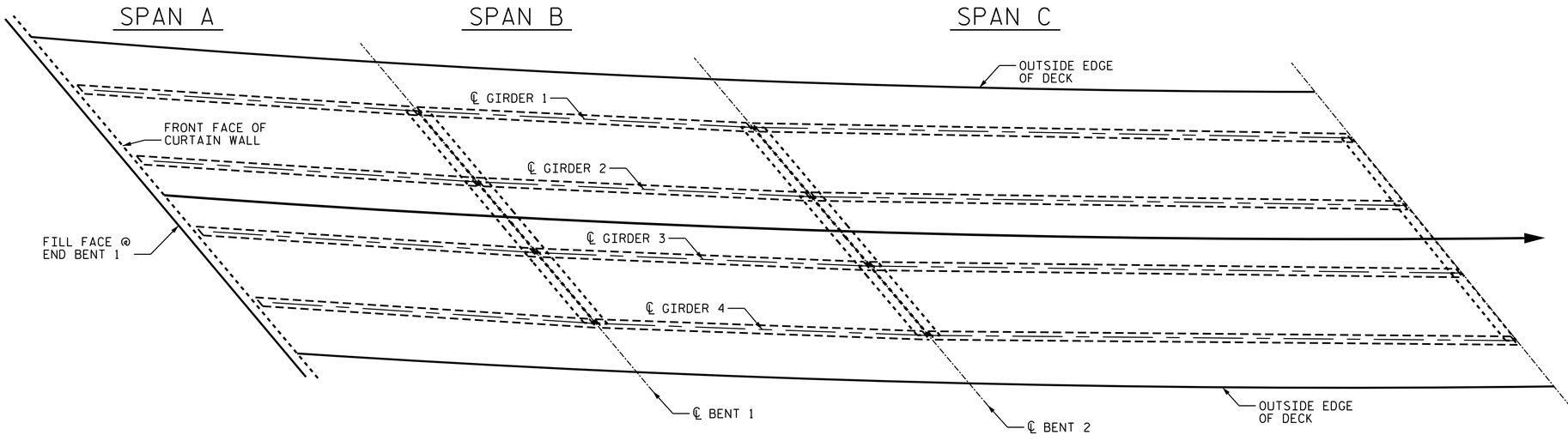
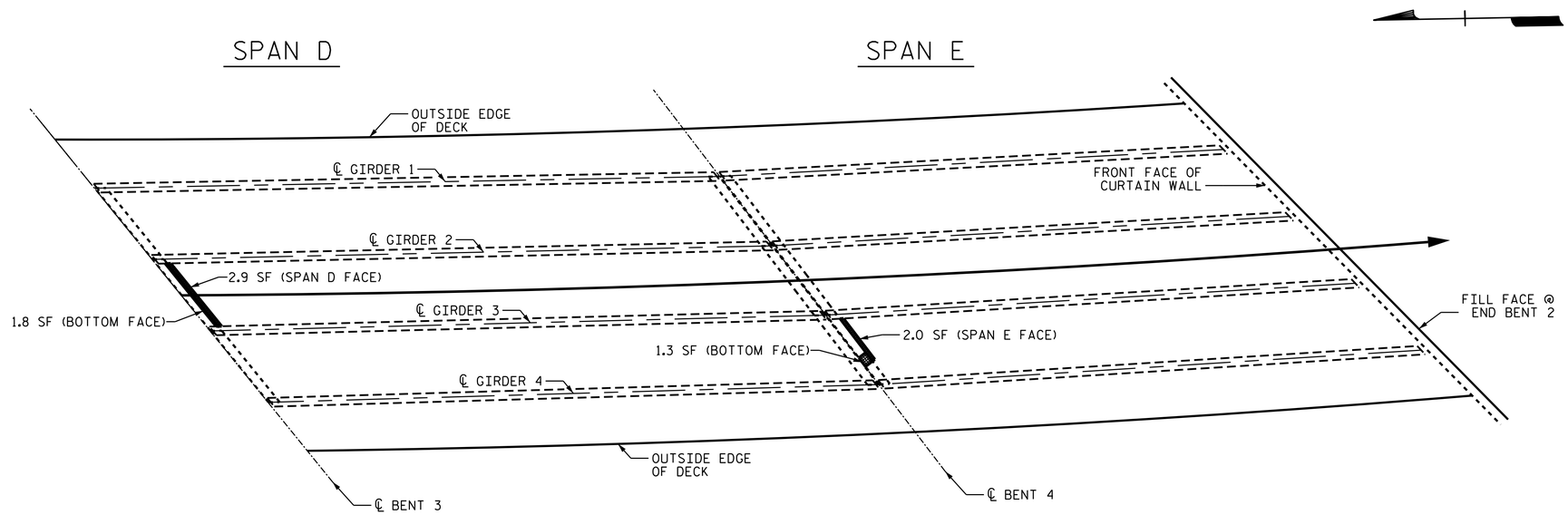


REPAIR QUANTITY TABLE				
REPAIRS ALL SPANS	QUANTITIES			
	ESTIMATE		ACTUAL	
SHOTCRETE REPAIRS	AREA SF.	VOLUME CF.	AREA SF.	VOLUME CF.
DIAPH. (VERTICAL FACES)	0	0		
DIAPH. (HORIZONTAL FACES)	0	0		
CONCRETE REPAIRS	8.0	2.7		
EPOXY RESIN INJECTION		LN. FT.		LN. FT.
DIAPHRAGM		0		
DECK		0		
STRUCTURAL STEEL REPAIR		LBS.		LBS.
BEAMS		1000		

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.

STRUCTURAL STEEL REPAIR QUANTITIES ARE ESTIMATED. FOR STRUCTURAL STEEL REPAIR DETAILS, SEE SHEET SP-25.



PLAN OF DECK BOTTOM

(INTERMEDIATE DIAPHRAGMS NOT SHOWN FOR CLARITY)

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.

INCLUDE 1000 LBS. ASSUMPTION OF STRUCTURAL STEEL IN TOTAL BILL OF MATERIALS TO BE DETERMINED AFTER BLASTING.

REPAIR CONCRETE DIAPHRAGMS AS DIRECTED BY THE ENGINEER.

FOR STRUCTURAL BEAM REPAIRS, SEE "BEAM END AND INTERMEDIATE REPAIR DETAILS" SHEET.

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

CONCRETE REPAIR

SHOTCRETE REPAIR

ERI – EPOXY RESIN INJECTION

PROJECT NO. I-0914BA

VANCE COUNTY

BRIDGE NO. 57

NORTH CAROLINA PROFESSIONAL SEAL 29441 ENGINEER KRISTY W. ALFORD

DocuSigned by: F2458389308F40E...
12/19/2014

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE REPAIR

PLAN OF DECK BOTTOM

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	SP-24
1			3			TOTAL SHEETS
2			4			58

DRAWN BY : D. SHACKELFORD DATE : 11/2013
CHECKED BY : Fr. LEA DATE : 01/2014

19-DEC-2014 10:26
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kalford