

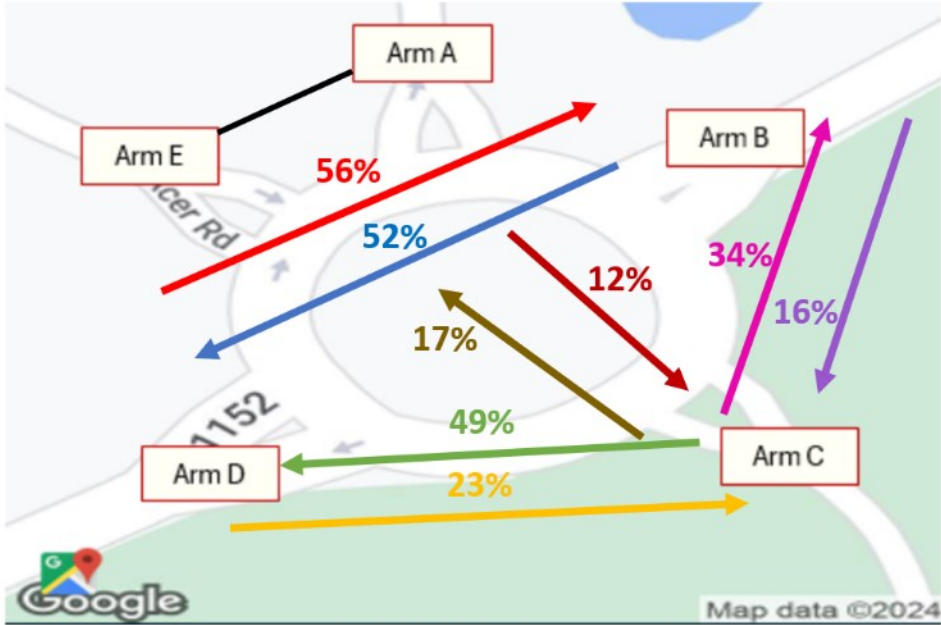
JOINT PARISHES TRANSPORT INITIATIVE

Traffic Data Review

Luke Barber

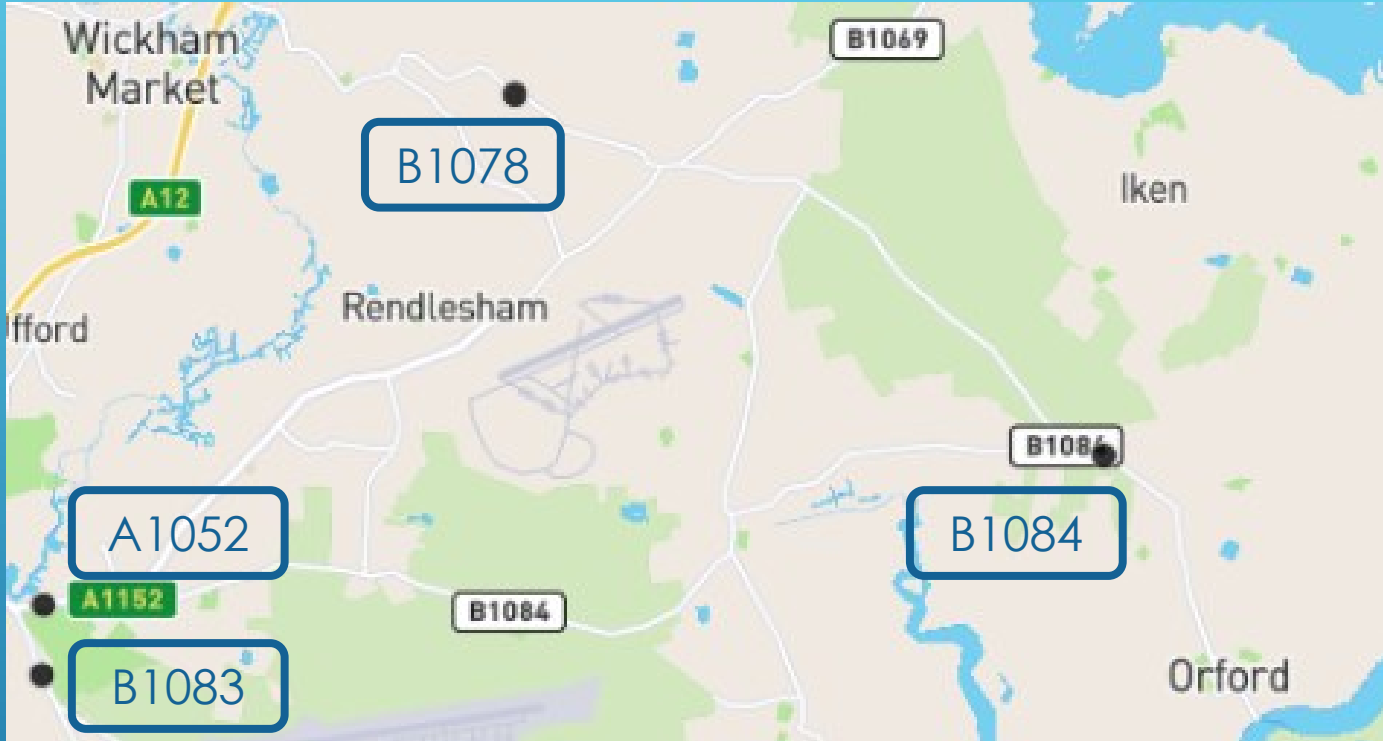


Traffic Count Data 18-24 April 2024



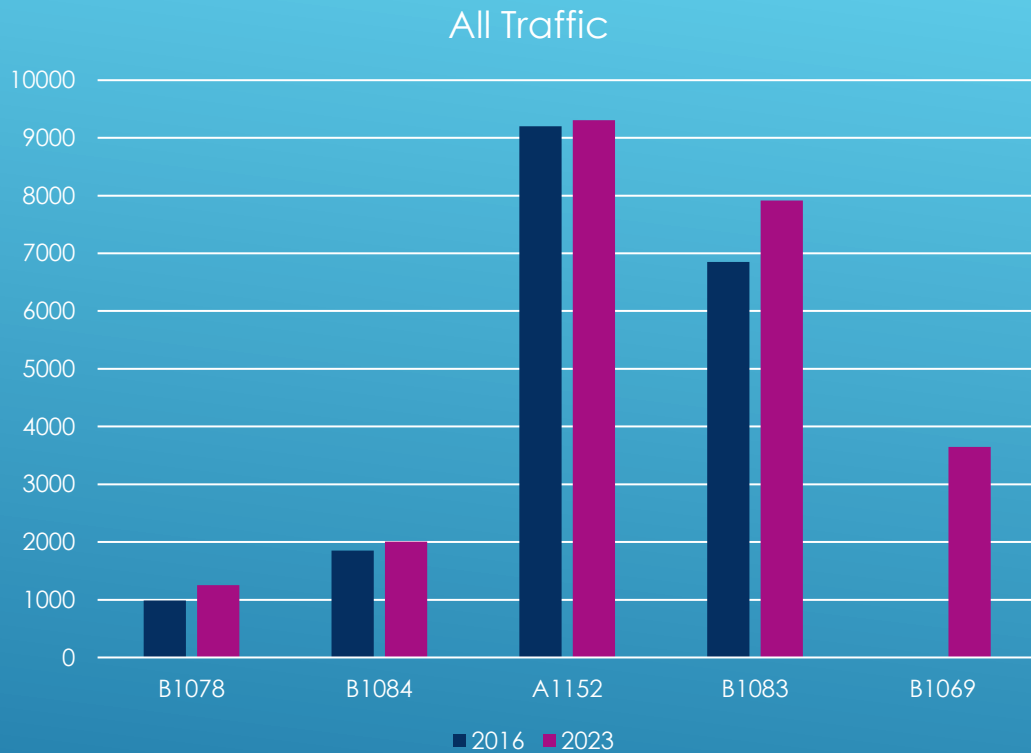
- ▶ Analysis by Ben Woolnough
- ▶ Over half the traffic passes through the roundabout on the A1152
- ▶ A majority of Bentwaters departures travel south
- ▶ Significant local movements between Bentwaters and Rendlesham

BENTWATERS GATE ROUNDABOUT



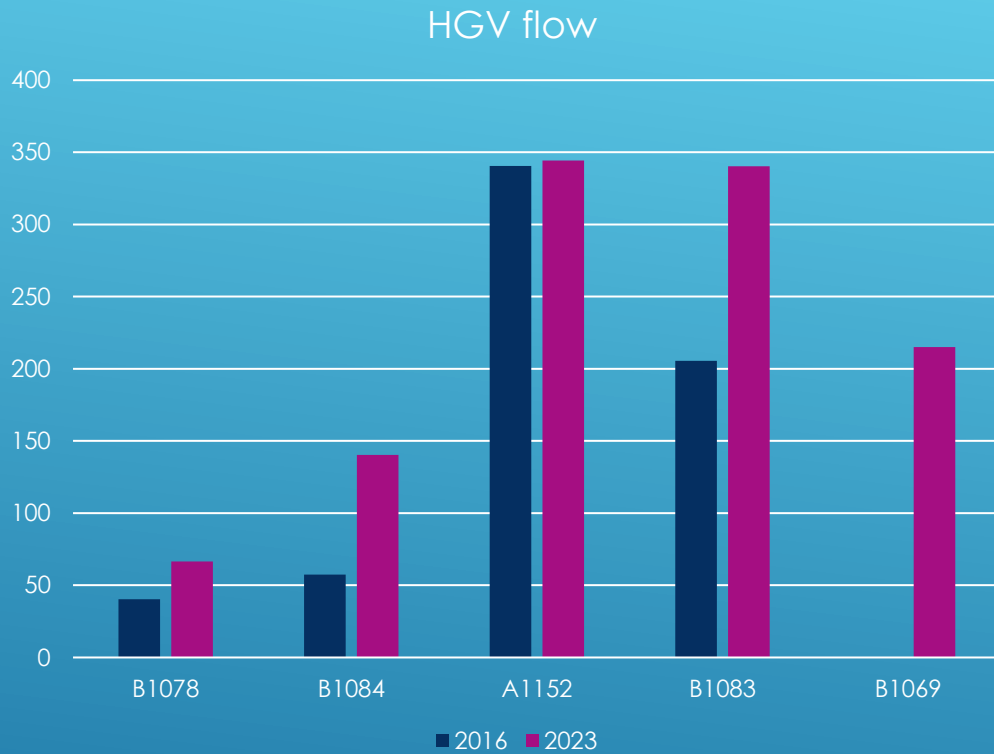
- ▶ Traffic flow counts from 2016 and 2023
- ▶ A1152 and B1078 are the primary Bentwaters movements
- ▶ B1083 & B1084 provided for wider context

TRAFFIC COUNT LOCATIONS



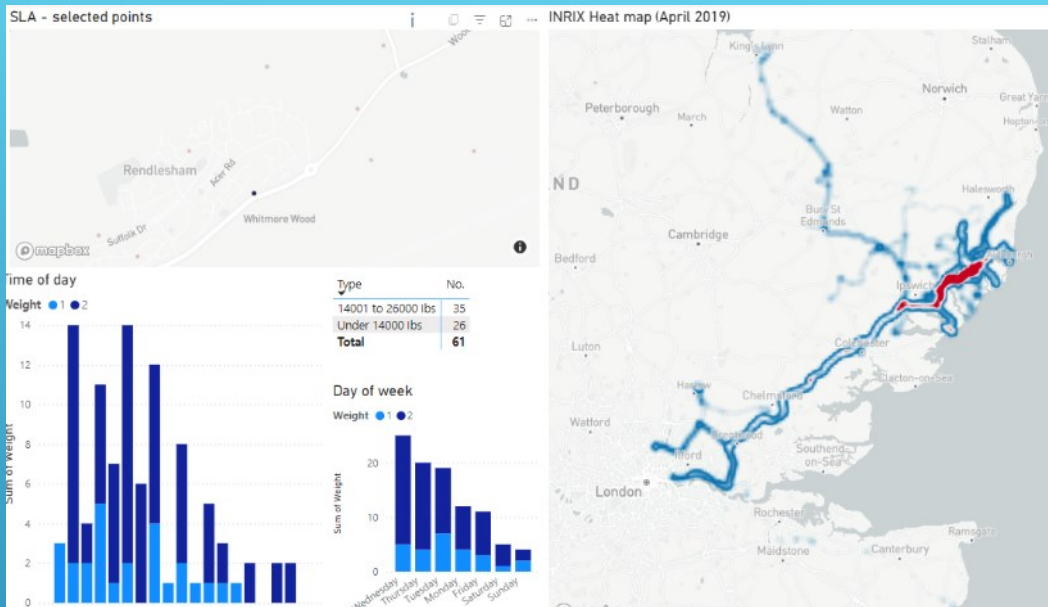
- ▶ 5-day average daily flows
- ▶ A1152 sees the largest traffic flows
- ▶ But the B1083 also has significant volumes, and shows an increase
- ▶ B1078 & B1084 flows low in comparison to other routes
- ▶ No 2016 count data for B1069, this was added to better understand the corridor in 2023

TRAFFIC FLOW SUMMARY – ALL VEHICLES

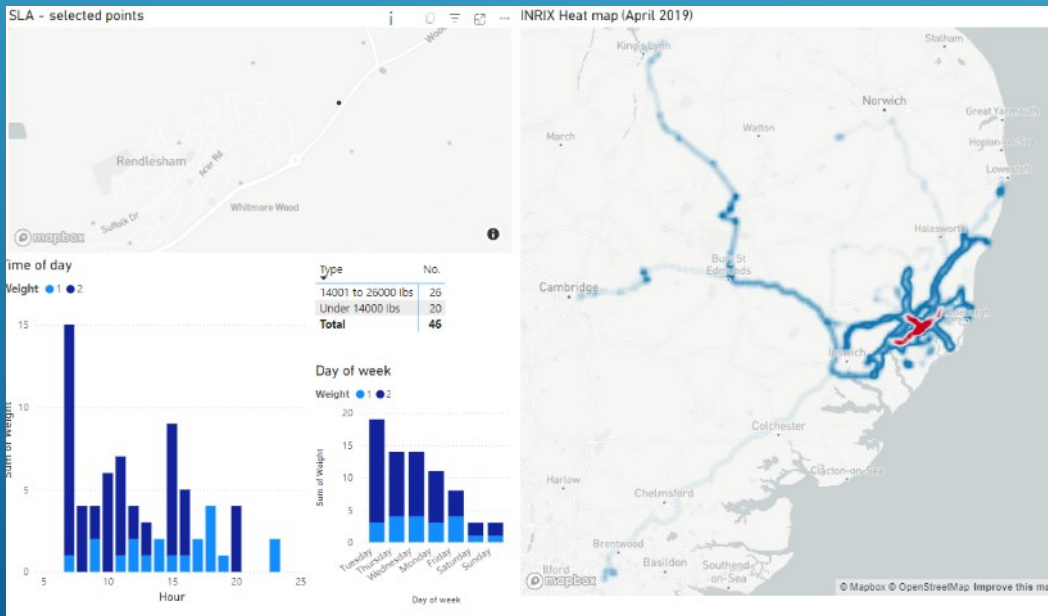


- ▶ 5-day average daily flows
- ▶ HGV traffic static along A1052 route
- ▶ Significant increases on the B1083, taking it to similar volumes to the A1052 in 2023
- ▶ Increases on other routes too, but from a lower base level
- ▶ As previously stated, no 2016 traffic data for the B1069

HGV ONLY TRAFFIC FLOWS



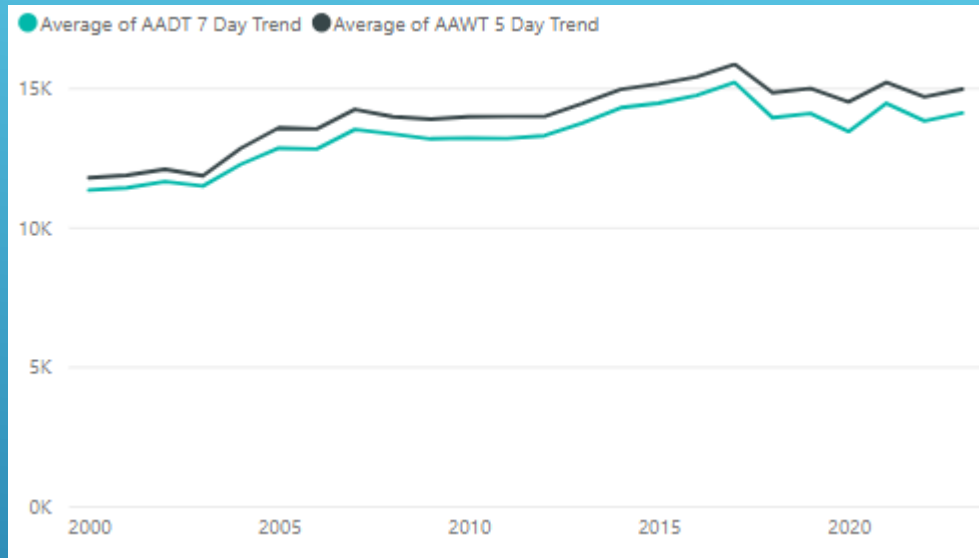
South of Bentwaters



North of Bentwaters

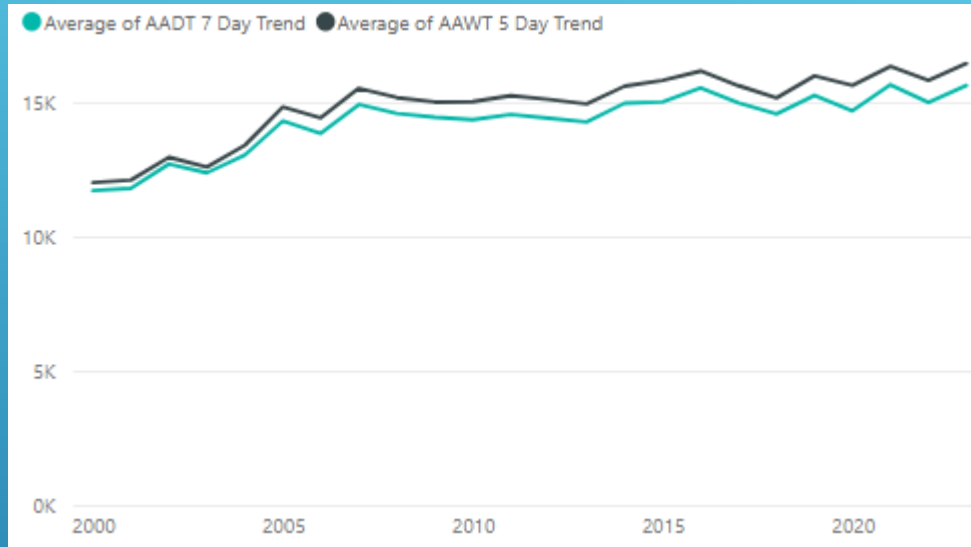
- ▶ Dataset is from 2019 only
- ▶ Routing of traffic turning left at the Bentwaters roundabout is more strategic, with strong flows towards London
- ▶ Routing of traffic that turns right is more localised, with flows to Badingham and Westhall.
- ▶ Both have observable flows to Kings Lynn

INRIX (2019) DATA



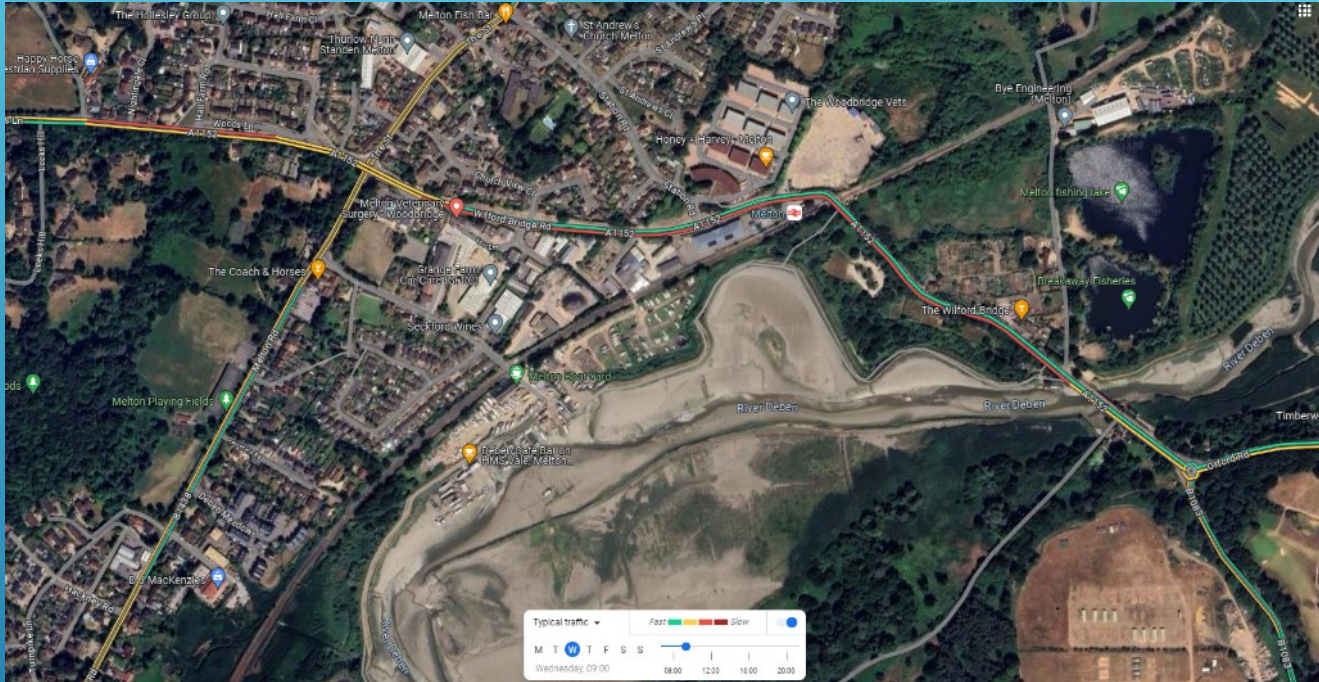
- ▶ Peak traffic in 2016
- ▶ Flat volumes in recent years
- ▶ Average speeds have come down from 37 mph to 29 mph, linked to reduced speed limit on Woods Lane

