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REPAIR QUANTITY TABLE

GIRDER REPAIR		
	ESTIMATE	ACTUAL
REPAIR TO PRESTRESSED CONCRETE GIRDERS	3.3 CF	
CLEANING AND PAINTING EXISTING BEARING PLATES	32 EA	
EPOXY COATING CONCRETE GIRDER ENDS	420 SF	

- ⓐ PRESTRESSED CONCRETE GIRDER REPAIR
- ⓑ CLEANING AND PAINTING EXISTING BEARING PLATES
- ⓒ BEAM END EPOXY COATING

NOTES

REPAIR LOCATIONS AND ESTIMATED QUANTITIES ARE GIVEN WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER WILL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATIONS AND DESCRIPTION OF THE REPAIRS AND ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE REPAIR QUANTITY TABLE.

MINIMUM CONCRETE COVER FOR PRESTRESSING STRANDS IN THE GIRDERS IS 1 3/4" PER THE EXISTING BRIDGE PLANS.

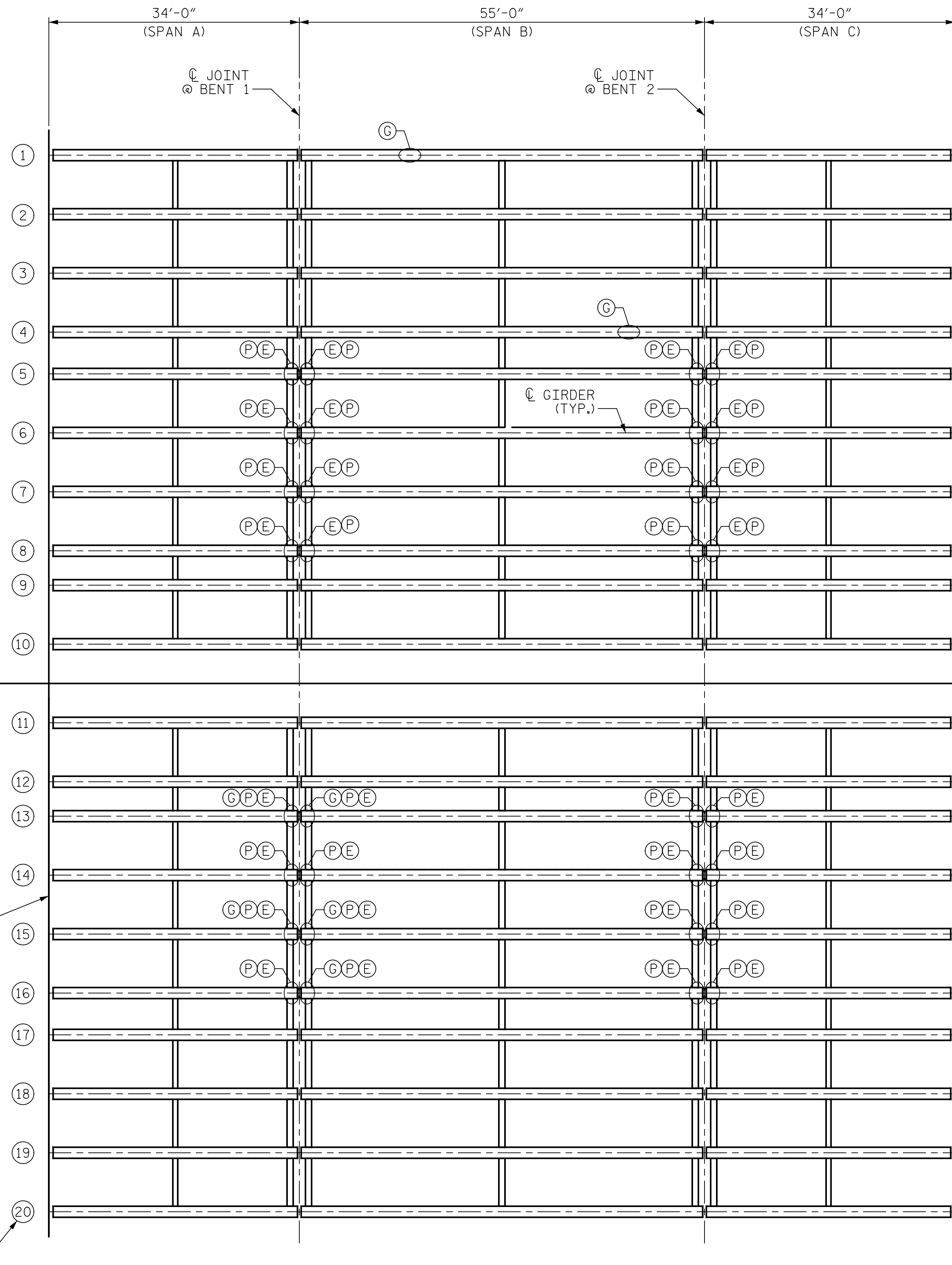
AT THE LOCATIONS NOTED, GIRDER ENDS SHALL BE EPOXY COATED AFTER GIRDER REPAIRS ARE COMPLETED. FOR EPOXY PROTECTIVE COATING SEE SPECIAL PROVISIONS.

