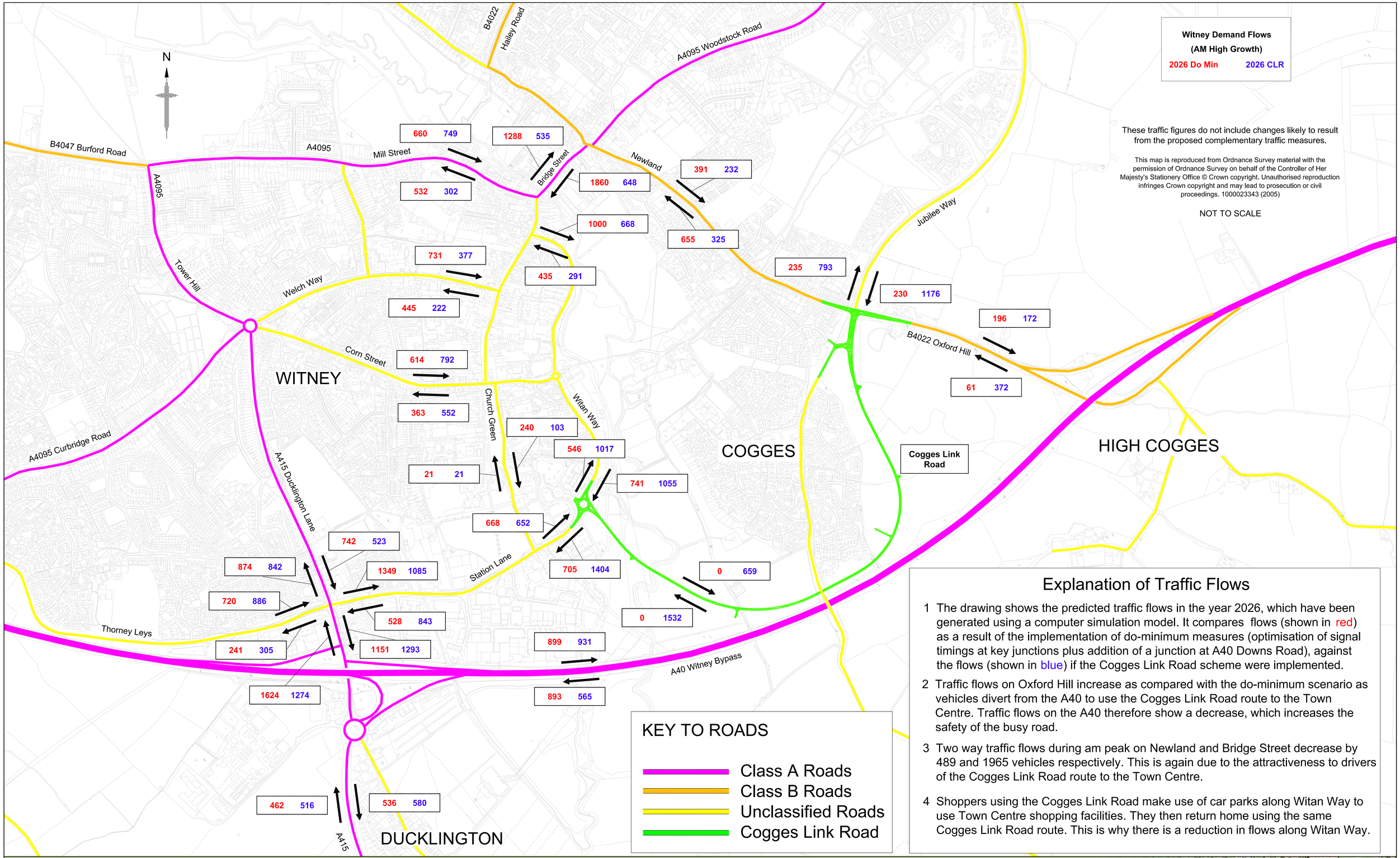

Explanation of Traffic Flows

1 The drawing shows the predicted traffic flows in the year 2026, which have been generated using a computer simulation model. It compares flows (shown in red) as a result of the implementation of do-minimum measures (optimisation of signal timings at key junctions plus addition of a junction at A40 Downs Road), against the flows (shown in blue) if the Cogges Link Road scheme were implemented.

2 Traffic flows on Oxford Hill increase as compared with the do-minimum scenario as vehicles divert from the A40 to use the Cogges Link Road route to the Town Centre. Traffic flows on the A40 therefore show a decrease, which increases the safety of the busy road.

3 Two way traffic flows during am peak on Newland and Bridge Street decrease by 489 and 1965 vehicles respectively. This is again due to the attractiveness to drivers of the Cogges Link Road route to the Town Centre.

4 Shoppers using the Cogges Link Road make use of car parks along Witan Way to use Town Centre shopping facilities. They then return home using the same Cogges Link Road route. This is why there is a reduction in flows along Witan Way.

COGGES LINK ROAD

Traffic Information

Oxfordshire Highways
www.oxfordshirehighways.org
Improving Your Roads