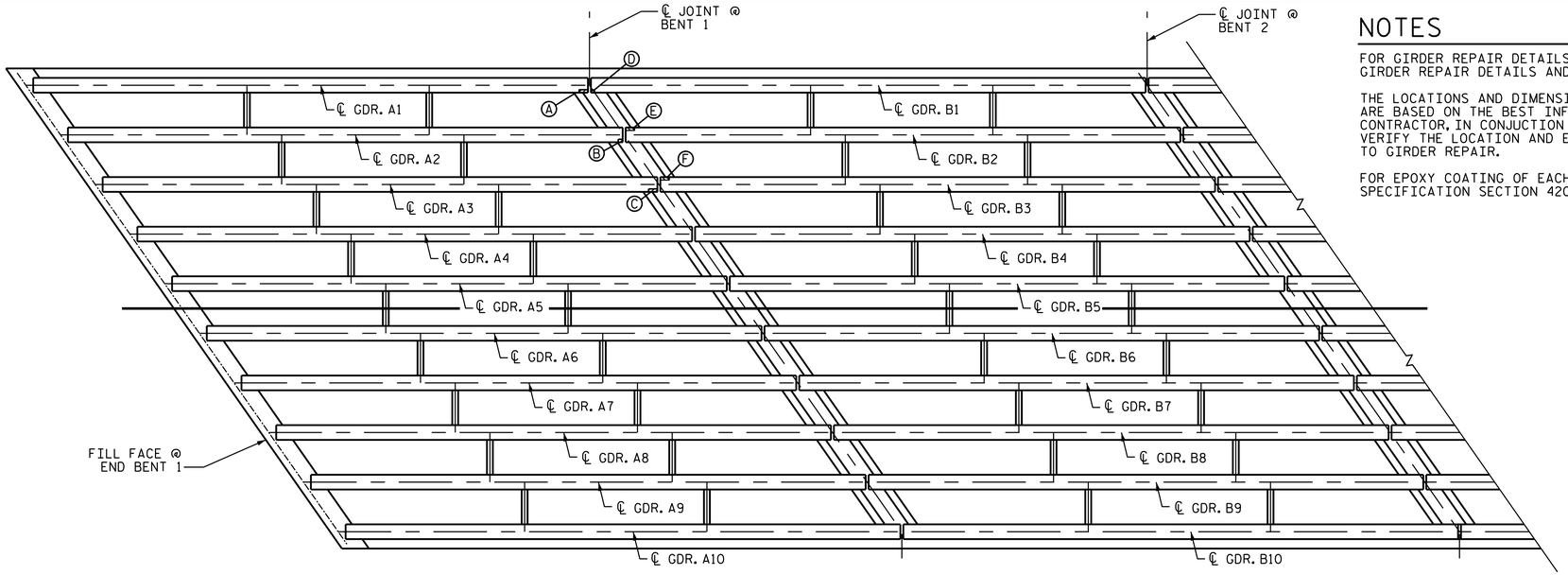
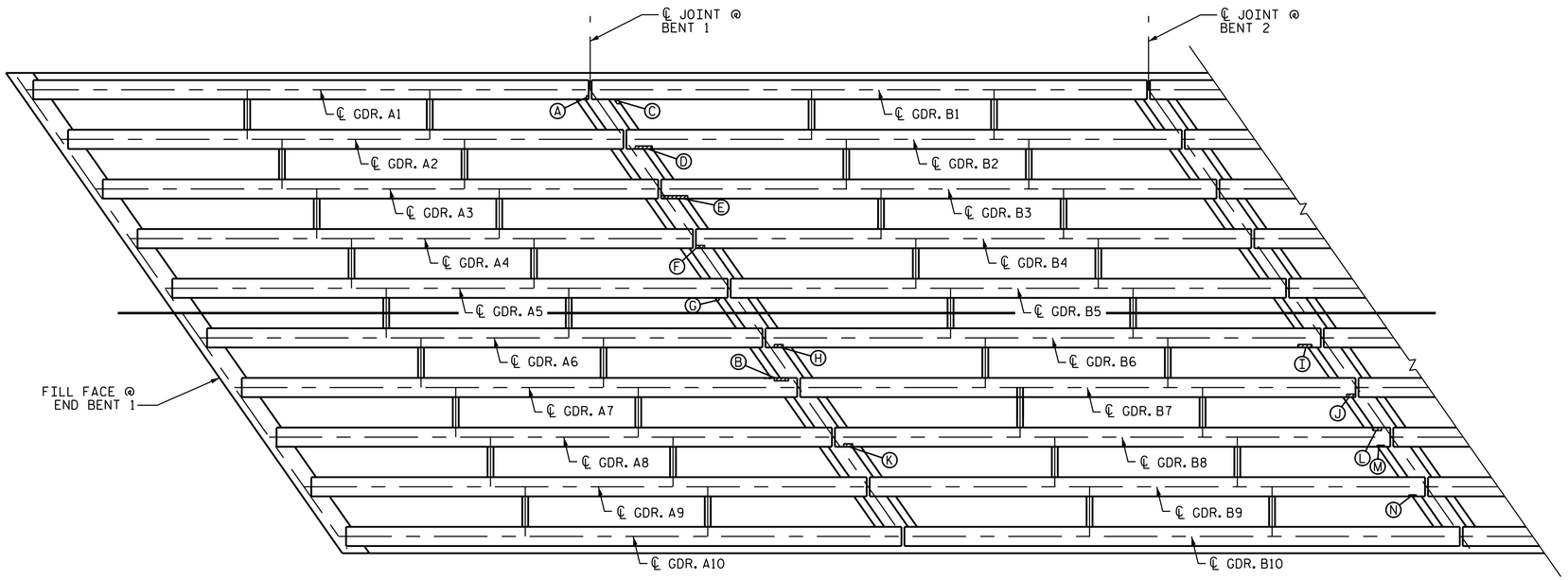


