

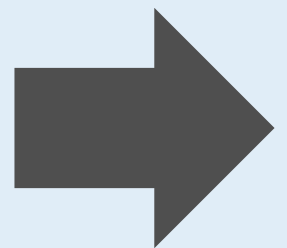
What if?



If all the 50km/h roads within Adelaide City reduce to 40 km/h,
what happens to travel time?



See impact results

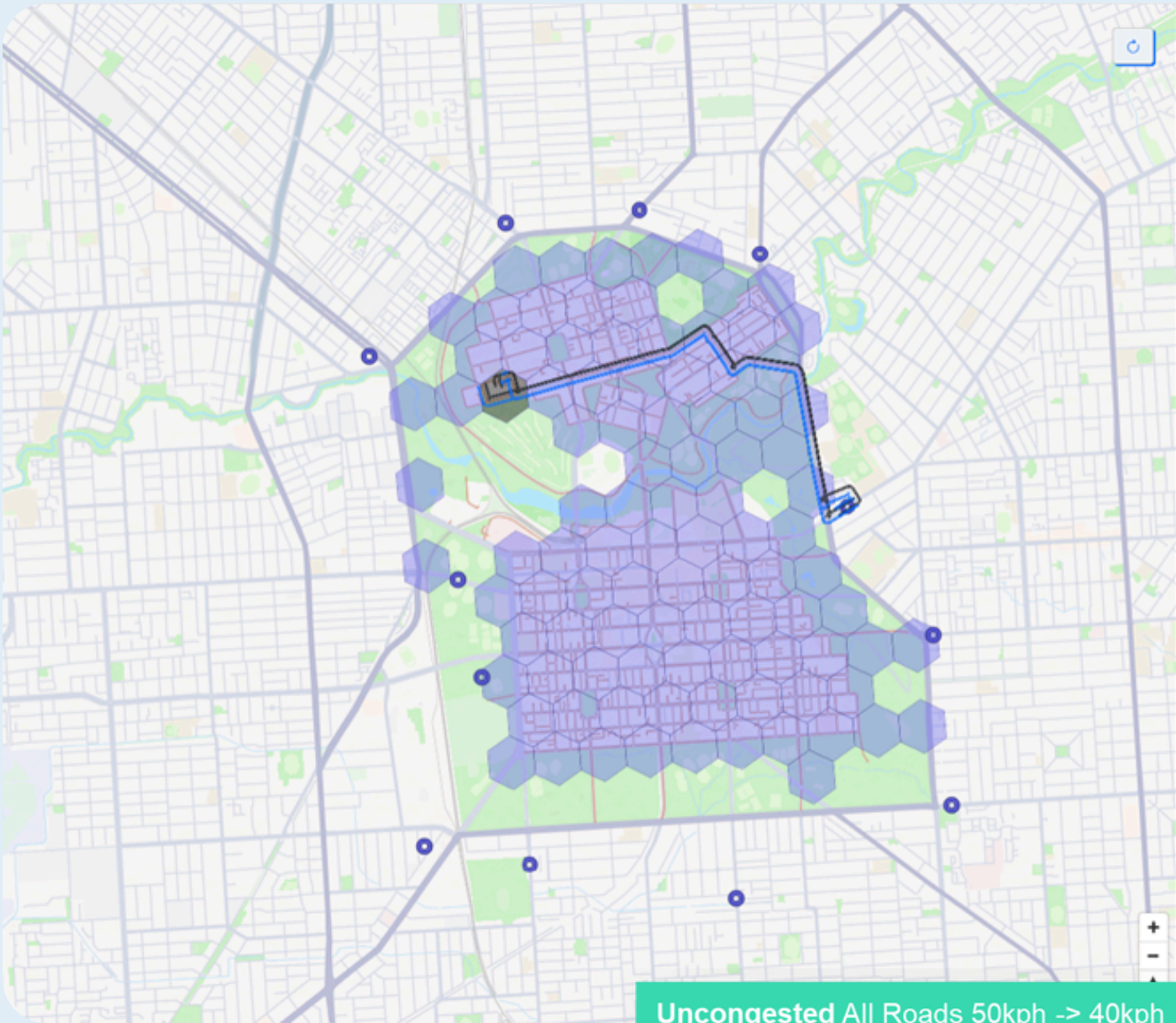
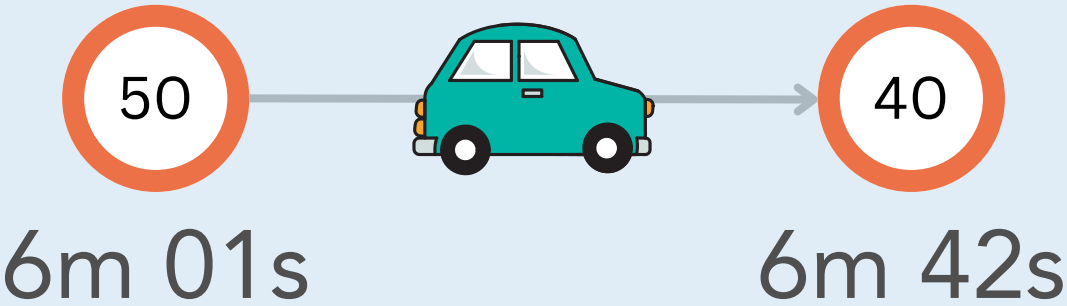