FOR GIRDER REPAIRS AND LIMITS OF EPOXY PROTECTIVE COATING, SEE "PRESTRESSED CONCRETE GIRDER REPAIR DETAILS" SHEET.

FOR CLEANING AND PAINTING EXISTING BEARING PLATES, SEE SPECIAL PROVISIONS.

ANTICIPATED REPAIR LOCATIONS

SPAN	GIRDER	LOCATION	DESCRIPTION
A	5-8	BENT 1	CUT EXCESS STRANDS/EPOXY COATING/CLEAN & PAINT BEARING
A	13	BENT 1	WEB 8" X 4" X 1" SPALL
A	13-16	BENT 1	CUT EXCESS STRANDS/EPOXY COATING/CLEAN & PAINT BEARING
A	15	BENT 1	BOTTOM FLANGE 3" X 3" X 3" SPALL
B	1	MID-SPAN	BOTTOM FLANGE 6" X 2" X 1/2" SPALL
B	4	MID-SPAN	BOTT. FLANGE 8'-0" X 1'-0" X 2 1/2" SPALL WITH EXPOSED STRANDS
B	5-8	BENT 2	CUT EXCESS STRANDS/EPOXY COATING/CLEAN & PAINT BEARING
B	5-8	BENT 3	CUT EXCESS STRANDS/EPOXY COATING/CLEAN & PAINT BEARING
B	13	BENT 1	BOTT. FLANGE 1'-0" X 1'-0" X 3" SPALL WITH EXPOSED STRANDS
B	13-16	BENT 2	CUT EXCESS STRANDS/EPOXY COATING/CLEAN & PAINT BEARING
B	13-16	BENT 3	CUT EXCESS STRANDS/EPOXY COATING/CLEAN & PAINT BEARING
B	15	BENT 1	BOTTOM FLANGE 8" X 8" DELAMINATION
B	16	BENT 1	BOTTOM FLANGE 9" X 10" DELAMINATION
C	5-8	BENT 2	CUT EXCESS STRANDS/EPOXY COATING/CLEAN & PAINT BEARING
C	13-16	BENT 2	CUT EXCESS STRANDS/EPOXY COATING/CLEAN & PAINT BEARING



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



← TO GLENWOOD AVENUE

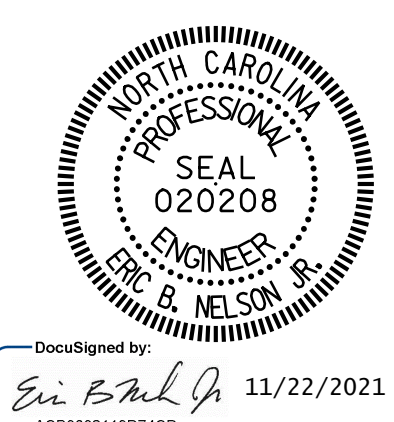
← CL MEDIAN → TO SIX FORKS ROAD

FILL FACE @ END BENT 1

FILL FACE @ END BENT 2

BEAM NUMBER (TYP.)

PROJECT NO. I-5997
WAKE COUNTY
 BRIDGE NO. 910267 & 910268



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GIRDER REPAIR LOCATIONS

DRAWN BY : J. MYA DATE : 08/2021
 CHECKED BY : J. YANACCONI DATE : 09/2021
 DESIGN ENGINEER OF RECORD: R. NELSON DATE : 09/2021

PLANS PREPARED BY:
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DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-59
1			3			TOTAL SHEETS
2			4			82