

Model Network Update

Following on from the BaFB the likely traffic loading points for the North East Quadrant (NEQ) and South East Quadrant (SEQ) developments were reassessed. Although the type and quantum of development remains unchanged the likely access points to the development were reviewed. A decision was taken to add in additional links and junctions to the VISUM network to ensure that the impact of traffic loading from the NEQ and SEQ developments could be more realistically represented and hence robustly assessed.

NEQ Development

The VISUM network has been revised to include the section of road linking St Augustine Road and Hawthorn Road, and the associated junctions (Figure 1-1 below). In addition, the road linking St Augustine Road with Greetwell Road has also been included within the revised network. In the case of the junction with B1308 Greetwell Road, this has been coded as a priority junction in the Base model networks and has been coded as a proposed three-arm roundabout in the forecast year networks due to the increased level of traffic using this junction as part of the NEQ development.

Figure 1-1 – VISUM network updates around NEQ



SEQ Development

The forecasting model has been amended to the extent that two-thirds of the SEQ development traffic now accesses the network via B1131 Canwick Avenue and one-third via a new roundabout on the B1188 Lincoln Road between B1131 Canwick Avenue and the junction with the LEB. Figure 1-2 below shows the revised VISUM network around the SEQ development.

Figure 1-2 – VISUM network updates around SEQ

