

PLAN OF SPAN A

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

TEST LOCATION	* CONCRETE COVER (INCH)	CONCRETE STRENGTH (PSI)
#1	2 1/2"	6550
#2	1 1/2"	6400
#3	1 1/4"	5290
#4	1 5/8"	6290
#5	2 3/8"	5300

INFORMATION IN CHART TAKEN FROM DECK EVALUATION DATED 02/26/2019.

\* CONCRETE COVER FOR TOP BARS IN THE DECK ARE BASED ON DECK EVALUATION DATED 03/05/2019. EXISTING BRIDGE PLANS INDICATE 2 1/2" CONCRETE COVER.

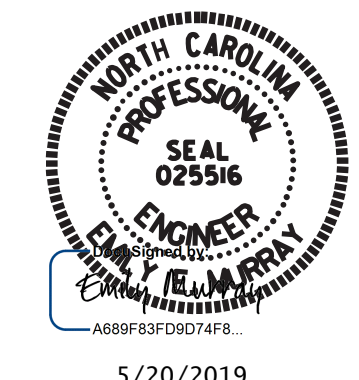
AS-BUILT REPAIR QUANTITY TABLE		
TOP OF DECK REPAIRS		
SPAN A		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	612.7 SY	
HYDRO-DEMOLITION OF BRIDGE DECK	612.7 SY	
CLASS II SURFACE PREPARATION	10.8 SY	
BRIDGE JOINT DEMOLITION	53.2 SF	
EPOXY RESIN INJECTION	0.0 LF	
GROOVING BRIDGE FLOORS	5097.7 SF	
LATEX MODIFIED CONCRETE OVERLAY - EARLY STRENGTH	26.3 CY	
PLACING AND FINISHING LATEX MODIFIED CONCRETE OVERLAY - EARLY STRENGTH	612.7 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

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PROJECT NO. 15BPR.45  
 PENDER COUNTY  
 BRIDGE NO. 700219

SHEET 1 OF 3

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 PLAN OF SPANS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S2-4
2			4			TOTAL SHEETS 31

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED