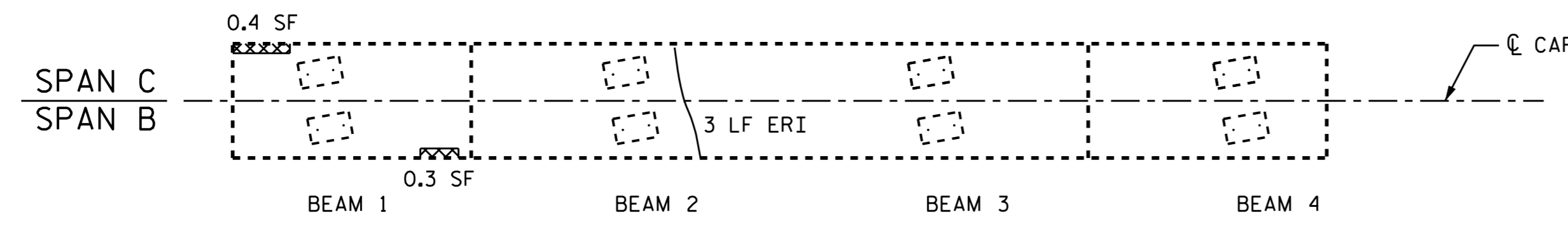


NOTE:

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.

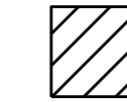
EPOXY COATING SHALL BE APPLIED TO THE TOP FACE OF THE BENT CAP.



TOP OF CAP

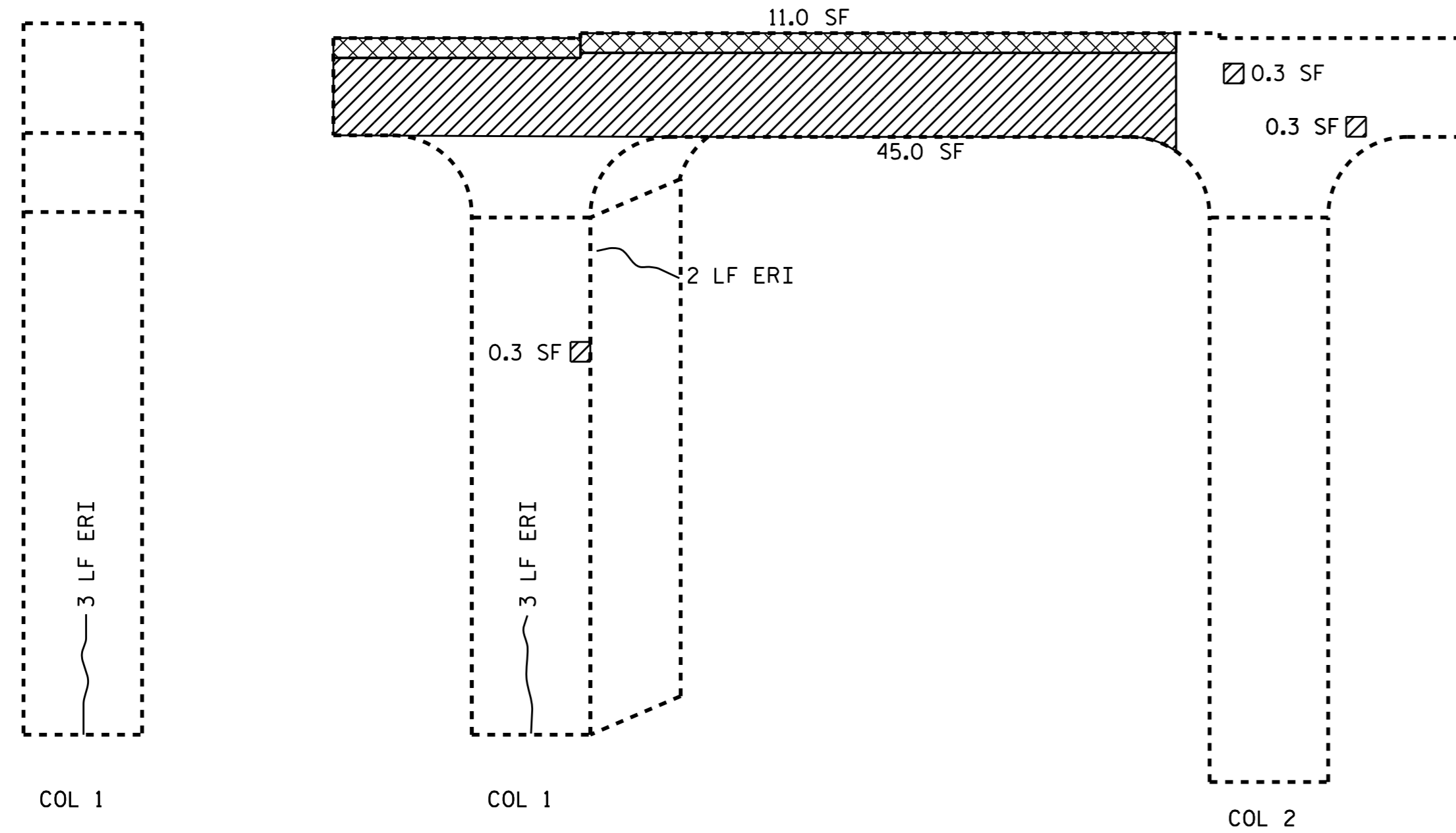


CONCRETE REPAIR



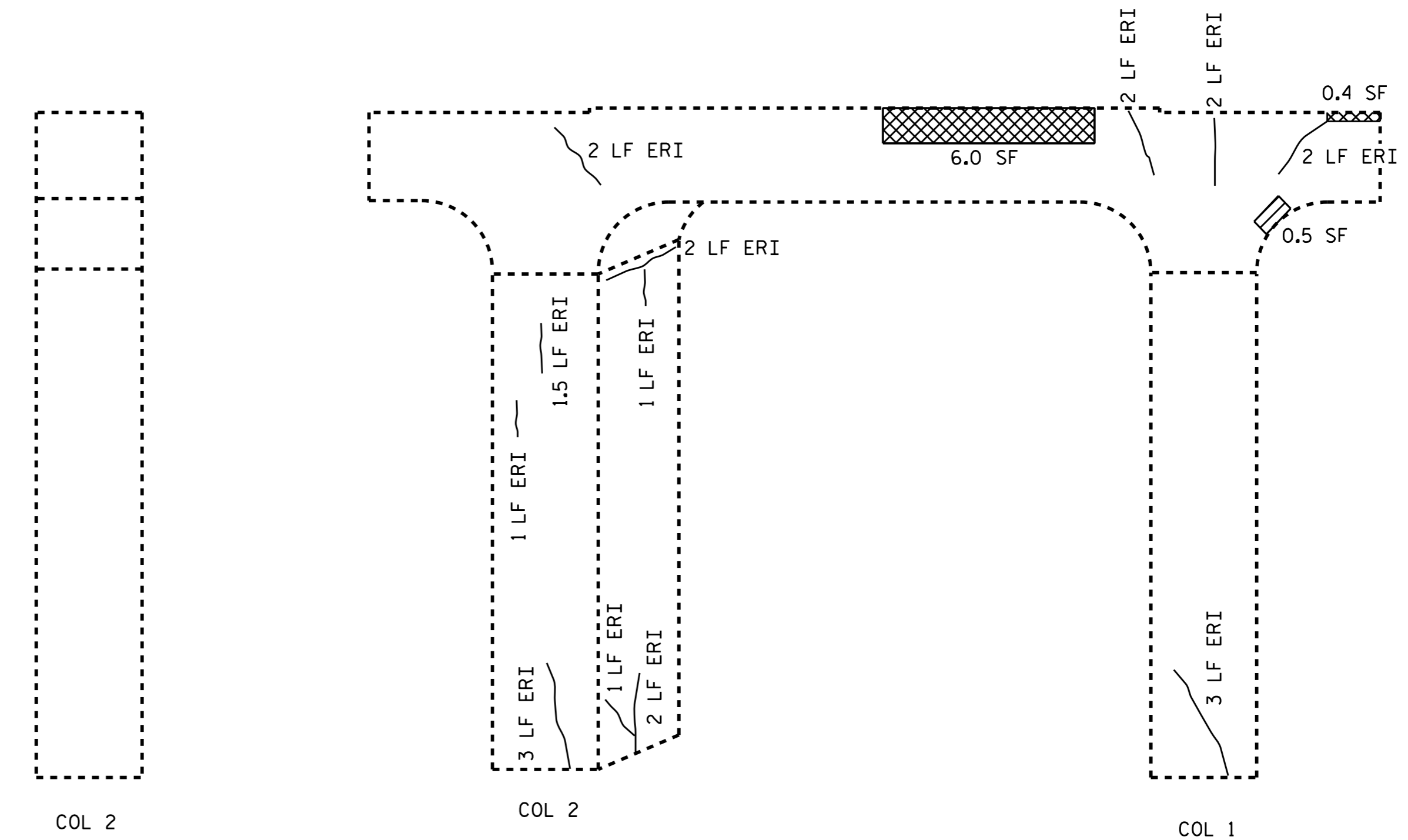
SHOTCRETE REPAIR

ERI - EPOXY RESIN INJECTION



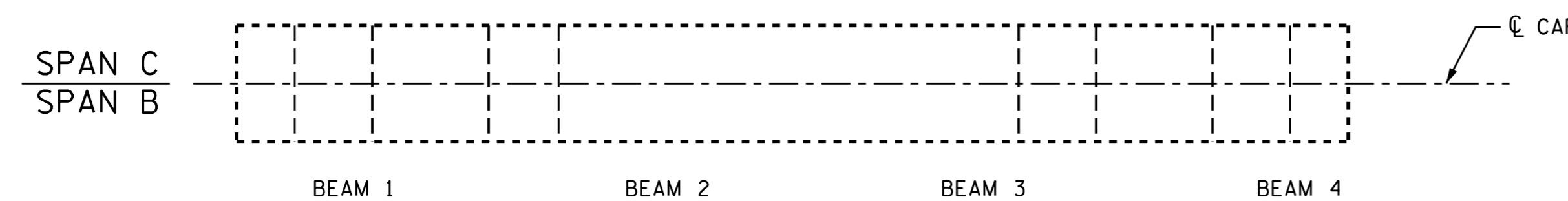
END VIEW
WEST FACE

ELEVATION
SOUTH FACE



END VIEW
EAST FACE

ELEVATION
NORTH FACE



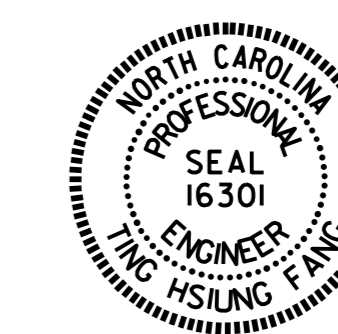
BOTTOM OF CAP

REPAIR QUANTITY TABLE				
REPAIRS BENT 2	QUANTITIES			
	ESTIMATE		ACTUAL	
SHOTCRETE REPAIRS	AREA SF.	VOLUME CF.	AREA SF.	VOLUME CF.
CAP (VERTICAL FACE)	46.1	11.5		
CAP (HORIZONTAL FACE)				
COLUMN (VERTICAL FACE)	0.3	0.1		
CONCRETE REPAIRS	18.1	4.5		
EPOXY RESIN INJECTION		LN. FT.		LN. FT.
CAP		11.0		
COLUMN		22.5		
EPOXY COATING		SO. FT.		SO. FT.
TOP OF CAP		80.2		

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 3 OF 4



DocuSigned by:
Ting Hsiung Fang
ET2088400977435
1/28/2016

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUBSTRUCTURE REPAIR
BENT 2
SBL

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-70
1			3			TOTAL SHEETS
2			4			72

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