REPAIR QUANTITY TABLE 210'-0" ± REMOVE AND REPLACE 20"TUBULAR STEEL BEAM GUARDRAIL & OFFSET TUBES TOP OF DECK REPAIR 66′-0″ ESTIMATE ACTUAL (SPAN A) FINE MILLING 289 SY HYDRO-DEMOLITION \_ JOINT TNIOL 🛈 289 SY OF BRIDGE DECK @ BENT 2 @ BENT 1 CLASS II SURFACE 0.0 SY PREPARATION CLASS III SURFACE 0.0 SY PREPARATION LATEX MODIFIED CONCRETE 21.6 CY - VES OVERLAY PLACING & FINISHING 289 SY LMC - VES OVERLAY BRIDGE JOINT └──3″Ø DECK DRAIN — GUTTER -20"TUBULAR STEEL BEAM 42 SF DEMOLITION (TYP.) GUARDRAIL LINE GROOVING BRIDGE 2451 SF FLOORS UNDERSIDE OF DECK REPAIR ESTIMATE ACTUAL SHOTCRETE REPAIRS AREA VOLUME AREA VOLUME · 🖟 BEAM (TYP.) UNDERSIDE OF DECK 0.0 0.0 0.0 0.0 OVERHANG DIAPHRAGMS UNDERSIDE OF OVERHANG 4.2 INTERIOR DIAPHRAGMS 0.0 0.0 ℚ BRIDGE -TO US 19 & 23 ESTIMATE UNDERSIDE EPOXY RESIN 0.0 LF INJECTION 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 \_\_\_\_2.1 SF LINE APPROX. CLASS III SURFACE PREPARATION UNDERSIDE OF DECK/OVERHANG REPAIR EPOXY RESIN INJECTION 195′-0″ ± REMOVE AND REPLACE 20"TUBULAR STEEL BEAM GUARDRAIL & OFFSET TUBES SPAN B PROJECT NO. I-5889B BUNCOMBE NOTES: 100339 BRIDGE NO. \_\_\_ 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 SHEET 2 OF 3 AND DESCRIPTION OF THE REPAIRS AND ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE REPAIR QUANTITY TABLE. STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION CONCRETE COVER FOR TOP BARS IN THE DECK SLAB IS  $1\frac{7}{16}$ " PER THE EXISTING BRIDGE PLANS. RALEIGH FOR SECTION B-B, SEE "JOINT DETAILS" SHEET. PLAN OF SPANS SPAN B FOR FINE MILLING, SEE SPECIAL PROVISIONS. 020208 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 Ein BML (p 7/25/2022 FROM THE PROJECT. FOR DIMENSIONS OF TUBULAR BEAM GUARDRAIL, POSTS AND TUBES, SEE "TUBULAR BEAM REVISIONS GUARDRAIL DETAILS" SHEET. One Glenwood Avenue OCUMENT NOT CONSIDERED BY: DATE: Suite 900 Raleigh,NC 27603 FINAL UNLESS ALL M. LEE/J. MYA DATE : <u>6/2022</u> DRAWN BY : SIGNATURES COMPLETED 919-420-7660

CF

ACTUAL

COUNTY

SHEET NO.

S2-5

DATE:

NC L1c.No. F-0270

\_ DATE : <u>6/2022</u>

J. YANNACCONE

CHECKED BY : \_