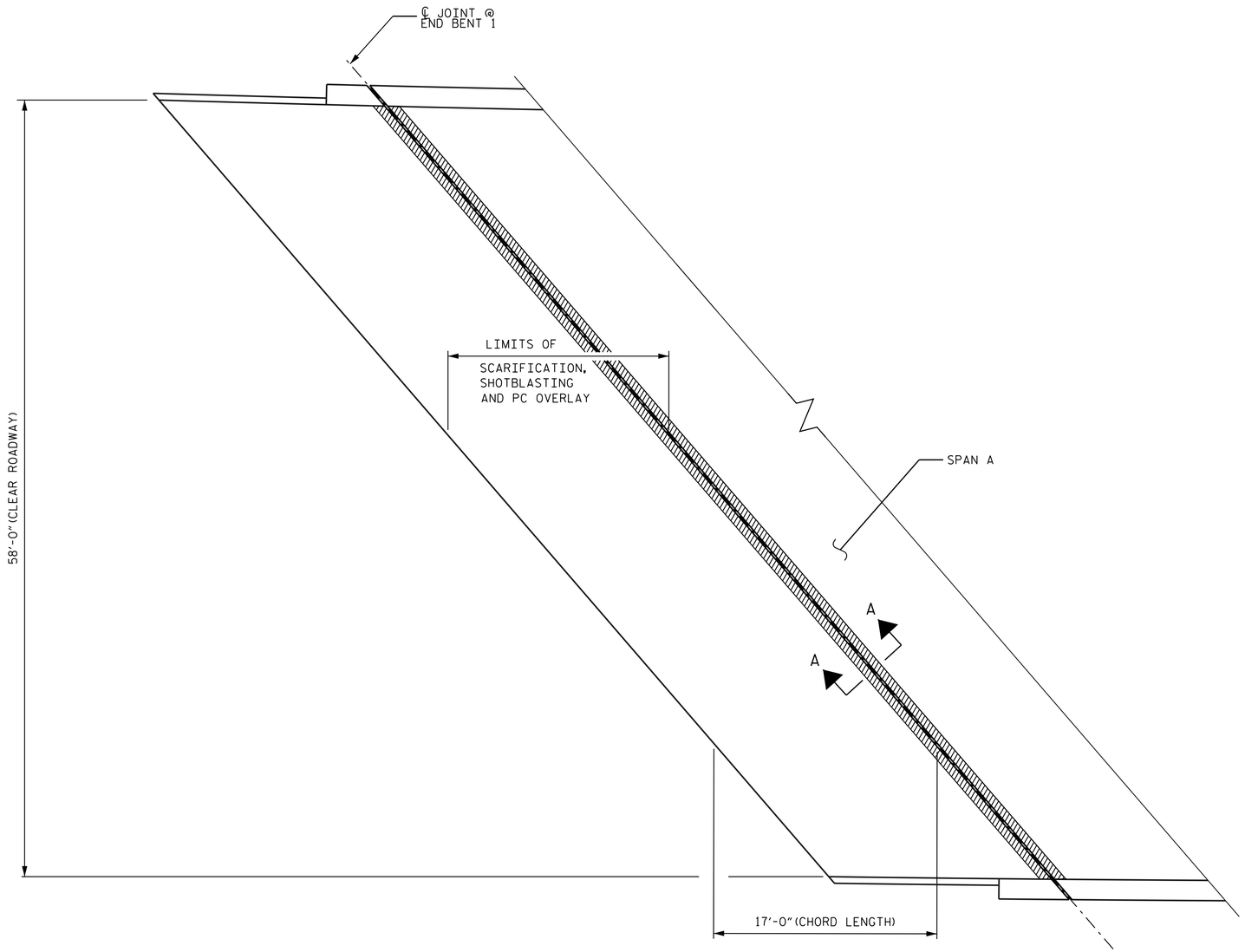
DocuSign Envelope ID: 763C152F-F6CB-4895-8952-7EE400CE2BA7



APPROACH SLAB 1

AS-BUILT REPAIR QUANTITY TABLE

APPROACH SLAB 1

	ESTIMATE		ACTUAL	
SCARIFYING BRIDGE DECK	104.0 SY			
CLASS II SURFACE PREPARATION	6.0 SY			
CONCRETE DECK REPAIR FOR PC OVERLAY	6.0 SY			
SHOTBLASTING BRIDGE DECK	104.0 SY			
POLYMER CONCRETE MATERIALS	5.0 CY			
PLACING AND FINISHING PC OVERLAY	104.0 SY			
GROOVING BRIDGE FLOORS	866.0 SF			
SURFACE PREP. FOR CONCRETE BARRIER	27.0 SF			
SILANE BARRIER RAIL TREATMENT	27.0 SF			
CONCRETE REPAIRS	ESTIMATE		ACTUAL	
	AREA SF.	VOLUME CF	AREA SF.	VOLUME CF
CONCRETE CURB AND RAIL	0.0	0.0		

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.

FOR SECTION A-A, SEE "JOINT DETAILS" SHEETS.

FOR SCARIFYING BRIDGE DECK, SHOTBLASTING BRIDGE AND CLASS II SURFACE PREPARATION, SEE OVERLAY SURFACE PREPARATION FOR POLYMER CONCRETE SPECIAL PROVISIONS.

TOP OF DECK REPAIR QUANTITIES REPRESENT ESTIMATED VALUES OF CLASS II SURFACE PREPARATION AND CONCRETE DECK REPAIR FOR PC OVERLAY AFTER REMOVAL OF UNSOUND CONCRETE (MIN. 2" CLEAR TO SAWCUT). SEE OVERLAY SURFACE PREPARATION FOR POLYMER CONCRETE SPECIAL PROVISIONS.

FOR CONCRETE REPAIR, SEE SPECIAL PROVISIONS.

FOR CONCRETE DECK REPAIR FOR PC OVERLAY, PC MATERIALS AND PLACING AND FINISHING PC OVERLAY, SEE POLYMER CONCRETE BRIDGE DECK OVERLAY SPECIAL PROVISIONS.

THE EXISTING COVER PLATES SHALL BE REMOVED DURING THE JOINT REPLACEMENT PROCESS, CLEANED AND PUT BACK IN PLACE AFTER COMPLETION OF WORK. PAYMENT FOR SUCH WORK SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS.

CLASS II SURFACE PREPARATION AT THE JOINTS

CONCRETE REPAIR AREA

PROJECT NO. I-5941
DURHAM COUNTY
BRIDGE NO. 310112

SHEET 1 OF 3

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DocuSigned by: Farzin Asefnia
19141A8AF3...
NORTH CAROLINA PROFESSIONAL SEAL 20103 ENGINEER FARZIN ASEFNIA
11/13/2023

E.L. ROBINSON ENGINEERING
3362 Six Forks Rd.
Raleigh, N.C. 27609
Tel: 984.960.2810
elrobinsonengineering.com
License: C-22 9

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

DECK SURFACE REPAIR

APPROACH SLAB 1

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-4
1			3			TOTAL SHEETS
2			4			11

DRAWN BY : M. HOGAN DATE : 3/2023
CHECKED BY : JIA XU DATE : 7/2023
DESIGN ENGINEER OF RECORD: F. ASEFNIA DATE : 11/2023