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.

CONCRETE REPAIRS MAY BE SUBSTITUTED IN LIEU OF SHOTCRETE REPAIRS WITH THE APPROVAL OF THE ENGINEER.

FOR SHOTCRETE REPAIR, SEE SPECIAL PROVISIONS.

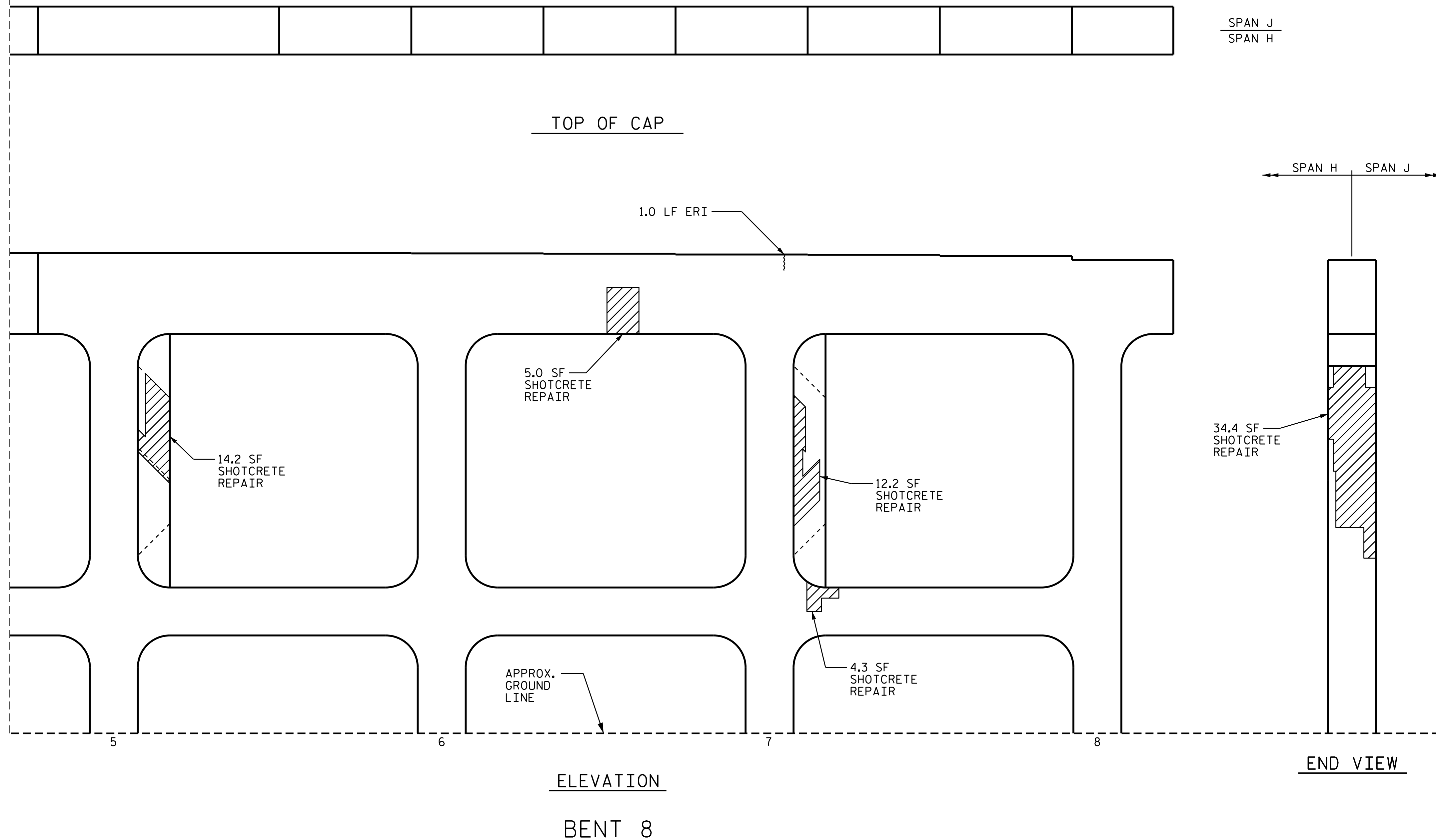FOR CONCRETE REPAIR, SEE SPECIAL PROVISIONS.

FOR EPOXY RESIN INJECTION, SEE SPECIAL PROVISIONS.

CLEAN AND REMOVE DEBRIS FROM THE TOP OF THE CAP AND APPLY EPOXY PROTECTIVE COATING. EPOXY COATING SHALL BE APPLIED TO THE TOP SURFACE OF THE CAP. THE CONTRACTOR SHALL NOT COAT THE AREA OF THE CAP BENEATH THE MASONRY PLATES. FOR EPOXY COATING, SEE SPECIAL PROVISIONS.

▨ SHOTCRETE REPAIR AREA

▨ CONCRETE REPAIR AREA

〰 EPOXY RESIN INJECTION (ERI)

AS-BUILT REPAIR QUANTITY TABLE

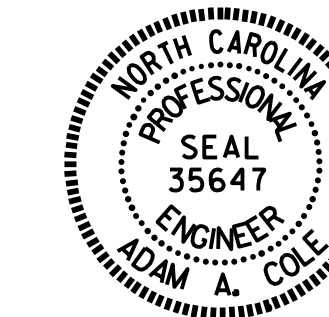| BENT 8	QUANTITIES			
	ESTIMATE		ACTUAL	
SHOTCRETE REPAIRS	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CAP	5.0	2.5		
COLUMNS & STRUTS	65.1	32.6		
CONCRETE REPAIRS	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CAP	6.6	3.3		
EPOXY RESIN INJECTION		LIN. FT		LIN. FT
CAP		1.0		
COLUMNS & STRUTS		0.0		
EPOXY COATING		SQ. FT.		SQ. FT.
TOP OF BENT CAP & STRUTS		414		

VALUES IN CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MIN. OF 1" BEHIND REBAR AND 2" MIN. CLEAR TO SAWCUT. FOR REPAIR DETAILS, SEE "TYPICAL CAP AND COLUMN REPAIR DETAILS" SHEET.

SPAN J / SPAN H

TOP OF CAP

1.0 LF ERI

SPAN H SPAN J

5.0 SF SHOTCRETE REPAIR

34.4 SF SHOTCRETE REPAIR

14.2 SF SHOTCRETE REPAIR

12.2 SF SHOTCRETE REPAIR

APPROX. GROUND LINE

4.3 SF SHOTCRETE REPAIR

5   6   7   8

ELEVATION

BENT 8

END VIEW

PROJECT NO. I-5746C

MECKLENBURG COUNTY

BRIDGE NO. 590332

SHEET 2 OF 4

BENT 8
SPAN H FACE

NORTH CAROLINA
PROFESSIONAL
ENGINEER
SEAL
35647
ADAM A. COLE

8/23/2021

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S10-60
1			3			TOTAL SHEETS
2			4			274

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED