








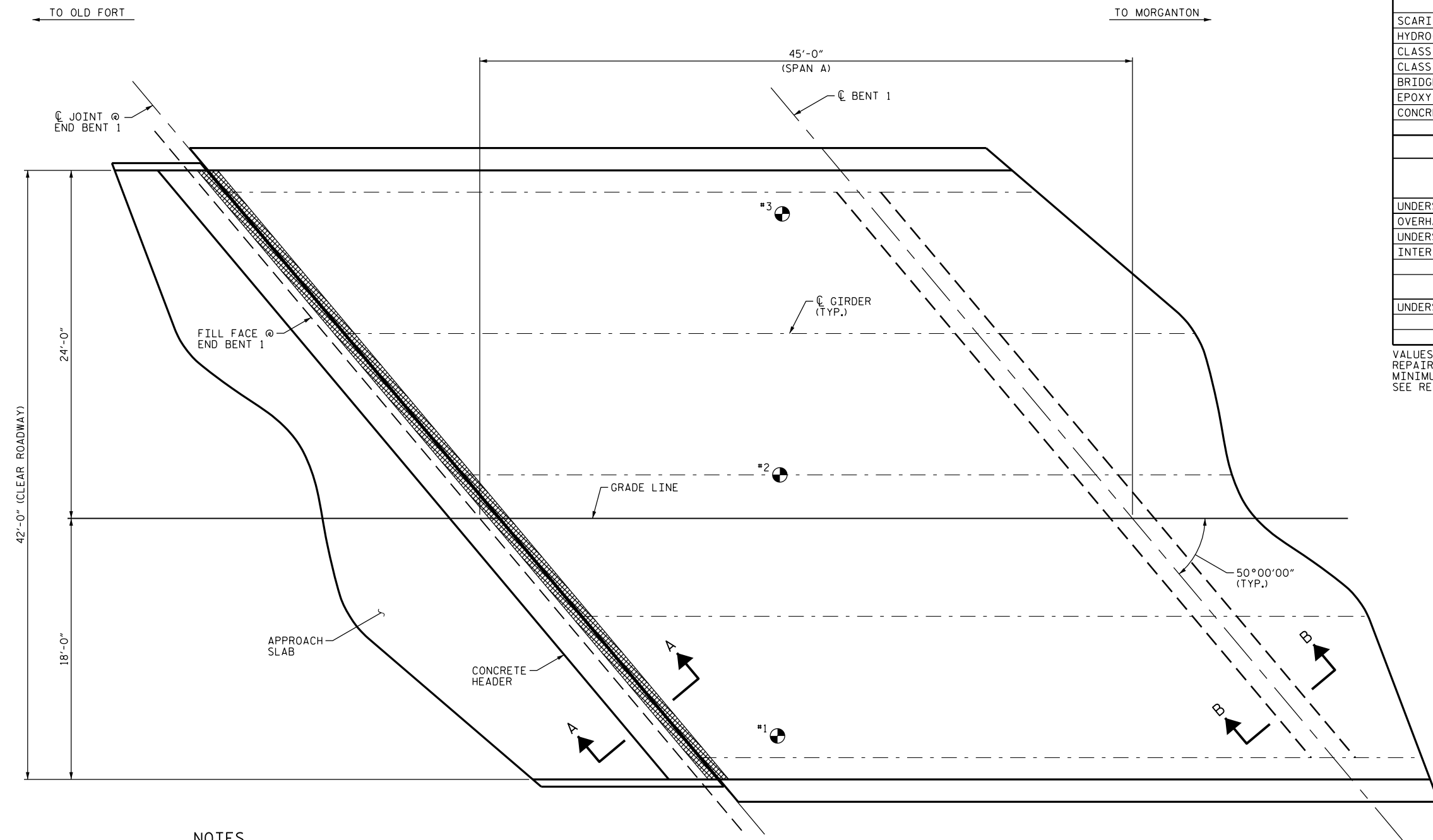
AS-BUILT REPAIR QUANTITY TABLE

TOP OF DECK REPAIRS		
	ESTIMATE	ACTUAL
SCARIFYING BRIDGE DECK	214 SY	
HYDRO-DEMOLITION OF BRIDGE DECK	214 SY	
CLASS II SURFACE PREPARATION	10.0 SY *	
CLASS III SURFACE PREPARATION	0.5 SY *	
BRIDGE JOINT DEMOLITION	55.0 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



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 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.

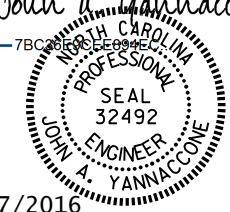
FOR SECTION B-B, SEE "JOINT DETAILS" SHEET.

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.

TEST LOCATION	CONCRETE COVER (INCH)	CONCRETE STRENGTH (PSI)
#1	2 1/2" *	4,040
#2	2 1/2" *	4,400
#3	2 1/2" *	3,960

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
7BC20F8E699E

9/27/2016

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

SHEET 1 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

PLAN OF SPAN
SPAN A

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

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			S-60
2			4			68

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED