

55334 Traffic Congestion

I would like the information gathered that shows the projected effects on surrounding roads and businesses from closing through traffic to the Mound, George IV Bridge, North Bridge leaving just one route from west to east through the city.

A technical summary report was published as part of the 1 Feb 2024 Transport and Environment Committee report on Our Future Streets. This includes details on the changes to traffic access in the city centre and the modelling of impacts that are anticipated. For an overarching assessment of the benefits of the Edinburgh City Centre Transformation project, an economics benefits calculation and how businesses are reflected within the Future Streets framework, please see the links below and the attached report.

[Item 7.2 Our Future Streets - a circulation plan for Edinburgh Part1.pdf](#)

[Item 7.2 Our Future Streets - a circulation plan for Edinburgh Part2.pdf](#)

Also, if you could provide the analysis of the projected effects of reducing speed limits on arterial roads into and out of the city against the current traffic flows, i.e. is it projected that congestion will increase/decrease and if the changes are expected to lengthen the traffic flows to a larger part of the day timewise?

No traffic modelling has been undertaken for the planned reductions in speed limits from 40mph to 30mph on arterial and other routes.

However, traffic flow (total volume) is not expected to be affected by speed limit reductions. Overall road capacity can increase as speed limits reduce as a result of reduced gaps between vehicles, although the time taken to undertake a journey may take slightly longer in free flow conditions. Junction capacity, which has a more significant effect on traffic flow, remains unchanged.