DocuSign Envelope ID: 102413BF-33CB-4987-AB33-E60BC4EBAF27

655'-8¾"(FILL FACE @ END BENT 1 TO FILL FACE @ END BENT 2) 66'-0"(LIMITS OF SCARIFICATION, HYDRO-DEMOLITION AND LMC-VES OVERLAY) © JOINT @ BENT 3 © JOINT @ BENT 4 6.0 SF 4.5 SF — **─**12.5 SF 12.9 SF -105°00′00″ (TYP) 1.4 SF

PLAN OF SPAN D

NOTES

DRAWN BY : __

CHECKED BY : _

REPAIR LOCATIONS AND ESTIMATE OF QUANTITIES ARE BASED ON 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 ENTER THE ACTUAL QUANTITIES INTO THE AS-BUILT REPAIR QUANTITY TABLE.

FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.

B. H. BARNHILL

E.E.MURRAY

DESIGN ENGINEER OF RECORD: ______ E.E.MURRAY ____ DATE : 03/2024

FOR CONCRETE FOR DECK REPAIR, SEE SPECIAL PROVISIONS.

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

__ DATE : <u>03/2024</u>

_ DATE : <u>03/2024</u>

EXISTING JOINTS AND DECK DRAINS SHALL BE SEALED PRIOR TO BEGINNING SURFACE PREPARATION OF THE BRIDGE DECK.

FOR OVERLAY OF BRIDGE WITH LATEX MODIFIED CONCRETE- VERY EARLY STRENGTH,

PREVIOUSLY PLACED LMC OVERLAY AT STAGED EDGES SHALL BE DEMOLISHED BACK A MINIMUM OF 4 INCHES AND RECAST WITH LMC.

FOR LMC OVERLAY - VES SURFACE PREPARATION, SEE SPECIAL PROVISIONS.

FINAL JOINT SEALS SHALL NOT BE INSTALLED UNTIL THE OVERLAY IS COMPLETE

FOR BRIDGE JOINT DEMOLITION, SEE SPECIAL PROVISIONS.

FOR SECTION A-A, SEE "JOINT REPAIR DETAILS" SHEET.

AS-BUILT REPAIR QUANTITY TABLE

TOP OF DECK REPAIRS

SPAN D

	ESTIM	ATE	ACTUAL
SCARIFYING BRIDGE DECK	205.3	SY	
HYDRO-DEMOLITION OF BRIDGE DECK	205.3	SY	
CLASS II SURFACE PREPARATION	1.2	SY	
CLASS III SURFACE PREPARATION	0.0	SY	
LMC OVERLAY-VES	8.6	CY	
PLACING AND FINISHING LMC OVERLAY-VES	205.3	SY	
GROOVING BRIDGE FLOORS	1641.7	SF	
BRIDGE JOINT DEMOLITION	25.4	SF	

UNDERSIDE OF DECK REPAIRS

	ESTIMATE		ACTUAL	
SHOTCRETE REPAIRS	AREA SF	VOLUME CF	AREA SF	
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG DIAPHRAGMS	0.0	0.0		
UNDERSIDE OF OVERHANG	7.4	2.5		
INTERIOR DIAPHRAGMS	0.0	0.0		
	ESTIMATE		ACTUAL	
UNDERSIDE EPOXY RESIN INJECTION	0.0	LF		

QUANTITIES IN TABLE REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MINIMUM OF 1"BEHIND REBAR, AND MINIMUM 2" CLEAR TO SAW CUT. SEE REPAIR DETAILS.

CLASS II SURFACE PREPARATION

BRIDGE JOINT DEMOLITION

UNDERSIDE REPAIR

TEST LOCATION

PROJECT NO. 15BPR.130 MOORE _ COUNTY 620072 STATION:__

SHEET 4 OF 10

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH

PLAN OF SPAN D

4/24/2024

CONEER

	REVISIONS					SHEET N	
DOCUMENT NOT CONSIDERED	NO.	BY:	DATE:	NO.	BY:	DATE:	S-124
FINAL UNLESS ALL	1			3			TOTAL SHEETS
SIGNATURES COMPLETED	2			4			156

SEE SPECIAL PROVISIONS.