Supplementary Information

The following information is associated with Network Rail Standard:
NR CIV/SD/2504 Rev A

Additional Content Access

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CAD Drawing

- CIV/SD/2504

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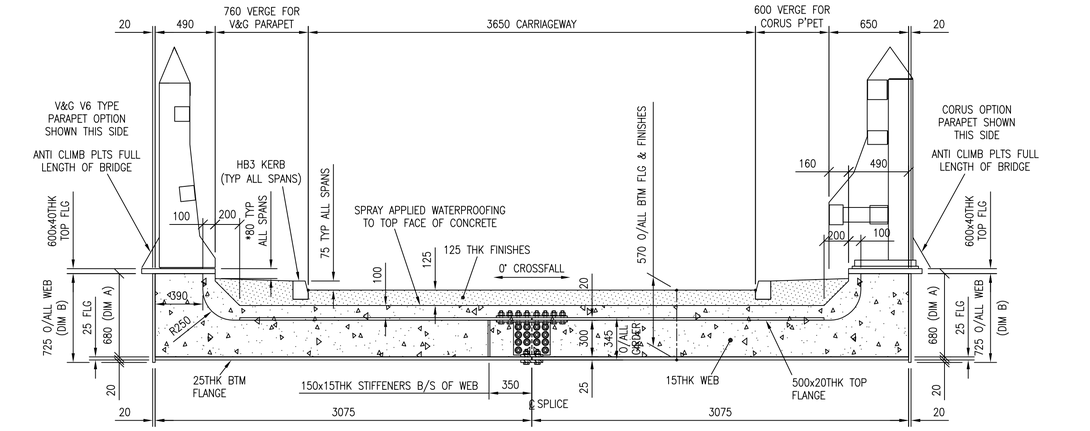
DRAWING No. NR/CIV/SD/2504

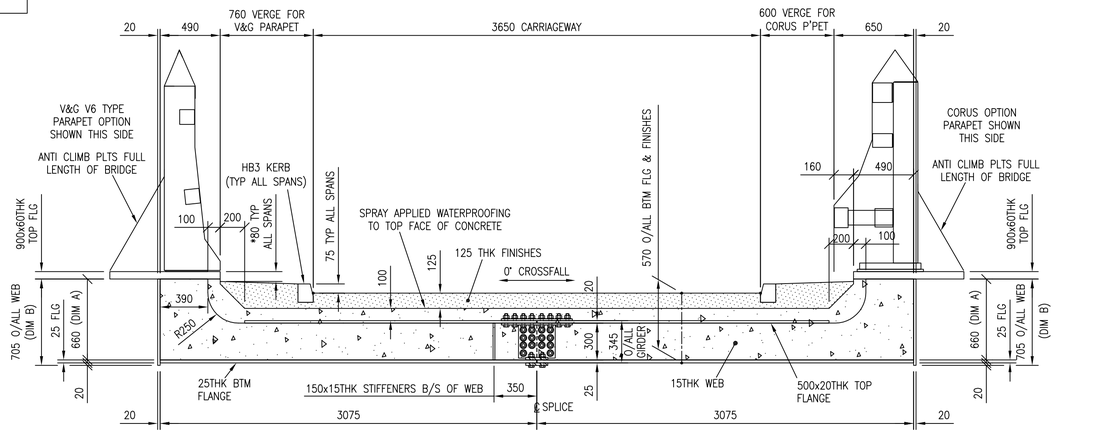


SECTION THROUGH ACCOMMODATION OPTION
16.166m LONGITUDINAL BEARING CENTRES SHOWN (14.0m SPAN @ 30° SKEW)

1:25

ALL DIMENSIONS SHOWN ARE NORMAL TO MAIN GIRDERS

*NOTE!
UPSTAND FROM BACK OF VERGES TO TOP OF MAIN GIRDERS SHOULD NEVER BE LESS THAN 50mm OR EXCEED 100mm TO COMPLY WITH PARAPET MANUFACTURER'S TEST CERTIFICATION LIMITS



SECTION THROUGH ACCOMMODATION 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 A IN TABLE 2

CROSS GIRDER MAKE-UP			
SKEW	0°	<15°	<30°
TOP FLANGE	400x20	400x20	500x20
WEB	15THK	15THK	15THK
BTM FLANGE	25THK	25THK	25THK

TABLE 1

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

MAIN GIRDER MAKE-UP					
LONGITUDINAL BRG CRS	<18.0m	<20.0m	<22.0m	<24.0m	<25.403m
TOP FLANGE	600x40	600x55	750x60	900x60	900x60
WEB	20THK	20THK	20THK	20THK	20THK
BTM FLANGE	25THK	25THK	25THK	25THK	25THK
DIM A	680	665	660	660	660
DIM B	725	710	705	705	705

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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OVERBRIDGE

ACCOMMODATION OPTION CROSS SECTIONS

Scale	1:25	
Drawing Number	NR/CIV/SD/2504	A

Full document details: NR NR-CIV-SD-2504 ISSUE A 2010
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