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NR CIV/SD/2503 Rev A

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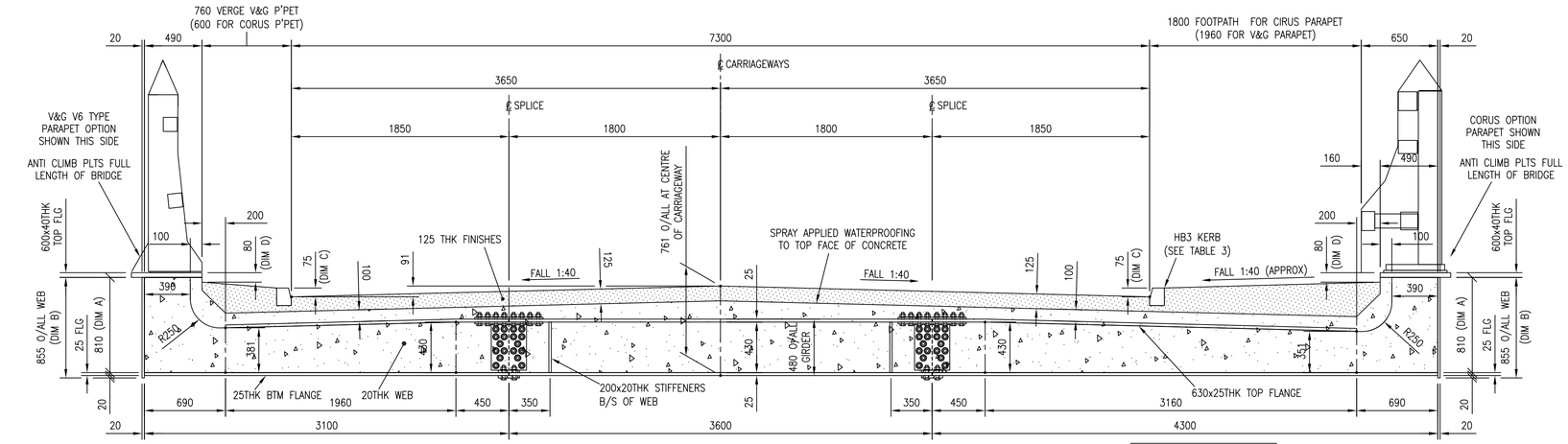
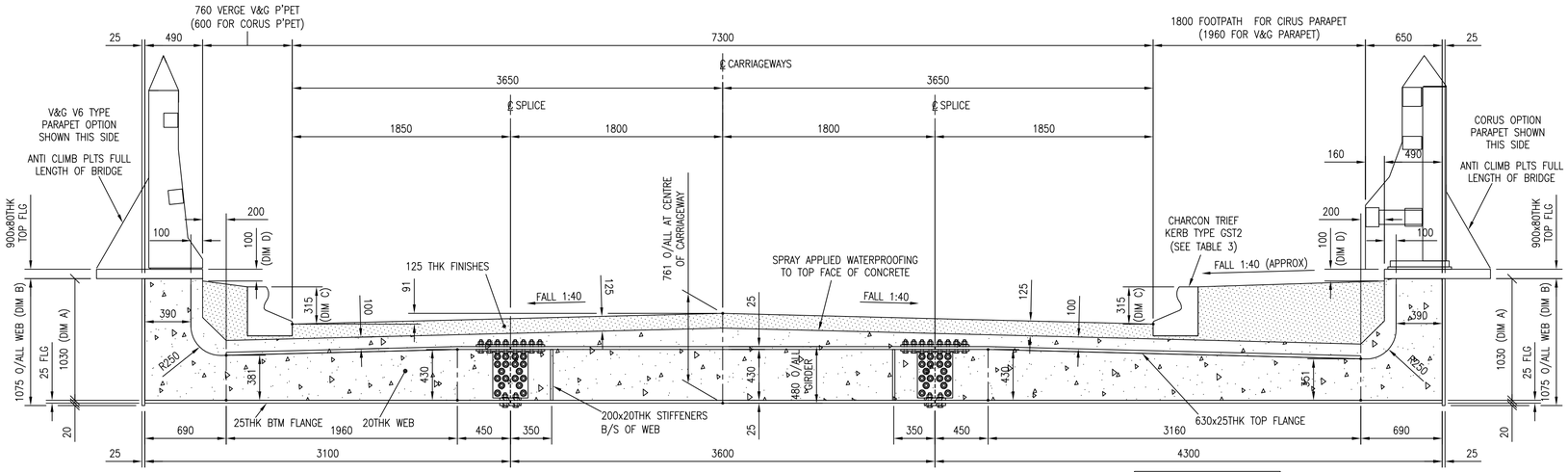
DRAWING No. NR/CIV/SD/2503



