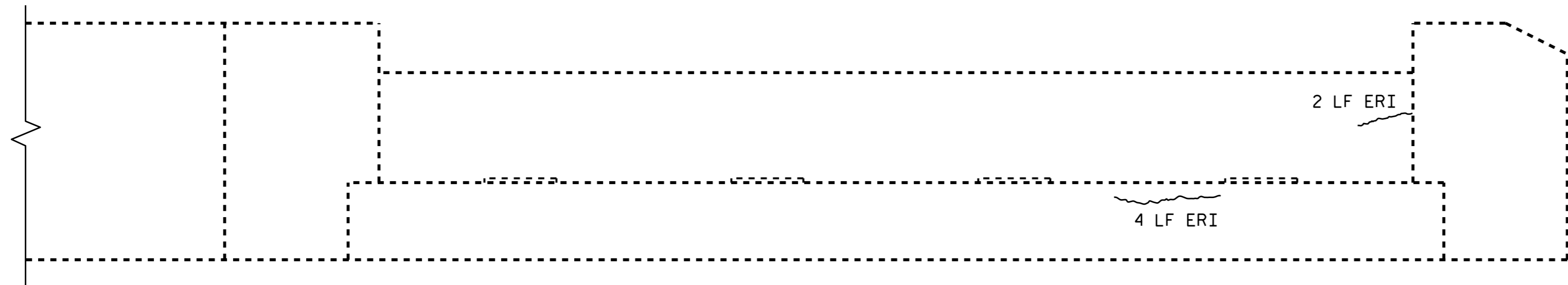


PLAN

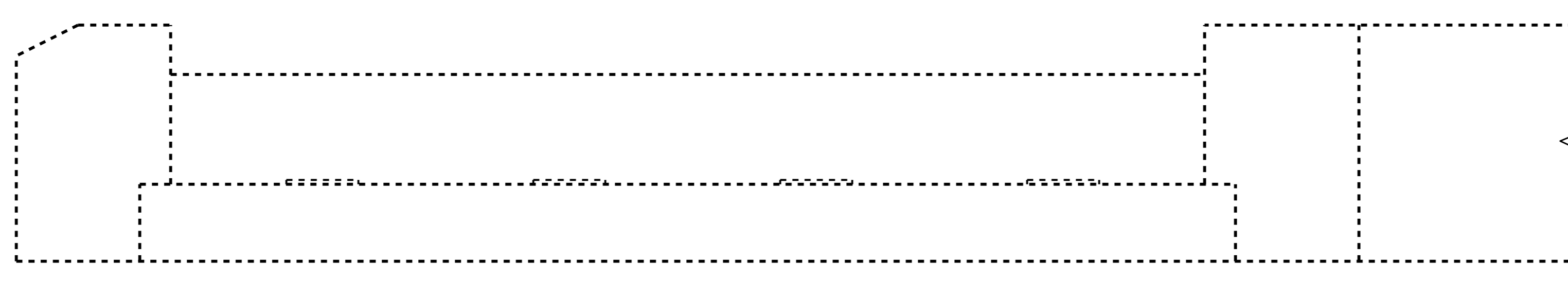


ELEVATION  
LOOKING AT FRONT FACE

END BENT 1



PLAN



ELEVATION  
LOOKING AT FRONT FACE

END BENT 2

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 ENGINEER, THE ENGINEER 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.

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

☒ CONCRETE REPAIR

▨ SHOTCRETE REPAIR

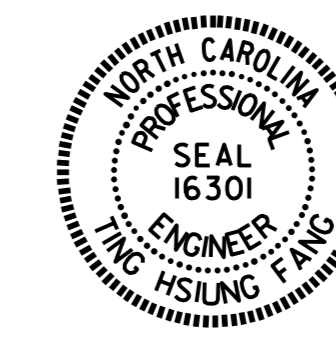
ERI - EPOXY RESIN INJECTION

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)				
CURTAIN WALL				
CONCRETE REPAIRS				
EPOXY RESIN INJECTION		LN. FT.		LN. FT.
CAP		4.0		
CURTAIN WALL		2.0		
EPOXY COATING		SQ. FT.		SQ. FT.
TOP OF CAP		43.9		
REPAIRS END BENT 2	QUANTITIES			
	ESTIMATE		ACTUAL	
SHOTCRETE REPAIRS	AREA SF.	VOLUME CF.	AREA SF.	VOLUME CF.
CAP (VERTICAL FACE)				
CAP (HORIZONTAL FACE)				
CURTAIN WALL				
CONCRETE REPAIRS				
EPOXY RESIN INJECTION		LN. FT.		LN. FT.
CAP				
CURTAIN WALL				
EPOXY COATING		SQ. FT.		SQ. FT.
TOP OF CAP		43.9		

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.: 158

SHEET 1 OF 5



DocuSigned by:  
Tang H. Fang  
E72086A00977435

1/28/2016

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 SUBSTRUCTURE  
 REPAIR  
 END BENTS 1 & 2  
 SBL

REVISIONS						SHEET NO. S-42
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 72
2			4			

DRAWN BY : T. H. FANG DATE : 10/16/15  
 CHECKED BY : E. I. OMILE DATE : 10/21/15  
 DESIGN ENGINEER OF RECORD: DATE :