*We presented this scenario in the recent Transport Professional Association Conference using our **Safer Speeds Simulator** that helps community members to understand the maximum impact safer speed initiatives would have on their journeys.*

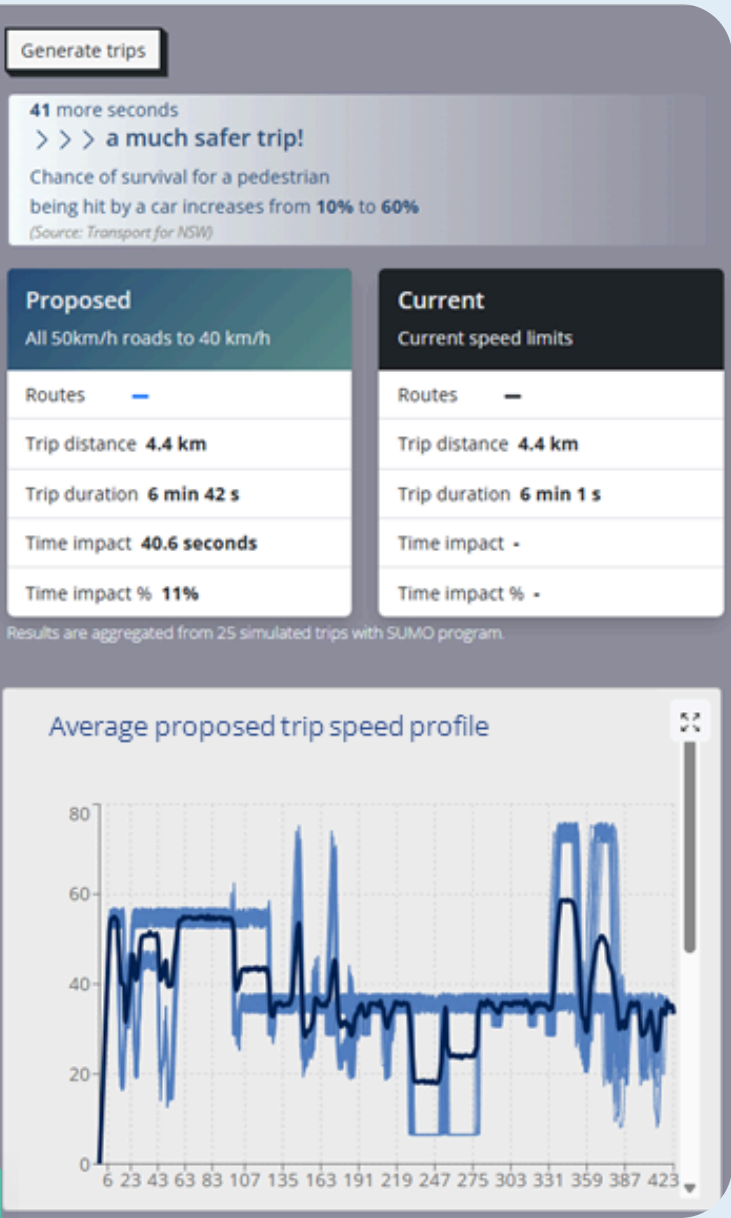
Travelling east to west



Journey time impact:
+42 seconds



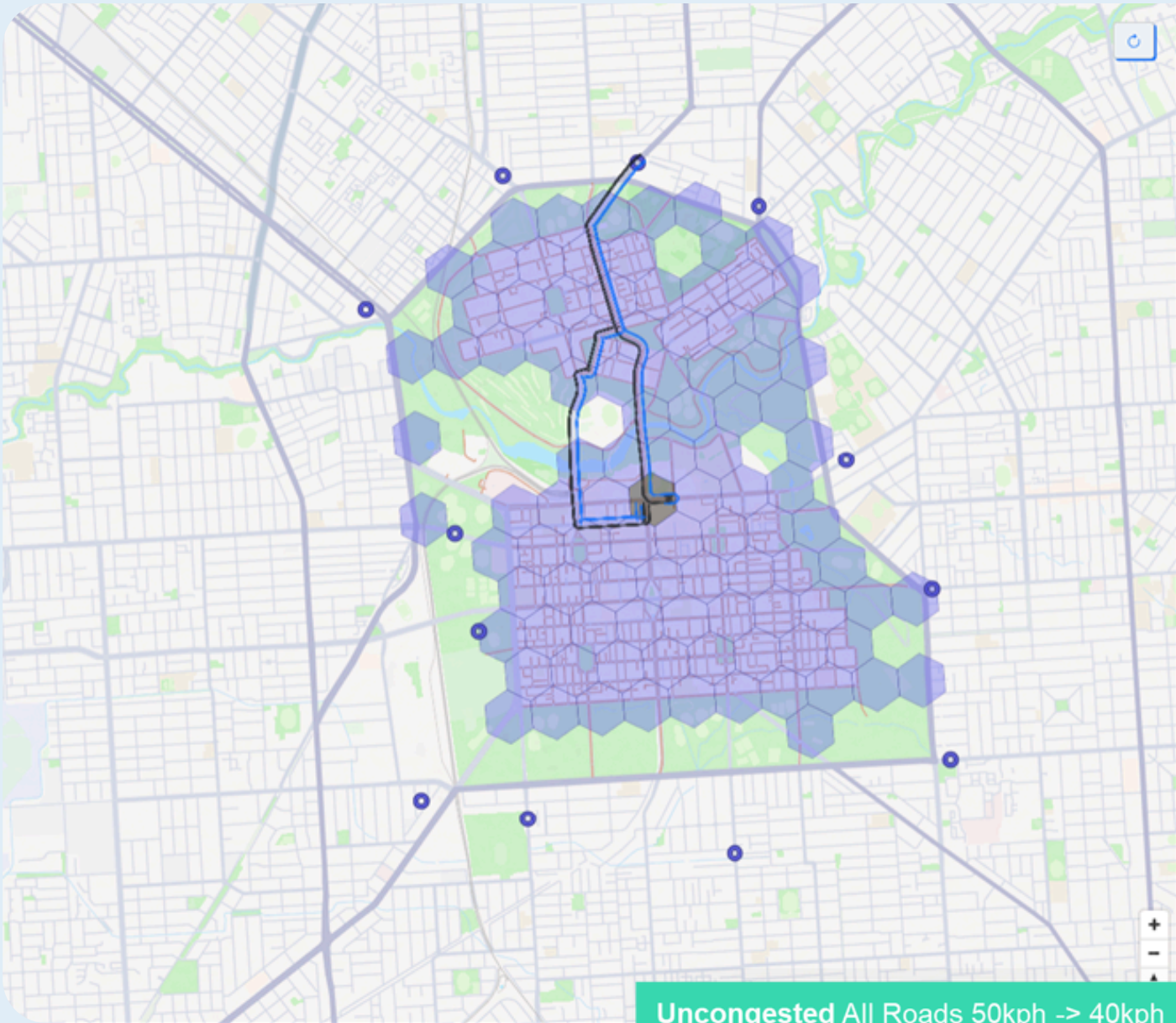
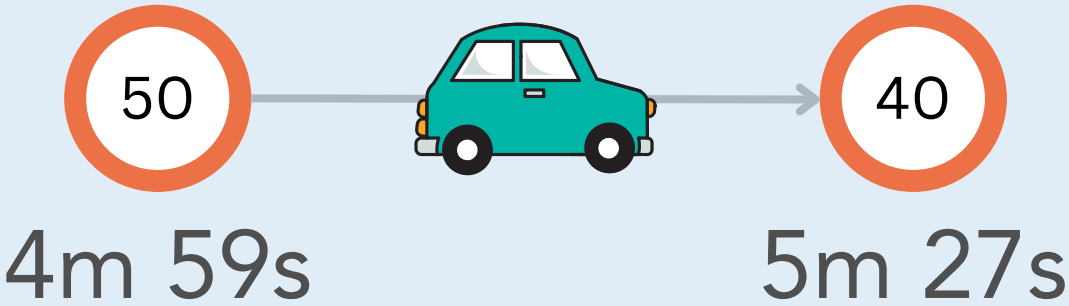
Uncongested All Roads 50kph -> 40kph
Random OD Pairs



Travelling north to centre



Journey time impact:
+28 seconds



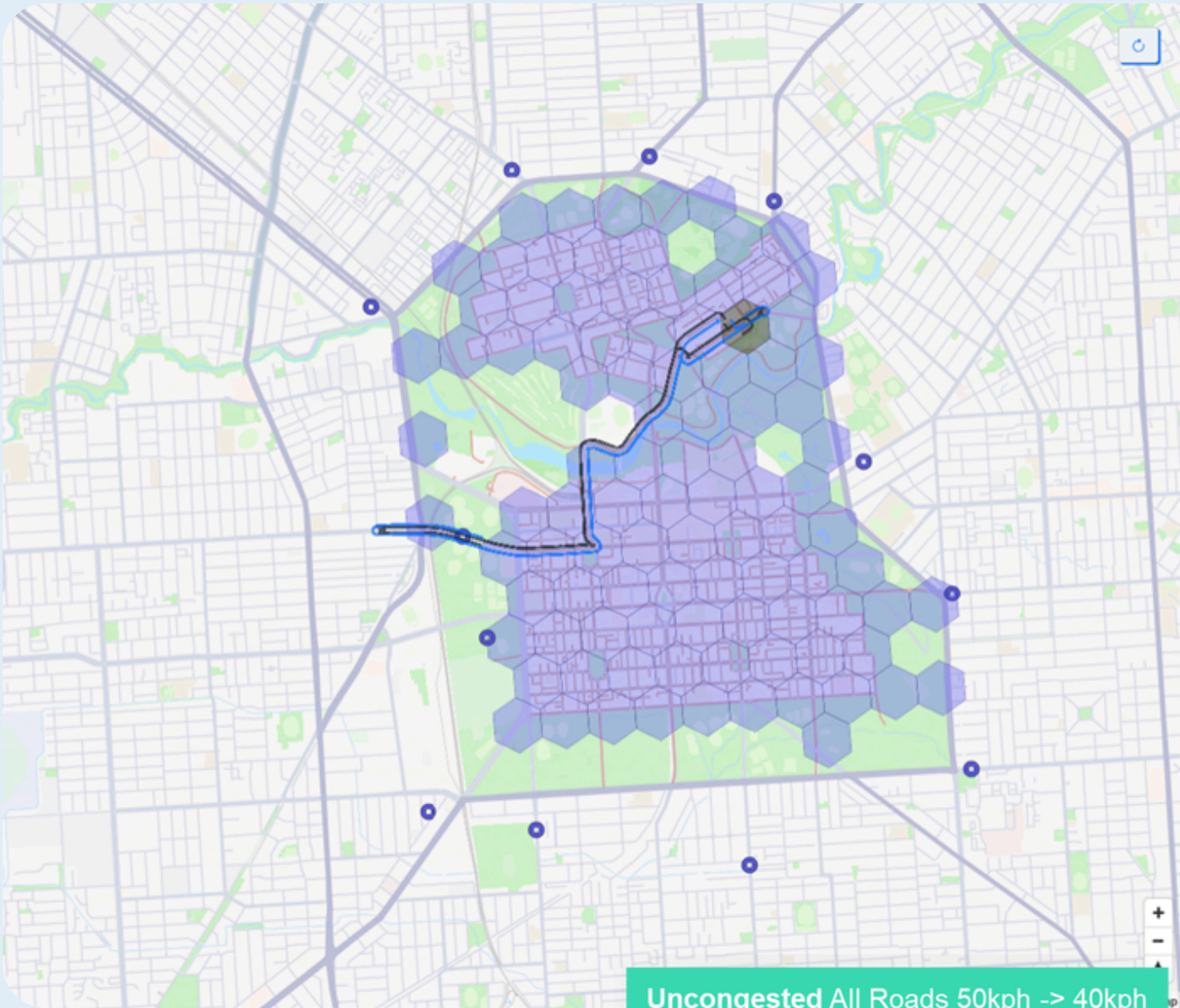
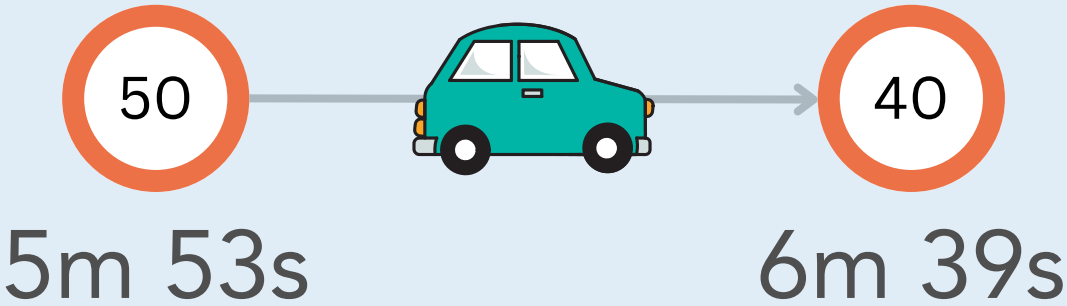
Uncongested All Roads 50kph -> 40kph
Random OD Pairs



