

Notes

- Horizontal alignment based on Ordnance Survey MasterMap data supplied by Dumfries and Galloway Council - licence as shown on plan.
- Vertical alignment and earthworks footprint based on NextMap Digital Terrain Model supplied by Dumfries and Galloway Council.

Key to Route Plan

- Proposed Main Line A75 alignment carriageway and earthworks footprint
- Proposed junction location, or existing junction to be retained
- Alternative junction/side road layout for consideration
- Proposed overbridge/underbridge to maintain existing highway or provide accommodation crossing
- Existing highway to be stopped off

Key to Longitudinal Section and Schematics

Section profiles

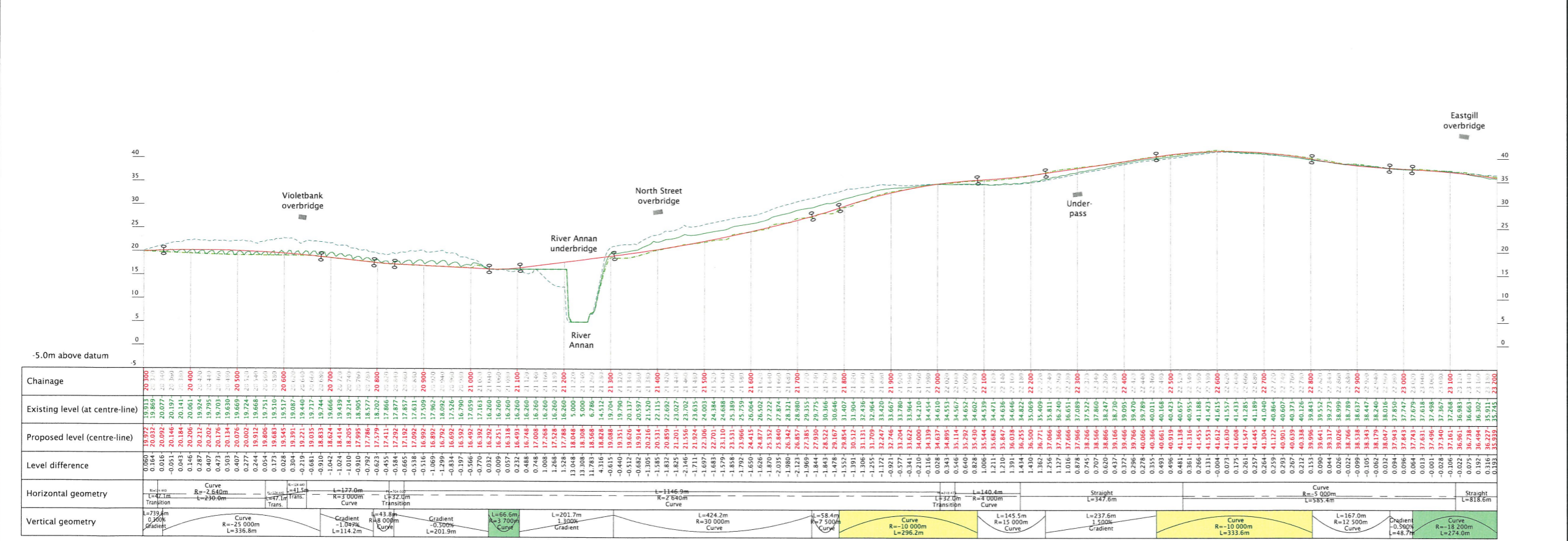
- Proposed vertical alignment profile with tangent points and ordinates at 100m intervals
- Existing ground level profile along proposed alignment centre-line
- Existing ground level profile along proposed Eastbound/North side carriageway centre-line
- Existing ground level profile along proposed Westbound/South side carriageway centre-line

Compliance of alignment geometry elements with DMRB standards (listed in ascending order of severity)

- Desirable Minimum (or Desirable Maximum gradient)
- 1 Step below Desirable Minimum
- 2 Steps below Desirable Minimum

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Design Manual for Roads and Bridges, Volume 6, Section 1, Part 1, TD 9/93 Highway Link Design



Chainage	Existing level (at centre-line)	Proposed level (centre-line)	Level difference	Horizontal geometry	Vertical geometry
20 300	19.912	19.912	0.000	Curve R=230.0m	Curve R=230.0m
20 400	20.000	20.000	0.000	Curve R=230.0m	Curve R=230.0m
20 500	20.100	20.100	0.000	Curve R=230.0m	Curve R=230.0m
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PI	26/03/09	Preliminary Issue		
Rev	Date	Drawn	Description	Ch'k'd
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Title
Dumfries to A74(M) Link STAG2
A75 On-line Dualling Option

**Alignment Route Plan and Longitudinal Section
Chainage 20300m to 23200m (Sheet 8 of 12)**

Designed	C Broughton	Eng.Chk.	S Rotherham
Drawn	C Broughton	Coordination	
Dwg.Chk.	C Sri-Pathanathan	Approved	M A Staniland
Scale at A1	Project	254583	Status
1:5000 Hor./1:500 Ver.	CAD file	F:\Sheffield\214181 Dumfries STAG2 Highway A75 On-line Dualling Option - Current\Kasari\2008.dwg STAG2_A75_On-Line_P1.dwg	PRE
Drawing No	254583 / SHF / 1508	Rev	P1

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