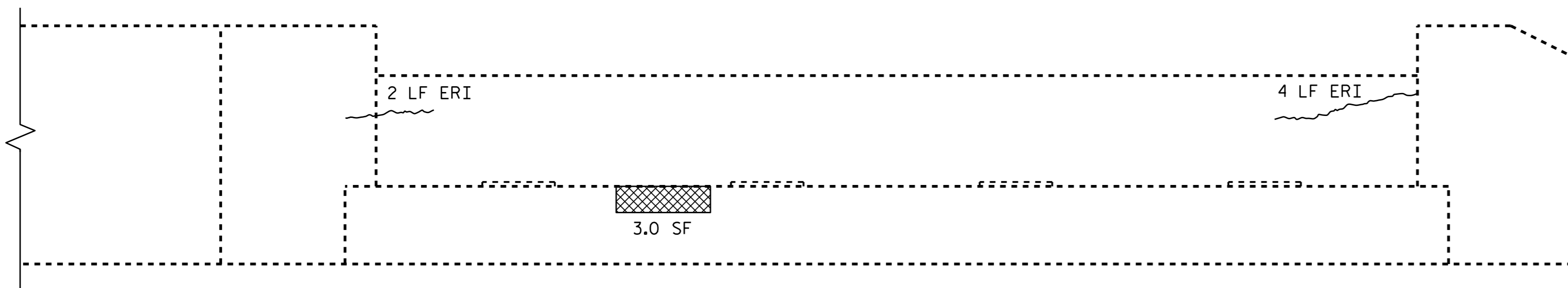


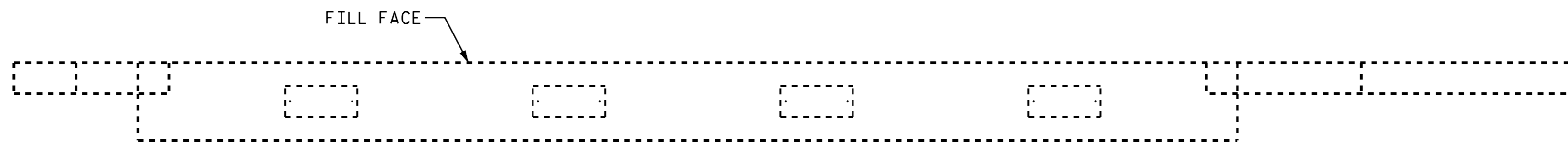
PLAN



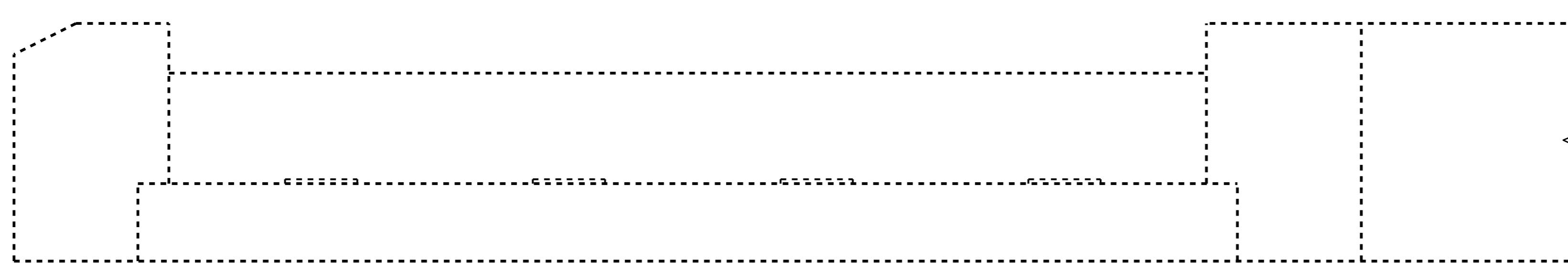
ELEVATION
LOOKING AT FRONT FACE

END BENT 1

- CONCRETE REPAIR
- SHOTCRETE REPAIR
- ERI - EPOXY RESIN INJECTION



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.

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	5.0	1.3		
EPOXY RESIN INJECTION		LN. FT.		LN. FT.
CAP				
CURTAIN WALL		6.0		
EPOXY COATING		SO. FT.		SO. 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		SO. FT.		SO. 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. 157

SHEET 1 OF 5



DocuSigned by:
 Ting Hsiung Fang
 1/28/2016

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

REVISIONS						SHEET NO. S-30
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS
2			4			72

DRAWN BY : T. H. FANG DATE : 10/2015
 CHECKED BY : S. B. WILLIAMS DATE : 11/2015