



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

- ⓑ BEAM END REPAIR
- ⓕ FLANGE REPAIR
- Ⓢ STIFFENER REPAIR
- Ⓚ STEEL KEEPER ANGLE ASSEMBLY
- ① BEAM NUMBER

**NOTES**

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 BEAM REPAIR, SEE SPECIAL PROVISIONS.

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

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

FOR STEEL KEEPER ANGLE ASSEMBLY DETAILS, SEE "STEEL KEEPER ANGLE ASSEMBLY DETAILS" SHEET.

FOR STEEL KEEPER ANGLE ASSEMBLY, SEE SPECIAL PROVISIONS.

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	2	BENT 1	3"	—	—	—
B	5	BENT 1	2"	—	—	—
C	5	BENT 3	2"	—	—	—
C	6	BENT 3	1'-0"	—	—	—
E	5	BENT 4	3"	—	—	—
E	6	BENT 4	1'-0"	—	—	—

PROJECT NO. I-5756  
HAYWOOD COUNTY  
 BRIDGE NO. 228  
 SHEET 1 OF 2

DocuSigned by:  
*John A. Yannaccone*  
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 NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 32492  
 JOHN A. YANNACCONI  
 3/21/2016

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**BEAM REPAIR LOCATIONS**

DRAWN BY : H. T. BARBOUR DATE : 11/15  
 CHECKED BY : J. YANNACCONI DATE : 11/15

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-75
1			3			TOTAL SHEETS
2			4			122

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED