

FRAMING PLAN

○ GIRDER, CONNECTION PLATE AND END DIAPHRAGM REPAIR.

NOTES:

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

ALL WELDING SHALL BE IN ACCORDANCE WITH CURRENT AWS SPECIFICATIONS. WELD MATERIAL SHALL BE E70XX.

PLATE SIZES ARE BASED ON BEST INFORMATION AVAILABLE. ENGINEER SHALL VERIFY EXTENTS OF REPAIR AND PLATE SIZES PRIOR TO PLATE FABRICATION.

CONTRACTOR SHALL CLEAN EXISTING STEEL SURFACES IN REPAIR AREA BEFORE PERFORMING REPAIRS.

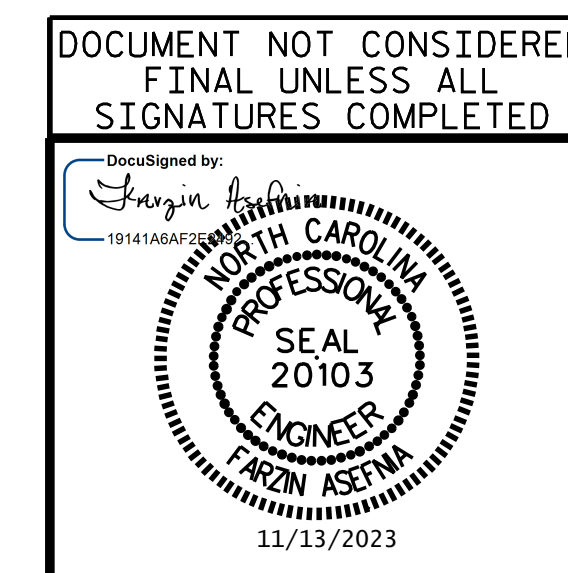
ANTICIPATED BEAM REPAIR LOCATIONS

SPAN	BEAM	LOCATION	DIM. "A"	DIM. "B"
B	3	BENT 1- BAY 2	52"	11"
B	3	BENT 1- BAY 3	52"	12"
B	4	BENT 1- BAY 3	52"	11"
B	4	BENT 1- BAY 4	52"	12"
B	5	BENT 1- BAY 4	52"	11"
B	5	BENT 1- EXT	52"	12"

BEAM REPAIR QUANTITY TABLE

BEAM END REPAIR	
LBS.	
ESTIMATE	ACTUAL
306	-

PROJECT NO. I-5941
DURHAM COUNTY
 BRIDGE NO. 310355



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GIRDER ENDS REPAIR LOCATION

DRAWN BY : M. HOGAN DATE : 3/2023
 CHECKED BY : JIA XU DATE : 7/2023
 DESIGN ENGINEER OF RECORD : F. ASEFNIA DATE : 11/2023

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S4-8
2			4			TOTAL SHEETS 14

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