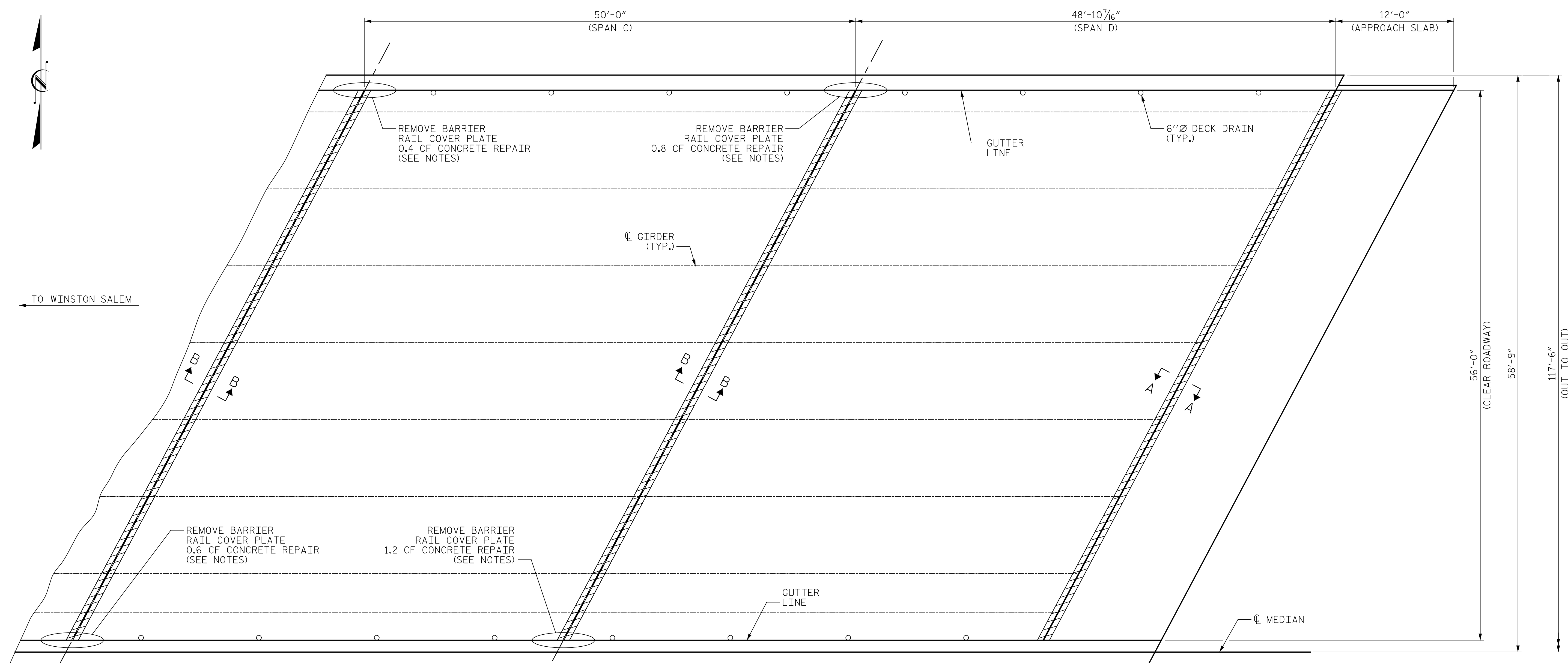


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PLAN

- FINE MILLING AND SHOTBLASTING OF BRIDGE DECK
- CLASS II SURFACE PREPARATION
- UNDERSIDE OF DECK REPAIR

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 FINE MILLING OF BRIDGE DECK, SEE "OVERLAY SURFACE PREPARATION FOR POLYMER CONCRETE" SPECIAL PROVISION.

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

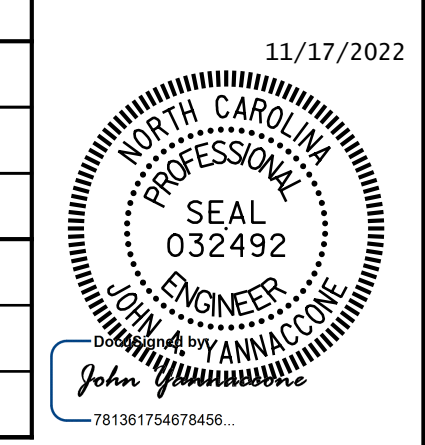
FOR SECTION A-A AND B-B, SEE "FOAM JOINT SEALS" SHEET.

AFTER REMOVAL OF THE BARRIER RAIL COVER PLATE, FILL THE RECESS IN THE BARRIER WITH A POLYMER MODIFIED CEMENT MORTAR CONFORMING TO THE CONCRETE REPAIR SPECIAL PROVISION. SHAPE THE SURFACE OF THE REPAIR TO CONFORM TO THE GEOMETRY OF THE BARRIER RAIL.

REPAIR QUANTITY TABLE														
UNDERSIDE OF DECK REPAIR					TOP OF DECK REPAIR									
SHOTCRETE REPAIRS		ESTIMATE		ACTUAL		FINE MILLING		ESTIMATE	ACTUAL	PLACING AND FINISHING PC OVERLAY		ESTIMATE	ACTUAL	
		AREA SF	VOLUME CF	AREA SF	VOLUME CF									SPAN C
UNDERSIDE OF DECK	SPAN C	0.0	0.0			CLASS II SURFACE PREPARATION	SPAN C	310.5 SY		GROOVING BRIDGE FLOORS	SPAN C	310.5 SY		
	SPAN D	0.0	0.0				SPAN D	303.2 SY			SPAN D	2565 SF	2502 SF	
	APP. SLAB @ EB2						APP. SLAB @ EB2	71.1 SY			APP. SLAB @ EB2	556 SF		
OVERHANG DIAPHRAGMS	SPAN C	0.0	0.0			PC MATERIALS	SPAN C	7.0 SY		CONCRETE REPAIR	SPAN C	2.0 CF		
	SPAN D	0.0	0.0				SPAN D	7.0 SY			SPAN D	1.0 CF		
	APP. SLAB @ EB2						APP. SLAB @ EB2	3.5 SY			APP. SLAB @ EB2	0.0 CF		
UNDERSIDE OF OVERHANG	SPAN C	0.0	0.0				SPAN C	10.8 CY						
	SPAN D	0.0	0.0				SPAN D	10.5 CY						
	APP. SLAB @ EB2						APP. SLAB @ EB2	2.5 CY						
INTERIOR DIAPHRAGMS	SPAN C	0.0	0.0											
	SPAN D	0.0	0.0											
				ESTIMATE	ACTUAL									
UNDERSIDE EPOXY RESIN INJECTION	SPAN C		0.0 LF											
	SPAN D		0.0 LF											

PROJECT NO. I-5955
 GUILFORD COUNTY
 BRIDGE NO. 400357

SHEET 4 OF 4



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

PLAN OF SPANS
 SPAN C AND D
 AND APPROACH SLAB
 WEST BOUND

DRAWN BY: J. MYA DATE: 10/2022
 CHECKED BY: J. YANNACCONE DATE: 10/2022



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S11-7
2			4			TOTAL SHEETS 127