

**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 TABLE ABOVE.

CRACKING LOCATIONS AND QUANTITIES FOR LOCATIONS DESCRIBED AS "SCATTERED THROUGHOUT" IN THE INSPECTION REPORT ARE BASED ON THE BEST INFORMATION AVAILABLE. THE ENGINEER AND CONTRACTOR SHALL IDENTIFY AND REPAIR ALL CRACKS  $>= \frac{1}{16}$ " AS DESCRIBED IN THE SPECIAL PROVISIONS AT EACH BARREL.

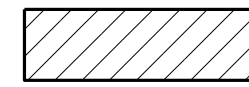
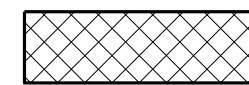


FOR CONCRETE AND SHOTCRETE REPAIRS, SEE "CONCRETE RESTORATION DETAILS" SHEETS.

SHOTCRETE REPAIRS MAY BE REPLACED WITH CONCRETE REPAIRS WITH THE APPROVAL OF THE ENGINEER.

FOR CHAIN LINK FENCE REPAIR, SEE "STANDARDS FOR CHAIN LINK FENCE"

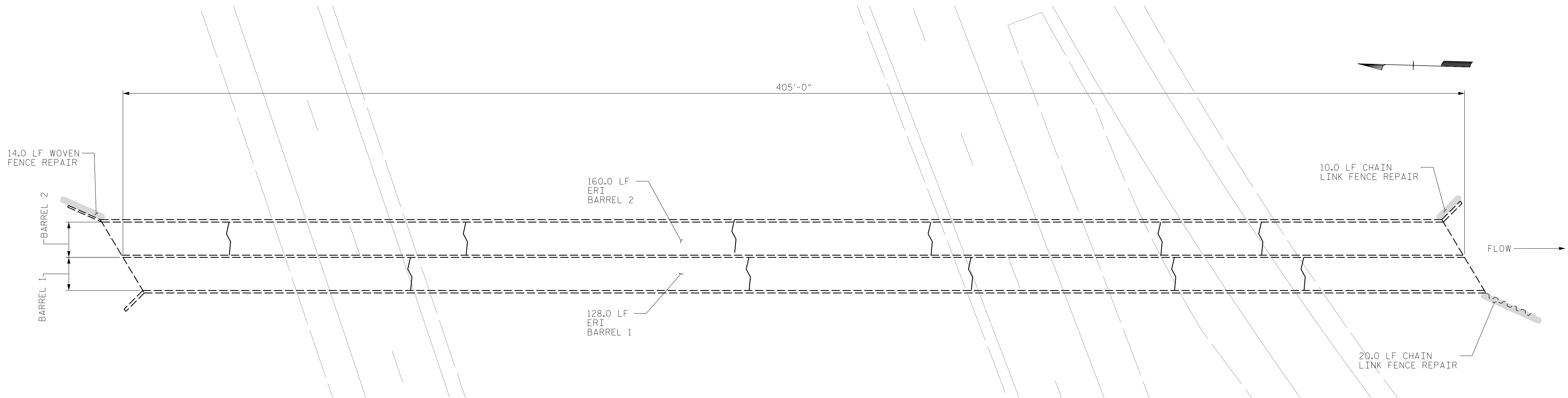
FOR WOVEN WIRE FENCE REPAIR, SEE "STANDARDS FOR WOVEN WIRE FENCE WITH WOOD POST"

CRACKING DEFICIENCIES WERE NOTED ON THE TOP SLAB AND WALLS THROUGHOUT THE CULVERT.

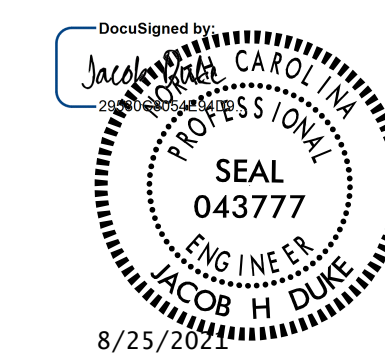
LEGEND	
	CONCRETE REPAIR AREA (CR)
	SHOTCRETE REPAIR AREA (SCR)
	EPOXY RESIN INJECTION (ERI)
	FENCE REMOVAL & REINSTALL

	AS-BUILT REPAIR QUANTITY TABLE			
	ESTIMATE		ACTUAL	
SHOTCRETE REPAIRS	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
SHOTCRETE REPAIRS				
CONCRETE REPAIRS	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
CONCRETE REPAIRS				
EPOXY RESIN INJECTION	LIN. FT.		LIN. FT.	
EPOXY RESIN INJECTION	288.0			
CHAIN FENCE REPAIR	LIN. FT.		LIN. FT.	
CHAIN FENCE REPAIR	30.0			
WOVEN WIRE FENCE REPAIR	LIN. FT.		LIN. FT.	
WOVEN WIRE FENCE REPAIR	14.0			

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 "CONCRETE RESTORATION DETAILS" SHEETS.



PROJECT NO. I-5939  
ROBESON COUNTY  
 BRIDGE NO. 770090



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
**CULVERT CONCRETE REPAIRS**

DRAWN BY : JACOB H. DUKE DATE : 06/2021  
 CHECKED BY : FIDEL L. FLORES DATE : 06/2021  
 DESIGN ENGINEER OF RECORD: JACOB H. DUKE DATE : 06/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			2
2			4			