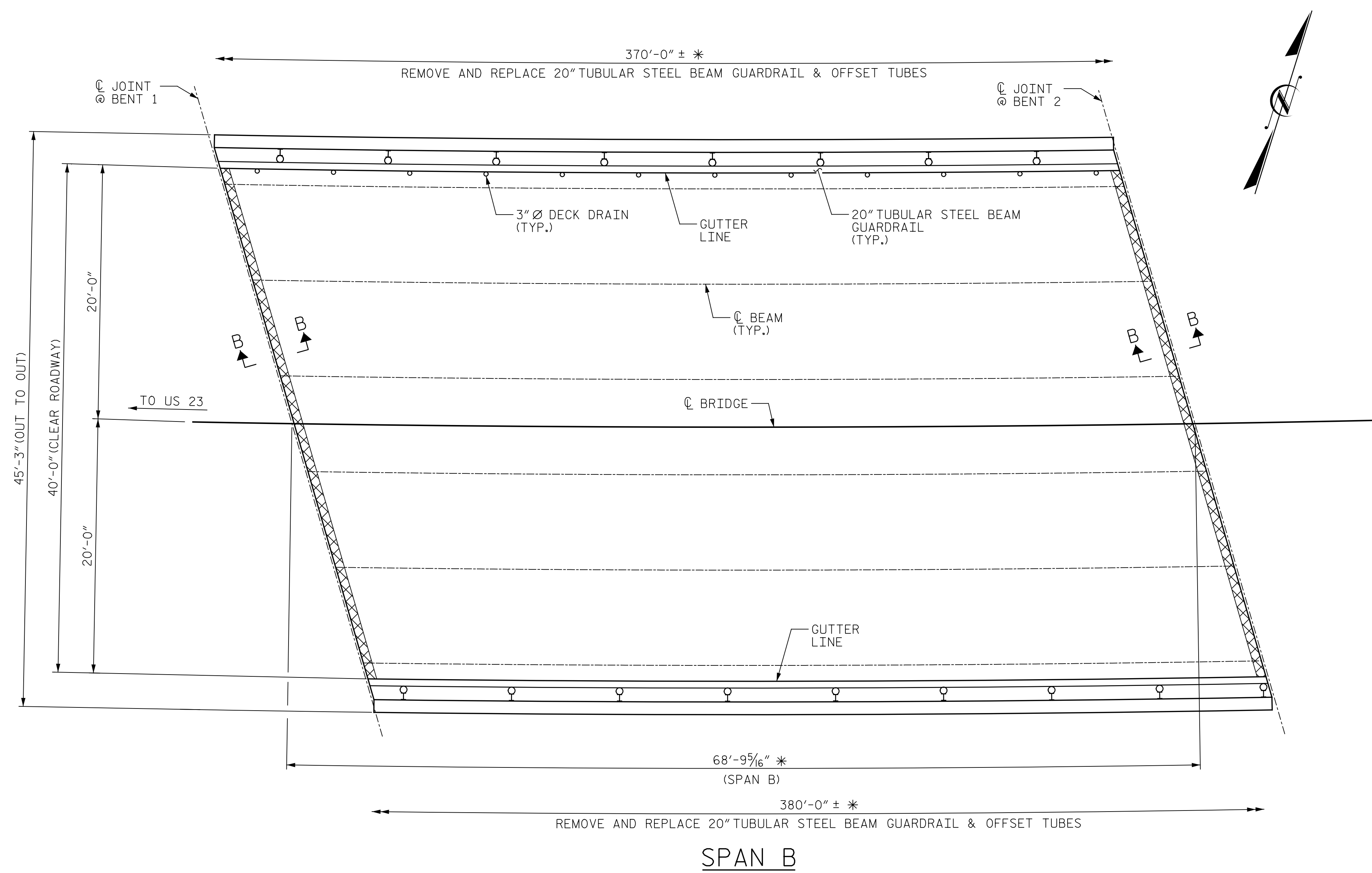


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* DIMENSIONS MEASURED ALONG ARC

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.

DRAWN BY : M. LEE/J. MYA DATE : 6/2022
 CHECKED BY : J. YANACCONO DATE : 6/2022



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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

| REPAIR QUANTITY TABLE | | | | |
|---------------------------------------|----------|-----------|---------|-----------|
| TOP OF DECK REPAIR | | | | |
| | ESTIMATE | ACTUAL | | |
| FINE MILLING | 305 SY | | | |
| HYDRO-DEMOLITION OF BRIDGE DECK | 305 SY | | | |
| CLASS II SURFACE PREPARATION | 0.0 SY | | | |
| CLASS III SURFACE PREPARATION | 0.0 SY | | | |
| LATEX MODIFIED CONCRETE - VES OVERLAY | 22.3 CY | | | |
| PLACING & FINISHING LMC - VES OVERLAY | 305 SY | | | |
| BRIDGE JOINT DEMOLITION | 41 SF | | | |
| GROOVING BRIDGE FLOORS | 2490 SF | | | |
| UNDERSIDE OF DECK REPAIR | | | | |
| 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 | | | |

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

PROJECT NO. I-5889B
BUNCOMBE COUNTY
 BRIDGE NO. 100347

SHEET 2 OF 5

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**PLAN OF SPANS
 SPAN B**

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

S4-5