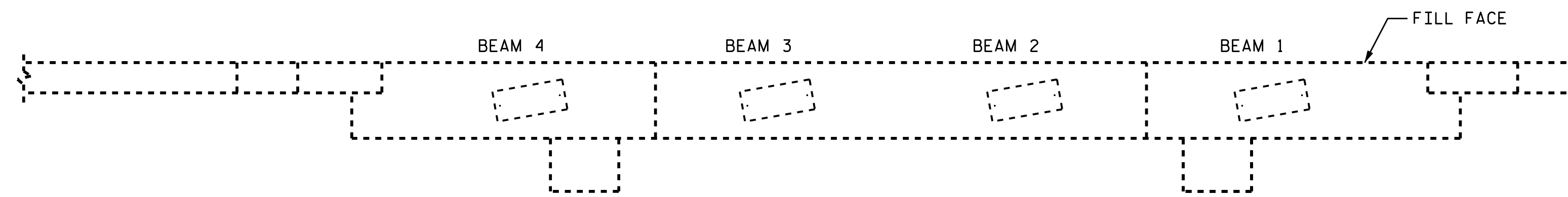


NOTE:

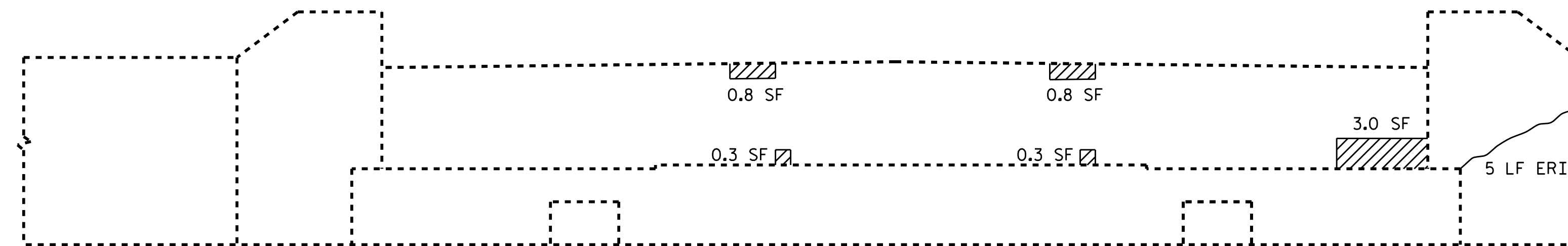
REPAIR LOCATIONS AND ESTIMATE OF QUANTITIES ARE GIVEN WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER SHALL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THE REPAIRS AND ADJUST THE ACTUAL QUANTITIES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





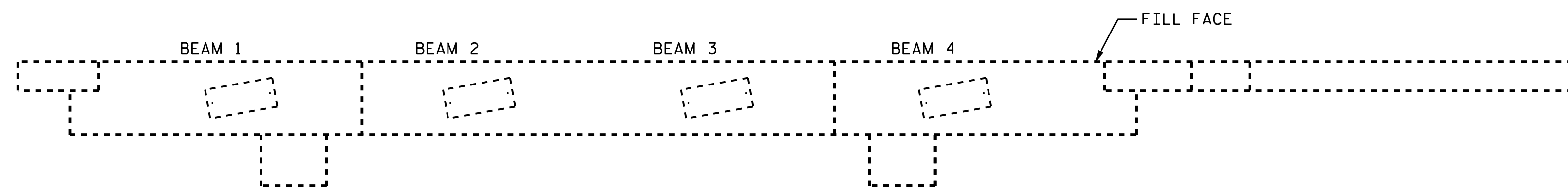
PLAN



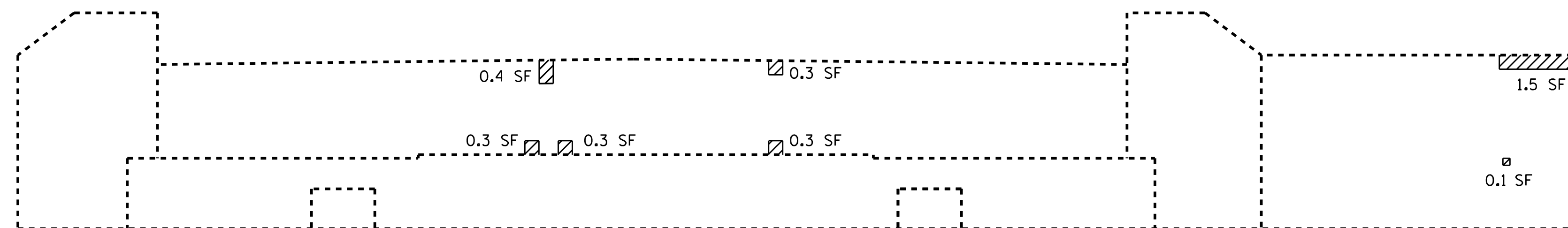
ELEVATION
LOOKING AT FRONT FACE
(NORTH SIDE)

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	5.2	1.3		
CONCRETE REPAIRS				
EPOXY RESIN INJECTION		LN. FT.		LN. FT.
CAP				
CURTAIN WALL		5.0		
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	3.2	0.8		
CONCRETE REPAIRS				
EPOXY RESIN INJECTION		LN. FT.		LN. FT.
CAP				
CURTAIN WALL				
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.: 77

SHEET 1 OF 4



DocuSigned by:
 Ting H. Fang
 E720840097438...
 1/28/2016

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

REVISIONS						SHEET NO. S-68 TOTAL SHEETS 72
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

DRAWN BY : A. SORSENGINH DATE : 11/3/15
 CHECKED BY : S. B. WILLIAMS DATE : 11/5/15