55'-0" (ALONG SHORT CHORD)

NOTES

6.8 SF

FOR SECTION A-A AND B-B, SEE "JOINT DETAILS" SHEET.

GROOVED CONTRACTION JOINTS, $\frac{1}{2}$ "IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF THE CONCRETE MEDIAN STRIP IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. THE CONTRACTION JOINTS SHALL BE LOCATED AT A SPACING OF 8 FEET TO 10 FEET BETWEEN EXPANSION JOINTS. NO CONTRACTION JOINTS WILL BE REQUIRED FOR SEGMENTS LESS THAN 10 FEET IN LENGTH.

THE CONCRETE MEDIAN IS TO BE REMOVED PRIOR TO PLACEMENT OF PC OVERLAY AND REBUILT ONCE THE PC OVERLAY HAS BEEN COMPLETED AND FULLY CURED.

* - RADIAL DIMENSIONS

AS-BUILT QUANTITY REPAIR TABLE									
TOP OF DECK REPAIRS	APPROACH SLAB 1			3 1	SPAN A				
	ESTI	MATE	AC ⁻	TUAL	ESTIMATE	ACTUAL			
GROOVING BRIDGE FLOORS	3204 SQ.FT.				3575 SQ.FT.				
CLASS II SURFACE PREPARATION	6.1 SC	Q. YDS.			12.2 SQ. YDS.				
CLASS III SURFACE PREPARATION	0 SQ	.YDS.			O SQ. YDS.				
EPOXY RESIN INJECTION	O LN.FT.				4.0 LN.FT.				
POLYMER CONCRETE MATERIALS	10.4 CU. YDS.				11.5 CU. YDS.				
CONCRETE DECK REPAIR FOR PC OVERLAY	6.1 SQ. YDS.				12.2 SQ. YDS.				
PLACING & FINISHING PC OVERLAY	373.5 SQ. YDS.			-	415.7 SQ. YDS.				
SCARIFYING BRIDGE DECK	373.5 SQ. YDS.				415.7 SQ. YDS.				
SHOTBLASTING OF BRIDGE DECK	373.5	SQ. YDS.			415.7 SQ. YDS.				
	ESTIMATE		AC ⁻	TUAL					
SHOTCRETE REPAIRS	AREA SQ.FT.	VOLUME CU.FT.	AREA SQ.FT.	VOLUME CU.FT.					
SIDEWALK	19.9	3.3							
CONCRETE BARRIER RAIL	6.8	1.1							

EPOXY RESIN INJECTION REPAIRS OCCURS AT LEFT AND RIGHT END POST.

SHOTCRETE REPAIRS



CLASS II SURFACE PREPARATION

SCARIFYING, SHOTBLASTING, AND POLYMER CONCRETE OVERLAY

BILL OF MATERIAL FOR CONCRETE MEDIAN									
APPROACH SLAB AND SPAN A									
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT				
∗ B1	62	#4	STR.	1′-5″	59				
∗ B2	3	#4	STR.	2'-0"	4				
∗ B3	4	#4	STR.	23′-3″	62				
 ₩ B4	4	#4	STR.	27′-10″	74				
EPOXY COATED REINFORCING STEEL 199 LBS									
CLASS	3.1 CY								

* INDICATES EPOXY COATED REINFORCING STEEL

PROJECT NO. I-5880 _ COUNTY

FORSYTH

330029 BRIDGE:

SHEET 1 OF 4

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

> PLAN OF SPAN SPAN A

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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REVISIONS SHEET NO S1-4 NO. BY: DATE: DATE: TOTAL SHEETS

DATE: 10/2024 DATE: 11/2024 DWN. BY: BC CHKD. BY: GFW