

Appendix – in response questions raised at the Hilton Annual Parish Meeting 9th May 2017- from Highways England

Traffic modelling on Graveley Way

Traffic forecasts for the Graveley Way, Potton Road and St Ives Road are shown below.

The blue boxes show the link ID (this is used in our model to connect the roads and is not relevant for these purposes).

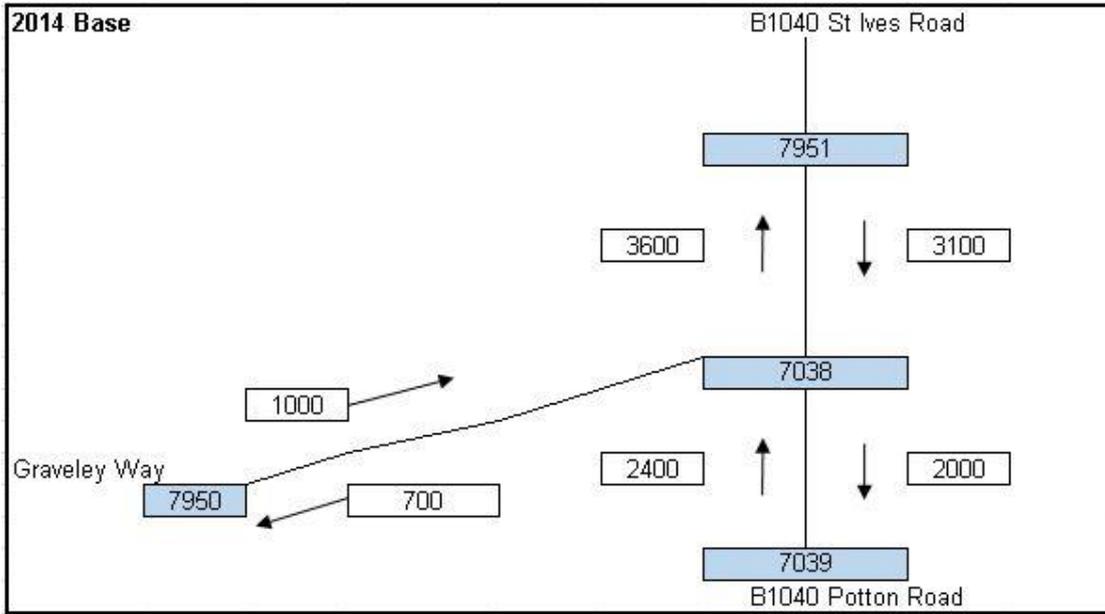
- Link 7038 is where Graveley Way, Potton Road and St Ives Road meet.
- Link 7039 is Potton Road south of Hilton
- Link 7951 is St Ives Road, north of Hilton
- Link 7950 is Graveley Way, west of Hilton

The white boxes show traffic numbers (rounded to the nearest hundred) with the corresponding arrows showing the direction of traffic flow.

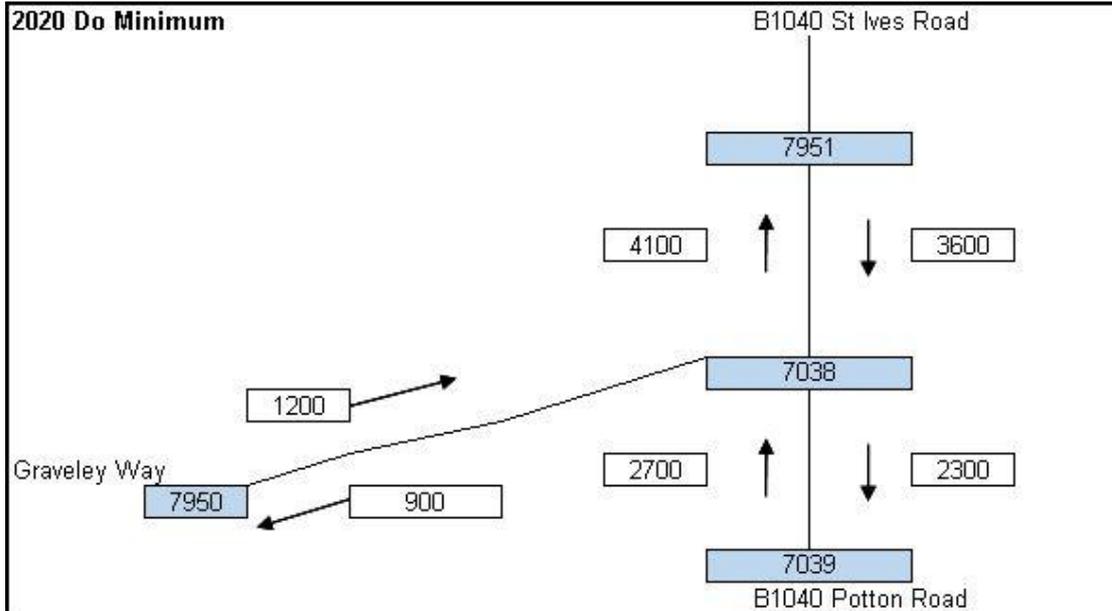
The diagrams are

- 2014 Base – this is the baseline data we used to build the model. The 2014 data was validated using traffic count data to ensure the model was accurate and represented a valid baseline to work the model from.
- 2020 Do Minimum – This represents 2020, without the scheme being built. This incorporates background growth that would happen without the scheme being in place, for example, developments at Bearscroft Farm, RAF Brampton or Northstowe - as well as others. More information on what development was included in the model can be provided if required.
- 2020 Do Something - This represents 2020, with the scheme being built. This incorporates both background growth as well as changes to journeys that would occur due to the scheme.
- 2035 Do Minimum – This represents 2035, without the scheme being built. This incorporates background growth that would happen without the scheme being in place.
- 2035 Do Something - This represents 2035, with the scheme being built. This incorporates both background growth as well as changes to journeys that would occur due to the scheme.

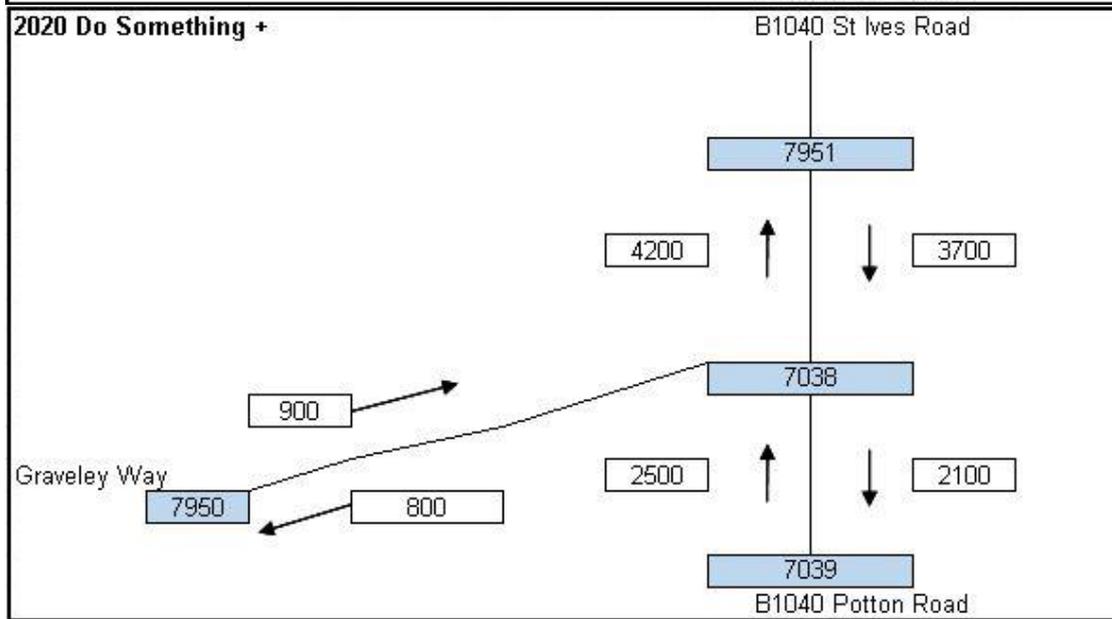
2014 Base

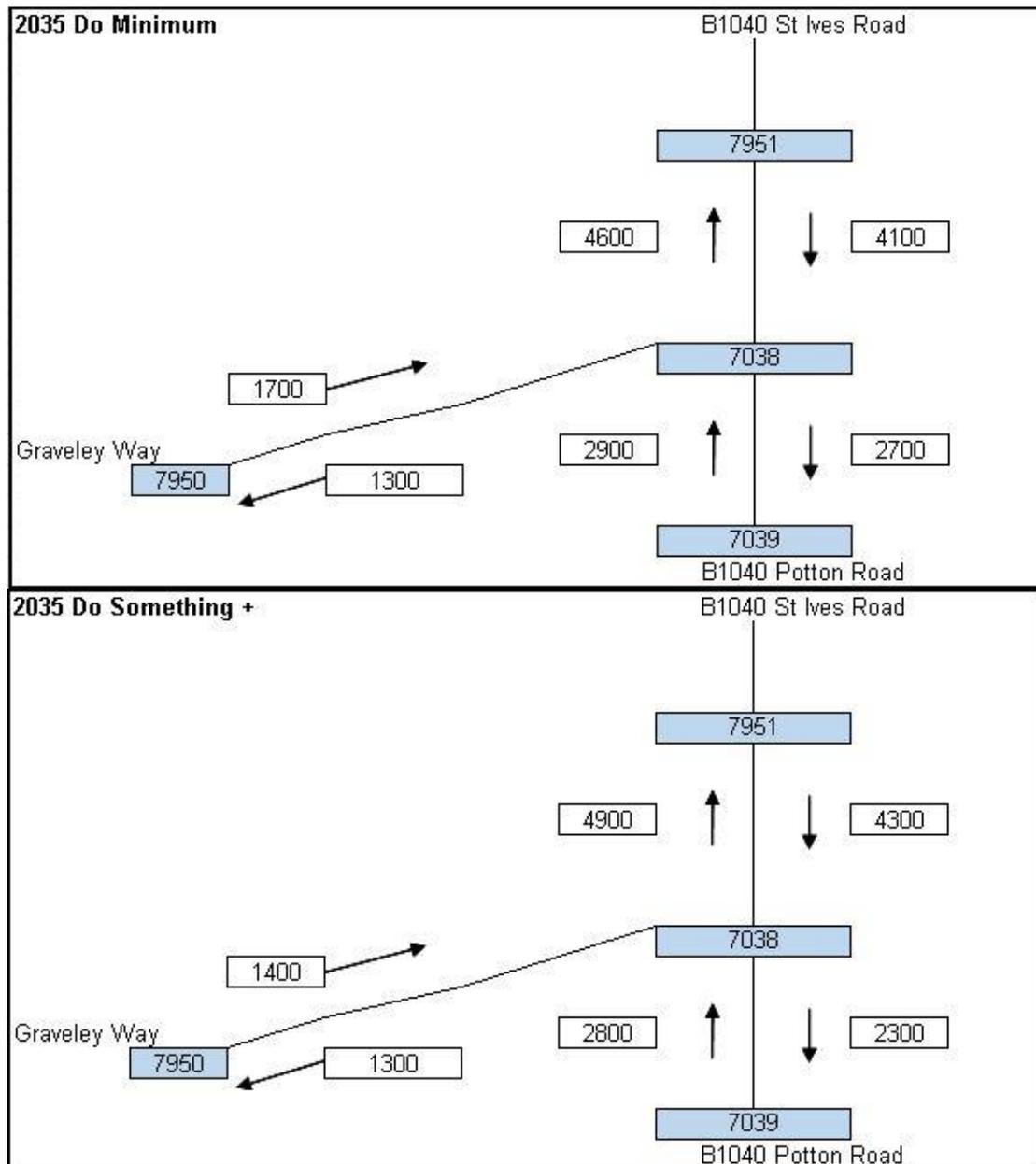


2020 Do Minimum



2020 Do Something +





Air quality monitoring equipment

The Graveley Way monitoring location in Hilton was chosen based upon the 'affected road network' identified in the Environmental Statement for once the A14 is fully operational in the design year of 2035. In other words, Graveley Way had a change in traffic that met the change criteria, and so was a potential monitoring site to see if these changes happen in the way expected.

A location on Potton Road (adjacent to The Paddocks) was discussed but it was agreed that this was not significantly affected by the operation of the scheme using AQ traffic change criteria. Although a monitoring site at Potton Road would be closer to the scheme itself, it would be in excess of 1km upwind of the scheme, and therefore unlikely to exhibit any significant changes in NO₂.

This position was agreed with HDC on 20 June 2016 (following approval of the Development Consent order on 13 May 2016). It should be noted that HDC are

undertaking the ongoing survey on behalf of the HE in line with their other air quality monitoring.