

**National Asset Delivery
Technical Surveys and Testing**

**Site Information for
605789 – Barton Interchange Concrete
Testing**

FOR INFORMATION ONLY
DO NOT COMPLETE AT THIS STAGE

1 SITE INFORMATION

1.1 Site boundary, extents and access arrangements

Barton Interchange North is located at OS grid reference: 421760, 508175.

Barton Interchange South is located at OS grid reference: 421725, 508099.

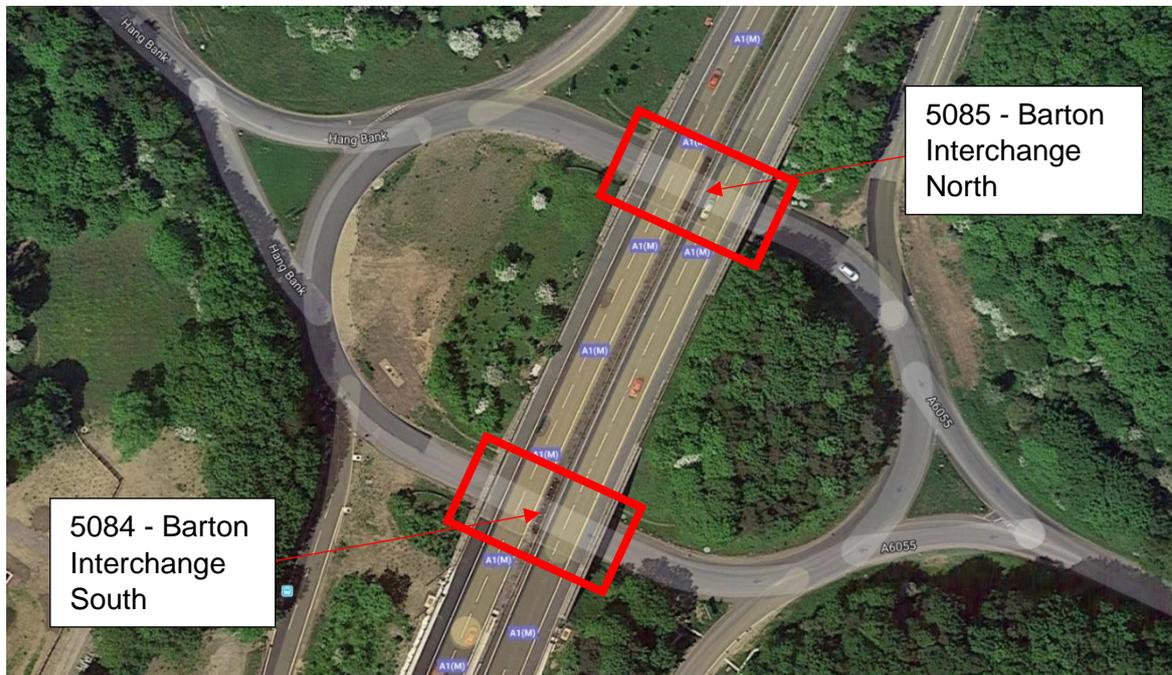


Figure 1: Site extents (not including TM)



Figure 2: View under Barton Interchange North looking west



Figure 3: View under Barton Interchange South looking east

1.2 Pavement

N/A

1.3 Drainage

N/A

1.4 Geotechnical

N/A

1.5 Soft Estate and Environment

Barton Interchange is mainly surrounded by agricultural land. Barton Park Services is located to the North West of the interchange with some other businesses in the same location.

Under both structures passes the road of the grade separated roundabout with hard verges on either side parallel to the abutments. At the centre of the interchange between both structures is soft estate embankments with trees.

1.6 Traffic Signs, Road Markings

There are no road markings on the road under the structures. However, the road is assumed to be wide enough to accommodate 2 lanes of traffic.

1.7 Lighting

There is no lighting under the structures.

1.8 Structures and Buildings

The bridges are identical single span decks consisting of composite steel beams with a reinforced concrete slab. Both decks have voids in the centre forming a natural lightwell to the roads below. The lightwells are covered by steel grillages. The abutments consist of mass concrete abutments with reinforcement assumed to be provided for crack control.

1.9 Tunnels

N/A

1.10 Technology

There is no technology that is believed to be affected by the works

1.11 Statutory Undertakers

Statutory undertakers C2 returns are provided for information purposes. The contractor should confirm on site the presence of any services that could be affected by the works.

There are known service ducts in the bridge deck parapet upstands. Coring or drilling operations to the bridge deck should be avoided at these locations

1.12 Traffic

There are no traffic counts for the roads below the structures where works will take place.

The speed limit is assumed to be national speed limit (60mph).