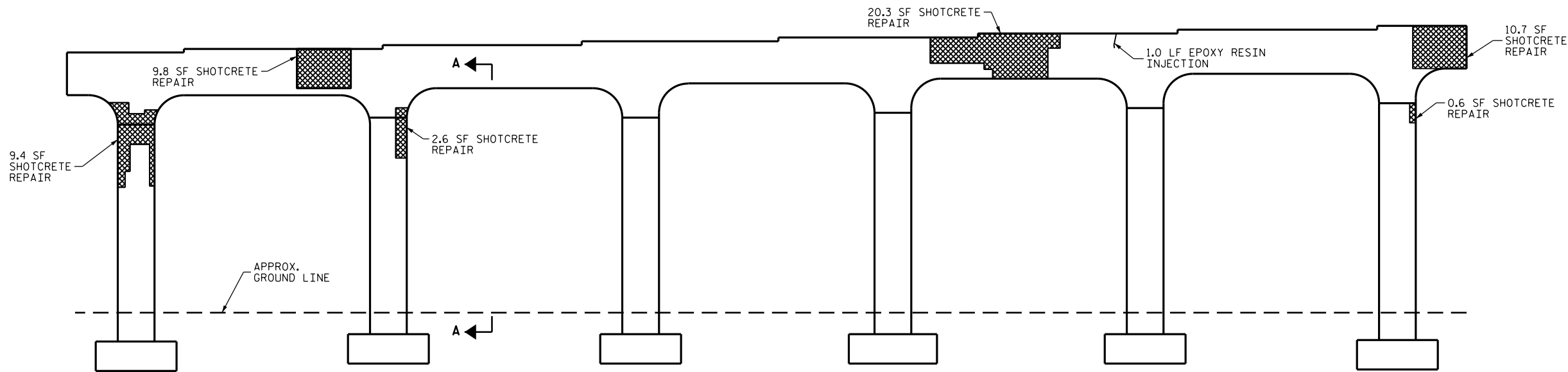


END VIEW
NORTH SIDE



ELEVATION

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.

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

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.

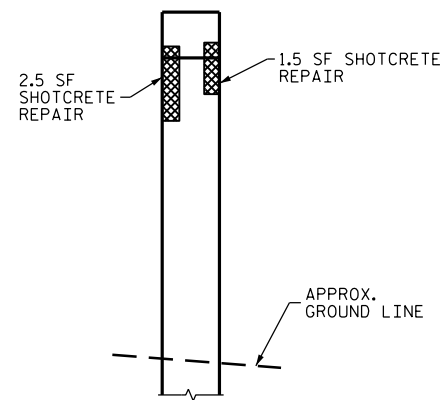
* QUANTITY HAS BEEN INCREASED DUE TO THE POTENTIAL FOR FURTHER DETERIORATION SINCE THE FIELD INSPECTION BY STRUCTURES MANAGEMENT UNIT.

ANCHOR BOLTS SHALL BE 1/4" DIAMETER. FOR ANCHOR BOLT REPAIR, SEE SPECIAL PROVISIONS.

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

ANCHOR BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

ANCHOR BOLTS SHALL MEET THE REQUIREMENTS OF ASTM A449. NUTS SHALL MEET THE REQUIREMENTS OF AASHTO M291-DH OR AASHTO M292-2H. WASHERS SHALL MEET THE REQUIREMENTS OF AASHTO M293.



VIEW A-A



REPAIRS BENT 1		QUANTITIES			
		ESTIMATE		ACTUAL	
		AREA SF	VOLUME CF	AREA SF	VOLUME CF
SHOTCRETE REPAIRS					
CAP		45.3	36.3*		
COLUMN		36.9	29.0*		
CONCRETE REPAIRS					
CAP		37.0	29.7*		
COLUMN		0.0	0.0		
EPOXY RESIN INJECTION			LN. FT		LN. FT
CAP			3.5		
COLUMN			12.5		
EPOXY COATING			SQ. FT		SQ. FT
TOP OF BENT CAP			238		

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

PROJECT NO. I-5756
HAYWOOD COUNTY
 BRIDGE NO. 183

SHEET 1 OF 6

DocuSigned by:
John A. Yannaccone
 7BC365...
 STATE OF NORTH CAROLINA
 PROFESSIONAL ENGINEER
 SEAL 32492
 JOHN A. YANNACCONE

3/21/2016

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

BENT 1
 SPAN A FACE

DRAWN BY : R. BRANNON DATE : 11/15
 CHECKED BY : J. YANNACCONE DATE : 12/15

21-MAR-2016 13:14
 R:\Structures\Final Drawings\430183\183.SD.B*.dgn
 Jayannaccone

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-10
1			3			TOTAL SHEETS
2			4			122