

# Report Appendix A: Reference Case Infrastructure Assumptions

## 1.1 Reference Case Infrastructure Assumptions

- 1.1.1 A wide variety of infrastructure projects are scheduled to be completed between the 2016 base year and the Reference Case year. The following transport schemes are represented in the 2040 future year network.

### Nottingham City and Nottinghamshire

- Turning Point South;
- Gedling Access Road;
- New Skills Hub NET station;
- Boots link road;
- A614 / A6097 MRN junction scheme package (6 junctions);
- A60 Larch Farm crossroads improvement, Ravenshead (built and open);
- A612 Colwick Loop Road bus priority (linked to southern growth corridor);
- HIF road link between the A52 and Toton Lane;
- Transforming Cities Fund schemes as detailed in the modelling for the successful bid; and
- HS2 Toton and the associate local infrastructure included. Implementation of the Toton Innovation Campus site infrastructure and land use proposals; in order to be consistent with the HS2 assessment of the line including the Toton Station, all assumptions relating to the HS2 scheme have been provided by HS2 Ltd.

### Derby and Derbyshire

- New layout of the Stenson Road/A5111 junction associated with the Stenson Fields development;
- Radbourne Lane Development Mitigation;
- Schemes associated with the South Derbyshire Core Strategy (south of the A50);
- Highway Proposals associated with the East Midlands Gateway development adjacent to M1 J24;
- Signalisation of the A38/A50 junction;
- A52 Wyvern Improvements;
- NO2 Scheme;
- Rolls Royce Victory Road Realignment;
- Transforming Cities Fund schemes as detailed in the modelling for the successful bid; and
- South Derby Growth Zone highway infrastructure.

### Leicestershire

- Bardon vehicular link and improvements to A42 junction 13 (associated with the Bardon Grange development);

- Link Road between A512 and A6 north and improvements to M1 J23 (associated with the Garendon development);
- Castle Donnington Western Relief Road linking Back Lane with Hill Top (associated with the Castle Donnington development);
- Signalisation of the A50/A46 roundabout (associated with the Ashton Green and Glenfield Park developments);
- Signalisation of the A46/Ansty Lane roundabout (associated with the Ashton Green development); and,
- Kegworth Bypass.

### **Highways England**

- EM SRFI Mitigation at M1 J24/24a;
- Improvements to M1 J22 (associated with the Bardon Grange development);
- A453 Mill Hill roundabout and Crusader roundabout improvement schemes as conditioned to the consented Clifton South SUE development (planning reference 14/01417/OUT);
- Smart Motorways schemes implemented along the M1 between J23a and J25;
- A52 improvements between the QMC junction and the A46 to include:
  - the site accesses facilitating the phase 1 of the Gamston development;
  - junction improvements at Nottingham Knight, Wheatcroft, Holme House, Gamston and Harlequin junctions.
- M1 J20 signalisation to support the Lutterworth East development
- A46/A6 junction improvements to support North Birstall development;
- M1 J27 signalisation of M1 off slips and A608 roundabout circulatory carriageway; and
- Grade Separation of A38 junctions with A61, A52 and A5111.