SPAN A - TOP OF GIRDER

SPAN B - TOP OF GIRDER



SPAN A - BOTTOM OF GIRDER

SPAN B - BOTTOM OF GIRDER

PRESTRESSED GIRDER REPAIR LOCATION

(OTHER LOCATIONS MAY EXIST, SEE NOTES)

NOTES

FOR GIRDER REPAIR DETAILS AND SEQUENCE, SEE "PRESTRESSED GIRDER REPAIR DETAILS AND SUMMARY" SHEET.

THE LOCATIONS AND DIMENSIONS OF THE AREAS FOR REPAIR ARE BASED ON THE BEST INFORMATION AVAILABLE. THE CONTRACTOR, IN CONJUCTION WITH THE ENGINEER, SHALL VERIFY THE LOCATION AND EXTENT OF REPAIR AREAS PRIOR TO GIRDER REPAIR.

FOR EPOXY COATING OF EACH GIRDER END, SEE STANDARD SPECIFICATION SECTION 420-18.

TOP OF GIRDER REPAIR LOCATIONS

GIRDER	LOCATION	REPAIR SIZE (L x W)	LABEL
A1	TOP FLG.	5" x 8"	A
A2	TOP FLG.	6" x 6"	B
A3	TOP FLG.	8" x 8"	C
A4			
A5			
A6			
A7			
A8			
A9			
A10			
B1	TOP FLG.	5" x 4"	D
B2	TOP FLG.	4" x 4"	E
B3	TOP FLG.	4" x 4"	F
B4			
B5			
B6			
B7			
B8			
B9			
B10			

BOTTOM OF GIRDER REPAIR LOCATIONS

GIRDER	LOCATION	REPAIR SIZE (L x W)	LABEL
A1	BTM. FLG.	3" x 5"	A
A2			
A3			
A4			
A5			
A6			
A7	BTM. FLG.	1'-11" x 5"	B
A8			
A9			
A10			
B1	DIAPHRAGM	10" x 10"	C
B2	BTM. FLG.	2'-4" x 9"	D
B3	BTM. FLG.	1'-11" x 1"	E
B4	BTM. FLG.	2'-5" x 3"	F
B5	DIAPHRAGM	1'-0" x 1'-1"	G
B6	BTM. FLG.	1'-0" x 4"	H
	BTM. FLG.	1'-0" x 4"	I
B7	BTM. FLG.	6" x 3"	J
B8	BTM. FLG.	2'-5" x 2"	K
	BTM. FLG.	1'-7" x 3"	L
	BTM. FLG.	6" x 4"	M
B9	BTM. FLG.	10" x 3"	N
B10			

PROJECT NO. 15BPR.3

RANDOLPH COUNTY

BRIDGE NO. 191

SHEET 1 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

PRESTRESSED GIRDER REPAIR LOCATIONS SPANS A & B

NORTH CAROLINA PROFESSIONAL SEAL 031583 ENGINEER KRISHNA PRASAD SOLAL

DocuSigned by: Krishna P. Solal
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9/29/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS							SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:		S-12
1			3				TOTAL SHEETS
2			4				28

DRAWN BY : H. T. BARBOUR DATE : 6-27-17
CHECKED BY : E. K. POPE DATE : 8-17-17

29-SEP-2017 12:45
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tbarbour