

AS-BUILT REPAIR QUANTITY TABLE

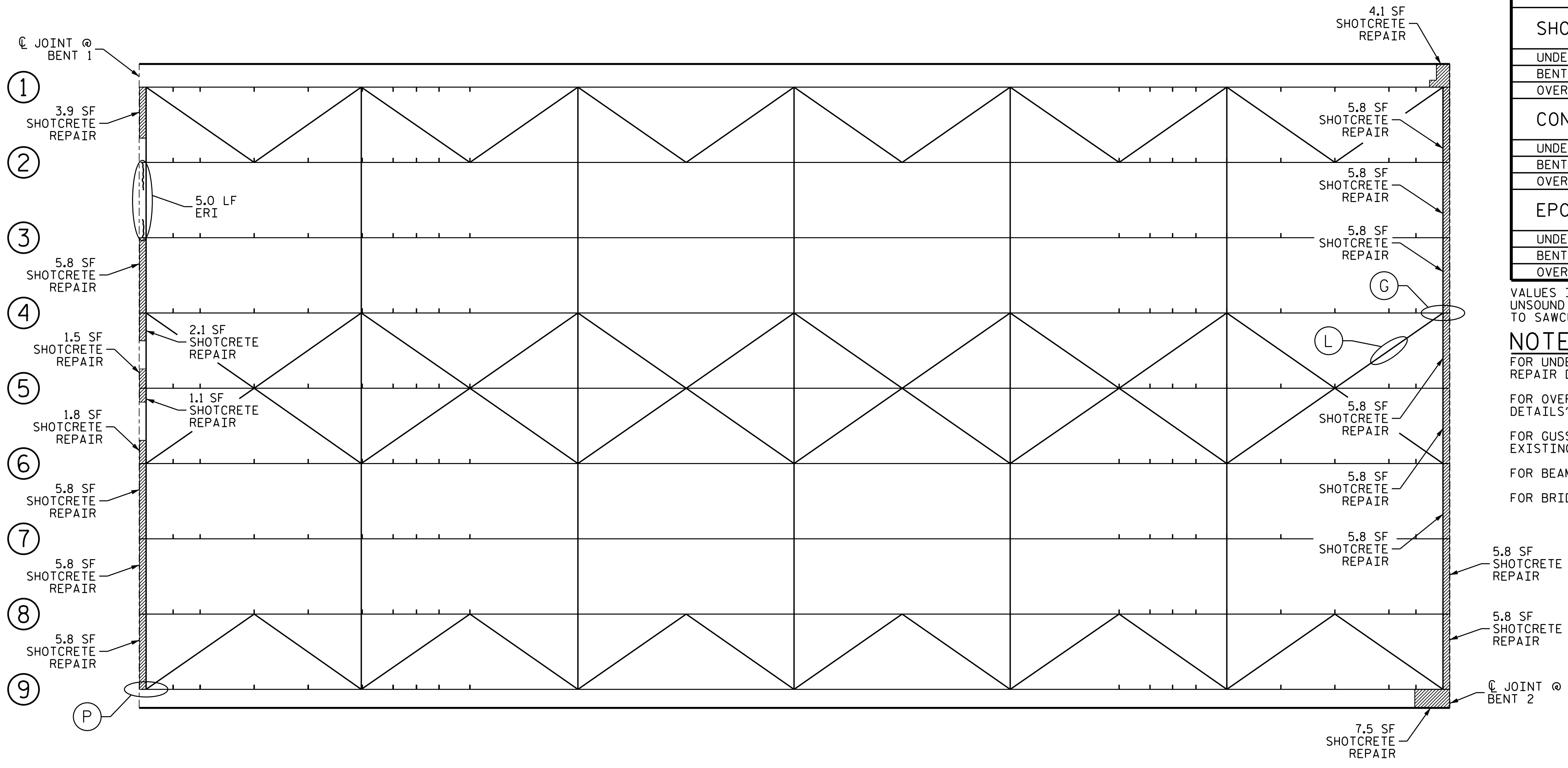
UNDERSIDE OF DECK REPAIRS - SPAN B

SHOTCRETE REPAIRS	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
BENT DIAPHRAGM	80.0	40.0		
OVERHANG	11.6	3.9		
CONCRETE REPAIRS	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
BENT DIAPHRAGM	0.0	0.0		
OVERHANG	0.0	0.0		
EPOXY RESIN INJECTION	LIN. FT.		LIN. FT.	
UNDERSIDE OF DECK	0.0			
BENT DIAPHRAGM	5.0			
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 GUSSET PLATE REPAIR, CONTRACTOR IS TO FIELD VERIFY DIMENSIONS OF EXISTING GUSSET PLATE AND REPLACE WITH LIKE KIND.
- FOR BEAM PLATING REPAIR. SEE "BEAM PLATING REPAIR DETAILS" SHEETS.
- FOR BRIDGE JACKING. SEE "JACKING DETAILS" SHEET.



SPAN B

- ① BEAM NUMBER
- ⓑ BEAM END REPAIR
- Ⓟ PLATING REPAIR
- Ⓢ STIFFENER REPAIR
- ⓕ BOTTOM FLANGE REPAIR
- ⓗ HARDWARE REPAIR
- Ⓒ GUSSET PLATE REPAIR
- Ⓛ LATERAL BRACE REPAIR
- Ⓝ TYPE I BRIDGE JACKING

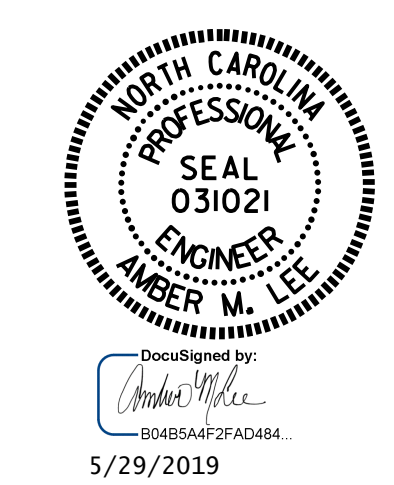
▨ SHOTCRETE REPAIR AREA
 ~~~~~ ERI - EPOXY RESIN INJECTION

| SPAN | BEAM | LOCATION | DIM "A" | DIM "B" | DIM "E" | DIM "F" |
|------|------|----------|---------|---------|---------|---------|
| B    | G9   | BENT 1   | -       | 6 1/2"  | 22"     |         |
|      |      |          |         |         |         |         |
|      |      |          |         |         |         |         |
|      |      |          |         |         |         |         |
|      |      |          |         |         |         |         |
|      |      |          |         |         |         |         |
|      |      |          |         |         |         |         |
