

Stops & Goes updates

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SNUG – Sept 2024

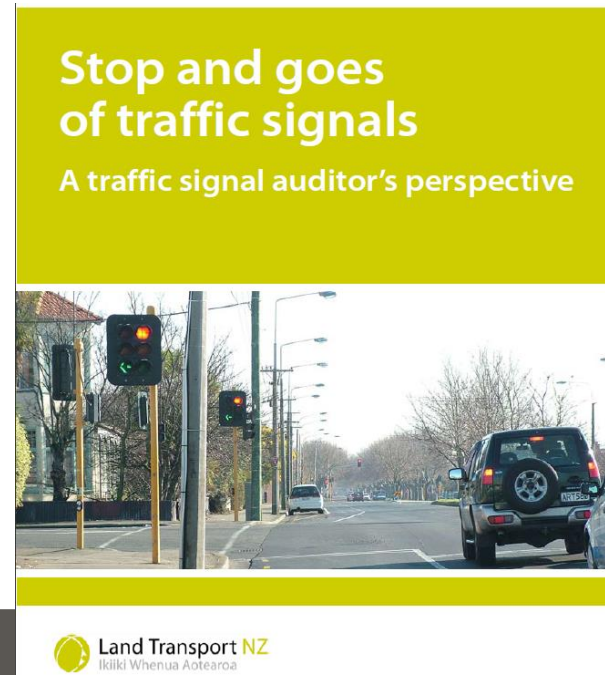
Stop and goes of traffic signals

A traffic signal auditor's perspective



Recap & update

- Then: Stops & Goes of Traffic Signals: an auditor's perspective
 - First released in 2004, updated in 2006
 - Based on audits of 123 NZ intersections
- Now: SNUG committee has requested an update and accepted our offer
- Next step: seek industry feedback on proposed priorities for the scope



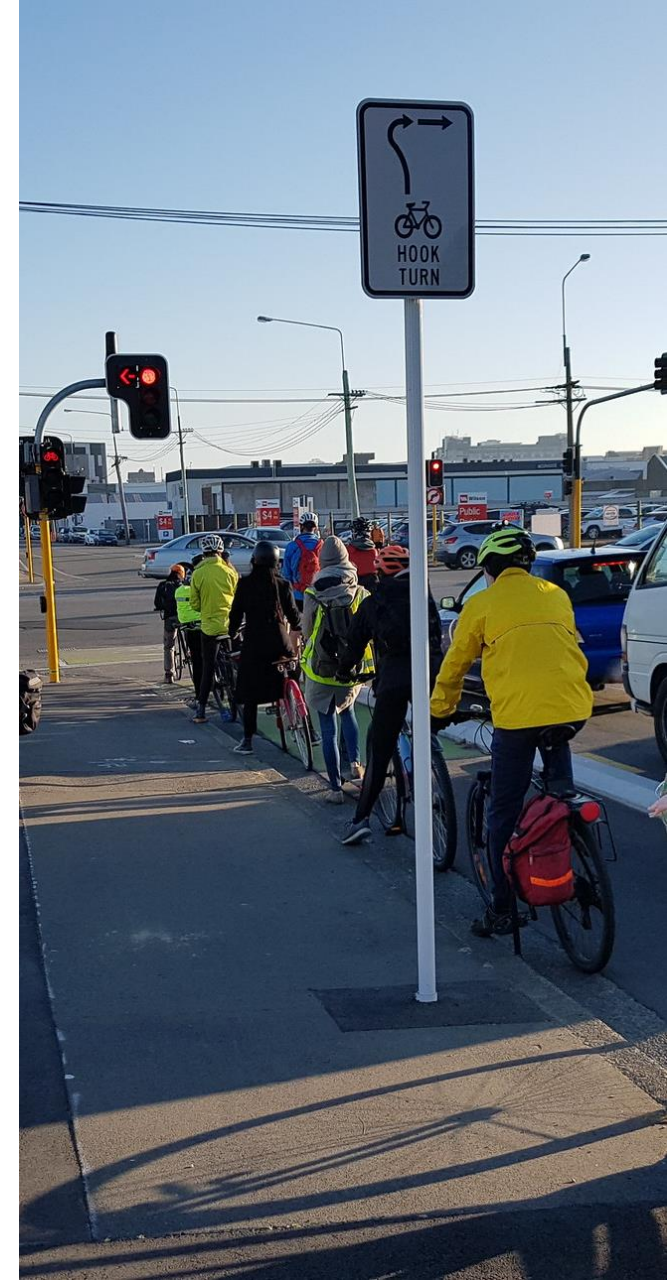
Agreed scope

1. Cyclist & pedestrian best practice at signalised intersections
2. Bus priority at signalised intersections
3. A checklist for future traffic signal review / audit
4. Crash search / patterns refinement



