

NOTES

FOR BEAM PLATE REPAIRS, SEE "BEAM REPAIR PLATING DETAILS" SHEET.

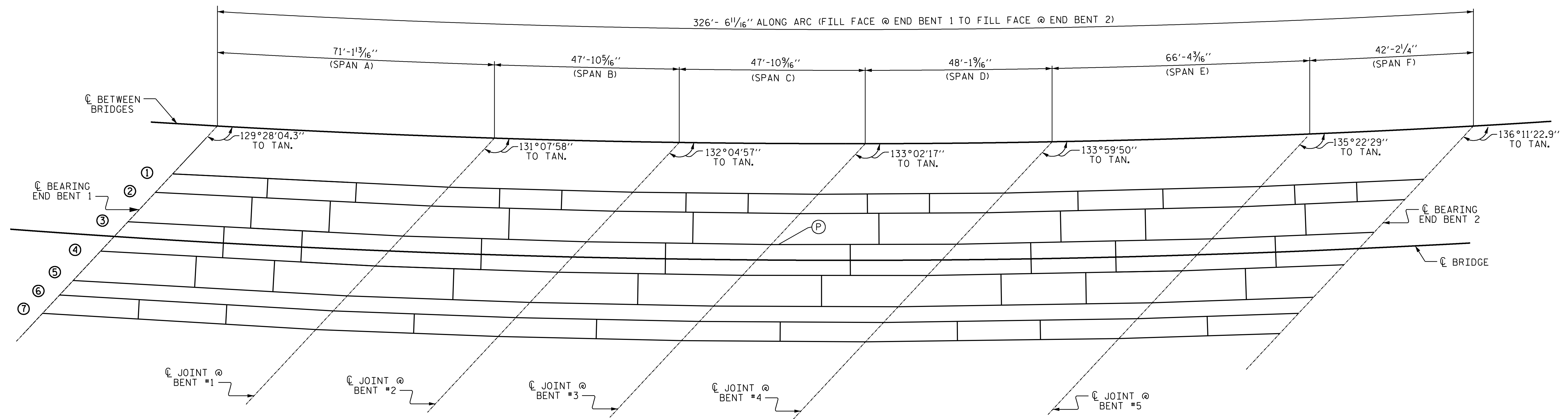
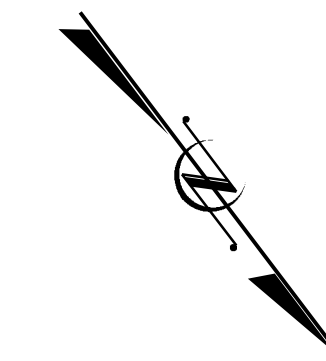
FOR BEAM CUT-OUT REPAIRS, SEE "BEAM REPAIR CUT-OUT DETAILS" SHEET.

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 EXTENTS OF REPAIR AREAS PRIOR TO STEEL FABRICATION. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER WILL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THE REPAIRS AND ENTER THE QUANTITIES ON INTO THE REPAIR QUANTITY TABLE.

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

REPLACEMENT OF MISSING OR DETERIORATED NUTS IS INCIDENTAL TO THE COST FOR VARIOUS BEAM REPAIR PAY ITEMS.

- ① BEAM NUMBER
- Ⓑ BEAM REPAIR CUT-OUT
- Ⓟ BEAM REPAIR PLATING
- ⓕ FLANGE PLATE REPAIR
- Ⓢ STIFFENER REPAIR
- Ⓝ REPLACE ANCHOR BOLT NUT



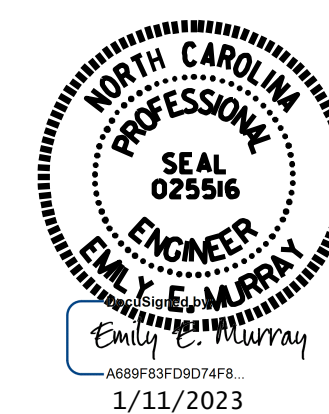
GIRDER REPAIR LOCATIONS
(OTHER LOCATIONS MAY EXIST, SEE NOTES)

ANTICIPATED BEAM REPAIR LOCATIONS							
SPAN	BEAM	TYPE	LOCATION	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'
* D	3	P	BENT 3	10"	8"		

* BEAM PLATE REPAIR IS LOCATED AT TOP OF WEB 18" FROM END OF BEAM

BEAM REPAIR							
BEAM REPAIR CUT-OUT		BEAM REPAIR PLATING		STIFFENER REPAIR		DIAPHRAGM REPAIR	
LBS.		LBS.		LBS.		LBS.	
ESTIMATE	ACTUAL	ESTIMATE	ACTUAL	ESTIMATE	ACTUAL	ESTIMATE	ACTUAL
		32					

PROJECT NO. I-5927
POLK COUNTY
 BRIDGE NO. 740048



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

BEAM REPAIR LOCATIONS

VOLKERT
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 Raleigh, NC 27607
 Tel. 919-854-0344 Fax. 919-854-0355
 NC License No. F-0765

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			S-40
2			4			79

DRAWN BY : R.G.BEAUCHAMP DATE : 7/21
 CHECKED BY : E. MURRAY DATE : 12/22

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED