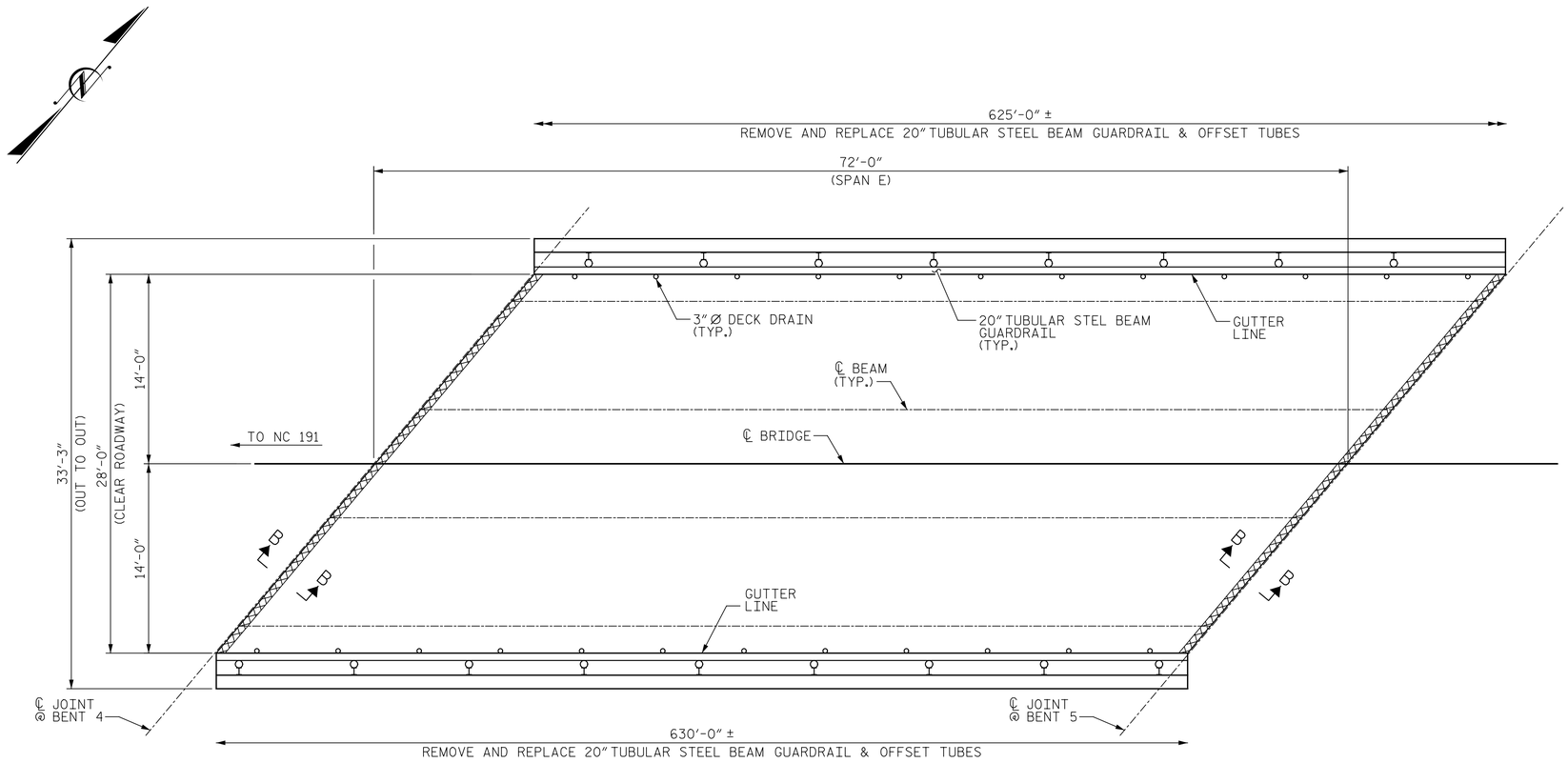

SPAN E

REPAIR QUANTITY TABLE

TOP OF DECK REPAIR

	ESTIMATE	ACTUAL
FINE MILLING	224 SY	
HYDRO-DEMOLITION OF BRIDGE DECK	224 SY	
CLASS II SURFACE PREPARATION	0.0 SY	
CLASS III SURFACE PREPARATION	0.0 SY	
LATEX MODIFIED CONCRETE - VES OVERLAY	16.3 CY	
PLACING & FINISHING LMC - VES OVERLAY	224 SY	
BRIDGE JOINT DEMOLITION	37 SF	
GROOVING BRIDGE FLOORS	1754 SF	

UNDERSIDE OF DECK REPAIR

SHOTCRETE REPAIRS	ESTIMATE AREA SF	ESTIMATE VOLUME CF	ACTUAL AREA SF	ACTUAL 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	

VALUES IN CHART REPRESENT ESTIMATED UNDERSIDE OF DECK REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MINIMUM OF 1" BEHIND REBAR AND MINIMUM 2" CLEAR TO SAWCUT. FOR REPAIR DETAILS, SEE "OVERHANG UNDERSIDE REPAIR DETAILS" SHEET.

PAYMENT FOR CLASS II AND CLASS III SURFACE PREPARATION IS BASED ON THE SQUARE YARDS OF ADDITIONAL DEMOLITION REQUIRED FOLLOWING HYDRO-DEMOLITION OF THE BRIDGE DECK. SEE "OVERLAY SURFACE PREPARATION" SPECIAL PROVISION.

- BRIDGE JOINT DEMOLITION
- APPROX. CLASS II SURFACE PREPARATION
- APPROX. CLASS III SURFACE PREPARATION
- UNDERSIDE OF DECK/OVERHANG REPAIR
- ERI — EPOXY RESIN INJECTION

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.

CONCRETE COVER FOR TOP BARS IN THE DECK SLAB IS 1 7/16" PER THE EXISTING BRIDGE PLANS.

FOR SECTION B-B, SEE "JOINT DETAILS" SHEET.

FOR FINE MILLING, SEE SPECIAL PROVISIONS.

THE CONTRACTOR SHALL REMOVE AND REPLACE THE 20" TUBULAR STEEL BEAM GUARDRAIL. THE ENGINEER WILL SELECT THOSE SECTIONS OF THE EXISTING GUARDRAIL SUITABLE FOR FUTURE USE AND TRANSPORT THEM TO A STOCKPILE FOR THE USE OF THE DEPARTMENT. THE REMAINING GUARDRAIL SECTIONS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PROJECT.

FOR DIMENSIONS OF TUBULAR BEAM GUARDRAIL, POSTS AND TUBES, SEE "TUBULAR BEAM GUARDRAIL DETAILS" SHEET.

PROJECT NO. I-5889B
BUNCOMBE COUNTY
BRIDGE NO. 100356
SHEET 5 OF 8

NORTH CAROLINA PROFESSIONAL SEAL 020208 ENGINEER ERIC B. NELSON JR.

DocuSigned by: Eric B. Nelson Jr. 7/25/2022
AC8B0B2119D74CD...

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

PLAN OF SPANS
SPAN E

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DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS							SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:		S6-8
1			3				TOTAL SHEETS
2			4				133

DRAWN BY : J. HARRIS DATE : 6/2022
CHECKED BY : J. YANNACCONE DATE : 6/2022

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