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Presentation title:	Bikes at lights in North America: findings from a study tour		

**Overview of presentation** (300 word maximum)

*Include details of topic scope, key findings, and any issues for discussion or further investigation*

Megan Fowler, the author of this paper, was a recipient of the 2016 IPENZ Transportation Group study award and supplementary funding from the NZ Transport Agency. The study investigated ways of addressing conflict between people on bikes and motor vehicles at signalised intersections with separated cycleways on the approaches.

The author undertook a background literature review and visited seven cities in North America to investigate relevant sites with a variety of different treatments and talk to people involved in the planning, design and operation of these sites. The author also attended the NACTO Designing Cities Conference, which gave insights into the technical, political and legislative context of planning and designing for cycling in North America, and the chance to meet a great number of planners and designers from all over North America, some of whom became interviewees for the study tour.

The particular treatments studied include: full protection of cycling movements (i.e. via traffic signal operation); allowing filter turning of motor vehicles through cycle movements, with physical treatments to highlight the potential for conflict; addressing the conflict on the approach to the intersection by cycle facility transitions; and 'protected' intersection design (a combination of geometric and operational aspects similar to what is used in Holland).

This paper outlines the key findings from the study tour, including recommendations for aspects that could be applied in New Zealand.

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