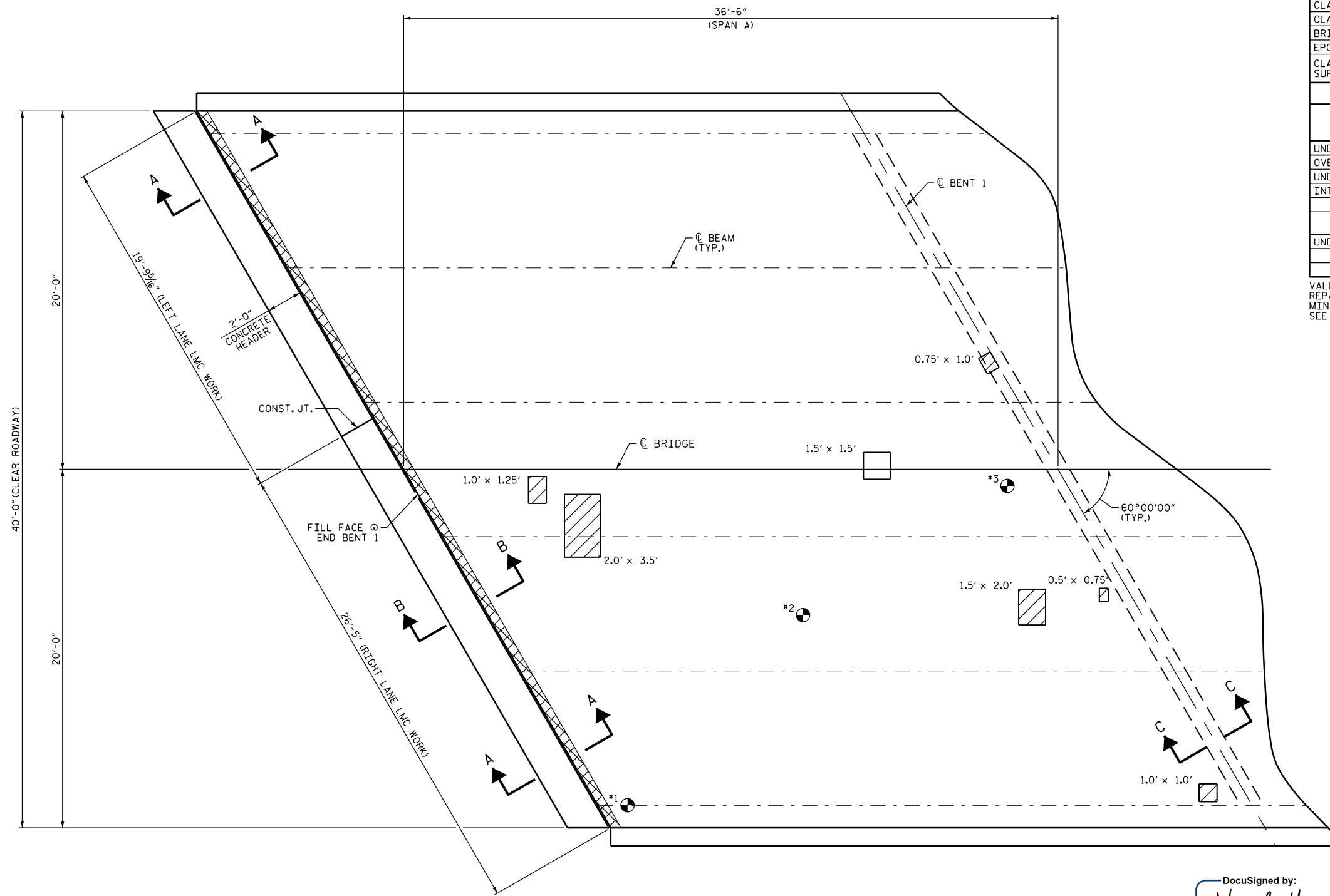


← TO TENNESSEE

→ TO CLYDE



AS-BUILT REPAIR QUANTITY TABLE

| TOP OF DECK REPAIRS | | |
|---|----------|--------|
| | ESTIMATE | ACTUAL |
| SCARIFYING BRIDGE DECK | 159 SY | |
| HYDRO-DEMOLITION OF BRIDGE DECK | 159 SY | |
| CLASS II SURFACE PREPARATION | 1.8 SY | |
| CLASS III SURFACE PREPARATION | 0.0 SY | |
| BRIDGE JOINT DEMOLITION | 23.0 SF | |
| EPOXY RESIN INJECTION | 0.0 LF | |
| CLASS AA CONCRETE FOR CLASS III SURFACE PREPARATION | 0.0 CY | |

| UNDERSIDE OF DECK REPAIRS | | | | |
|---------------------------|----------|-----------|---------|-----------|
| SHOTCRETE REPAIRS | ESTIMATE | | ACTUAL | |
| | AREA SF | VOLUME CF | AREA SF | VOLUME CF |
| UNDERSIDE OF DECK | 0.0 | 0.0 | | |
| OVERHANG DIAPHRAGMS | 0.0 | 0.0 | | |
| UNDERSIDE OF OVERHANG | 0.0 | 0.0 | | |
| INTERIOR DIAPHRAGMS | 0.0 | 0.0 | | |

| | ESTIMATE | ACTUAL |
|---------------------------------|----------|--------|
| UNDERSIDE EPOXY RESIN INJECTION | 0.0 LF | |

VALUES IN CHARTS REPRESENT ESTIMATED UNDERSIDE OF DECK REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MIN. OF 1" BEHIND REBAR AND MIN. 1" CLEAR TO SAWCUT. SEE REPAIR DETAILS.

- APPROX. CLASS II AREA
- APPROX. CLASS III AREA
- BRIDGE JOINT DEMOLITION
- UNDERSIDE REPAIR
- DIAPHRAGM REPAIR
- #1 TEST LOCATION
- ERI EPOXY RESIN INJECTION

PROJECT NO. I-5756
HAYWOOD COUNTY
 BRIDGE NO. 223

SHEET 1 OF 3

DocuSigned by:
John A. Yannaccone
 7BC36E9C68



3/21/2016

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

PLAN OF SPAN SPAN A

| REVISIONS | | | | | | SHEET NO. |
|-----------|-----|-------|-----|-----|-------|--------------|
| NO. | BY: | DATE: | NO. | BY: | DATE: | S-49 |
| 1 | | | 3 | | | TOTAL SHEETS |
| 2 | | | 4 | | | 122 |

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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 AS-BUILT REPAIR QUANTITY TABLE.

CONCRETE COVER FOR TOP BARS IN THE DECK SLAB IS 1 1/2" PER THE EXISTING BRIDGE PLANS.

PRIOR TO PLACEMENT OF THE LMC OVERLAY ACROSS THE CONTINUOUS DECK SPANS, THE CONTRACTOR SHALL SUBMIT A POUR SEQUENCE FOR APPROVAL BY THE ENGINEER.

FOR SECTIONS A-A, B-B AND C-C, SEE "JOINT DETAILS" SHEET.

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

PLAN

| TEST LOCATION | CONCRETE STRENGTH (PSI) |
|---------------|-------------------------|
| #1 | 6500 |
| #2 | 6990 |
| #3 | 8520 |

INFORMATION IN CHART TAKEN FROM DECK EVALUATION DATED 10/12/2015.

DRAWN BY: S. WANCE DATE: 11/15
 CHECKED BY: J. YANNACCONE DATE: 12/15