

AS-BUILT REPAIR QUANTITY TABLE

REPAIRS BENT 3	QUANTITIES			
	ESTIMATE		ACTUAL	
SHOTCRETE REPAIRS	AREA SF	VOLUME CF	AREA SF	VOLUME CF
CAP	67.0	41.9 *		
COLUMNS AND STRUTS	291.3	182.1 *		
CONCRETE REPAIRS	AREA SF	VOLUME CF	AREA SF	VOLUME CF
CAP	0.0	0.0		
COLUMNS AND STRUTS	0.0	0.0		
EPOXY RESIN INJECTION	LN, FT		LN, FT	
CAP	4.0			
COLUMNS AND STRUTS	2.0			
EPOXY COATING	SO, FT		SO, FT	
TOP OF BENT CAP	284			

VALUES IN CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MINIMUM OF 1" BEHIND REBAR AND MINIMUM 2" CLEARANCE TO SAWCUT. SEE REPAIR DETAILS.

NOTES:

REPAIR LOCATIONS AND ESTIMATE OF QUANTITIES ARE GIVEN WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER SHALL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THE REPAIRS AND ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE REPAIR QUANTITY TABLE.

FOR REPAIRS, SEE "TYPICAL CAP AND COLUMN REPAIR DETAILS" SHEET.

CLEAN AND REMOVE DEBRIS FROM THE TOP OF THE CAP AND APPLY EPOXY PROTECTIVE COATING. EPOXY COATING SHALL BE APPLIED TO THE TOP FACE OF THE CAP. THE CONTRACTOR SHALL NOT COAT THE AREA OF THE CAP BENEATH THE MASONRY PLATES.

FOR EPOXY COATING, SEE SPECIAL PROVISION.

FOR COLUMN SIDE VIEWS, SEE SHEET 3 OF 3.

FOR SECTION NN-NN, SEE SHEET 3 OF 3.

* QUANTITY HAS BEEN INCREASED DUE TO THE POTENTIAL FOR FURTHER DETERIORATION SINCE THE FIELD INSPECTION BY STRUCTURES MANAGEMENT UNIT.

☒ DAMAGED AREA

— EPOXY RESIN INJECTION

PROJECT NO. I-5892
BUNCOMBE COUNTY
 BRIDGE NO. 429

SHEET 1 OF 3

DocuSigned by:
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 7BC390C8-800E-4000-9000-000000000000
 STATE OF NORTH CAROLINA
 PROFESSIONAL ENGINEER
 SEAL 32492
 JOHN A. YANNAKONE
 1/21/2017

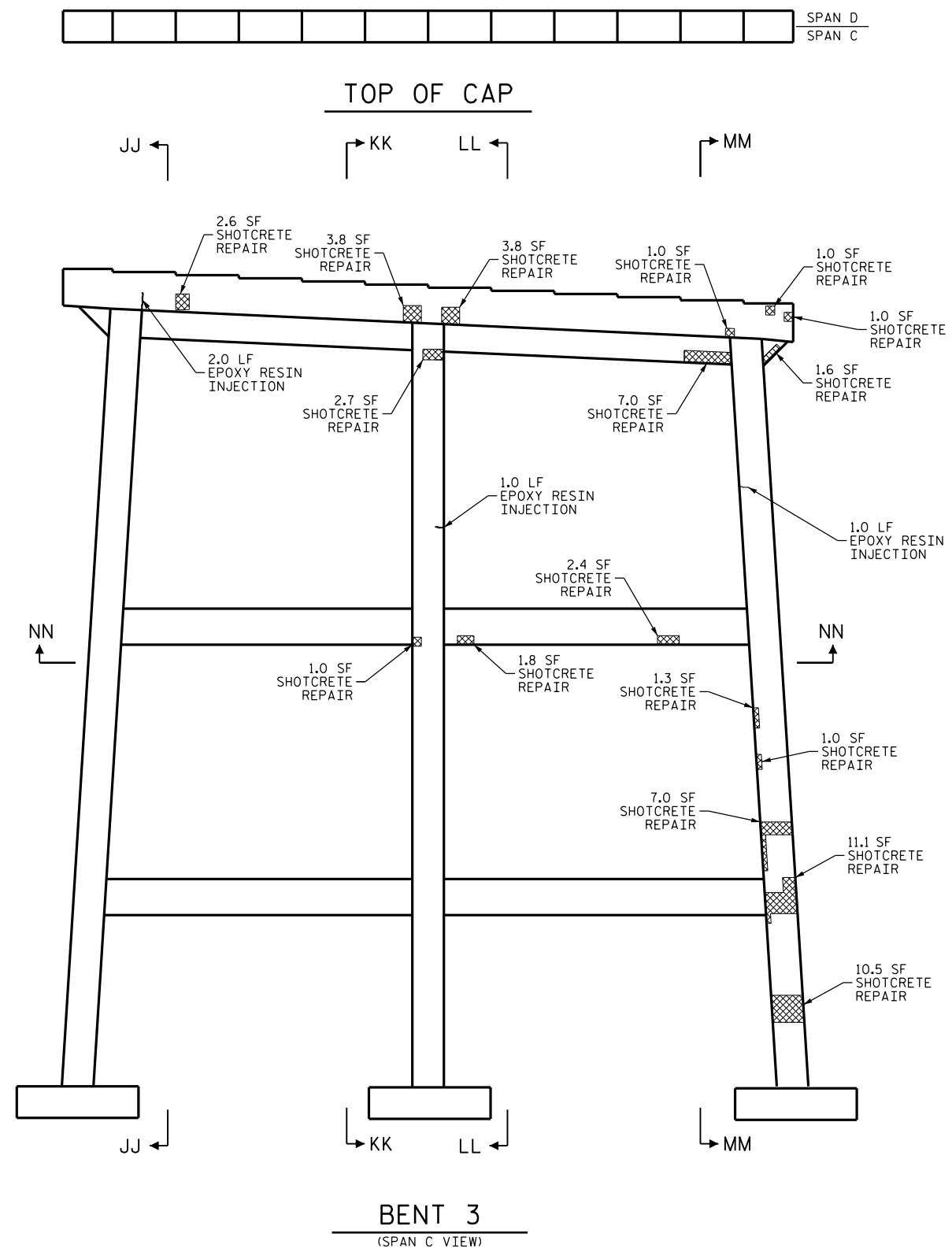
STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

BENT 3
SPAN C FACE

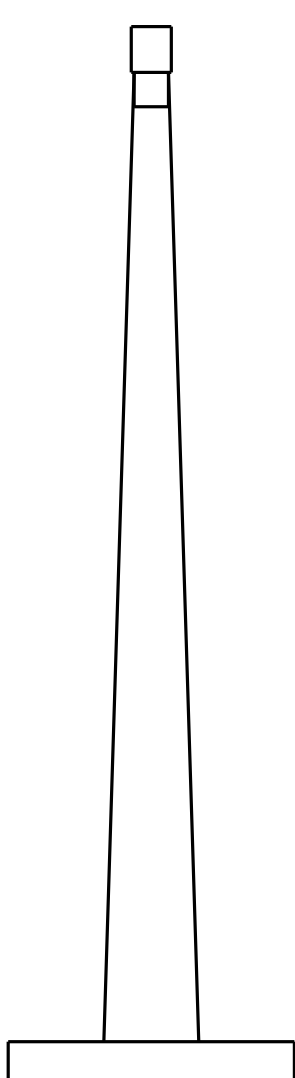
REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.
1			3			S-54
2			4			TOTAL SHEETS 68

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



SPAN D | SPAN C



END VIEW

TOP OF CAP

BENT 3
 (SPAN C VIEW)

DRAWN BY : R.L. PUTEK DATE : 06/16
 CHECKED BY : S. WANCE DATE : 11/16