SECTION THROUGH RURAL ALL PURPOSE OPTION
11.547m LONGITUDINAL BEARING CENTRES SHOWN (10.0m SPAN 30° SKEW)

1:25

ALL DIMENSIONS SHOWN ARE NORMAL TO MAIN GIRDERS



SECTION THROUGH RURAL ALL PURPOSE OPTION
25.403m LONGITUDINAL BEARING CENTRES SHOWN (22.0m SPAN @ 30° SKEW)

1:25

ALL DIMENSIONS SHOWN ARE NORMAL TO MAIN GIRDERS

NOTE!
O/ALL WEB HEIGHT VARIES DEPENDING ON SPAN
SEE DIM B IN TABLE 2

CROSS GIRDER MAKE-UP			
SKEW	0°	<15°	<30°
TOP FLANGE	510x25	550x25	630x25
WEB	20THK	20THK	20THK
BTM FLANGE	25THK	25THK	25THK

TABLE 1

KERB & FOOTPATH DETAILS						
LONGITUDINAL BRG CRS	<16.0m	<18.0m	<20.0m	<22.0m	<24.0m	<25.403m
*KERB TYPE	HB3	HB2	HB1	CADET	CADET	GST2
KERB UPSTAND (DIM C)	75	190	220	255	270	315
P'PET UPSTAND (DIM D)	80	80	80	80	80	100

TABLE 3

*NOTE!
"CADET" & "GST2" REFER TO CHARCON TRIEF KERB TYPES

NOTE!
DIM "D" SHOULD NEVER BE LESS THAN 50mm OR EXCEED 100mm TO COMPLY WITH PARAPET MANUFACTURER'S TEST CERTIFICATION LIMITS

NOTE!
LONGITUDINAL BRG CRS ARE ARE PRODUCT OF BRIDGE SPAN & SKEW

MAIN GIRDER MAKE-UP								
LONGITUDINAL BRG CRS	<12.0m	<14.0m	<16.0m	<18.0m	<20.0m	<22.0m	<24.0m	<25.403m
TOP FLANGE	600x40	600x50	670x60	700x60	800x60	900x60	900x80	900x80
WEB	20THK	20THK	20THK	20THK	25THK	25THK	25THK	25THK
BTM FLANGE	25THK	25THK	25THK	25THK	25THK	25THK	25THK	25THK
DIM A	810	800	790	905	935	970	960	1025
DIM B	855	845	835	950	980	1015	1005	1070

TABLE 2

1. ALL STEEL TO BS EN 1035 GRADE S355 J2+N
2. ALL DIMENSIONS ARE IN MILLIMETRES
3. FOR DETAILS OF SPLICES REFER TO DRAWING NR/CIV/SD/2505
4. FOR DETAILS OF SHEAR STUD REQUIREMENTS, HOLES FOR REBAR THRO' CROSS GIRDER WEBS & WEB TO FLANGE WELD DETAILS REFER TO DRAWING NR/CIV/SD/2508
5. FOR PARAPET NOTES AND DETAILS REFER TO DRAWING NR/CIV/SD/2511

FOR FORM B APPROVAL

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

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Master copy with original signatures held by Network Rail HQ
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OVERBRIDGE

RURAL ALL PURPOSE OPTION CROSS SECTIONS

Scale	1:25
Drawing Number	NR/CIV/SD/2503 A

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