

NOTES:

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.

OF ADDITIONAL DEMOLITION REQUIRED FOLLOWING HYDRO-DEMOLITION OF THE BRIDGE DECK. SEE ``LMC OVERLAY SURFACE PREPARATION'' SPECIAL PROVISIONS.

FOR SECTIONS A-A AND B-B, SEE ``JOINT DETAILS' SHEET.

FOR UNDERSIDE OF DECK REPAIRS, SEE ``BEAM REPAIR LOCATIONS'' SHEET.

drawn by : J.I.BREWER	DATE .	10/2022
CHECKED BY : B.E. ATKINSON	DATE :	10/2022
DESIGN ENGINEER OF RECORD : B.E. ATKINSON		10/2022
DESIGN ENGINEER OF RECORD : DECEMPTION	DAIE :	

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AS-BUILT REPAIR QUANTITY TABLE SPANS A,B AND C						
TOP OF DECK REPAIRS						
	ESTIMATE	ACTUAL				
SCARIFYING BRIDGE DECK	1087 SY					
HYDRO-DEMOLITION OF BRIDGE DECK	1087 SY					
CLASS II SURFACE PREPARATION	68.2 SY					
LATEX MODIFIED CONCRETE OVERLAY- VERY EARLY STRENGTH	53.0 CY					
PLACING & FINISHING LMC-VES OVERLAY	1087 SY					
BRIDGE JOINT DEMOLITION	25 SF					
GROOVING BRIDGE FLOORS	9155 SF					



TEST LOCATION	*CONCRETE COVER	ESTIMATED CONCRETE STRENGTH		
	(INCH)	(PSI)		
#1	1¾″	6500		
#2	1 7⁄8″	5900		
#3	11/2″	4700		
#4	11/2″	5300		
#5	1 1⁄8″	6300		
#6	1 3⁄/8″	5900		
#7	1 3⁄8″	6500		
#8	1″	6500		

INFORMATION IN CHART TAKEN FROM DECK EVALUATION DATED 03/23/18.

* CONCRETE COVER FOR TOP BARS IN THE DECK ARE BASED ON DECK EVALUATION DATED 03/23/18. EXISTING BRIDGE PLANS INDICATE $1\frac{1}{2}$ concrete cover.

PROJECT NO. 15BPR.35 MECKLENBURG COUNTY 590345 BRIDGE NO.__

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH SUPERSTRUCTURE

SURFACE PREPARATION SPANS A, B AND C

	SIGNATURES COMPLETED							
	MI ENGINEERING			REVIS	SION	IS		SHEET NO.
1011 SCHAUB DRIVE, SUITE 100 RALEIGH, NC 27606 (919) 851-6606 FIRM PE NUMBER : P-0671	·	N0.	BY:	DATE:	NO.	BY:	DATE:	S9-4
	•	1			3			TOTAL SHEETS
	2			4			108	