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

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.

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  $1\frac{7}{16}$ " PER THE EXISTING BRIDGE PLANS.

FOR SECTION A-A AND 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, POST AND TUBES, SEE "TUBULAR BEAM GUARDRAIL DETAILS" SHEET.

BRIDGE RAIL QUANTITIES  (FOR ENTIRE BRIDGE)						
REMOVE 20"TUBULAR STEEL BEAM GUARDRAIL	795 LF					
20"TUBULAR STEEL BEAM GUARDRAIL	770 LF					
REMOVE AND REPLACE W 6X9 POSTS	O EA					
W-TR STEEL BEAM GUARDRAIL TRANSITION SECTIONS	4 EA					

BRIDGE JOINT DEMOLITION

APPROX. CLASS II SURFACE PREPARATION

APPROX. CLASS III SURFACE PREPARATION

UNDERSIDE OF DECK/OVERHANG REPAIR

EPOXY RESIN INJECTION

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

SHEET 1 OF 5

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH

> PLAN OF SPANS SPAN A AND APPROACH SLAB

SEAL 020208

NGINEER

Ein BML On 7/25/2022

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	REVISIONS					SHEET	
UMENT NOT CONSIDERED	NO.	BY:	DATE:	NO.	BY:	DATE:	S4-
FINAL UNLESS ALL IGNATURES COMPLETED	1			3			TOT <i>A</i> SHEE
	2			4			13

REBAR AND MINIMUM 2"CLEAR TO SAWCUT. FOR REPAIR DETAILS, SEE "OVERHANG UNDERSIDE REPAIR DETAILS" SHEET.

One Glenwood Avenue Suite 900 Raleigh,NC 27603 919-420-7660

\_ DATE : <u>6/2022</u> J. MYA DRAWN BY : J. YANNACCONE DATE : 6/2022 CHECKED BY : \_\_\_

BRIDGE JOINT DEMOLITION

GROOVING BRIDGE FLOORS

19 SF

853 SF

41 SF

2492 SF