

PLAN OF SPAN D

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 AS-BUILT REPAIR QUANTITY TABLE.

PRIOR TO PLACEMENT OF THE LMC OVERLAY ACROSS THE DECK SPANS, THE CONTRACTOR SHALL SUBMIT A POUR SEQUENCE FOR APPROVAL BY THE ENGINEER.

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

FOR BRIDGE JOINT DEMOLITION, SEE "JOINT REPAIR DETAILS" SHEET.

DRAWN BY : R. G. BEAUCHAMP DATE : 02/19
 CHECKED BY : D. A. GLADDEN DATE : 03/19

AS-BUILT REPAIR QUANTITY TABLE

TOP OF DECK REPAIRS

APPROACH SLAB			SPAN D		
	ESTIMATE	ACTUAL		ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	33.3 SY		SCARIFYING BRIDGE DECK	115.5 SY	
HYDRO-DEMOLITION OF BRIDGE DECK	33.3 SY		HYDRO-DEMOLITION OF BRIDGE DECK	115.5 SY	
CLASS II SURFACE PREPARATION	0.0 SY		CLASS II SURFACE PREPARATION	0.0 SY	
BRIDGE JOINT DEMOLITION	15.0 SF		BRIDGE JOINT DEMOLITION	30.0 SF	
EPOXY RESIN INJECTION	0.0 LF		EPOXY RESIN INJECTION	0.0 LF	
GROOVING BRIDGE FLOORS	243.0 SF		GROOVING BRIDGE FLOORS	909.0 SF	
LATEX MODIFIED CONCRETE OVERLAY - EARLY STRENGTH	1.9 CY		LATEX MODIFIED CONCRETE OVERLAY - EARLY STRENGTH	6.4 CY	
PLACING AND FINISHING LATEX MODIFIED CONCRETE OVERLAY - EARLY STRENGTH	33.3 SY		PLACING AND FINISHING LATEX MODIFIED CONCRETE OVERLAY - EARLY STRENGTH	115.5 SY	

UNDERSIDE OF DECK REPAIRS

SHOTCRETE REPAIRS	ESTIMATE		ACTUAL	
	AREA SF	VOLUME CF	AREA SF	VOLUME 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		
CONCRETE CURB AND RAIL	0.0	0.0		
	ESTIMATE		ACTUAL	
UNDERSIDE EPOXY RESIN INJECTION	0.0	LF		

VALUES IN CHARTS REPRESENT ESTIMATED UNDERSIDE OF DECK REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE. MINIMUM OF 1" BEHIND REBAR AND MINIMUM 2" CLEARANCE TO SAWCUT. SEE REPAIR DETAILS.

- APPROXIMATE CLASS II AREA
- APPROXIMATE CLASS III AREA
- UNDERSIDE REPAIR
- BRIDGE JOINT DEMOLITION
- TEST LOCATION

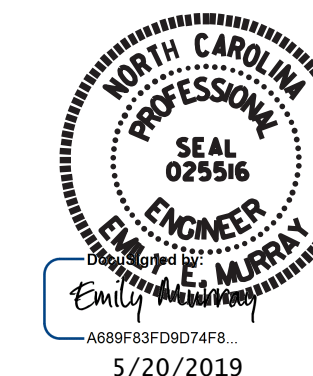
TEST LOCATION	* CONCRETE COVER (INCH)	CONCRETE STRENGTH (PSI)
#9	2 5/8"	5580
#10	2 5/8"	5770

INFORMATION IN CHART TAKEN FROM DECK EVALUATION DATED 02/25/2019.

* CONCRETE COVER FOR TOP BARS IN THE DECK ARE BASED ON DECK EVALUATION DATED 02/25/2018, EXISTING BRIDGE PLANS INDICATE 2 1/2" CONCRETE COVER.

PROJECT NO. 15BPR.45
DUPLIN COUNTY
 BRIDGE NO. 300433

SHEET 4 OF 4



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

PLAN OF SPANS

VOLKERT
 5540 Centerview Drive, Suite 305
 Raleigh, NC 27606
 Tel. 919-854-0344 Fax. 919-854-0355
 NC License No. F-0765

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S1-7
2			4			TOTAL SHEETS 31