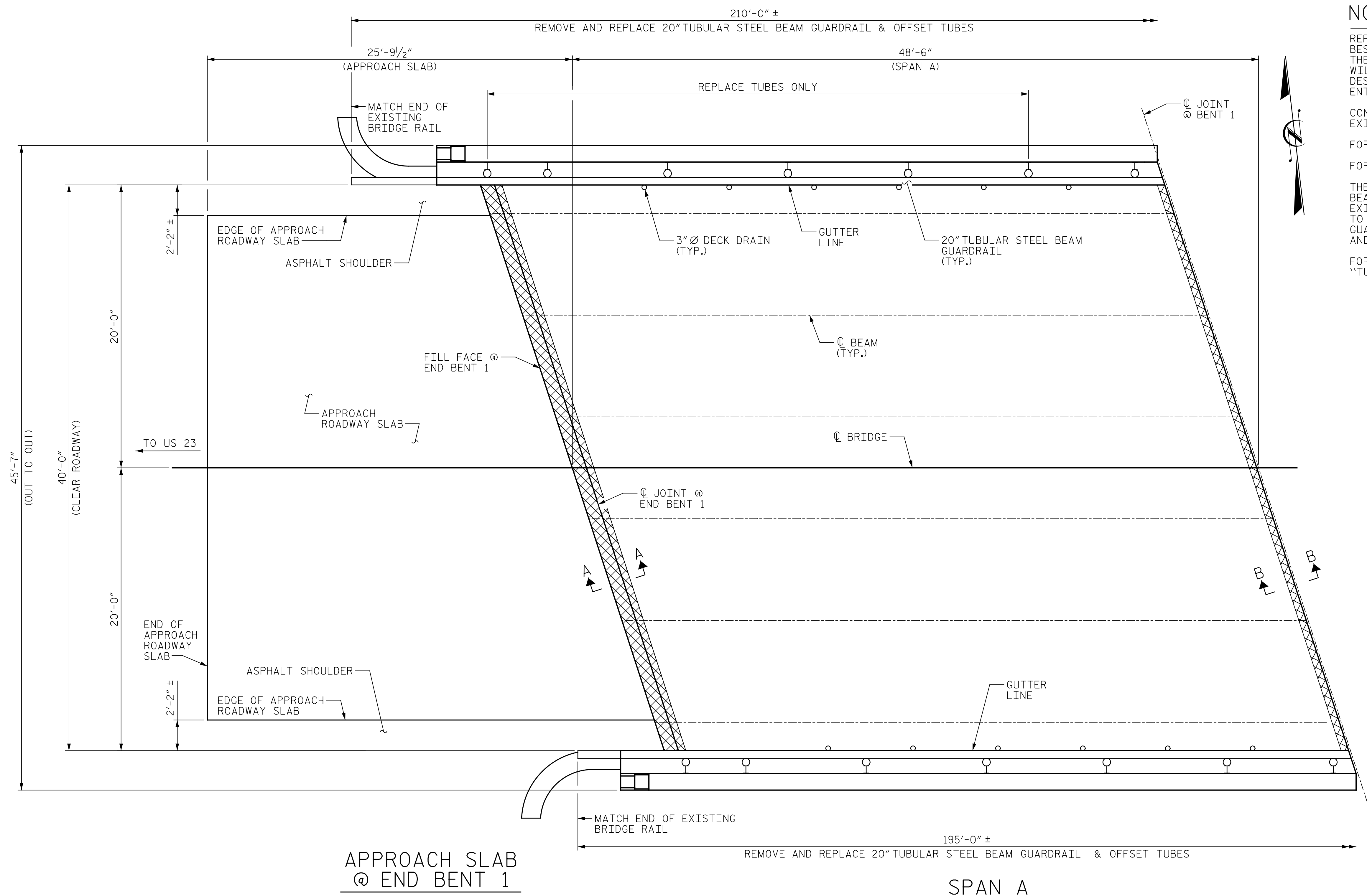


p:\gfn\pw\benfley.com\gfn\pw-01\Documents\Projects\67945\5-Work\King\Task 005 - I-5889B Rehab\Structures\CAD\2.0 100% Plans\402_041_I-5889B_SMU_S01_004_100339
 7/21/2022 3:45:54 PM pdf_color_gfclt_FS.plt I-5889B.Tbl



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 1/8" 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	420 LF
20" TUBULAR STEEL BEAM GUARDRAIL	405 LF
REMOVE AND REPLACE W 6X9 POSTS	0 EA
W-TR STEEL BEAM GUARDRAIL TRANSITION SECTION	2 EA

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

REPAIR QUANTITY TABLE					UNDERSIDE OF DECK REPAIR				
TOP OF DECK REPAIR	APPROACH SLAB 1		SPAN A		SHOTCRETE REPAIR	ESTIMATE		ACTUAL	
	ESTIMATE	ACTUAL	ESTIMATE	ACTUAL		AREA SF	VOLUME CF	AREA SF	VOLUME CF
FINE MILLING	102 SY		214 SY		UNDERSIDE OF DECK	0.0	0.0		
HYDRO-DEMOLITION OF BRIDGE DECK	102 SY		214 SY		OVERHANG DIAPHRAGMS	0.0	0.0		
CLASS II SURFACE PREPARATION	0.0 SY		0.0 SY		UNDERSIDE OF OVERHANG	0.0	0.0		
CLASS III SURFACE PREPARATION	0.0 SY		0.0 SY		INTERIOR DIAPHRAGMS	0.0	0.0		
LATEX MODIFIED CONCRETE - VES OVERLAY	7.6 CY		15.9 CY					ESTIMATE	ACTUAL
PLACING & FINISHING LMC - VES OVERLAY	102 SY		214 SY						
BRIDGE JOINT DEMOLITION	39 SF		42 SF		UNDERSIDE EPOXY RESIN INJECTION	0.0 LF			
GROOVING BRIDGE FLOORS	899 SF		1702 SF						

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.

PROJECT NO. I-5889B
BUNCOMBE COUNTY
 BRIDGE NO. 100339

SHEET 1 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

PLAN OF SPANS
 SPAN A AND
 APPROACH SLAB

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S2-4
2			4			TOTAL SHEETS 133



DocuSigned by:
 Eric B. Nelson Jr. 7/25/2022
 AC8805211674CDD



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