








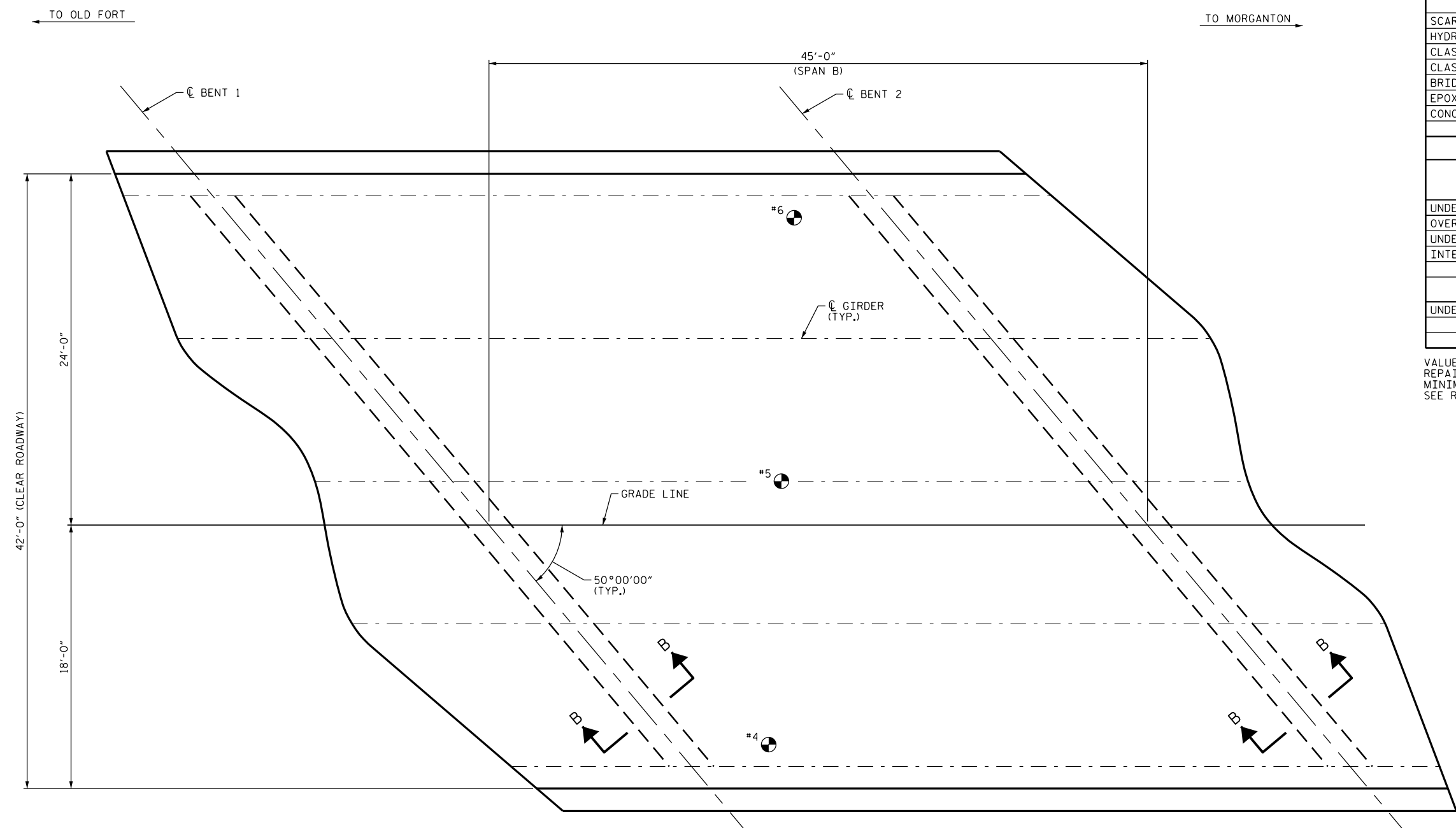
AS-BUILT REPAIR QUANTITY TABLE

| TOP OF DECK REPAIRS | | |
|---------------------------------|-----------|--------|
| | ESTIMATE | ACTUAL |
| SCARIFYING BRIDGE DECK | 210 SY | |
| HYDRO-DEMOLITION OF BRIDGE DECK | 210 SY | |
| CLASS II SURFACE PREPARATION | 10.0 SY * | |
| CLASS III SURFACE PREPARATION | 0.5 SY * | |
| BRIDGE JOINT DEMOLITION | 0.0 SF | |
| EPOXY RESIN INJECTION | 0.0 LF | |
| CONCRETE FOR DECK REPAIR | 2.9 CF * | |

| 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, MINIMUM OF 1" BEHIND REBAR AND MINIMUM 2" 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



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.

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

FOR SECTION B-B, SEE "JOINT DETAILS" SHEET.

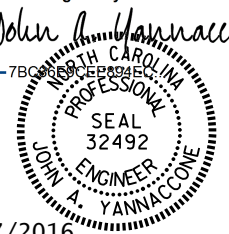
FOR UNDERSIDE OF DECK AND DIAPHRAGM REPAIRS, SEE "OVERHANG AND DIAPHRAGM REPAIRS DETAILS" SHEET.

* CLASS II SURFACE PREPARATION, CLASS III SURFACE PREPARATION AND CONCRETE FOR DECK REPAIR ARE NOT ANTICIPATED. TOKEN PAY ITEMS ARE INDICATED FOR PRICING PURPOSES IN CASE UNANTICIPATED CLASS II OR CLASS III AREAS ARE ENCOUNTERED.

PLAN

| TEST LOCATION | CONCRETE COVER (INCH) | CONCRETE STRENGTH (PSI) |
|---------------|-----------------------|-------------------------|
| #4 | 2 1/2" * | 4,000 |
| #5 | 2 1/2" * | 4,320 |
| #6 | 2 1/2" * | 3,840 |

INFORMATION IN CHART TAKEN FROM DECK EVALUATION DATED 5/2/2016.
 * CONCRETE COVER FOR TOP BARS IN THE DECK IS PER THE EXISTING BRIDGE PLANS.

DocuSigned by:
John A. Yannaccone
 78C...

 9/27/2016

PROJECT NO. I-5809
McDOWELL COUNTY
 BRIDGE NO. 155

SHEET 2 OF 4

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**PLAN OF SPAN
 SPAN B**

DRAWN BY : J. YANNACCONE DATE : 07/16
 CHECKED BY : S. WANCE DATE : 07/16

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

| REVISIONS | | | | | | SHEET NO. |
|-----------|-----|-------|-----|-----|-------|--------------|
| NO. | BY: | DATE: | NO. | BY: | DATE: | TOTAL SHEETS |
| 1 | | | 3 | | | S-61 |
| 2 | | | 4 | | | 68 |