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NR CIV/SD/2506 Rev A

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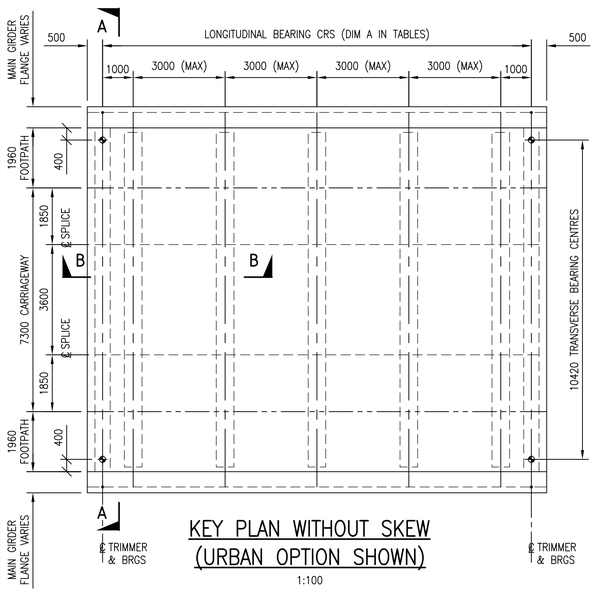
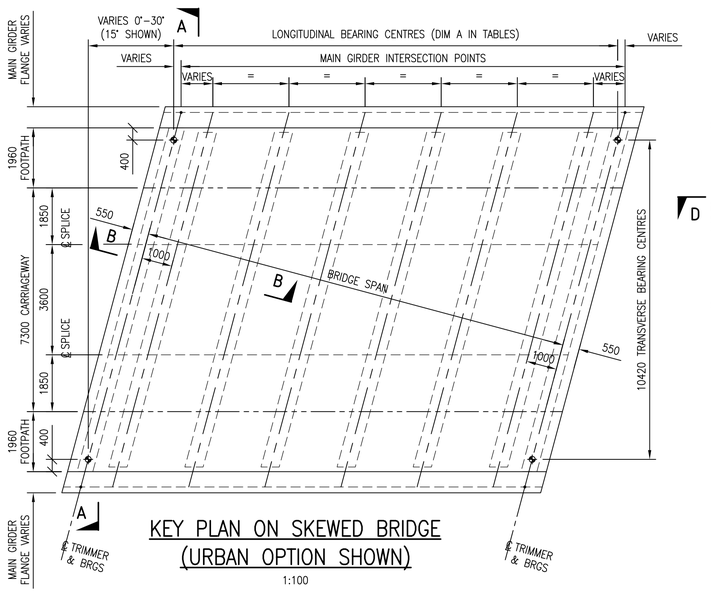
Full document details: NR NR-CIV-SD-2506 ISSUE A 2010

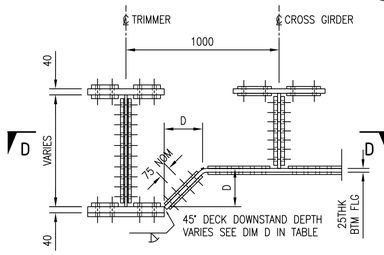
DRAWING No. NR/CIV/SD/2506



KEY PLAN WITHOUT SKEW
(URBAN OPTION SHOWN)
1:100



KEY PLAN ON SKEWED BRIDGE
(URBAN OPTION SHOWN)
1:100



DETAIL 2
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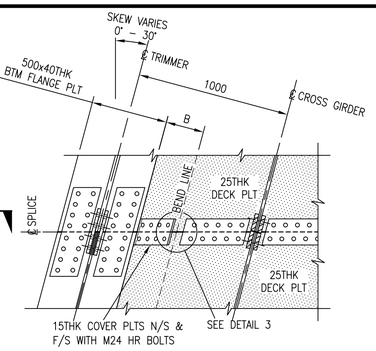
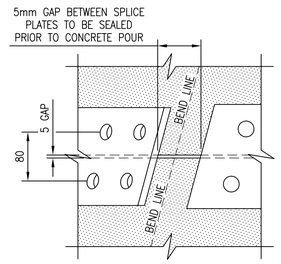


SECTIONAL PLAN ON D–D
1:20



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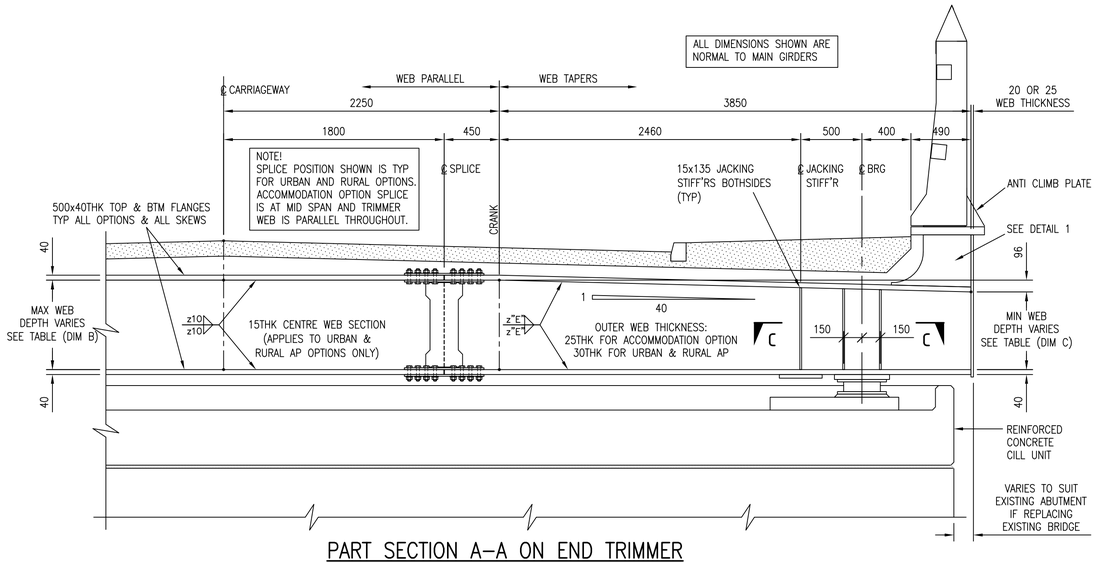
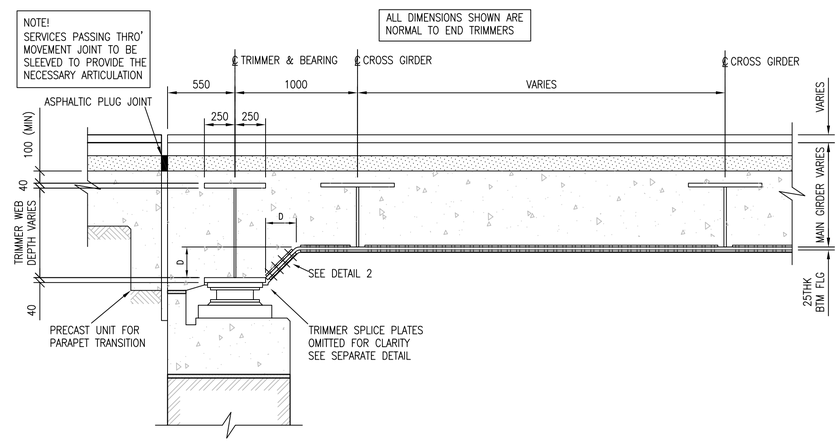
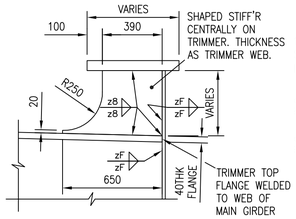


PART SECTION A–A ON END TRIMMER
(SECTION TAKEN NORMAL TO MAIN GIRDERS)
1:25



SECTION B–B
(SECTION TAKEN NORMAL TO TRIMMER)
1:25



DETAIL 1
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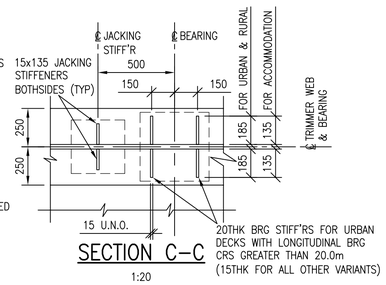

SECTION C–C
1:20

URBAN OPTION (WITHOUT SKEW)					
BRG CRS A	WEB DIM B	WEB DIM C	DIM D	WELD E	WELD F
<14.0m	730	634	250	15	10
14.0m–18.0m	830	734	350	16	10
18.0m–25.4m	1100	1004	620	15	12

RURAL ALL PURPOSE OPTION (WITHOUT SKEW)					
BRG CRS A	WEB DIM B	WEB DIM C	DIM D	WELD E	WELD F
<14.0m	665	569	250	16	10
14.0m–18.0m	765	669	350	16	10
18.0m–25.4m	1020	924	605	16	12

ACCOMMODATION OPTION (WITHOUT SKEW)					
BRG CRS A	WEB DIM B	WEB DIM C	DIM D	WELD E	WELD F
<14.0m	430	430	150	13	8
14.0m–20.0m	505	505	225	14	10
20.0m–25.4m	580	580	300	14	10

URBAN OPTION (SKEWED – 30° MAX)					
BRG CRS A	WEB DIM B	WEB DIM C	DIM D	WELD E	WELD F
<14.0m	755	659	275	15	10
14.0m–18.0m	865	769	385	16	10
18.0m–25.4m	1130	1034	650	15	12

RURAL ALL PURPOSE OPTION (SKEWED – 30° MAX)					
BRG CRS A	WEB DIM B	WEB DIM C	DIM D	WELD E	WELD F
<14.0m	690	594	275	16	10
14.0m–18.0m	800	704	385	16	10
18.0m–25.4m	1050	954	635	16	12

ACCOMMODATION OPTION (SKEWED – 30° MAX)					
BRG CRS A	WEB DIM B	WEB DIM C	DIM D	WELD E	WELD F
<14.0m	430	430	150	13	8
14.0m–20.0m	505	505	225	14	10
20.0m–25.4m	605	605	325	14	10

FOR FORM B APPROVAL

1. ALL STEEL TO BS EN 1035 GRADE S355 J2+N
2. ALL DIMENSIONS ARE IN MILLIMETRES
3. FOR DETAILS OF TRIMMER SPLICES REFER TO DRAWING NR/CIV/SD/2507
4. FOR DETAILS OF SHEAR STUD REQUIREMENTS REFER TO DRAWING NR/CIV/SD/2508
5. UNLESS OTHERWISE NOTED ALL WELDS TO BE MIN 8mm LEG LENGTH FILLET WELD OR EQUIVALENT
6. FOR DECK DRAINAGE DETAILS REFER TO DRAWING NR/CIV/SD/2519

Rev	Date	Description of revision	Design'd	C'kd
A	Aug '10	1st Issue	SB	AM

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Approved	P Clark	Senior Prog. Eng. Manager Infrastructure Projects, Bulding & Civils	PC	Sept '10
	Name	Position	Signature	Date

Master copy with original signatures held by Network Rail HQ
CIVIL ENGINEERING STANDARD DESIGN

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OVERBRIDGE

END TRIMMER DETAILS

Scale	AS NOTED	
Drawing Number	NR/CIV/SD/2506	A

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