

# Advanced Intersection Design for Cycling

## Pre-workshop information



Thank you for your interest in this workshop; this note provides a brief overview of what to expect.

ViaStrada staff will be presenting this full-day industry training workshop based on the current advice in the *Cycling Network Guidance*, new developments, recent cycling research, and local case studies.

## Logistical details

- Venue: Your venue details should be provided separately by covering email
- Duration: Please arrive at 8:30 am for registration; courses start at 8:45 am and should finish at 5:00 pm. Please inform the presenters should you need to depart early.
- We provide: Course notes & references (hard copy), exercise materials, pens and pads. Morning tea, lunch and afternoon tea also provided (*please ensure that your dietary requirements have been conveyed to us*). The course presentations will be provided separately to you in electronic format.
- What to bring: Just yourself!

## Course content

This interactive workshop focuses on advanced intersection design for cycling, particularly issues around signalised intersections and roundabouts, and the use of separated cycleways. Participants receive a series of introductory presentations on how to provide for cycling at intersections and then work in groups on four real-life site problems. Topics covered will include:

- Overview of the *Cycling Network Guidance*, recap of target audiences and 6 Elements of Continuity
- Left-turning movement options (signals, bypasses)
- Through movement options (conflicts with turning traffic, signal phasing options, bypasses)
- Right turn & other movements (signal phasing options, hook turns, protected intersections)
- Non-signalised treatments (side roads & driveways, roundabouts)
- Putting it all together (general principles of intersection design)

The group design exercises will be designed to apply workshop learnings to local scenarios (identified by nearby road controlling authorities), with an opportunity to discuss the findings afterwards. The emphasis will be on the selection of the most appropriate intersection design elements for each situation.

This course is aimed at designers tasked with delivering cycleways with intersection treatments; ideally participants will be familiar with fundamental aspects of simple cycleway design and/or intersection design.

*Participants should ideally have either previously undertaken the introductory cycle planning/design course (or equivalent) or have sufficient previous work experience in cycle facility projects. Please discuss your prior training or work experience with Glen Koorey if unsure whether you meet the criteria.*

## Cancellations

Cancellations received after the early-bird cut-off date incur a fee of \$100 (+GST) per person. Non-attendance ('no-shows') on the day will be charged at the full registration rate. Substitutions on the day are welcomed at no charge.

## Further information

- For further information regarding your registration & venue requirements
  - Contact **Debbie Roxby**: Ph: 021 0259 3977 E: [training@viastrada.nz](mailto:training@viastrada.nz)
- For further information regarding the course material OR If you have problems on the day of training (lost or late)
  - Contact **Glen Koorey**: Ph: 027 739 6905 E: [glen@viastrada.nz](mailto:glen@viastrada.nz)
- For further information/updates and to find out more about this and other coming training courses
  - Visit the ViaStrada website [www.viastrada.nz/training](http://www.viastrada.nz/training)