WOODS LANE - WEST OF MELTON CROSSROADS



- ▶ Traffic slowly trending upwards
- ▶ Initial rapid rise in volumes peaked in 2007
- ▶ Average speeds have come down from 37 mph to 34 mph, potentially linked to overall congestion on Woods Lane

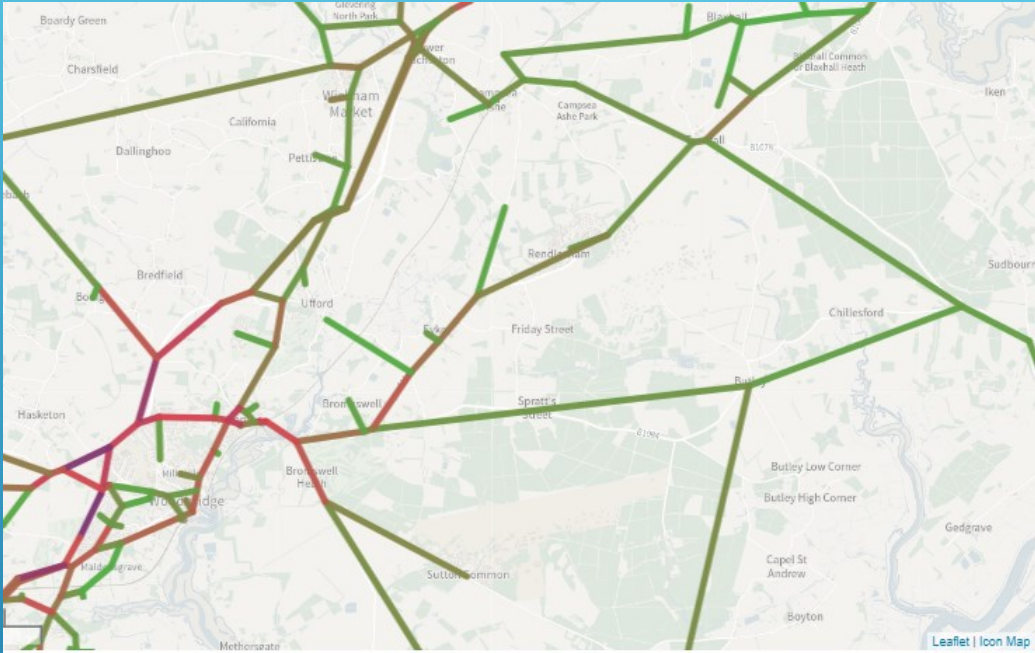
WOODS LANE - EAST OF MELTON CROSSROADS



Wednesday AM - typical traffic

WOODS LANE – GOOGLE

- ▶ Data needs to be treated with caution as Google don't explain their traffic algorithms
- ▶ However, Wednesday generally trends as the worst congested day.
- ▶ Is this the most popular work-from-office day at ESC and other local employers?



- ▶ 2036 Local Plan scenarios (AM)
- ▶ Area generally performs well in modelled scenario
- ▶ Main challenges are around the A12 and Woods Lane
- ▶ Significant traffic from the B1083 arm increases delay at Woods Lane
- ▶ A greater understanding on the recent traffic increases in the Bawdsey / Hollesley area would be helpful

SUFFOLK COUNTY TRAFFIC MODEL

- ▶ We have access to a lot of data, but making sense of it all is challenging.
- ▶ It would be useful to compare SCC datasets with other local data from Bentwaters, to look for wider trends and any inconsistencies
- ▶ The area around the Wilford Bridge needs more study as significant traffic appears to come from the B1083 direction
- ▶ It would be very useful to investigate any observations by the wider group

NEXT STEPS



THANK YOU FOR LISTENING

