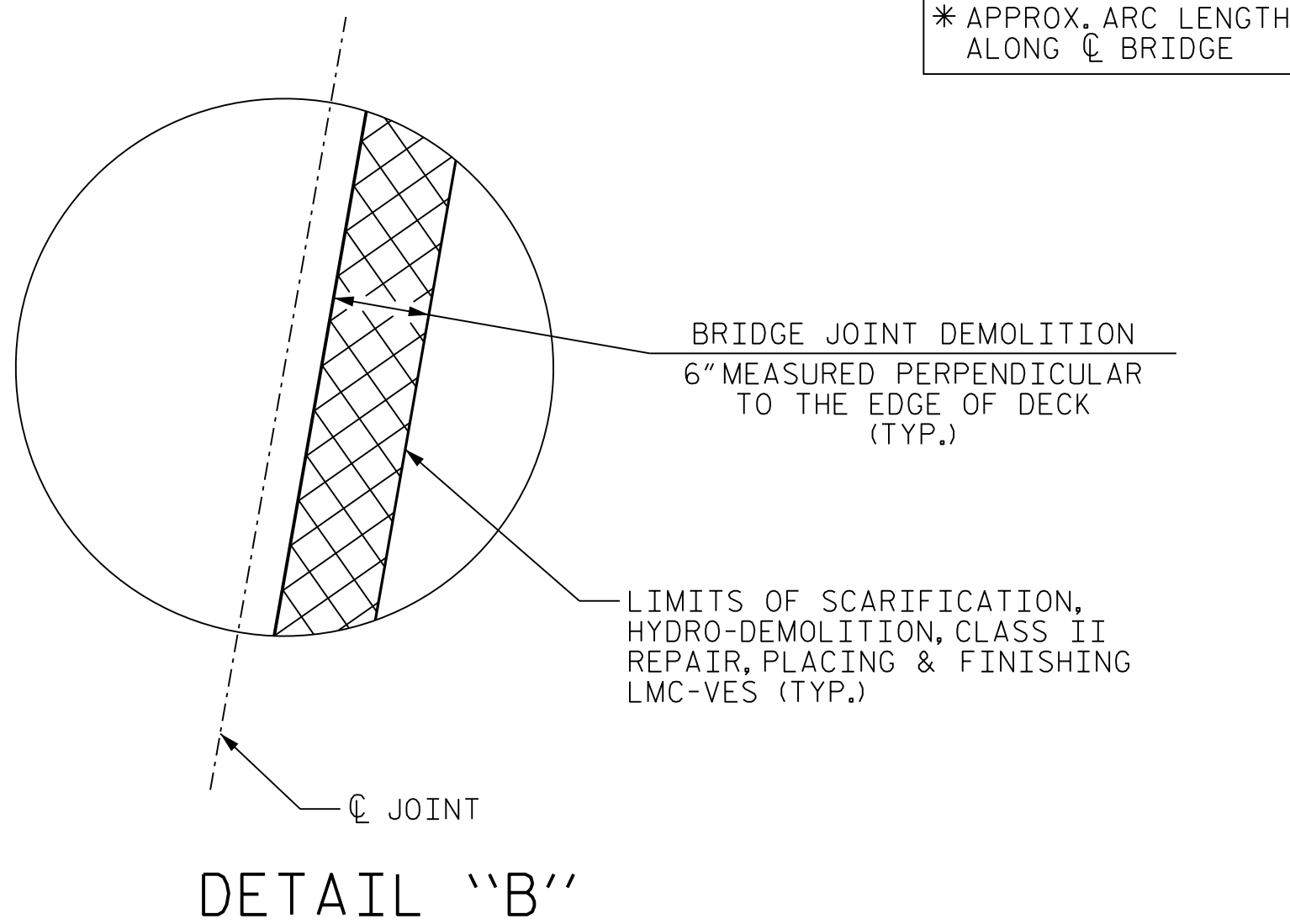


TEST LOCATION	*CONCRETE COVER	ESTIMATED CONCRETE STRENGTH
	(INCH)	(PSI)
#9	1 3/4"	4500
#10	1 7/8"	4900
#11	2 1/4"	5300
#12	1 3/4"	5700
#13	1 3/8"	5300

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 1/2" CONCRETE COVER.

PLAN OF SPANS



- BRIDGE JOINT DEMOLITION
- CLASS II SURFACE PREPARATION
- DECK SCARIFICATION, HYDRO-DEMOLITION AND LATEX MODIFIED CONCRETE OVERLAY-VES
- #X TEST HOLE LOCATION

TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	606 SY	
HYDRO-DEMOLITION OF BRIDGE DECK	606 SY	
CLASS II SURFACE PREPARATION	25.8 SY	
LATEX MODIFIED CONCRETE OVERLAY-VES VERY EARLY STRENGTH	29.6 CY	
PLACING & FINISHING LMC-VES OVERLAY	606 SY	
BRIDGE JOINT DEMOLITION	75 SF	
GROOVING BRIDGE FLOORS	5082 SF	

NOTES:

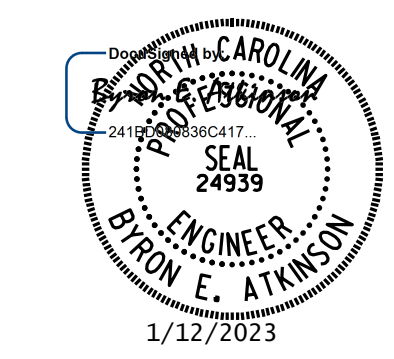
REPAIR LOCATIONS AND ESTIMATE OF QUANTITIES ARE BASED ON THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER WILL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATIONS AND DESCRIPTION OF THE REPAIRS AND ENTER THE ACTUAL QUANTITIES INTO THE AS-BUILT REPAIR QUANTITY TABLE.

PAYMENT FOR CLASS II SURFACE PREPARATION IS BASED ON THE SQUARE YARDS 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.

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



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
 SURFACE PREPARATION
 SPANS D AND E

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

MI ENGINEERING
 1011 SCHAUB DRIVE, SUITE 100
 RALEIGH, NC 27606
 (919) 851-6606
 FIRM PE NUMBER : P-0671

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S9-5 TOTAL SHEETS 108
2			4			

DRAWN BY : J.I. BREWER DATE : 10/2022
 CHECKED BY : B.E. ATKINSON DATE : 10/2022
 DESIGN ENGINEER OF RECORD : B.E. ATKINSON DATE : 10/2022

1/12/2023 9:20:03 AM User: blanning Filename: N:\NC Bridges\W21001.39-I-6052.(10) Meck. Co. Br. Preservation\Structures\409_009_15BPR35_SMU_DR2_590345.dgn