Fostering inclusion and respect through a training module for novice drivers

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Velo-City 2019, Dublin
Background: Issues

Infrastructure won’t change quickly

Share the Road

HOW exactly?
Background: More Issues

Cyclist fatalities and injuries

Cyclist–motorist ‘tensions’
How, when and what are we teaching learner drivers about interacting with cyclists?

What should we be teaching and how?
Background: Current Advice

- Limited
- Inconsistent
- Lacks explanation
- Negative rather than positive
Module Development: Objectives

- Embed positive cyclist-related content in driver licencing processes
- Improve drivers’ understanding of cyclists’ behaviour
- Support drivers in interacting safely with cyclists
- Appropriate and consistent advice
Stakeholder Interviews

Motorists need to experience cyclists’ conditions and POV

Key Risk Situations

<table>
<thead>
<tr>
<th>B-MV Crashes</th>
<th>Victoria</th>
<th>Queensland</th>
</tr>
</thead>
<tbody>
<tr>
<td>Right through - Opposing directions</td>
<td>17.6</td>
<td>11.0</td>
</tr>
<tr>
<td>Cross traffic - Adjacent approaches</td>
<td>10.8</td>
<td>12.1</td>
</tr>
<tr>
<td>Vehicle door - On path</td>
<td>9.4</td>
<td>0.0</td>
</tr>
<tr>
<td>From footway - Maneuvering</td>
<td>8.8</td>
<td>24.2</td>
</tr>
<tr>
<td>Emerging from driveway/lane - Maneuvering</td>
<td>5.9</td>
<td>3.4</td>
</tr>
<tr>
<td>Rear end – Same direction</td>
<td>5.9</td>
<td>2.5</td>
</tr>
<tr>
<td>Right near - Adjacent approaches</td>
<td>5.6</td>
<td>8.7</td>
</tr>
<tr>
<td>Left near - Adjacent approaches</td>
<td>5.5</td>
<td>7.5</td>
</tr>
<tr>
<td>Left turn sideswipe - Same direction</td>
<td>5.2</td>
<td>3.5</td>
</tr>
<tr>
<td>All other maneuvers</td>
<td>25.4</td>
<td>26.9</td>
</tr>
</tbody>
</table>
Module Development: Qualities

Easy access and wide distribution

Adaptable to classroom

Interactive: step through at own pace, user input
Online

Introductory video of cyclist’s journey

‘What would you do next?’ situations
• videos
• multiple choice questions
• reminder
Getting in the Car

You are walking to the back of the car about to go for a drive. What will you do?

- A) Walk to the driver’s door, open it and get in.
- B) Look for vehicles, wait for all vehicles – including cyclists – to pass, then walk to the driver’s door, open it and get in.
- C) Check for motor vehicles, walk to the driver’s door, open it and get in because you don’t have to wait for cyclists.

Check
Module Pilot: Objectives

Is the module
• Comprehensible - easy to follow
• Effective – drivers learn safer interactions

Linked Survey
• Relate novice driver experience of cycling/cyclists and module responses
• Differences between novice and experienced drivers in responses
Module Pilot Phases

Phase 1
Novice Driver
- Observation Comprehensible

Phase 2
Novice Driver
- Survey and Module Effective
- Module repeat (after 30 days)

Phase 3
Experienced Driver
- Survey and Module
Novice Driver Survey and Module

Stage 1 (Closes 30 June)
135 Survey Responses
40 Module Completions

Stage 2 (Closes 30 July)
8 Module Completions
Module Pilot: Preliminary Findings

Module Response Performance

Number of Respondents

Number of Correct Responses

<table>
<thead>
<tr>
<th>Number of Correct Responses</th>
<th>Number of Respondents</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 correct</td>
<td>25</td>
</tr>
<tr>
<td>11 correct</td>
<td>9</td>
</tr>
<tr>
<td>10 correct</td>
<td>4</td>
</tr>
<tr>
<td>9 correct</td>
<td>1</td>
</tr>
<tr>
<td>8 correct</td>
<td>1</td>
</tr>
<tr>
<td>7 or less correct</td>
<td>1</td>
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Module Pilot: Preliminary Findings

Completion Time

<table>
<thead>
<tr>
<th>Time</th>
<th>Number of Respondents</th>
</tr>
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<tbody>
<tr>
<td>less than 5m</td>
<td>14</td>
</tr>
<tr>
<td>5m - 6m</td>
<td>8</td>
</tr>
<tr>
<td>6m - 11m 58s</td>
<td>14</td>
</tr>
<tr>
<td>more than 12m</td>
<td>2</td>
</tr>
</tbody>
</table>
Learnings: Module Development

Improvements:

• quality of video
• refine elements – audio tabs, progression
• add tabs for additional information and interactivity
Learnings: Partner Organisation Support

• Partner organisations including government departments involved in driver licencing will be using the module or adapting it for their organisation

• Interest from another Australian jurisdiction in the format

For more information go to: cycleaware.org
Thanks for coming!!

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