

# Addressing cycle & motorcycle bus lane crashes

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March 2012



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A photograph showing a male staff member in a light blue uniform holding a blue folder and assisting a woman and a man with backpacks as they enter a station through a glass door. The background is a brick wall.

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A vertical strip of icons on the right side of the image includes: a person walking, a bus, a train, a ferry, a car, a bicycle, a wheelchair, and a person with a backpack.



A photograph of a wet pavement with yellow painted text that reads 'THANK YOU' and two yellow arrows pointing in opposite directions. The pavement is dark and reflective.

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A vertical strip of icons on the right side of the image includes: a person walking, a bus, a train, a ferry, a car, a bicycle, a wheelchair, and a person with a backpack.



A woman with long brown hair, wearing a beige jacket and a black scarf, is smiling and waving with her right hand, which is wearing a black leather glove. She is standing in front of a building with a dark door. The image is framed by a blue border on the right and bottom.

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A woman with long brown hair, wearing a black jacket and a white shirt, is sitting in the driver's seat of a silver car. She is smiling and waving with her right hand. The car is parked in front of a building. The image is framed by a blue border on the right and bottom.

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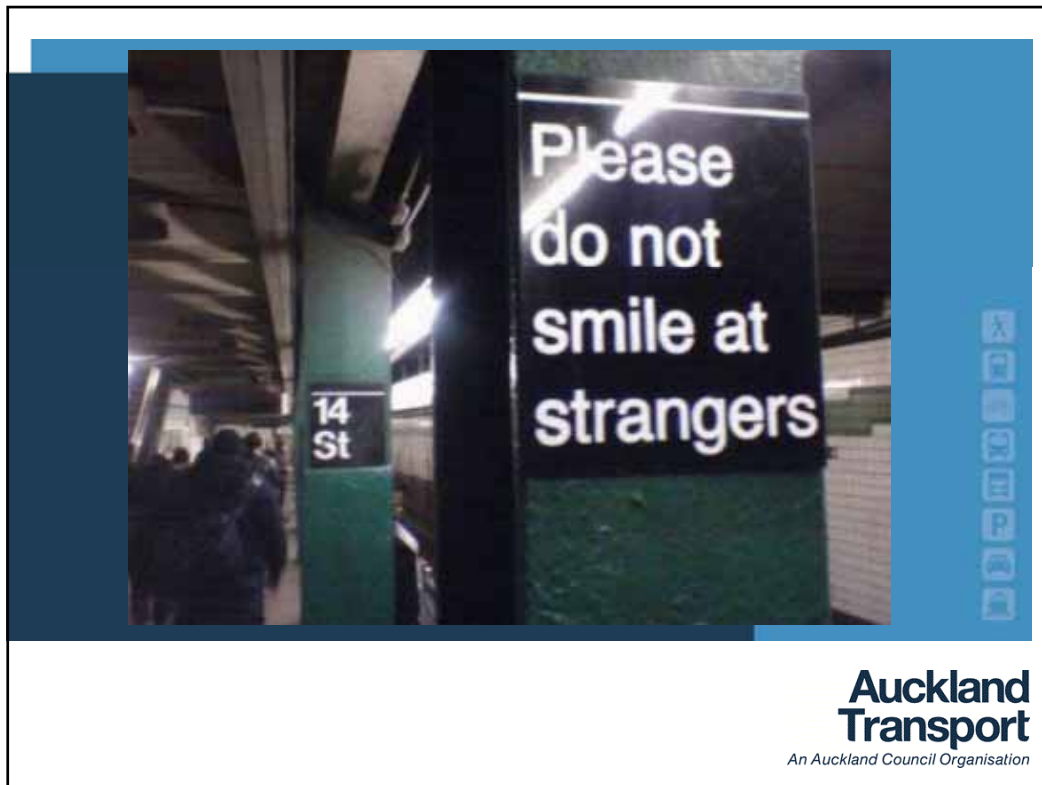
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**Courtesy on the Move**  
Let's be gracious on the road

You can always show graciousness on the road,  
whether you are a motorist or a pedestrian.

From now till March 2012, courteous motorists who are spotted will receive  
\$20 Shell petrol vouchers and a cash card with a stored value of \$20.

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**I brake for people.**

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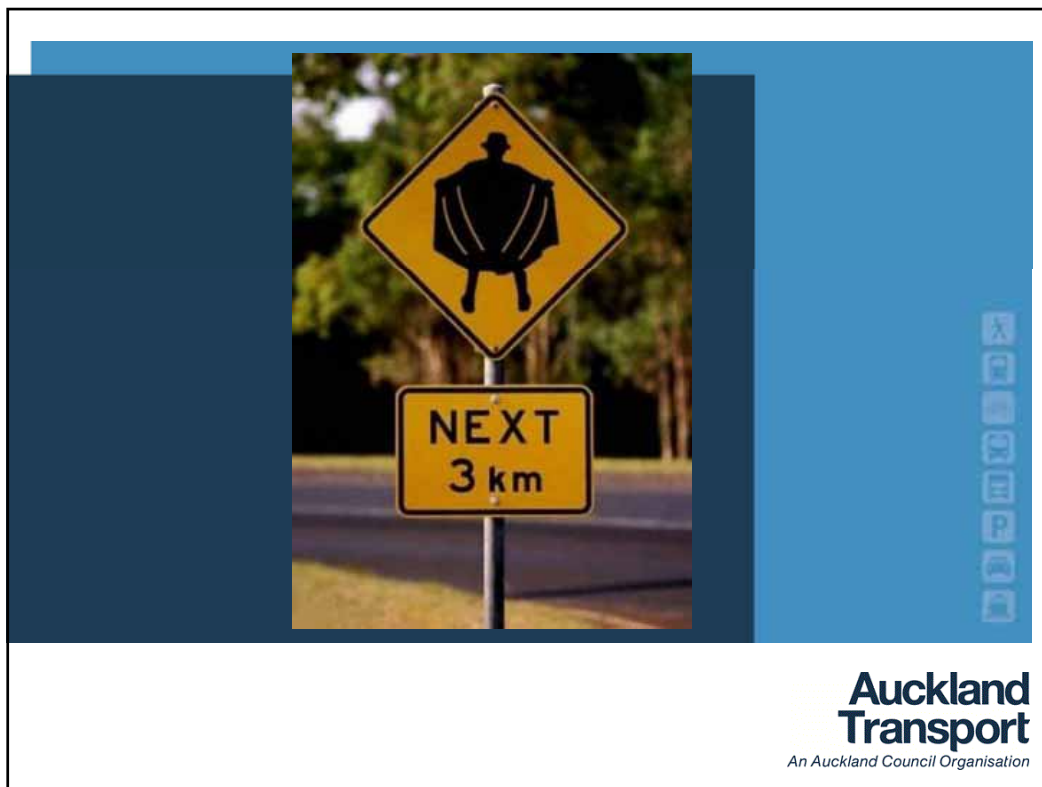
If you can read this...  
you've just had an  
accident


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YOU'LL NEVER  
GET TO WORK  
ON TIME  
HAHA!!

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A line of eight diverse people of various ages and ethnicities standing in a queue. From left to right: a man in an orange sweater, a woman in a pink top, a man in a yellow jacket, a man in a light blue shirt, a man in a grey sweater, a man in a grey shirt, a woman in a white top, and a man in a dark jacket. They are all standing in a line, some looking forward, some looking down at their phones. The background is white.

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A group of people, some wearing hoodies, standing in a queue outside a store. The scene is at night, and the store's interior is visible through the glass doors. The people are looking towards the store, and some are holding bags. The background is dark.

**The Telegraph**

Looters formed an orderly queue in the daylight to steal from a sports shop, a clothing store, a computer distributor and a mobile phone dealer.

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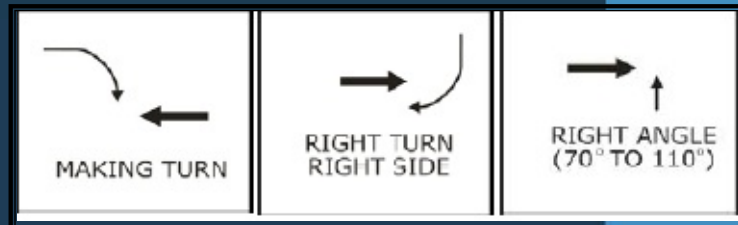
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Auckland's most common cycle crash type:  
"Other party turns right in front of cyclist"



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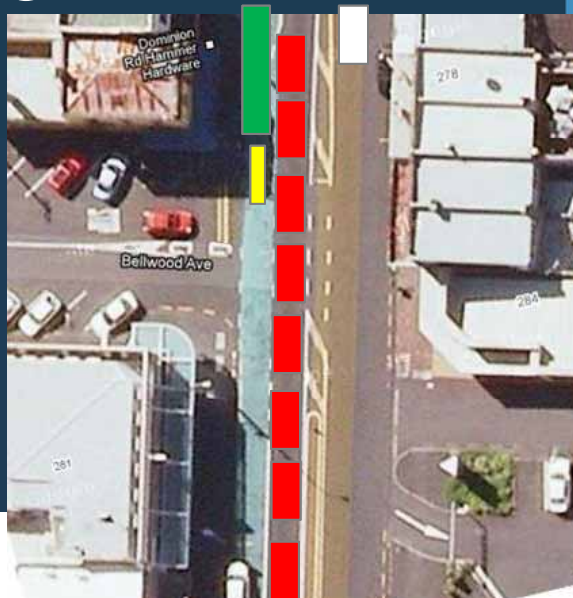
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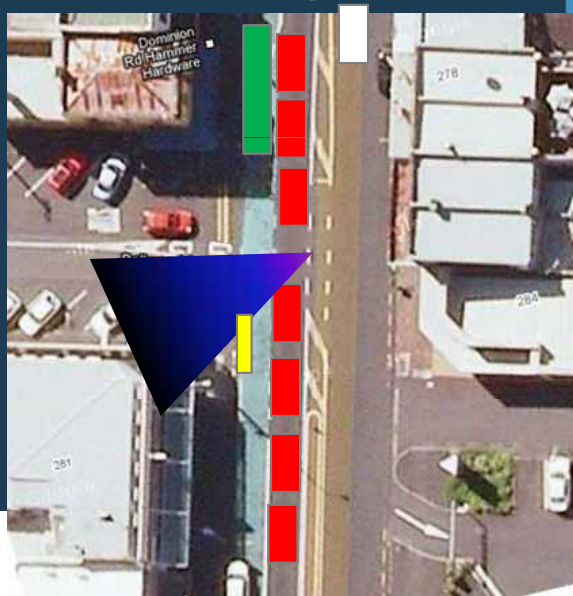
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# No gap



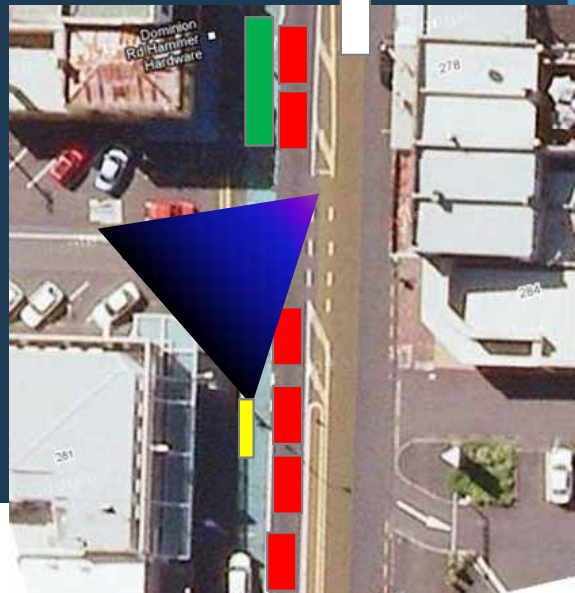
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## Insufficient gap



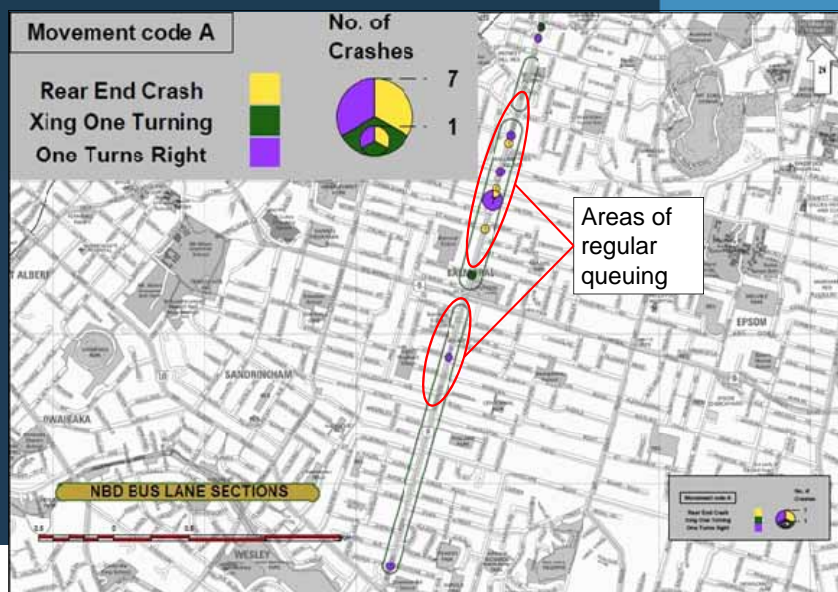
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# Sufficient gap



