

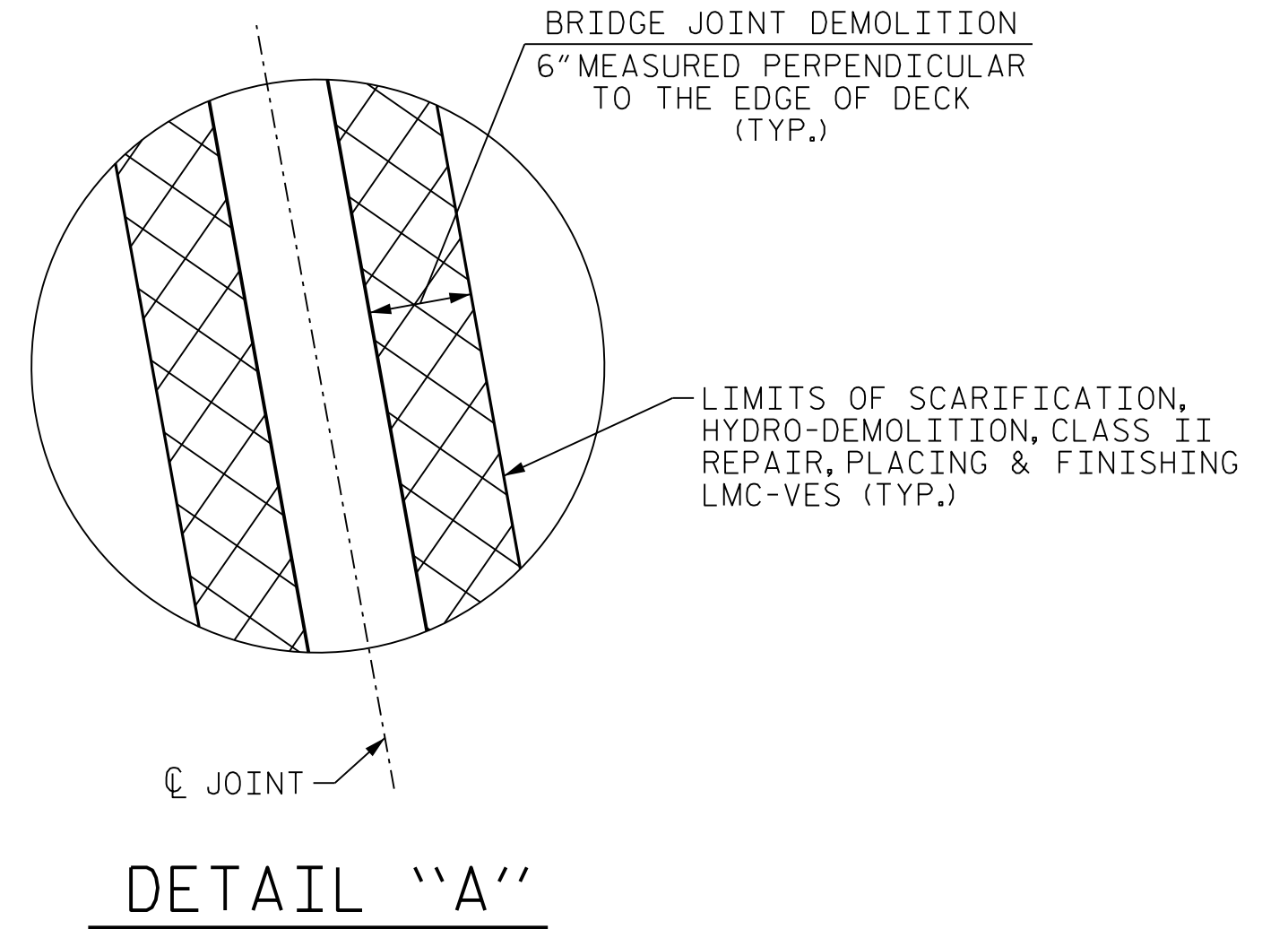
PLAN OF SPANS

- BRIDGE JOINT DEMOLITION
- CLASS II SURFACE PREPARATION
- DECK SCARIFICATION, HYDRO-DEMOLITION AND LATEX MODIFIED CONCRETE OVERLAY-VES
- UNDERSIDE OF DECK REPAIR

AS-BUILT REPAIR QUANTITY TABLE SPANS A, B AND C				
TOP OF DECK REPAIRS				
	ESTIMATE	ACTUAL		
SCARIFYING BRIDGE DECK	478.3 SY			
HYDRO-DEMOLITION OF BRIDGE DECK	478.3 SY			
CLASS II SURFACE PREPARATION	1.4 SY			
LATEX MODIFIED CONCRETE OVERLAY-VERY EARLY STRENGTH	23.5 CY			
PLACING & FINISHING LMC-VES OVERLAY	478.3 SY			
BRIDGE JOINT DEMOLITION	50.6 SF			
GROOVING BRIDGE FLOORS	3726 SF			
REMOVE AND REPLACE CURB AND GUTTER	15 LF			
UNDERSIDE OF DECK REPAIRS				
SHOTCRETE REPAIRS	QUANTITIES			
	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	3.6	1.8		
INTERIOR DIAPHRAGMS	6.0	3.0		
	ESTIMATE		ACTUAL	
UNDERSIDE EPOXY RESIN INJECTION	0.0 LF			

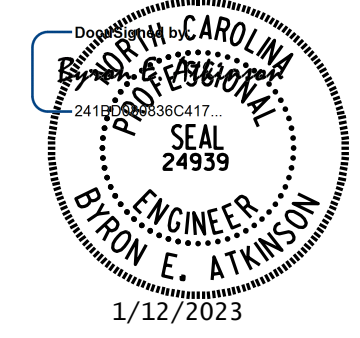
VALUES IN CHART REPRESENT ESTIMATED UNDERSIDE OF DECK REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MINIMUM OF 1" BEHIND REBAR AND MINIMUM 2" CLEAR TO SAW CUT. SEE REPAIR DETAILS.

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.
 QUANTITIES SHOWN IN THE BILL OF MATERIAL ARE BASED ON ESTIMATED CURB AND GUTTER REMOVAL AND REPLACEMENT. REMOVE AND REPLACE DIMENSIONS SHOWN ON PLANS. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS WITH THE ENGINEER AND SHALL ADJUST QUANTITIES AS NECESSARY.
 EXISTING DAMAGED CURB AND GUTTER SHALL BE REMOVED AND REPLACED WITH CURB AND GUTTER IN ACCORDANCE WITH SECTION 846 OF THE STANDARD SPECIFICATIONS AND 2018 ROADWAY STANDARD DRAWING 846.01.



DETAIL "A"

PROJECT NO. I-6052
 MECKLENBURG COUNTY
 BRIDGE NO. 590281



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
 SURFACE PREPARATION
 SPANS A, B AND C

**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			S1-4
2			4			TOTAL SHEETS 108

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

1/12/2023 9:17:54 AM User: blanning
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