|      |      |          |         |         |         |         |
|      |      |          |         |         |         |         |
|      |      |          |         |         |         |         |

| STEEL PLATES          |        | BRIDGE JACKING  |        | STIFFENER       |        |
|-----------------------|--------|-----------------|--------|-----------------|--------|
| LBS.                  |        | EA.             |        | LBS.            |        |
| ESTIMATE              | ACTUAL | ESTIMATE        | ACTUAL | ESTIMATE        | ACTUAL |
| 38.3                  |        | 0               |        | 0.0             |        |
| STEEL LATERAL BRACING |        | HARDWARE REPAIR |        | BEAM END REPAIR |        |
| LBS.                  |        | LBS.            |        | LBS.            |        |
| ESTIMATE              | ACTUAL | ESTIMATE        | ACTUAL | ESTIMATE        | ACTUAL |
| 105.0                 |        | 0.0             |        | 0.0             |        |

PROJECT NO. 15BPR.40  
 BUNCOMBE COUNTY  
 BRIDGE NO. 100495

SHEET 2 OF 2



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

### DECK UNDERSIDE REPAIR SPAN B

DRAWN BY: R.L. PUTEK DATE: 02/2019  
 CHECKED BY: A.M. LEE DATE: 03/2019

| REVISIONS |     |       |     |     |       | SHEET NO.       |
|-----------|-----|-------|-----|-----|-------|-----------------|
| NO.       | BY: | DATE: | NO. | BY: | DATE: |                 |
| 1         |     |       | 3   |     |       | S2-07           |
| 2         |     |       | 4   |     |       | TOTAL SHEETS 14 |