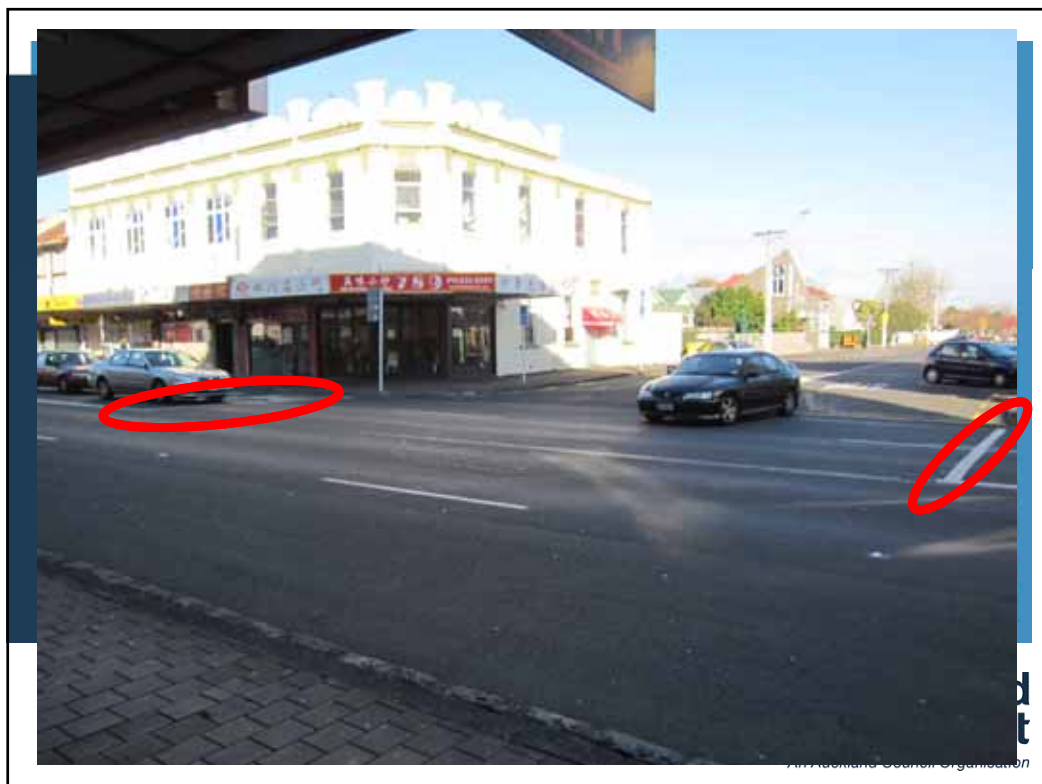
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## Crashes more common around queues?



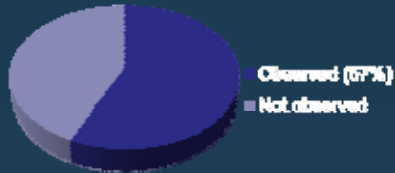
Northbound vehicle crashes at non-signalised intersections on Dominion Rd 2006-2010 (7-9AM)

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## Holding line survey findings - observance

Holding line present



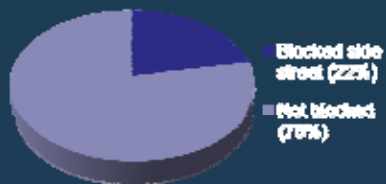
Holding line absent



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## Holding line survey findings - blocking

Holding line present

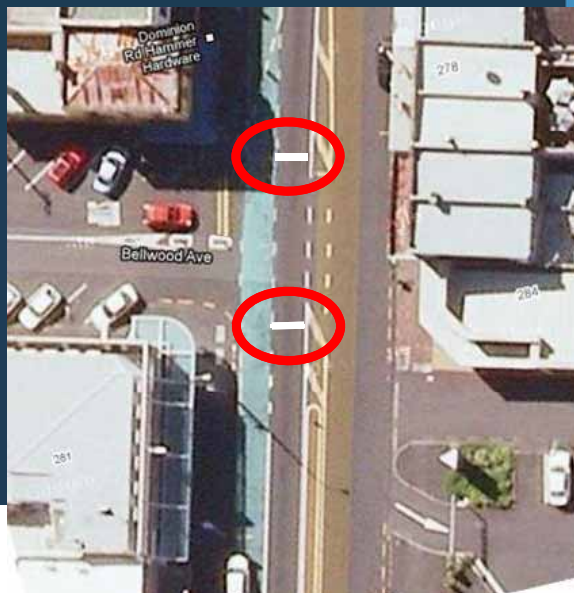


Holding line absent



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## Recommended treatment



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## Recommendations - Holding lines

- Before and after side streets with regular queues
- Effective low-cost treatment
- Relies on courtesy rather than regulation
- Create sufficient gap into bus lanes
- Preparing trial to identify where best applied
- If better queuing behaviour results, add holding lines to standard bus lane marking

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# Questions?



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