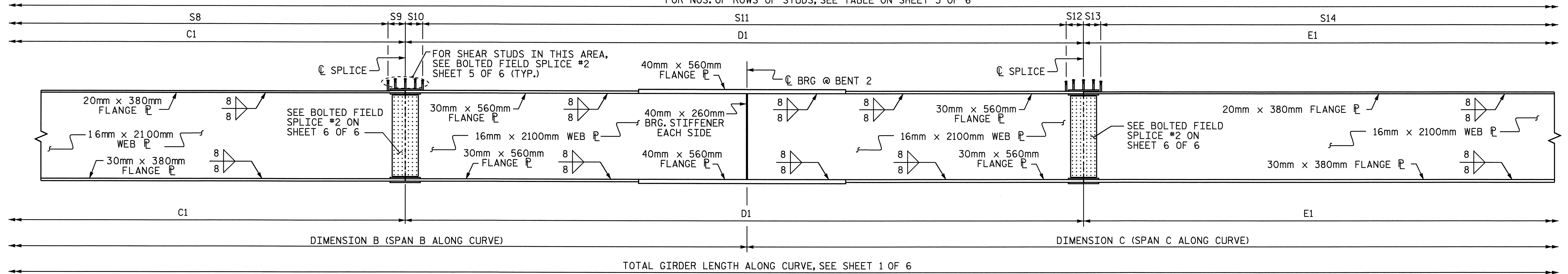
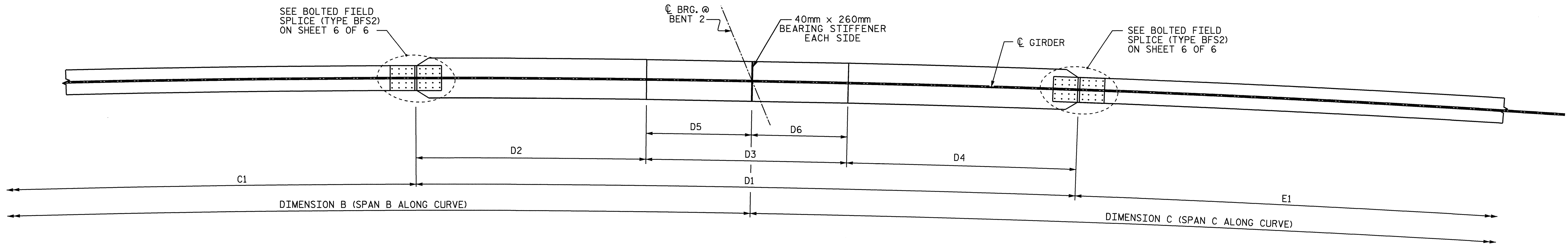


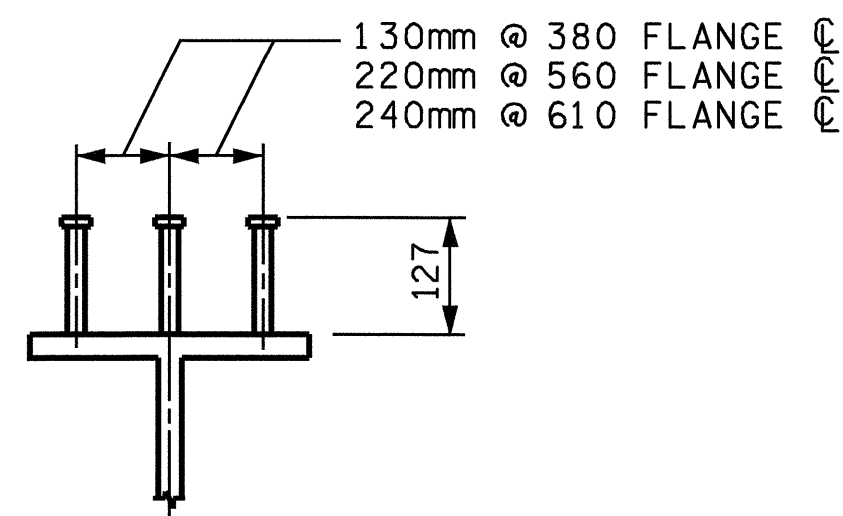
FOR NOS. OF ROWS OF STUDS, SEE TABLE ON SHEET 3 OF 6



CURVED GIRDER ELEVATION



BOTTOM FLANGE DETAIL



SHEAR STUD DETAILS

	S8	S9	S10	S11	S12	S13	S14
GIRDER 1	67 SPA. @ 335mm CTS.	538	490	101 SPA. @ 325mm CTS.	490	525	81 SPA. @ 350mm CTS.
GIRDER 2	66 SPA. @ 340mm CTS.	495	517	96 SPA. @ 340mm CTS.	516	498	82 SPA. @ 345mm CTS.
GIRDER 3	66 SPA. @ 340mm CTS.	449	451	96 SPA. @ 340mm CTS.	451	477	83 SPA. @ 340mm CTS.
GIRDER 4	67 SPA. @ 335mm CTS.	401	431	93 SPA. @ 350mm CTS.	431	529	80 SPA. @ 350mm CTS.

NOTE : ALL DIMENSIONS ARE SHOWN IN MILLIMETERS AND ARE MEASURED ALONG THE ϕ OF GIRDER.

	DIM. B	DIM. C	DIM. C1	DIM. D1	DIM. D2	DIM. D3	DIM. D4	DIM. D5	DIM. D6	DIM. E1
GIRDER 1	57.324m	57.324m	23.521m	33.804m	11.760m	10.252m	11.792m	4.880m	5.372m	29.400m
GIRDER 2	57.102m	57.102m	23.429m	33.673m	11.714m	10.223m	11.736m	5.027m	5.196m	29.286m
GIRDER 3	56.880m	56.880m	23.339m	33.542m	11.669m	10.192m	11.680m	5.174m	5.018m	29.173m
GIRDER 4	56.658m	56.658m	23.247m	33.412m	11.624m	10.164m	11.623m	5.321m	4.843m	29.059m

NOTE : ALL DIMENSIONS ARE MEASURED ALONG THE ϕ OF GIRDER.

PROJECT NO. R-0977A
CHEROKEE COUNTY
 STATION: 68+58.000-LREV-

SHEET 2 OF 6

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUPERSTRUCTURE					
STRUCTURAL STEEL DETAILS					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					S-189
					TOTAL SHEETS 230



DRAWN BY : B.N.BARODAWALA DATE : 10-18-04
 CHECKED BY : MIKE ALLEN DATE : 12-04

21-DEC-2004 15:18
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STR. #5