnhill AT C-1001568