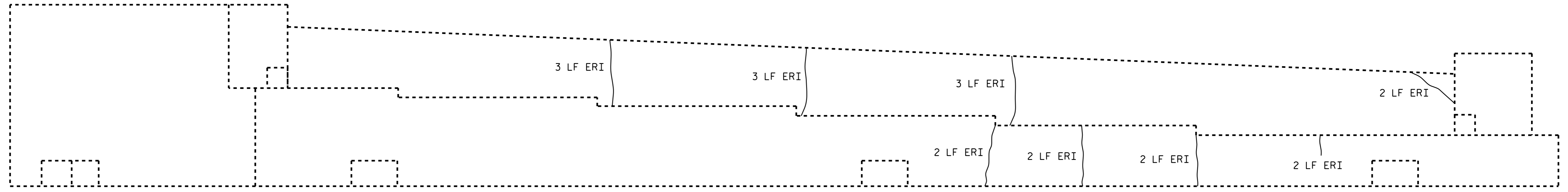


PLAN



ELEVATION  
LOOKING FRONT FACE OF END BENT

- ① CONCRETE REPAIR
- ② SHOTCRETE REPAIR
- ③ ERI EPOXY RESIN INJECTION

**NOTES:**  
 REPAIR LOCATIONS AND ESTIMATE OF QUANTITIES ARE GIVEN WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE INSPECTOR OR ENGINEER THE CONTRACTOR SHALL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THE REPAIRS AND ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE REPAIR QUANTITY TABLE.

FOR STRUCTURE REPAIRS, SEE "TYPICAL CAP AND COLUMN REPAIR DETAILS" SHEET S-72.

FOR CONCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR EPOXY RESIN INJECTION, SEE SPECIAL PROVISIONS.

FOR EPOXY COATING SHALL BE APPLIED TO THE TOP FACE OF THE END BENT CAP.

REPAIR QUANTITY TABLE				
REPAIRS END BENT 1	QUANTITIES			
	ESTIMATE		ACTUAL	
SHOTCRETE REPAIRS	AREA SF.	VOLUME CF.	AREA SF.	VOLUME CF.
CAP (VERTICAL FACE)				
CAP (HORIZONTAL FACE)	0.2	0.1		
CURTAIN WALL				
CONCRETE REPAIRS				
EPOXY RESIN INJECTION		LN. FT.		LN. FT.
CAP		8.0		
CURTAIN WALL		12.0		
WING WALL		2.0		
EPOXY COATING		SQ. FT.		SQ. FT.
TOP OF CAP		89.0		

VALUES IN CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MIN. OF 1" BEHIND REBAR AND MIN. 1" CL TO SAWCUT. SEE REPAIR DETAILS.

PROJECT NO. I-5788  
CUMBERLAND COUNTY  
 BRIDGE NO. 142

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**SUBSTRUCTURE REPAIRS**

**END BENT 1**

REVISIONS						SHEET NO. S-12
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 72
2			4			



DocuSigned by:  
  
 1/29/2016

DRAWN BY : A. SORSENGINH DATE : 10/23/15  
 CHECKED BY : S.B. WILLIAMS DATE : 10/30/15