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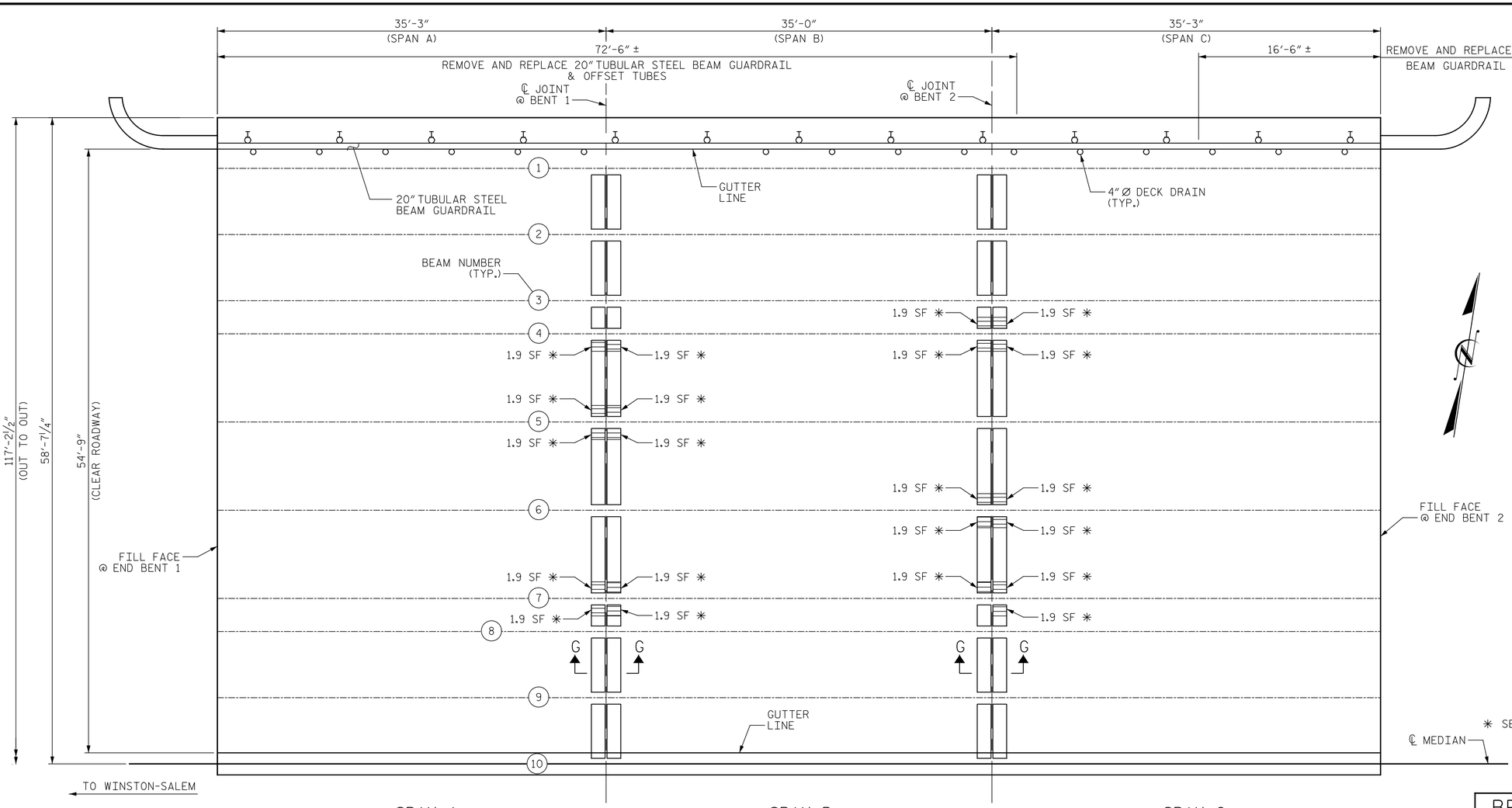

PLAN

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.

FOR SECTION G-G, SEE "ASPHALT PLUG JOINT DETAILS" SHEET.

