



- ① BEAM NUMBER
- Ⓟ BEAM END REPAIR
- Ⓟ PLATING REPAIR
- Ⓢ STIFFENER REPAIR
- Ⓞ DIAPHRAGM REPAIR
- ⓇⓇ REMOVE & RESET BEARINGS

NOTES

FOR BEAM REPAIR DETAILS, SEE "BEAM END AND INTERMEDIATE REPAIR DETAILS" AND "BEAM PLATING REPAIR DETAILS" SHEETS.

FOR BRIDGE JACKING DETAILS, SEE "JACKING DETAILS" SHEET.

THE LOCATIONS AND DIMENSIONS OF THE AREAS FOR REPAIR ARE BASED ON THE BEST INFORMATION AVAILABLE. THE CONTRACTOR, IN CONJUNCTION WITH THE ENGINEER, SHALL VERIFY THE LOCATION AND EXTENT OF REPAIR AREAS PRIOR TO STEEL FABRICATION.

ALL BEARINGS REMOVED FOR CONCRETE REPAIRS TO THE BENTS SHALL BE CLEANED, PAINTED AND RESET, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL BE PAID UNDER THE CONTRACT UNIT PRICE FOR "REMOVE AND RESET BEARINGS".

ALL ANCHOR BOLTS, WASHERS, NUTS, SPACERS AND SLEEVES SHALL BE REMOVED AND REPLACED WHERE BEARINGS ARE REMOVED AND RESET, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL BE PAID UNDER THE CONTRACT UNIT PRICE FOR "REMOVE AND RESET BEARINGS".

ANCHOR BOLTS SHALL MEET THE REQUIREMENTS OF ASTM A449. NUTS SHALL MEET THE REQUIREMENTS OF AASHTO M291-DH OR AASHTO M292-2H. WASHERS SHALL MEET THE REQUIREMENTS OF AASHTO M293. SHOP DRAWINGS ARE NOT REQUIRED FOR ANCHOR BOLTS, NUTS AND WASHERS. SHOP INSPECTION IS REQUIRED.

THE CONTRACTOR SHALL ENSURE THAT EXISTING UTILITIES ADJACENT TO THE BRIDGE ARE NOT DAMAGED DURING THE REPAIR OPERATIONS.

BEAM & BEARING REPAIR LOCATIONS

(OTHER LOCATIONS MAY EXIST, SEE NOTES)

PROJECT NO. I-5892
BUNCOMBE COUNTY
 BRIDGE NO. 429

SHEET 2 OF 2

DocuSigned by:
John A. Yannaccone
 7BC...
 NORTH CAROLINA
 PROFESSIONAL
 SEAL
 32492
 ENGINEER
 JOHN A. YANNACCONE
 1/21/2017

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
**BEAM AND BEARING REPAIRS
 SPANS D & E**

DRAWN BY : R.L. PUTEK DATE : 06/16
 CHECKED BY : S. WANCE DATE : 10/16

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-45
1			3			TOTAL SHEETS
2			4			68