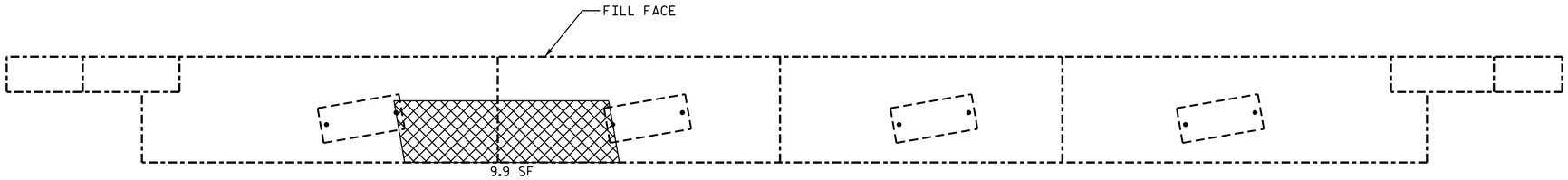
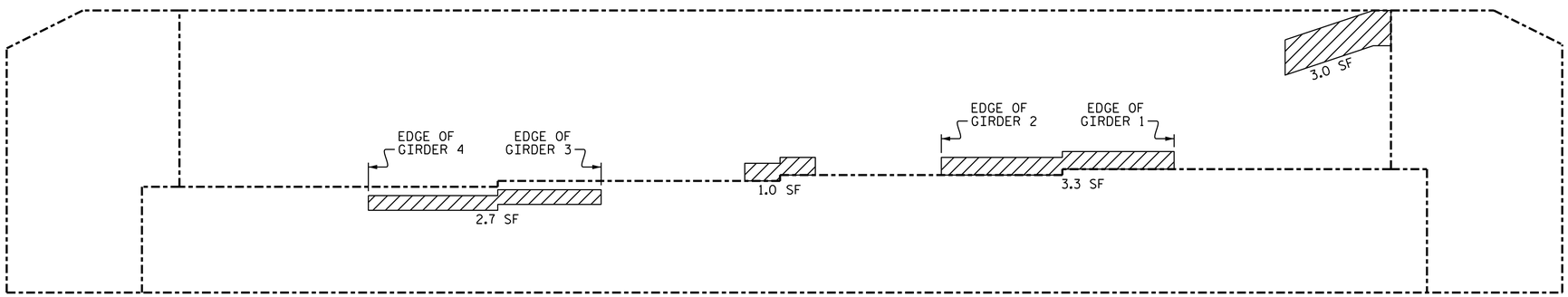


PLAN



ELEVATION

REPAIR QUANTITY TABLE				
REPAIRS END BENT 1	QUANTITIES			
	ESTIMATE		ACTUAL	
SHOTCRETE REPAIRS	AREA SF.	VOLUME CF.	AREA SF.	VOLUME CF.
CAP (VERTICAL FACE)	2.7	0.9		
CAP (HORIZONTAL FACE)	0	0		
CURTAIN WALL (VERTICAL FACE)	7.3	2.4		
CONCRETE REPAIRS	9.9	3.3		
EPOXY RESIN INJECTION		LN. FT.		LN. FT.
CAP		0		
CURTAIN WALL		0		
EPOXY COATING		SQ. FT.		SQ. FT.
TOP OF CAP		73		

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.

CONCRETE REPAIR

SHOTCRETE REPAIR

ERI — EPOXY RESIN INJECTION

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.

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

FOR STRUCTURE REPAIRS, SEE "TYPICAL REPAIR DETAILS" SHEET.

NORTH CAROLINA PROFESSIONAL SEAL 29441 ENGINEER KRISTY W. ALFORD

DocuSigned by:
F245838930BF40E...
12/19/2014

PROJECT NO. I-0914BA
VANCE COUNTY
BRIDGE NO. 54

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE REPAIR

END BENT 1

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	SP-7
1			3			TOTAL SHEETS
2			4			58

DRAWN BY : P.K. NEWTON DATE : 6-20-13
CHECKED BY : T.J. KIRSCHBAUM DATE : 6-24-13

19-DEC-2014 09:10
O:\Structures\Plans\Final Plans\I0914BA_SD_54.dgn
kalford