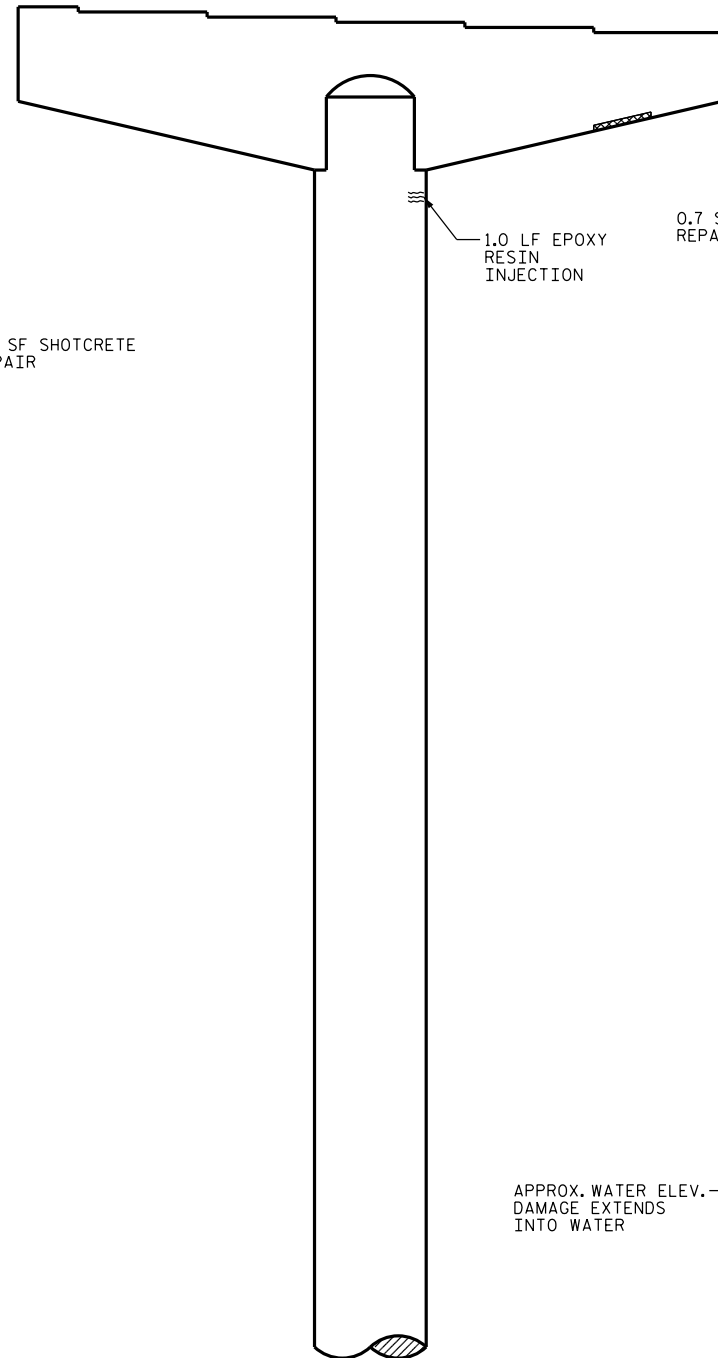


SPAN C    SPAN B

SPAN B    SPAN C



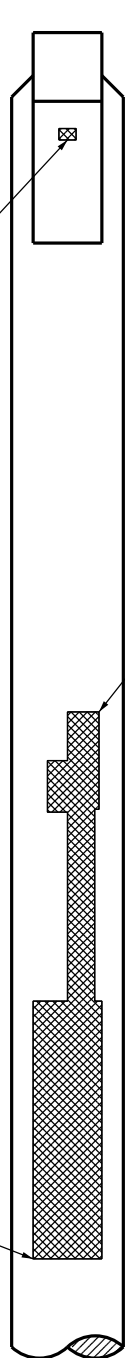
2.2 SF SHOTCRETE REPAIR



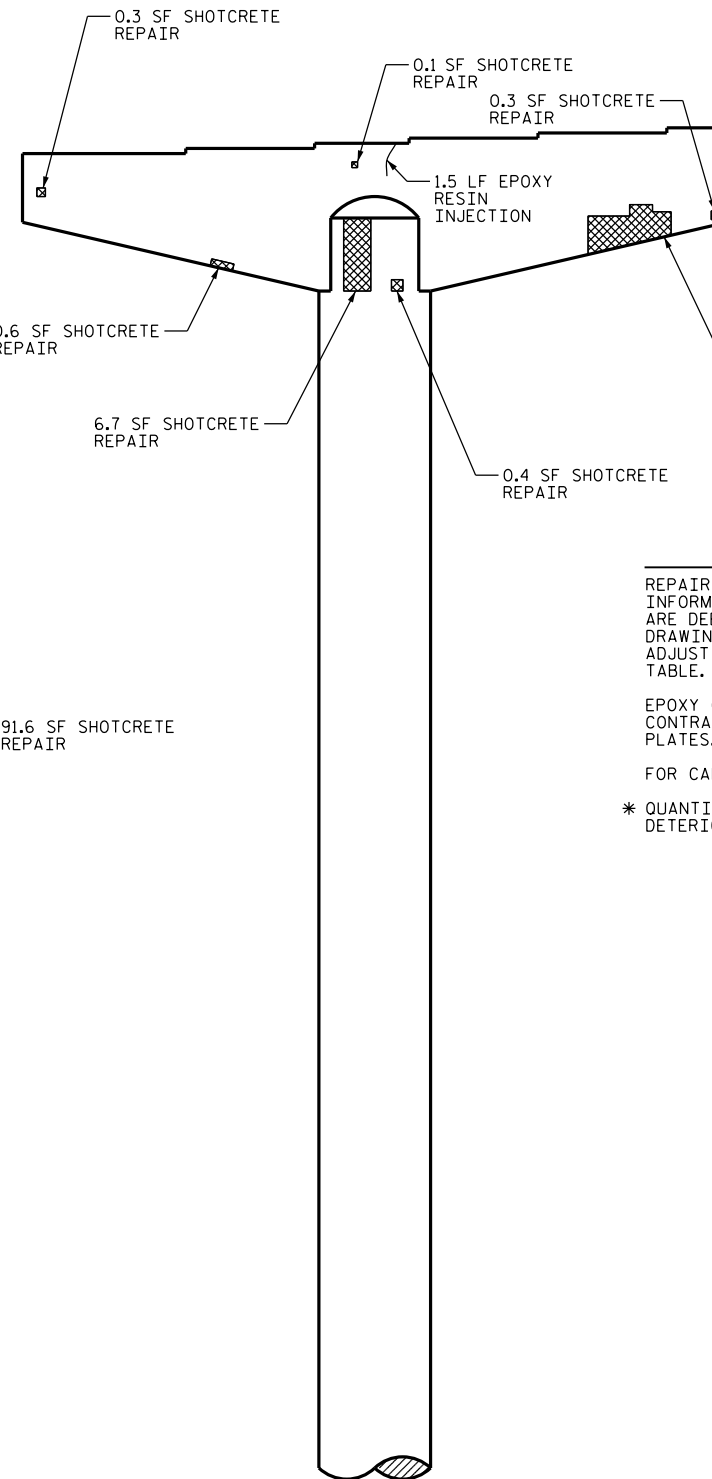
1.0 LF EPOXY RESIN INJECTION

0.7 SF SHOTCRETE REPAIR

APPROX. WATER ELEV. DAMAGE EXTENDS INTO WATER



91.6 SF SHOTCRETE REPAIR



0.3 SF SHOTCRETE REPAIR

0.1 SF SHOTCRETE REPAIR

0.3 SF SHOTCRETE REPAIR

1.5 LF EPOXY RESIN INJECTION

0.6 SF SHOTCRETE REPAIR

6.7 SF SHOTCRETE REPAIR

0.4 SF SHOTCRETE REPAIR

9.3 SF SHOTCRETE REPAIR

AS-BUILT REPAIR QUANTITY TABLE

REPAIRS BENT 2	QUANTITIES			
	ESTIMATE		ACTUAL	
	AREA SF	VOLUME CF	AREA SF	VOLUME CF
<b>SHOTCRETE REPAIRS</b>				
CAP	13.5	12.0 *		
COLUMN	98.7	83.3 *		
<b>CONCRETE REPAIRS</b>				
CAP	0.0	0.0		
COLUMN	0.0	0.0		
<b>EPOXY RESIN INJECTION</b>			LN. FT	LN. FT
CAP			3.0	
COLUMN			1.0	
<b>EPOXY COATING</b>			SQ. FT	SQ. FT
TOP OF BENT CAP			164	

VALUES IN CHARTS REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MIN. OF 1" BEHIND REBAR AND MIN. 1" CLEAR TO SAWCUT.

NOTES

REPAIR LOCATIONS AND ESTIMATED QUANTITIES ARE GIVEN WITH 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 ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE AS-BUILT REPAIR QUANTITY TABLE.

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 PROVISIONS.

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

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



PROJECT NO. I-5756  
HAYWOOD COUNTY  
 BRIDGE NO. 228

SHEET 2 OF 4

DocuSigned by:  
*John A. Yannaccone*  
 7BC36E9C  
 STATE OF NORTH CAROLINA  
 PROFESSIONAL ENGINEER  
 SEAL  
 32492  
 JOHN A. YANNACCONI  
 3/21/2016

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 BENT 2

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-80
1			3			TOTAL SHEETS
2			4			122

DRAWN BY : H. T. BARBOUR    DATE : 09/15  
 CHECKED BY : J. YANNACCONI    DATE : 12/15

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED