

# AS-BUILT REPAIR QUANTITY TABLE

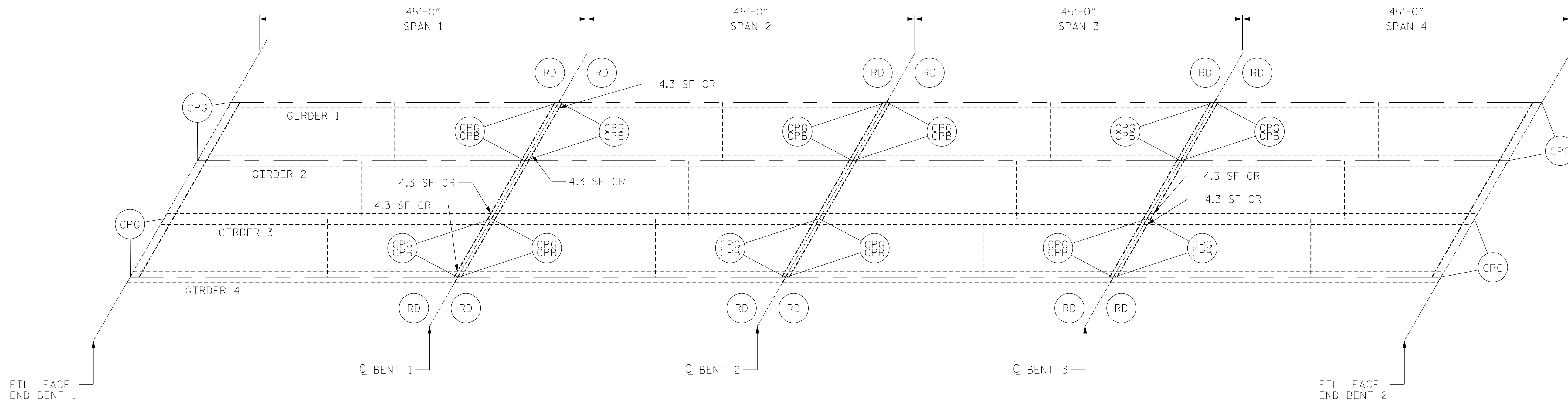
## SUPERSTRUCTURE REPAIRS

|  | SPAN 1   |        | SPAN 2 |        | SPAN 3   |        | SPAN 4 |        |          |        |        |  |
|--|----------|--------|--------|--------|----------|--------|--------|--------|----------|--------|--------|--|
|  | ESTIMATE |        | ACTUAL |        | ESTIMATE |        | ACTUAL |        |          |        |        |  |
|  | AREA     | VOLUME | AREA   | VOLUME | AREA     | VOLUME | AREA   | VOLUME |          |        |        |  |
| CONCRETE REPAIR AREA (CR)                        | 8.6 SF   | 4.4 CF |        |        | 8.6 SF   | 4.4 CF | -- SF  | -- CF  | 8.6 SF   | 4.4 CF |        |  |
| CLEANING & PAINTING EXISTING BEARINGS WITH HRSCA | ESTIMATE |        | ACTUAL |        | ESTIMATE |        | ACTUAL |        | ESTIMATE |        | ACTUAL |  |
|  | 4 EA     |        |        |        | 8 EA     |        |        |        | 4 EA     |        |        |  |

**LEGEND:**

- CPG CLEAN AND PAINT GIRDER ENDS (5 LF)
- CPB CLEAN AND PAINT BEARING
- RD REMOVE END DIAPHRAGM AT OVERHANG
- CR CONCRETE REPAIR AREA

\* QUANTITIES FOR REMOVAL OF DIAPHRAGMS AT OVERHANGS (RD) ARE NOT INCLUDED AND SHALL BE INCIDENTAL TO THE PAY ITEM FOR "CONCRETE REPAIRS".



PLAN

**NOTES:**

REPAIR LOCATIONS AND ESTIMATED QUANTITIES ARE GIVEN WITH 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 ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE TABLE ABOVE.

FOR CONCRETE AND SHOTCRETE REPAIRS, SEE "CONCRETE RESTORATION DETAILS" SHEETS.

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

PRIOR TO CLEANING AND PAINTING STEEL ELEMENTS, REMOVE EXTERIOR DIAPHRAGMS AND A PORTION OF THE INTERIOR DIAPHRAGMS SO AS TO ALLOW FOR CLEANING OF EXISTING STEEL ELEMENTS PRIOR TO PAINTING. SEE DETAILS "RD" AND "RRD".

AFTER THE REMOVAL OF EXTERIOR END DIAPHRAGMS, CUT ANY EXPOSED REBAR FLUSH WITH THE DECK. COAT THE REMAINING EXPOSED REBAR WITH EPOXY. EPOXY WILL BE INCIDENTAL TO THE PAY ITEM FOR "CONCRETE REPAIRS".

FOR DETAILS OF CLEANING AND PAINTING GIRDER ENDS (CPG), REMOVE END DIAPHRAGMS AT OVERHANG (RD), AND REMOVE AND REPAIR DIAPHRAGM ENDS (RRD), SEE "MISCELLANEOUS REPAIRS" SHEET.

FOR CLEANING & PAINTING EXISTING BEARINGS WITH HRSCA, SEE SPECIAL PROVISIONS.

FOR ZONE PAINTING OF EXISTING STRUCTURE, SEE SPECIAL PROVISIONS.

PROJECT NO. I-5915B  
IREDELL COUNTY  
 BRIDGE NO. 480051



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STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

### SUPERSTRUCTURE REPAIRS

DRAWN BY : ALLEN J. MCSWAIN DATE : 01/2022  
 CHECKED BY : JACOB H. DUKE DATE : 01/2022  
 DESIGN ENGINEER OF RECORD: DIEGO A. AGUIRRE DATE : 01/2022

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

| REVISIONS |     |       |     |     |       | SHEET NO.       |
|-----------|-----|-------|-----|-----|-------|-----------------|
| NO.       | BY: | DATE: | NO. | BY: | DATE: |                 |
| 1         |     |       | 3   |     |       | S7-7            |
| 2         |     |       | 4   |     |       | TOTAL SHEETS 12 |