



**BEAM REPAIR LOCATIONS**  
(OTHER LOCATIONS MAY EXIST, SEE NOTES)

- Ⓑ BEAM END REPAIR
- Ⓕ FLANGE REPAIR
- Ⓖ STIFFENER REPAIR
- ① BEAM NUMBER

**NOTES**

FOR BEAM REPAIR DETAILS, SEE "BEAM REPAIR DETAILS" SHEET.

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.

FOR FLANGE REPAIR ON BEAM 3 IN SPAN B, REMOVE DISTORTED FLANGE MATERIAL THAT EXTENDS ABOVE THE BOTTOM FLANGE LIMITS. AFTER REMOVAL OF EXCESS MATERIAL, GRIND THE REMAINING FLANGE AREA SMOOTH AND LEVEL WITH THE EXISTING FLANGE.

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

ANTICIPATED BEAM REPAIR LOCATIONS						
SPAN	BEAM	LOCATION	DIM "A"	DIM "B"	DIM "C"	DIM "D"
B	3	MIDSPAN				SEE NOTES FOR FLANGE REPAIR

PROJECT NO. I-5756  
HAYWOOD COUNTY  
 BRIDGE NO. 183

SHEET 1 OF 2

DocuSigned by:  
*John A. Yannaccone*  
 7BC36E5...  
 PROFESSIONAL ENGINEER  
 SEAL 32492  
 JOHN A. YANNACCONE

3/21/2016

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**BEAM REPAIR LOCATIONS**

DRAWN BY : R. BRANNON DATE : 09/15  
 CHECKED BY : J. YANNACCONE DATE : 12/15

21-MAR-2016 13:14  
 R:\Structures\Final Drawings\430183\183\_50\_FP.dgn  
 Jayannaccone

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			S-6
2			4			122