

### AS-BUILT REPAIR QUANTITY TABLE

#### UNDERSIDE OF DECK 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		
BENT DIAPHRAGM	0.0	0.0		
OVERHANG	2.3	0.8		
<b>CONCRETE REPAIRS</b>				
UNDERSIDE OF DECK	0.0	0.0		
BENT DIAPHRAGM	0.0	0.0		
OVERHANG	0.0	0.0		
<b>EPOXY RESIN INJECTION</b>		LIN. FT.		LIN. FT.
UNDERSIDE OF DECK		0.0		
BENT DIAPHRAGM		1.0		
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 SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.
- FOR CONCRETE REPAIRS, SEE SPECIAL PROVISIONS.
- SHOTCRETE REPAIRS MAY BE REPLACED WITH CONCRETE REPAIRS WITH THE APPROVAL OF ENGINEER.
- FOR EPOXY RESIN INJECTION, SEE SPECIAL PROVISIONS.

- (1) BEAM NUMBER
- (B) BEAM END REPAIR
- (P) PLATING REPAIR
- (S) STIFFENER REPAIR
- (F) BOTTOM FLANGE REPAIR
- (H) HARDWARE REPAIR
- (G) GUSSET PLATE REPAIR
- (L) LATERAL BRACE REPAIR
- (J) TYPE I BRIDGE JACKING

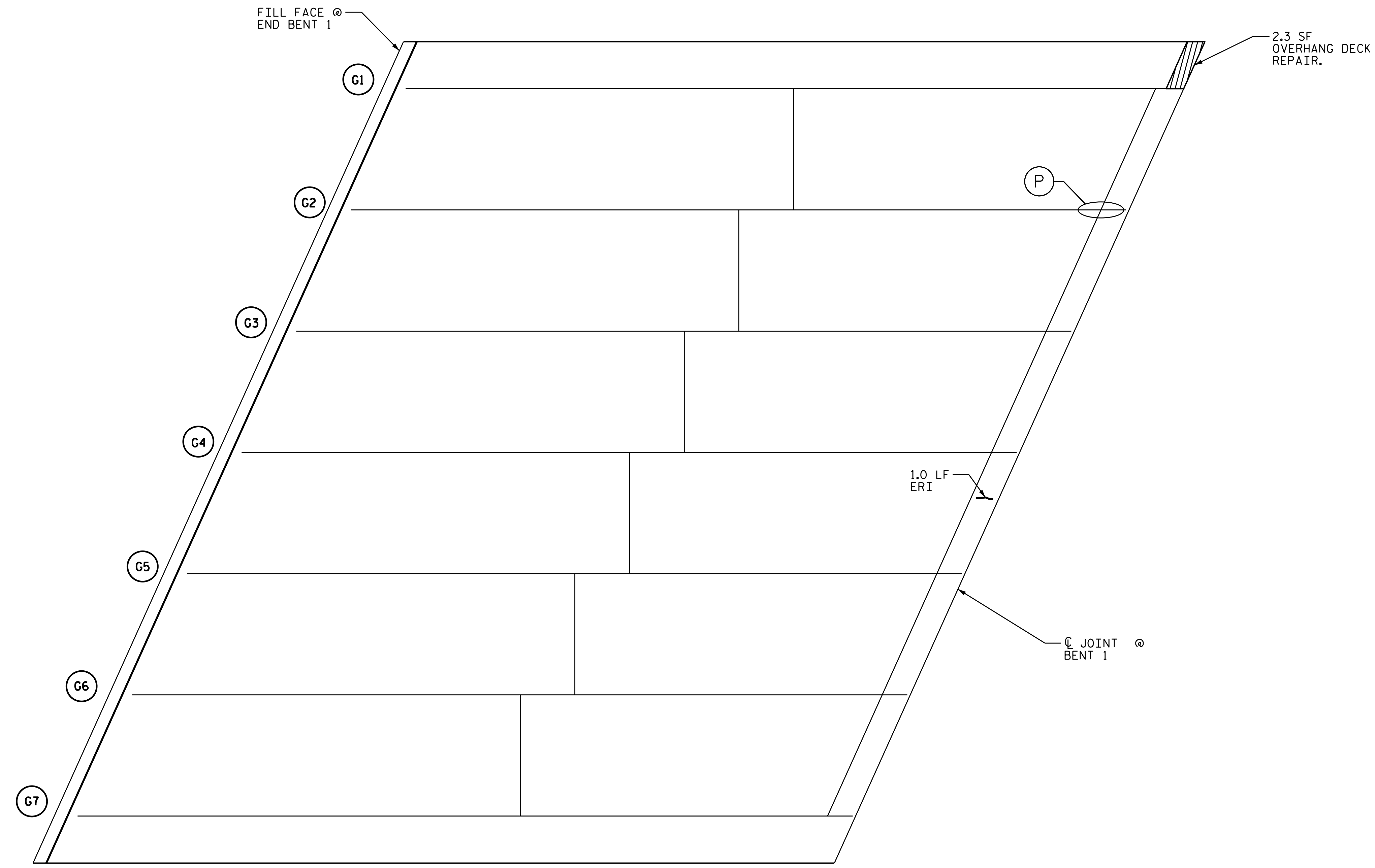
-  SHOTCRETE REPAIR AREA
-  ERI - EPOXY RESIN INJECTION

### BEAM REPAIR QUANTITY TABLE

STEEL PLATES		BRIDGE JACKING		STIFFENER	
LBS.		EA.		LBS.	
ESTIMATE	ACTUAL	ESTIMATE	ACTUAL	ESTIMATE	ACTUAL
52.0		0		0.0	
STEEL LATERAL BRACING		HARDWARE REPAIR		BEAM END REPAIR	
LBS.		LBS.		LBS.	
ESTIMATE	ACTUAL	ESTIMATE	ACTUAL	ESTIMATE	ACTUAL
0.0		0.0		0.0	

### ANTICIPATED STEEL REPAIR LOCATIONS

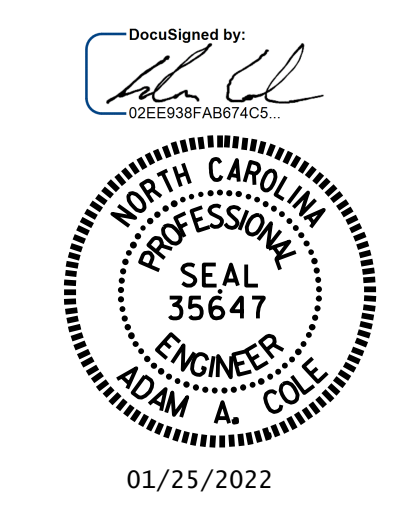
SPAN	BEAM	LOCATION	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"
A	2	BENT 1	4"	73"			
A	2	BENT 1	4"	73"			



PLAN OF SPAN A

PROJECT NO. 15BPR.51  
GASTON COUNTY  
 BRIDGE NO. 350046

SHEET 1 OF 3



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
**DECK UNDERSIDE REPAIR SPAN A**

DRAWN BY : GHOLAMREZA KOUCHEKI DATE : 11/2021  
 CHECKED BY : H.A. LOCKLEAR DATE : 11/2021

NO.	REVISIONS			SHEET NO.
	BY:	DATE:	NO.	
1			3	S1-11
2			4	TOTAL SHEETS 67

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED