

BEAM REPAIR QUANTITY TABLE

| STEEL PLATES | | STIFFENER | | STEEL BEARING KEEPER ANGLE ASSEMBLY | |
|--------------|--------|-----------|--------|-------------------------------------|--------|
| LBS. | | LBS. | | EA. | |
| ESTIMATE | ACTUAL | ESTIMATE | ACTUAL | ESTIMATE | ACTUAL |
| 0.0 | | 0.0 | | 3 | |

NOTES

REPAIR LOCATIONS AND ESTIMATE OF QUANTITIES ARE BASED ON THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER WILL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATIONS AND DESCRIPTION OF THE REPAIRS AND ENTER THE ACTUAL QUANTITIES INTO THE AS-BUILT REPAIR QUANTITY TABLE.

FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.

SHOTCRETE REPAIRS MAY BE REPLACED WITH CONCRETE REPAIRS WITH THE APPROVAL OF THE ENGINEER.

CONTRACTOR SHALL SAWCUT TO A NOMINAL DEPTH OF 1/2" BUT REINFORCING STEEL SHALL NOT BE DAMAGED.

CONTRACTOR SHALL REMOVE SURFACE CONCRETE TO VERIFY THAT SAWCUT DEPTH WILL NOT DAMAGE EXISTING REINFORCING STEEL.

FOR UNDERSIDE OF DECK AND OVERHANG REPAIRS, SEE "OVERHANG REPAIR DETAILS" SHEET.

FOR EPOXY RESIN INJECTION, SEE SPECIAL PROVISIONS.

PRIOR TO CLEANING AND PAINTING, REPLACE AND/OR TIGHTEN MISSING NUTS AND WASHERS. PAYMENT FOR THE WASHERS AND NUTS SHALL BE CONSIDERED INCIDENTAL TO VARIOUS PAY ITEMS.

FOR STEEL BEARING KEEPER ANGLE ASSEMBLY, SEE SPECIAL PROVISIONS.

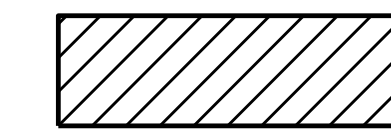
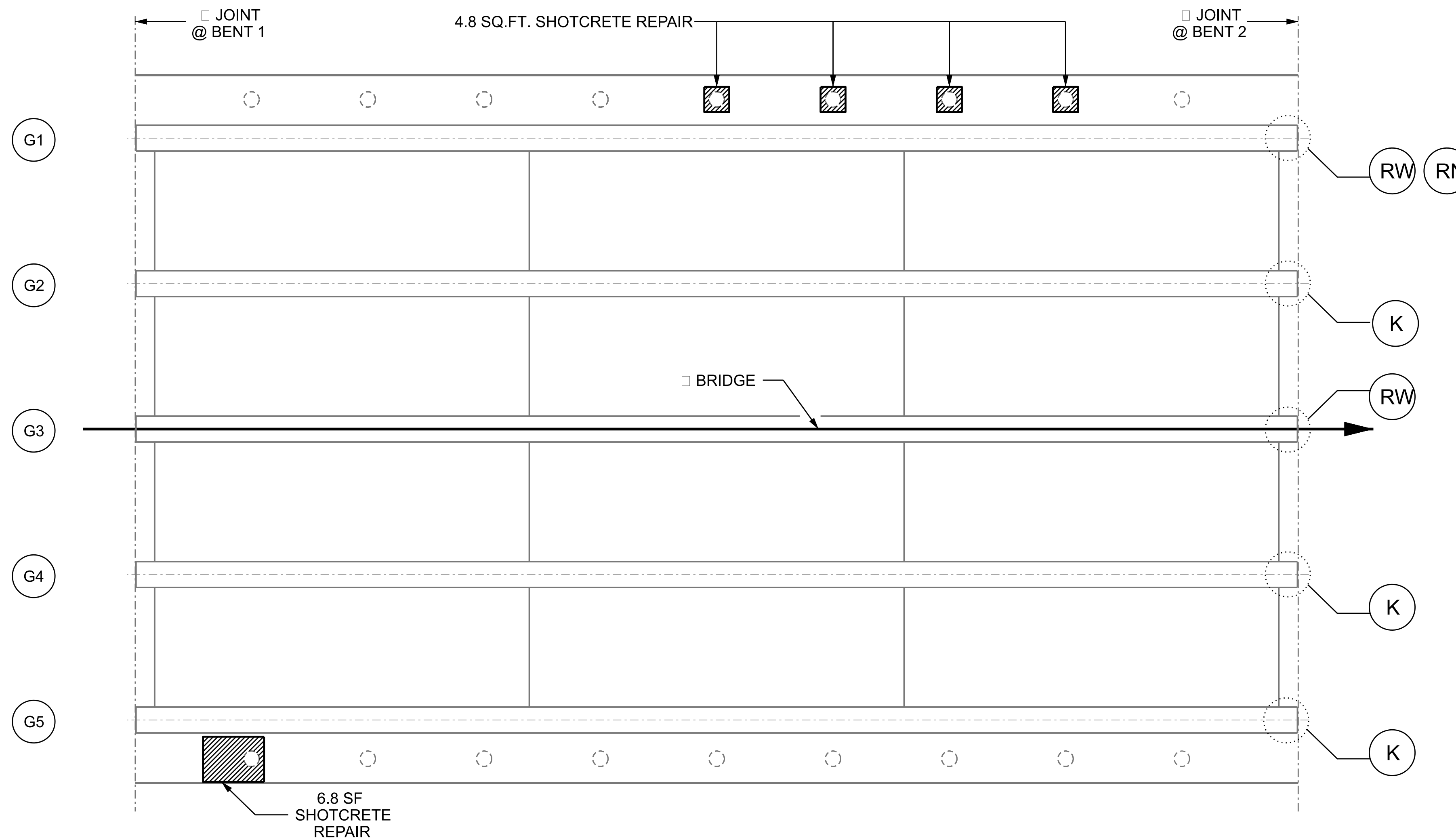
FOR STEEL BEARING KEEPER ANGLE ASSEMBLY DETAILS, SEE "STEEL BEARING KEEPER ANGLE ASSEMBLY DETAILS" SHEET.

AS-BUILT REPAIR QUANTITY TABLE

DECK UNDERSIDE REPAIR - SPAN B

| | ESTIMATE | | ACTUAL | |
|-------------------------|--------------|----------------|--------------|----------------|
| | AREA SQ. FT. | VOLUME CU. FT. | AREA SQ. FT. | VOLUME CU. FT. |
| SHOTCRETE REPAIR | | | | |
| UNDERSIDE OF DECK | 0.0 | 0.0 | | |
| UNDERSIDE OF OVERHANG | 11.6 | 5.8 | | |
| DIAPHRAGM | 0.0 | 0.0 | | |
| OTHER REPAIRS | ESTIMATE | | ACTUAL | |
| | | | | |

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.



SHOTCRETE REPAIR



ERI - EPOXY RESIN INJECTION



REPLACE NUT



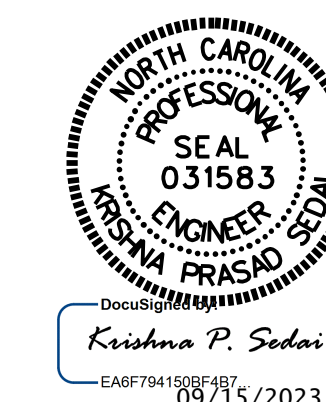
REPLACE WASHER



STEEL BEARING KEEPER ANGLE ASSEMBLY

PROJECT NO. 15BPR.125.3
CHEROKEE COUNTY
 BRIDGE NO. 190009

SHEET 2 OF 5



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

DECK UNDERSIDE REPAIR SPAN B

DRAWN BY : A. SORSENGINH DATE : 6/2022
 CHECKED BY : S. AGUILAR HERNANDEZ DATE : 6/2022

SPAN B

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

| REVISIONS | | | | | | SHEET NO. |
|-----------|-----|-------|-----|-----|-------|--------------|
| NO. | BY: | DATE: | NO. | BY: | DATE: | S1-11 |
| 1 | | | 3 | | | TOTAL SHEETS |
| 2 | | | 4 | | | 25 |