CONTRACTOR SHALL SAWCUT TO A NOMINAL DEPTH OF ½" BUT REINFORCING STEEL SHALL NOT BE DAMAGED. CONTRACTOR SHALL REMOVE SURFACE CONCRETE TO VERIFY THAT SAWCUT DEPTH WILL NOT DAMAGE EXISTING REINFORCING STEEL.

THE BOUNDARIES OF AREAS IDENTIFIED FOR CLASS II SURFACE PREPARATION ARE APPROXIMATE AND MAY NOT REFLECT ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED AT THE PROJECT SITE.

FOR OVERHANG AND UNDERSIDE OF DECK REPAIRS, SEE "OVERHANG AND UNDERSIDE REPAIR DETAILS" SHEET.

THE CONTRACTOR SHALL REMOVE AND REPLACE THE 20" TUBULAR STEEL BEAM GUARDRAIL AS NOTED ON THE PLANS AND AS DIRECTED BY THE ENGINEER. THE SECTIONS OF GUARDRAIL WHICH ARE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PROJECT.

FOR DIMENSIONS OF TUBULAR BEAM GUARDRAIL AND OFFSET TUBES, SEE "TUBULAR BEAM GUARDRAIL DETAILS" SHEET.

FOR CONCRETE DIAPHRAGM REPAIR, SEE SPECIAL PROVISIONS.

FOR CONCRETE DECK REPAIR FOR ASPHALT OVERLAY, SEE SPECIAL PROVISIONS.

FOR REMOVAL AND REPLACEMENT OF TUBULAR STEEL BEAM GUARDRAIL, SEE SPECIAL PROVISIONS.

THE CONTRACTOR SHALL ENSURE THAT THE EXISTING DECK DRAINS ARE OPEN AND FULLY FUNCTIONAL AFTER PLACEMENT OF THE ASPHALT WEARING SURFACE.

* SEE TYPICAL INTERIOR DIAPHRAGM REPAIR SITE DETAIL

BRIDGE RAIL QUANTITIES
(FOR ENTIRE BRIDGE)

REMOVE 20" TUBULAR STEEL BEAM GUARDRAIL	161 LF
20" TUBULAR STEEL BEAM GUARDRAIL	161 LF

REPAIR QUANTITY TABLE

TOP OF DECK REPAIR

		ESTIMATE	ACTUAL
CONCRETE DECK REPAIR FOR ASPHALT OVERLAY	SPAN A	0.0 S.Y	
	SPAN B	0.0 S.Y	
	SPAN C	0.0 S.Y	

CONCRETE DECK REPAIR FOR ASPHALT OVERLAY

UNDERSIDE OF DECK REPAIR

UNDERSIDE OF DECK REPAIR

SHOTCRETE REPAIRS		ESTIMATE AREA SF	ESTIMATE VOLUME CF	ACTUAL AREA SF	ACTUAL VOLUME CF
UNDERSIDE OF DECK	SPAN A	0.0	0.0		
	SPAN B	0.0	0.0		
	SPAN C	0.0	0.0		
OVERHANG DIAPHRAGMS	SPAN A	0.0	0.0		
	SPAN B	0.0	0.0		
	SPAN C	0.0	0.0		
UNDERSIDE OF OVERHANG	SPAN A	0.0	0.0		
	SPAN B	0.0	0.0		
	SPAN C	0.0	0.0		
INTERIOR DIAPHRAGMS	SPAN A	9.5	4.0		
	SPAN B	19.0	8.0		
	SPAN C	11.4	4.8		

		ESTIMATE	ACTUAL
UNDERSIDE EPOXY RESIN INJECTION	SPAN A	0.0 LF	
	SPAN B	0.0 LF	
	SPAN C	0.0 LF	

TYP. INTERIOR DIAPHRAGM REPAIR SITE

PROJECT NO. I-5955
GUILFORD COUNTY
BRIDGE NO. 400299

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

PLAN OF SPANS WEST BOUND

DocuSigned by: John Yannaccone 7813617546784456...
11/17/2022

NORTH CAROLINA PROFESSIONAL SEAL 032492 ENGINEER JOHN A. YANNACCONE

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REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S3-4
1			3			TOTAL SHEETS
2			4			127

DRAWN BY : J. MYA DATE : 10/2022
CHECKED BY : J. YANNACCONE DATE : 10/2022

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