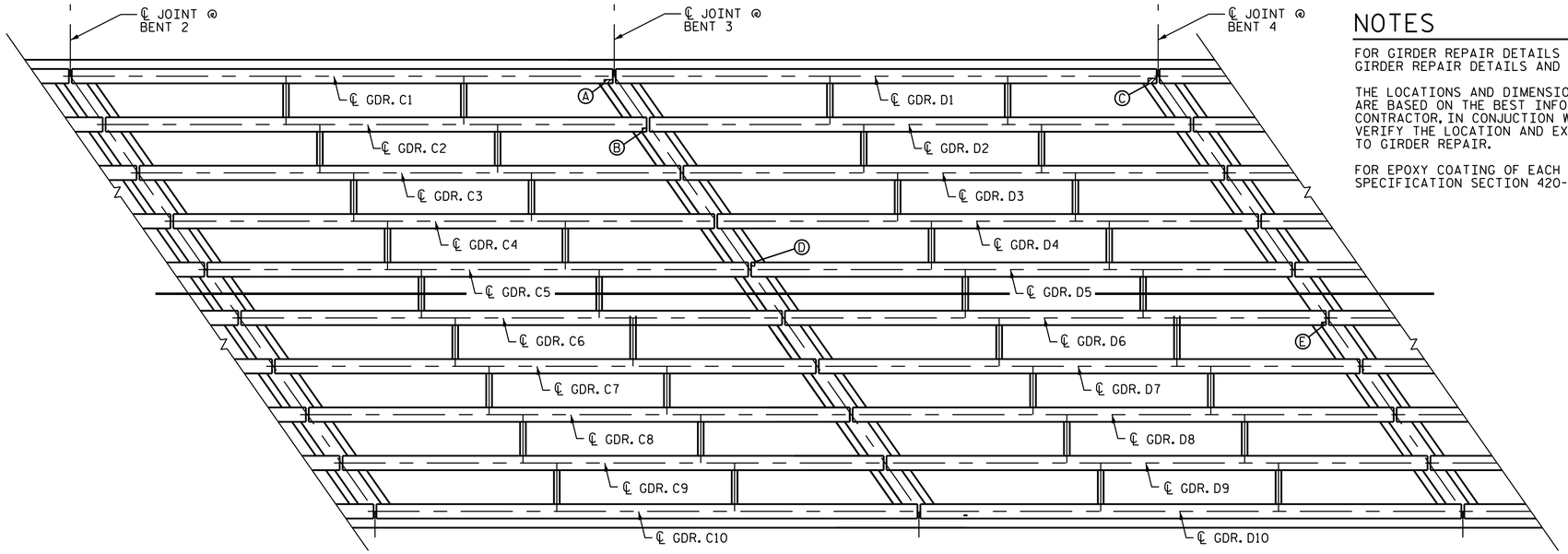
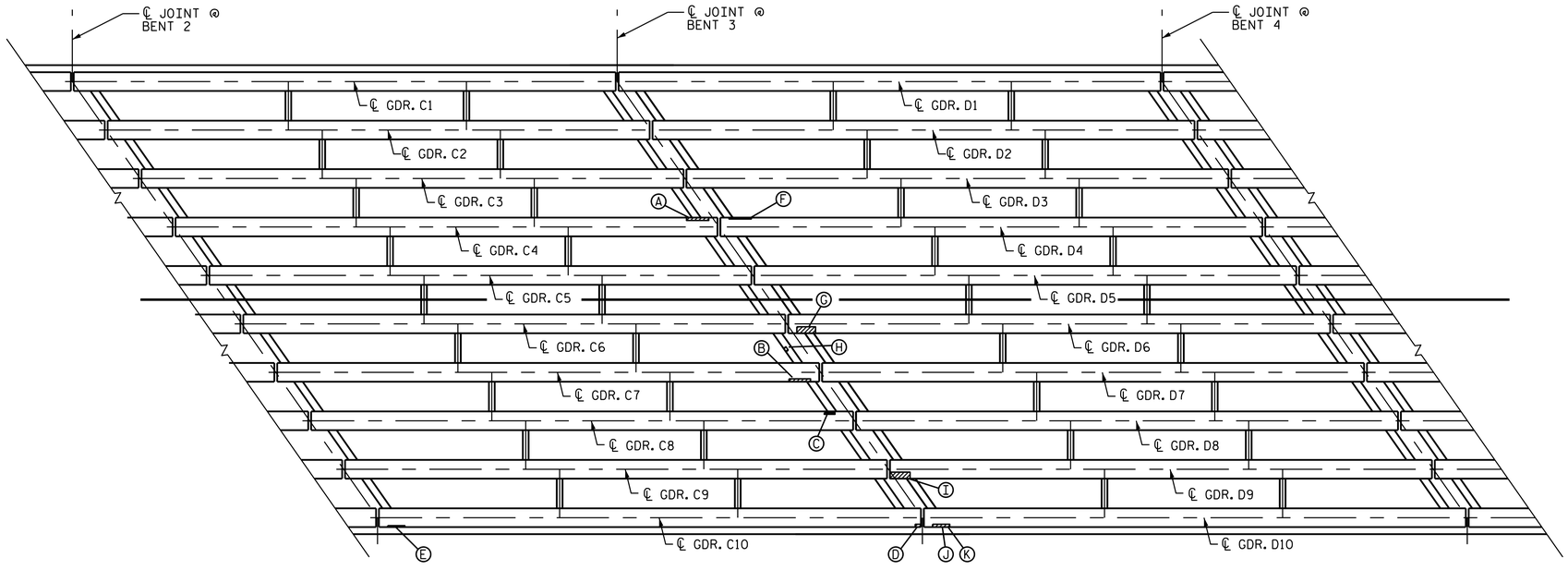


SPAN C - TOP OF GIRDER

SPAN D - TOP OF GIRDER



SPAN C - BOTTOM OF GIRDER

SPAN D - 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
C1	TOP FLG.	1'-0" x 7"	A
C2	TOP FLG.	6" x 9"	B
C3			
C4			
C5			
C6			
C7			
C8			
C9			
C10			
D1	TOP FLG.	1'-0" x 7"	C
D2			
D3			
D4			
D5	TOP FLG.	5" x 5"	D
D6	TOP FLG.	6" x 7"	E
D7			
D8			
D9			
D10			

BOTTOM OF GIRDER REPAIR LOCATIONS

GIRDER	LOCATION	REPAIR SIZE (L x W)	LABEL
C1			
C2			
C3			
C4	BTM. FLG.	2'-7" x 4"	A
C5			
C6	DIAPHRAGM	10" x 4"	H
C7	BTM. FLG.	2'-6" x 6"	B
C8	BTM. FLG.	1'-3" x 2"	C
C9			
C10	BTM. FLG. BTM. FLG.	1'-0" x 2" 8" x 2'-0"	D E
D1			
D2			
D3			
D4	BTM. FLG.	2'-7" x 4"	F
D5			
D6	BTM. FLG.	2'-2" x 9"	G
D7			
D8			
D9	BTM. FLG.	2'-4" x 9"	I
D10	WEB BTM. FLG.	4" x 1" 1'-6" x 2"	J K

PROJECT NO. 15BPR.3

RANDOLPH COUNTY

BRIDGE NO. 191

SHEET 2 OF 3

NORTH CAROLINA PROFESSIONAL SEAL 031583 ENGINEER KRISHNA PRASAD SEAL

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

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

PRESTRESSED GIRDER REPAIR LOCATIONS SPANS C & D

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-13
1			3			TOTAL SHEETS
2			4			28

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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