

### AS-BUILT REPAIR QUANTITY TABLE

#### DECK UNDERSIDE REPAIRS - SPAN A

	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
<b>SHOTCRETE REPAIRS</b>				
UNDERSIDE OF DECK	0.0	0.0		
CONCRETE DIAPHRAGM	9.1	4.6		
OVERHANG	0.0	0.0		
<b>CONCRETE REPAIRS</b>				
UNDERSIDE OF DECK	0.0	0.0		
CONCRETE DIAPHRAGM	0.0	0.0		
OVERHANG	0.0	0.0		
<b>EPOXY RESIN INJECTION</b>		LIN. FT.		LIN. FT.
UNDERSIDE OF DECK		0.0		
CONCRETE DIAPHRAGM		0.0		
OVERHANG		0.0		

### AS-BUILT REPAIR QUANTITY TABLE

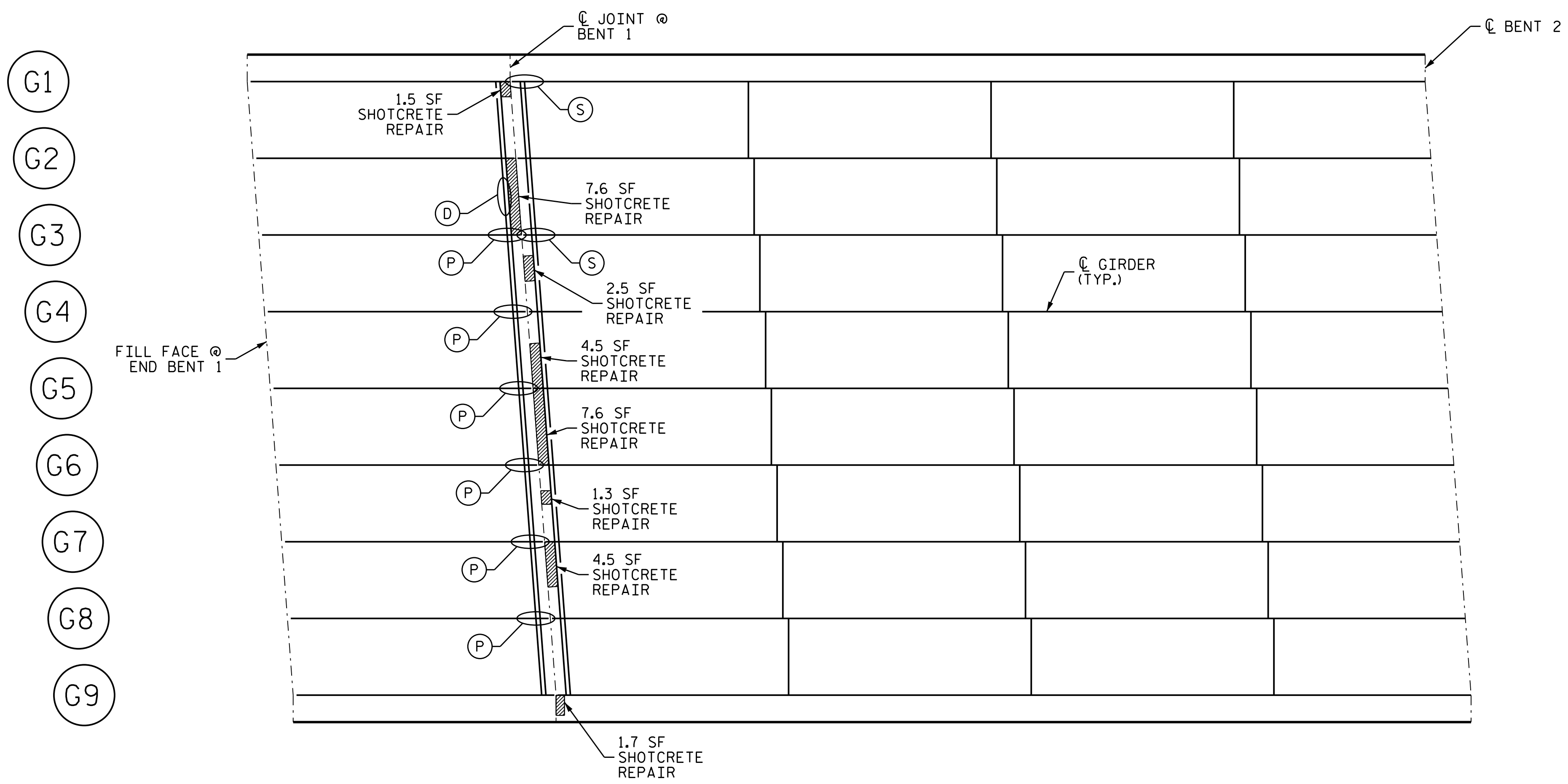
#### DECK UNDERSIDE REPAIRS - SPAN B

	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
<b>SHOTCRETE REPAIRS</b>				
UNDERSIDE OF DECK	0.0	0.0		
CONCRETE DIAPHRAGM	20.4	10.2		
OVERHANG	1.7	0.6		
<b>CONCRETE REPAIRS</b>				
UNDERSIDE OF DECK	0.0	0.0		
CONCRETE DIAPHRAGM	0.0	0.0		
OVERHANG	0.0	0.0		
<b>EPOXY RESIN INJECTION</b>		LIN. FT.		LIN. FT.
UNDERSIDE OF DECK		0.0		
CONCRETE DIAPHRAGM		0.0		
OVERHANG		0.0		

VALUES IN CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MINIMUM OF 1" BEHIND REBAR AND MINIMUM 2" CLEARANCE TO SAWCUT. SEE "OVERHANG, DIAPHRAGM AND BRIDGE RAIL REPAIR DETAILS" SHEET.

#### NOTES

- FOR UNDERSIDE OF DECK REPAIRS. SEE "OVERHANG, DIAPHRAGM AND BRIDGE RAIL REPAIR DETAILS" SHEET.
