

National Asset Delivery Technical Surveys and Testing

Site Information for 605071 M5 J15 Almondsbury IC Deck Concrete Testing

1 SITE INFORMATION

1.1 Site boundary, extents and access arrangements

Almondsbury Interchange comprises four bridges forming a three-level interchange of the M4 and M5 motorways, located to the north of Bristol (Str key 1740). The M5 underbridge forms the second level of the interchange at MP 131.00 and carries the M5 over the M4 on-slip roads and supports the M4 carriageway and two M5 on-slips above. OSGR: 361790E, 183750N. A location plan can be found in drawing HE605071-KIER-SBR-M5_BR_1740_Z-DR-CB-010001 P01.

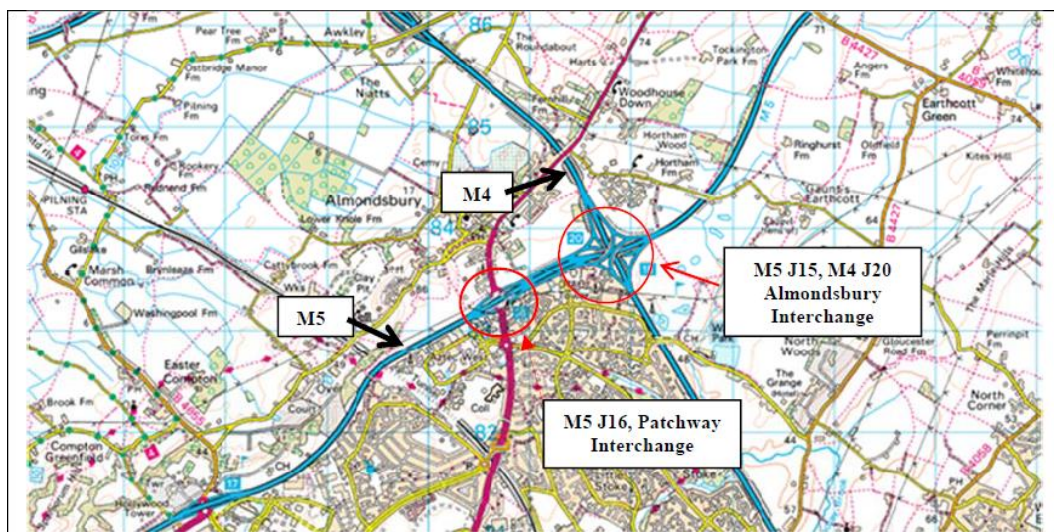


Figure 1: Location Plan: M5 J15, M4 J20 Almondsbury Interchange

Figure 1: © Crown Copyright and database right (2021) OS 100030649



**Almondsbury Interchange
Structure Identification:**

- M5
- M4
- M4 Upper slip road 4
M4W to M5N – 'K-loop'
- M4 Upper slip road 3
M4E to M5S – 'J-loop'

Figure 2: M5 J15/M4 J20 Almondsbury Interchange – Plan view of structures
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1.2 Pavement

The Carriageway over the structure comprises of two running lanes with varying in width concrete verge.

1.3 Drainage

N/a

1.4 Geotechnical

N/a

1.5 Soft Estate and Environment

No soft verges are anticipated to be disturbed during the works. No vegetation clearance is required for the works.

1.6 Traffic Signs, Road Markings

N/a

1.7 Lighting

The lighting system attached to the soffit of the M4 underbridge will be in the vicinity of the investigation works but will not be directly affected by the works. The lighting is surface mounted on the soffit so is easily located.

1.8 Structures and Buildings

The M5 underbridge which forms the second level of the interchange at MP 131.00 is the only structure anticipated to be affected by the works.

The M4 underbridge, which forms the third level of the interchange, is the subject of the concrete investigation to its soffit directly over the M5 underbridge.

1.9 Tunnels

N/a

1.10 Technology

N/a

1.11 Statutory Undertakers

There are no stats anticipated to be affected by the works.

Refer to Statutory Undertakers information shown on drawing HE605071-KIER-SBR-M5_BR_1740_Z-DR-CB-010002 P01.

1.12 Traffic

Works to be undertaken under full closure of the M5 main line to ensure safety of the workforce.

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