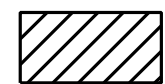




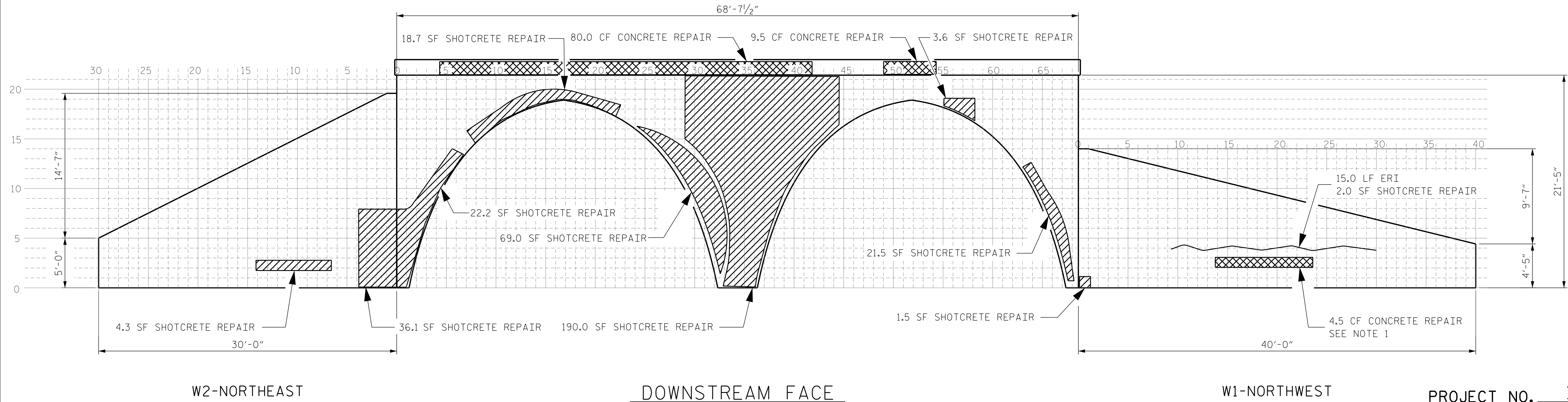
NOTES

1. SPALL IN CONCRETE BUILD-UP IN FRONT OF WING.
2. VALUES IN CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MINIMUM OF 1" BEHIND REBAR AND MINIMUM 2" CLEARANCE TO SAWCUT. FOR REPAIR DETAILS, SEE "TYPICAL REPAIR DETAILS" SHEET
3. 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 LOCATION AND DESCRIPTION OF THE REPAIRS AND ENTER THE ACTUAL QUANTITIES INTO THE AS-BUILT REPAIR QUANTITY TABLE.
4. CONCRETE REPAIRS MAY BE SUBSTITUTED IN LIEU OF SHOTCRETE REPAIRS WITH THE APPROVAL OF THE ENGINEER.
5. SEE SHEET S-22 FOR CONCRETE REPAIR DETAILS.

AS-BUILT REPAIR QUANTITY TABLE

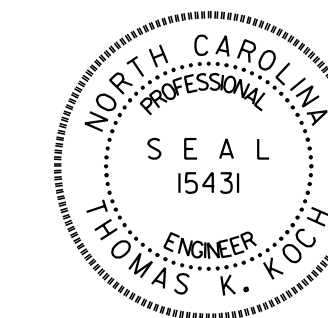
	QUANTITIES			
	ESTIMATE		ACTUAL	
SHOTCRETE REPAIRS	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
DOWNSTREAM FACE	368.9	184.5		
CONCRETE REPAIRS	VOLUME CU. FT.		VOLUME CU. FT.	
DOWNSTREAM FACE	94.0			
EPOXY RESIN INJECTION	LIN. FT.		LIN. FT.	
DOWNSTREAM FACE	15.0			

-  = SHOTCRETE REPAIR AREA
-  = CONCRETE REPAIR AREA
-  = EPOXY RESIN INJECTION (ERI)



PROJECT NO. 15BPR.32
AVERY COUNTY
 STRUCTURE: 050002
 SHEET 6 OF 6

ENGINEER OF RECORD
 12/12/2018



THOMAS K. KOCH
 ENGINEER
 15431

ETHERILL ENGINEERING
 1223 Jones Franklin Rd.
 Raleigh, N.C. 27606
 Bus: 919 851 8077
 Fax: 919 851 8107
 LICENSE NO. F-0377

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

DOWNSTREAM HEADWALL
 AND WINGS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-7
1			3			TOTAL SHEETS
2			4			23

DRAWN BY: A. KLINK DATE: 07/18
 CHECKED BY: T. KOCH DATE: 08/18

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

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