1: Cyclist & pedestrian best practice at signals

- Forms of pedestrian protection
- Through cyclist vs left turning motorist conflict
- Incorporating cycle infrastructure that isn't on the roadway
- Hook turns and advanced stop boxes
- Detection
- Vehicle tracking through intersection



2: Bus priority at signals

- Head starts / queue jumps
- Active signal priority
- Bus gates
- Integration with cycling

- Does it need a discussion on what cannot work, e.g. integration with taxis / HOV?



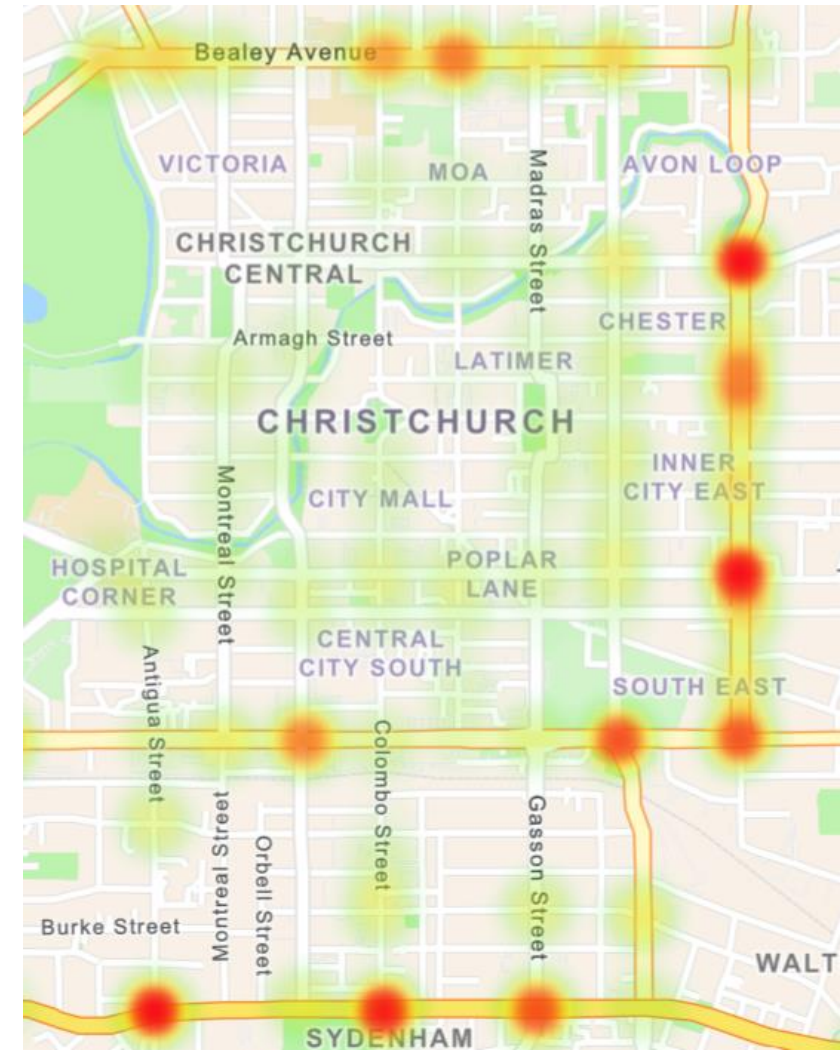
3: Checklist for review / audit

- Covering the key elements detailed throughout the document



4: Crash search / refinement

- Analyse signalised intersections across NZ
- Identify factors that contribute to safety
- Compare the safety benefits of different operational and layout characteristics



We'll be in touch soon

- Look forward to receiving a survey



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Tēna koutou katoa
Thank you

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