- FOR OVERHANG REPAIRS. SEE "OVERHANG, DIAPHRAGM AND BRIDGE RAIL REPAIR DETAILS" SHEET.
- FOR BEAM PLATING REPAIR. SEE "BEAM PLATING REPAIR DETAILS" SHEETS.
- FOR BRIDGE JACKING. SEE "JACKING DETAILS" SHEET.



SPAN A

SPAN B

#### ANTICIPATED STEEL REPAIR LOCATIONS

SPAN	BEAM	LOCATION	DIM "A"	DIM "B"	DIM "E"
A	G3	BENT 1		9 1/2"	8"
A	G4	BENT 1		9 1/2"	8"
A	G5	BENT 1		9 1/2"	8"
A	G6	BENT 1		9 1/2"	8"
A	G7	BENT 1		9 1/2"	8"
A	G8	BENT 1		9 1/2"	22"
B	G1	BENT 1	5"	-	
B	G3	BENT 1	6"	-	

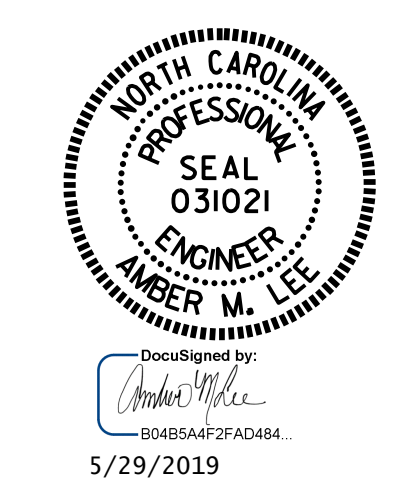
#### BEAM REPAIR QUANTITY TABLE

STEEL PLATES		STIFFENER		STEEL DIAPHRAGM		BRIDGE JACKING	
LBS.		LBS.		LBS.		EA.	
ESTIMATE	ACTUAL	ESTIMATE	ACTUAL	ESTIMATE	ACTUAL	ESTIMATE	ACTUAL
113.1		17.8		155.3		6	

- SHOTCRETE REPAIR AREA
- ERI - EPOXY RESIN INJECTION
- BEAM NUMBER
- BEAM END REPAIR
- PLATING REPAIR
- STIFFENER REPAIR
- CONNECTOR PLATE REPAIR
- STEEL DIAPHRAGM REPLACEMENT
- BOTTOM FLANGE REPAIR

PROJECT NO. 15BPR.40  
BUNCOMBE COUNTY  
 BRIDGE NO. 100481

SHEET 1 OF 2



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
**DECK UNDERSIDE REPAIRS SPANS A & B**

DRAWN BY : R.L.PUTEK DATE : 01/2019  
 CHECKED BY : A.M.LEE DATE : 03/2019

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S1-06
2			4			TOTAL SHEETS 18

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