625′-0″ ± REMOVE AND REPLACE 20"TUBULAR STEEL BEAM GUARDRAIL & OFFSET TUBES (SPAN B) -3"Ø DECK DRAIN (TYP.) -20"TUBULAR STEEL BEAM GUARDRAIL © BEAM (TYP.)— © BRIDGE— TO NC 191 REMOVE AND REPLACE 20"TUBULAR STEEL BEAM GUARDRAIL & OFFSET TUBES SPAN B

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%6'' 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.

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



Suite 900 Raleigh,NC 27603 919-420-7660 NC L1c.No. F-0270

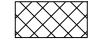
Ein Bhil of 7/25/2022 One Glenwood Avenue

REPAIR QUAN	TITY T	ABLE			
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 REP	AIR			
	ESTIMATE	ACTUAL			

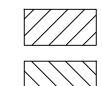
UNDERSIDE OF	DECK	(REP	YAIR	
	ESTIMATE		ACTUAL	
SHOTCRETE REPAIRS	AREA SF	VOLUME CF	AREA SF	VOLUMI CF
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG DIAPHRAGMS	0.0	0.0		
UNDERSIDE OF OVERHANG	0.0	0.0		
INTERIOR DIAPHRAGMS	0.0	0.0		
	ESTIMATE		ACTUAL	
UNDERSIDE EPOXY RESIN INJECTION	0.0 LF			

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.

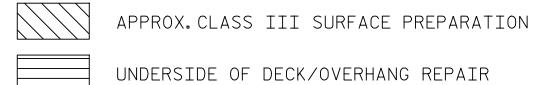
PAYMENT FOR CLASS II AND CLASS III SURFACE PREPARATION IS BASED ON THE SQUARE YARDS OF ADDITIONAL DEMOLITION REQUIRED FOLLOWING HYDRO-DEMOLITION OF THE BRIDGE DECK. SEE "OVERLAY SURFACE PREPARATION" SPECIAL PROVISION.



BRIDGE JOINT DEMOLITION



APPROX. CLASS II SURFACE PREPARATION



UNDERSIDE OF DECK/OVERHANG REPAIR

ERI EPOXY RESIN INJECTION

PROJECT NO. I-5889B BUNCOMBE COUNTY 100356 BRIDGE NO. __

SHEET 2 OF 8

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH

> PLAN OF SPANS SPAN B

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED DATE: BY:

020208

SHEET NO REVISIONS S6-5 DATE: