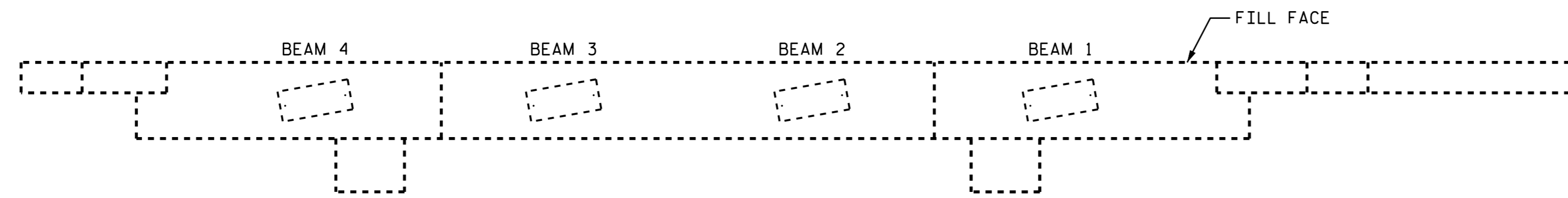


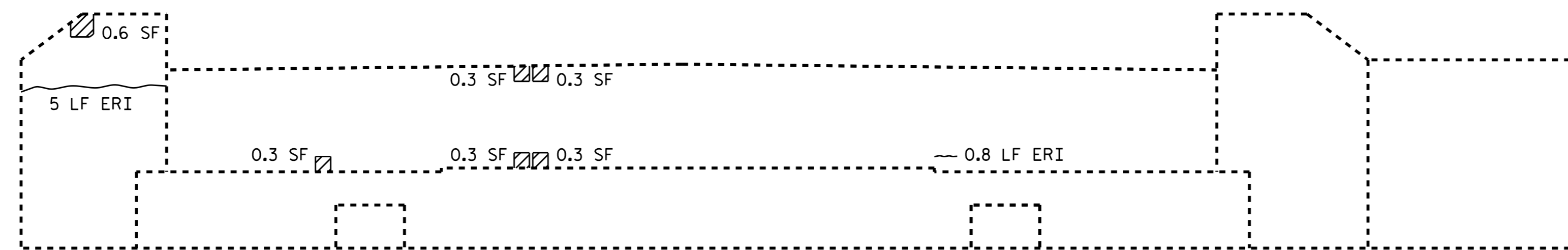
**NOTE:**  
 REPAIR LOCATIONS AND ESTIMATE OF QUANTITIES ARE GIVEN WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER SHALL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THE REPAIRS AND ADJUST THE 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.



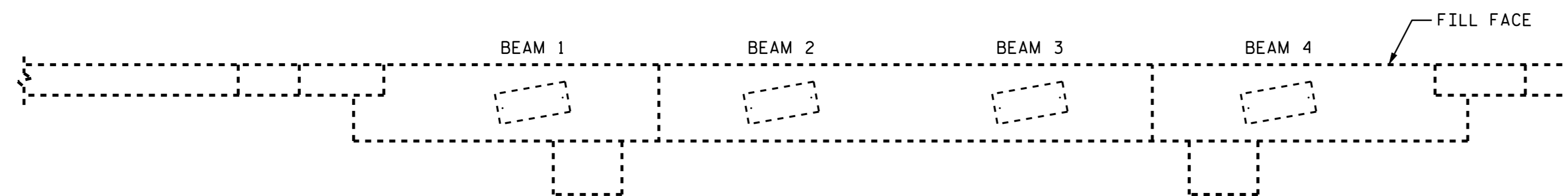
PLAN



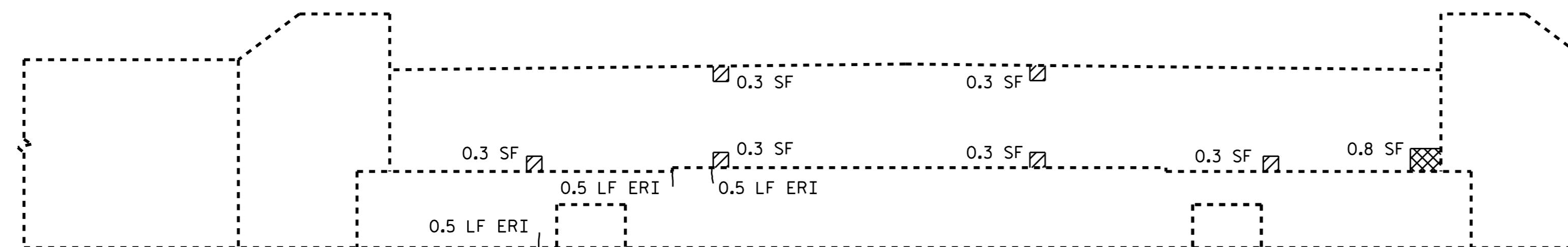
ELEVATION  
 LOOKING AT FRONT FACE  
 (NORTH SIDE)

END BENT 1

CONCRETE REPAIR  
 SHOTCRETE REPAIR  
 ERI - EPOXY RESIN INJECTION



PLAN



ELEVATION  
 LOOKING AT FRONT FACE  
 (SOUTH SIDE)

END BENT 2

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	2.1	0.5		
CONCRETE REPAIRS				
EPOXY RESIN INJECTION		LN. FT.		LN. FT.
CAP				
CURTAIN WALL & WING WALLS		5.8		
EPOXY COATING		SO. FT.		SO. FT.
TOP OF CAP		49.4		
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	1.8	0.5		
CONCRETE REPAIRS	0.8	0.2		
EPOXY RESIN INJECTION		LN. FT.		LN. FT.
CAP		1.5		
CURTAIN WALL & WING WALLS				
EPOXY COATING		SO. FT.		SO. FT.
TOP OF CAP		49.4		

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  
HARNETT COUNTY  
 BRIDGE NO.: 73

SHEET 1 OF 4



DocuSigned by:  
 Jing Hsiung Fang  
 E72088400977435...

1/28/2016

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

REVISIONS						SHEET NO. S-58 TOTAL SHEETS 72
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

DRAWN BY : A. SORSENGINH DATE : 10/30/15  
 CHECKED BY : S. B. WILLIAMS DATE : 11/4/15