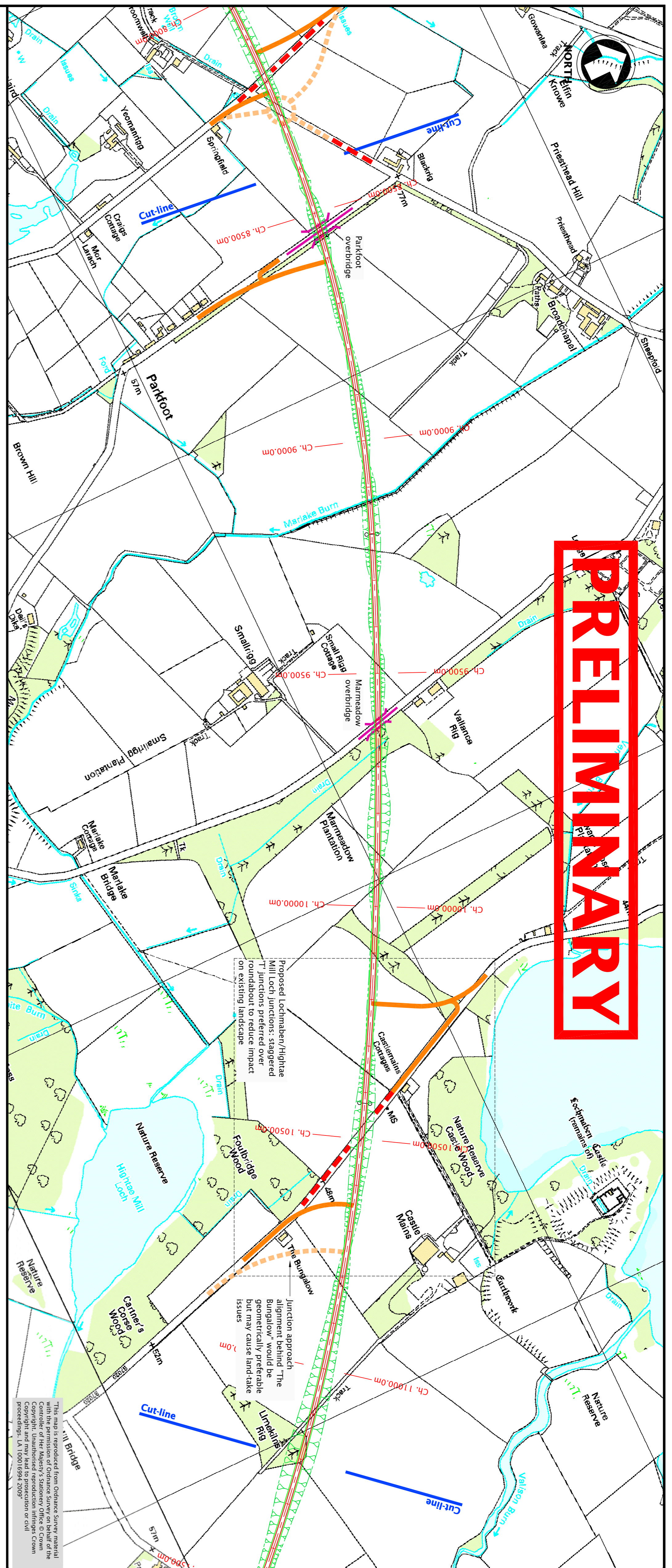


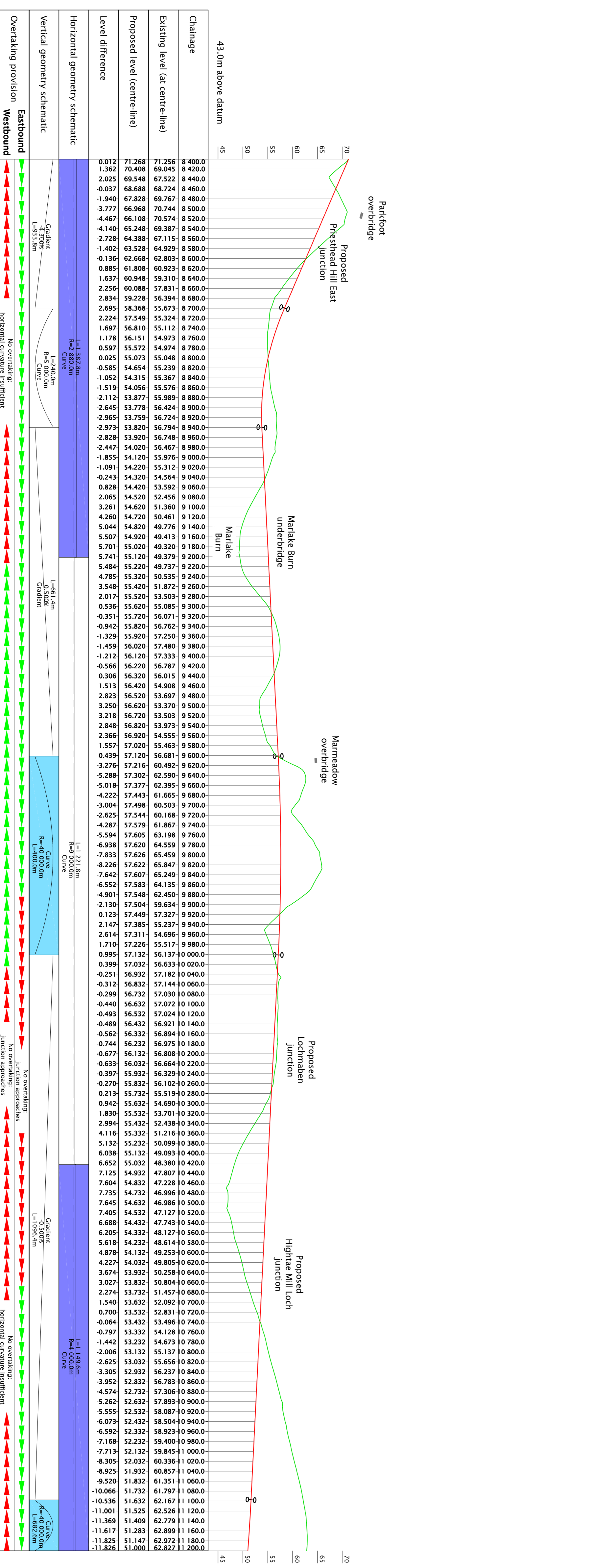
# PRELIMINARY



Proposed Loddham/Highgate Mill Junctions: staggered 'T' junctions preferred over roundabouts to reduce impact on existing landscape.

Junction approach behind 'The Bungalow' would be better served by a bridge structure to avoid the burnway cause land take issues.

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**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 A709 alignment, carriageway and earthworks footprint
- Proposed junction location, or existing junction to be retained
- Alternative junction layout/location
- Proposed overbridge/junderbridge to maintain existing highway or provide accommodation crossing
- Existing highway to be stopped off

**Key to Longitudinal Section and Schematics**

- Proposed vertical alignment profile with tangent points and ordinates at 20m intervals
- Existing ground level profile along proposed centre-line
- Compliance of alignment geometry elements with DMRB standards (listed in order of ascending severity)
- Minimum to provide overtaking in both directions\*\*
- Sufficient to provide overtaking in one direction only\*\*
- Above Desirable Minimum but not sufficient to provide overtaking
- Desirable Minimum (or Desirable Maximum gradient)
- 1 Step below Desirable Minimum\*\*

**Overtaking provision schematic**

- Extent of Overtaking Section
- Extent of Non-overtaking Section with reason(s) for restriction
- NB Overtaking schematic is generally divided into Eastbound and Westbound directions as indicated by the arrowheads

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**Alignment Route Plan and Longitudinal Section**  
 Chainage 8400m to 11200m (Sheet 4 of 6)

Designed: C Broughton  
 Drawn: C Broughton  
 Dwg.Chtk: CSheehan@mm.com

Eng.Chtk: S Rothenham  
 Coordination: Approved  
 M A Saniland

Scale at AI: 1:5000 Hor./1:5000 Ver.  
 Drawing No: 254583 / SHF / 1104

**Rev** | **Date** | **Drawn** | **Description** | **CHK'D** | **App'd**

P1	02/03/2009		Preliminary Issue		
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**The:**  
 Dumfries to A74(M) Link STAG2  
 A709 Single Carriageway Off-line Option

**Status:**  
 PRE

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Project: 254583  
 CAD file: 254583.dwg  
 1:5000 Hor./1:5000 Ver.  
 Drawing No: 254583 / SHF / 1104