

A34 Perry Barr Journey Time Comparisons

We have carried out extensive modelling of traffic flows through both the existing layout in 2018 and the proposed layout in 2022 and 2026. We have modelled peak hour flows in the morning, evening and Saturday lunchtime to assess the performance of the proposed layout. As part of this we have taken account of the traffic impact of Sprint, the Clean Air Zone and the improved cycling facilities.

In 2022, the modelling shows that in the morning peak, most journey times are forecast to be slightly longer than existing, by an average of 22 seconds. In the evening peak, the average journey time is forecast to take a minute longer than it does now. The average bus journey through the area is forecast to be 6 seconds quicker in 2022.

If the flyover were to be retained and the Aldridge Road closed, there would be an average increase in Journey times of 2 minutes and 9 seconds in the AM peak, and 9 minutes and 47 seconds in the PM peak. So although it can be seen that the scheme leads to a marginal increase in journey times, journey times would be far worse if the flyover were to be retained.

Table 1 Average change in Journey Times 2018 vs Proposals in 2022

Model Year	Peak	Average change in Journey Time 2018 vs Proposals
2022	AM	+22 sec
2022	PM	+63 sec
2022	Sat	+40 sec

In 2026, the modelling shows that in the morning peak, most journey times are forecast to be slightly longer than existing, by an average of 11 seconds. In the evening peak, the average journey time is forecast to take 6 seconds longer than it does now. The average bus journey through the area is forecast to be 4 seconds quicker in 2026.

If the flyover were to be retained and the Aldridge Road closed, there would be an average increase in Journey times of 2 minutes in the AM peak, and 8 minutes and 48 seconds in the PM peak. So although it can be seen that the scheme leads to a marginal increase in journey times, journey times would be far worse if the flyover were to be retained.

Table 2 Average change in Journey Times 2018 vs Proposals in 2026

Model Year	Peak	Average change in Journey Time 2018 vs Proposals
2026	AM	+11 sec
2026	PM	+6 sec
2026	Sat	+44 sec