



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

ANTICIPATED BEAM REPAIR LOCATIONS						
SPAN	BEAM	LOCATION	DIM "A"	DIM "B"	DIM "C"	DIM "D"
A	1	BENT 1	6"	5'-0"	—	—
A	3	BENT 1	6"	—	—	—
B	1	BENT 1	1'-2"	2'-9"	—	—
B	2	BENT 1	6"	—	—	—
B	3	BENT 1	8"	—	—	—
B	5	BENT 1	2'-6"	6"	—	—
B	4	BENT 2	5"	—	—	—
B	4	BENT 2	6"	—	—	—
C	1	BENT 2	2'-6"	1'-4"	1'-2"	2'-8"
C	2	BENT 2	4"	—	—	—
C	3	BENT 2	3"	—	—	—
C	4	BENT 2	5"	—	—	—
C	5	BENT 2	4"	—	—	—

- ① BEAM NUMBER
- ⓑ BEAM END REPAIR
- Ⓟ PLATING REPAIR
- Ⓢ STIFFENER REPAIR
- Ⓞ DIAPHRAGM REPAIR

**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.

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

BEAM REPAIR QUANTITY TABLE							
BEAM END REPAIR		PLATING REPAIR		STIFFENER REPAIR		DIAPHRAGM REPAIR	
LBS.		LBS.		LBS.		LBS.	
ESTIMATE	ACTUAL	ESTIMATE	ACTUAL	ESTIMATE	ACTUAL	ESTIMATE	ACTUAL
585		220		55		—	

PROJECT NO. I-5892  
BUNCOMBE COUNTY  
 BRIDGE NO. 421

DocuSigned by:  
*John A. Yannaccone*  
 7BC36E08-5E90-4590-8000-000000000000  
  
 1/21/2017

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH			
<b>BEAM REPAIR LOCATIONS</b>			
REVISIONS			
NO.	BY:	DATE:	SHEET NO.
1			S-21
2			TOTAL SHEETS 68

DRAWN BY : CL BRIGHT DATE : 06/16  
 CHECKED BY : S. WANCE DATE : 06/16