An area-wide traffic model has been used to predict traffic flows in 2031, following construction of the planned Joint Core Strategy developments including the Northwest Relief Road and the A43 improvements. The model has output results 'without' the Northern Orbital and 'with' the four Northern Orbital Route Options for the AM and PM peak traffic periods.

The model predicts that during the AM and PM peak periods the Northern Orbital will carry around 1500 vehicles per hour, with some sections carrying in excess of 2000 vehicles per hour. These are the combined two way traffic flows.

The comparison tables show the predicted traffic flows from the model 'without' the Northern Orbital on key local roads and the predicted change in traffic flows on these roads 'with' each of the Northern Orbital Route Options. A negative number indicates a predicted traffic reduction on a given road and an positive number indicates a predicted traffic increase.

As a preferred route is developed, we can examine further ways of reducing traffic flows on minor roads and encourage the use of the new Orbital Route.