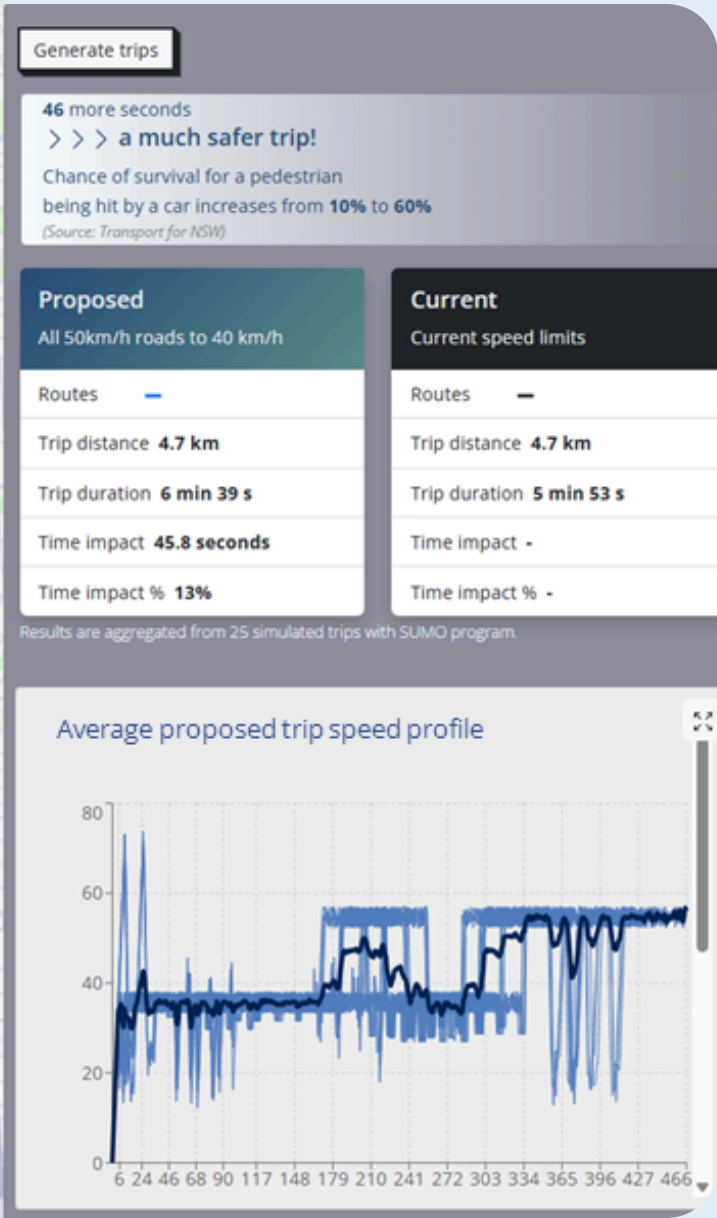
Travelling west to north-east



Journey time impact:
+46 seconds



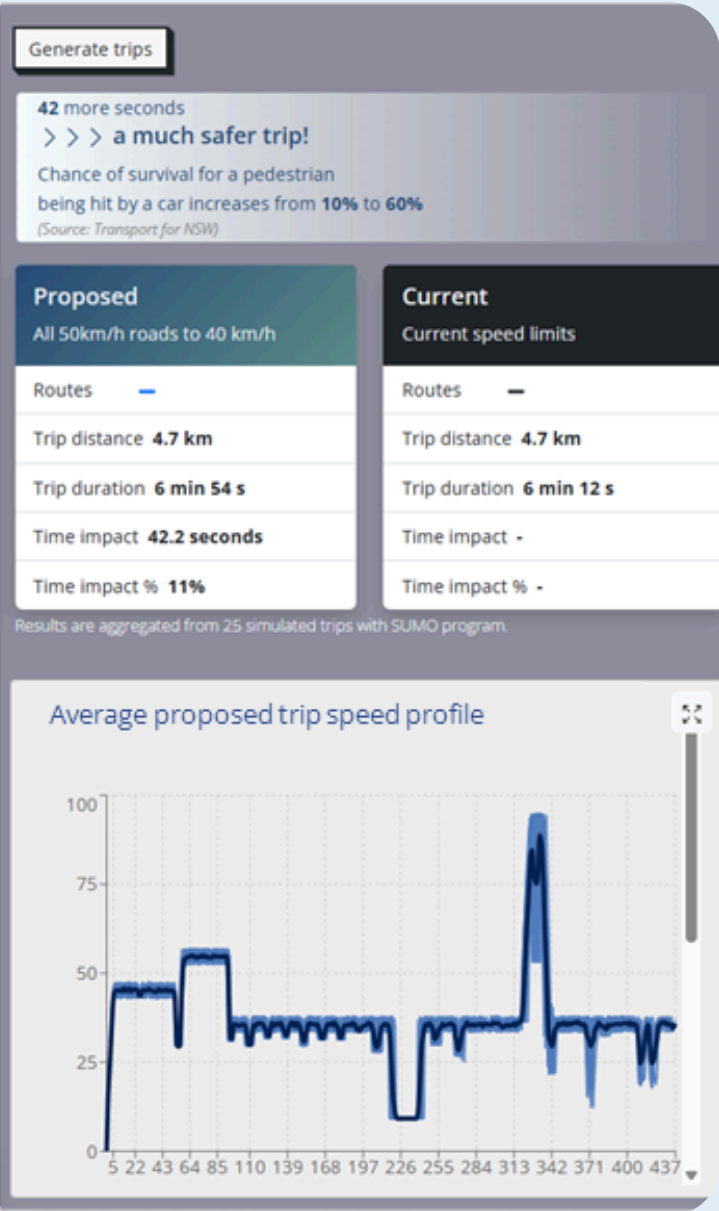
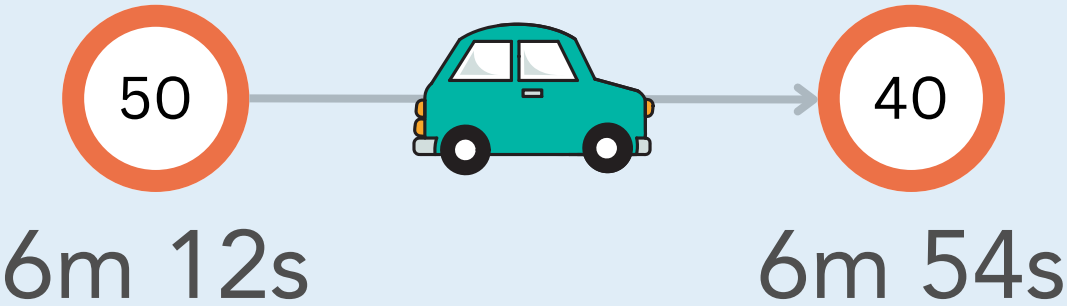
Uncongested All Roads 50kph -> 40kph
Random OD Pairs



Travelling south to north



Journey time impact:
+42 seconds



Insights and assumptions



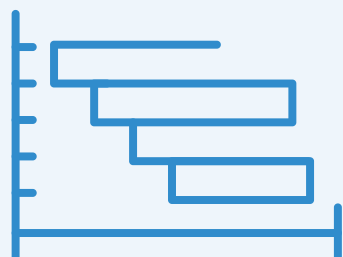
Simulations used uncongested baseline conditions, representing the maximum possible travel time impacts.



Travel time impacts remain minimal even in these worst-case scenarios, with most delays under 50 seconds while delivering substantial road safety and amenity improvements.



Real-world city trips are typically longer than boundary-to-center routes simulated, reducing the proportional impact of any delays on overall trip times.



Our hypothetical scenario considered all roads changing speeds. A gradual or targeted roll-out would have a lower impact.

If you would like to hear more
about our **Safer Speeds
Simulator**, please get in touch:



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Beau Seymour presented this scenario, *Driving Change: Persona-Based Traffic Simulations for Community Engagement in Speed Reduction*, at the AITPM National Transport Conference



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We respectfully acknowledge the traditional custodians of the diverse Aboriginal lands on which we operate and where our projects unfold. We pay our respects to their elders past and present, and recognize the enduring connection between Aboriginal and Torres Strait Islander peoples and their ancestral territories. As we work on these lands, we strive to uphold the principles of respect, cooperation, and environmental stewardship, guided by a shared commitment to a harmonious future.

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