

Juliet Esposito

From: Glenn Bunting
Sent: Tuesday, 30 July 2019 4:05 PM
To: Emma Speight
Cc: Mark Edwards; Jenny Dickinson
Subject: FW: Rainbow crossing - monitoring information
Attachments: rainbow before after comparison.docx

Hi Emma – I've had Mark look at what WCC have put through – his notes below.

In a nutshell:

- there has been a statistically significant reduction in compliance across the board, particularly in the late afternoons (see attached and the sea of red); and
- no evidence has been provided that speeds and gaps have changed.

I'll keep you informed on what next – we'll probably need to include some comment on our assessment of their assessment in what goes back re the exemption or they will just regurgitate.

Cheers, GB

Glenn Bunting / Manager Network Safety

Safety and Environment

DDI s9(2)(a)

From: Mark Edwards
Sent: Tuesday, 30 July 2019 2:07 PM
To: Glenn Bunting <Glenn.Bunting@nzta.govt.nz>
Subject: RE: Rainbow crossing - monitoring information

Hi Glenn,

The change in the headings in the latter set of after data doesn't help present a clear outcome. This could lead to misreading the data, But I think we can assume that headings that say "Number of Pedestrians: Green" and "Number of Pedestrians: Vehicle Red" mean the same thing based on the cell notes added within excel (one is crossing with a green human aspect and the other crossing on a red traffic signal). Furthermore the percentage figures are of a similar order to suggest they are measuring the same thing (if they are the reverse of each other the outcome is even poorer)

I've compared the before September numbers to the equivalent values for the same days in the three after surveys. Red is a poorer outcome, green a better outcome. Where there is either no before date (Mondays and Tuesdays) or where there is no after data on the same day I've not made any direct comparisons though these values are picked up in the comparative averages.

s9(2)(g)(i), things improved in January and July though generally not returning to the same compliance levels as in the before state whilst the late afternoon period remained stubbornly poorly performing even in July 2019 being in the order of 10% adrift of the before compliance level.

Summary attached (the % values listed against each after time period are the actual data values from the WCC excel sheet so you can see how the % difference is calculated when compared to September %)

Setting the pedestrian compliance values aside there is no evidence **s9(2)(g)(i)** from WCC that speeds and gaps have changed.

The excel sheet notes that "These observations were taken using the CCTV camera at the intersection of Taranaki/Dixon (so what happened to the camera that is right above the installation?). Camera was zoomed in to gather footage. On site observations would highlight the pedestrian behaviours more accurately."

Kind Regards Mark

Senior Engineer

Safety, Health and Environment

DDI **s9(2)(a)**

E mark.edwards2@nzta.govt.nz / w nzta.govt.nz

50 Victoria Street, Private Bag 6995,
Wellington 6141, New Zealand

From: Emma Speight
Sent: Tuesday, 30 July 2019 10:18 AM
To: Glenn Bunting <Glenn.Bunting@nzta.govt.nz>
Subject: FW: Rainbow crossing - monitoring information

Hi Glenn

Updated information as we requested – can you please update me on the next steps from here, now that Greg is back?

Thanks
Emma

From: David Chick <David.Chick@wcc.govt.nz>
Sent: Monday, 29 July 2019 12:45 PM
To: Emma Speight <Emma.Speight@nzta.govt.nz>
Cc: **s9(2)(a)** David Chick <David.Chick@wcc.govt.nz>; **s9(2)(a)**
Subject: RE: Rainbow crossing - monitoring information

Good afternoon Emma,

As discussed, please find attached the comparing statistics for the Rainbow crossing for September (before installation) and for December, January & July (after installation).

The additional July data shows that the percentages of pedestrians crossing during the Flashing Red Human Symbol and Steady Red Human Symbol are similar to the previous 'after' monitoring.

It is also noted that the percentages of pedestrians crossing between traffic, from this additional data have not changed compared to the 'before' and previous 'after' monitoring data. Implementation of the rainbow marking has not increased the percentages of pedestrians crossing between traffic for the 'before' and 'after' pedestrian crossing behaviour.

It is also observed that the installation of the speed cushion has created larger gaps and slower speed in the vehicular flow which resulted in more opportunity for pedestrians to cross Dixon Street during the Flashing Red Human Symbol and Steady Red Human Symbol.

Based on these 'before' and 'after' monitoring data on pedestrian crossing behaviour, the conclusion is that the implementation of the rainbow marking has not created or increased any negative risks to pedestrians.

I look forward to now being able to confirm the next steps in relation to the exemption.

Kind regards,

David

David Chick

Chief City Planner | | Wellington City Council

Ph **s9(2)(a)**

E David.Chick@wcc.govt.nz | W Wellington.govt.nz |

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**Absolutely Positively
Wellington City Council**

Me Heke Ki Pōneke



-----Original Message-----

From: Emma Speight [<mailto:Emma.Speight@nzta.govt.nz>]

Sent: Thursday, 25 July 2019 3:20 PM

To: David Chick

Subject: RE: Rainbow crossing - monitoring information

Hi David

I never received any follow up to this email - can you please advise whether you have updated information available?

Thanks

Emma

-----Original Message-----

From: David Chick <David.Chick@wcc.govt.nz>

Sent: Wednesday, 26 June 2019 5:11 AM

To: Emma Speight <Emma.Speight@nzta.govt.nz>

Cc: Samantha Callen <Samantha.Callen@nzta.govt.nz>

Subject: Re: Rainbow crossing - monitoring information

Hi Emma

I am currently in s9(2)(a) but have included s9(2)(a) and s9(2)(a) into this response as they will be able to get back to you in this regard.

Kind regards

David

Sent from my iPhone

On 24/06/2019, at 10:04 PM, Emma Speight <Emma.Speight@nzta.govt.nz<mailto:Emma.Speight@nzta.govt.nz>> wrote:

Hi David

Do you have updated monitoring information for the rainbow crossing? If so, I would be great if you could provide it to me. I'll give you a call later today to discuss the next steps in relation to the exemption - let me know if there are any times that work well for you.

Cheers
Em

Emma Speight
Director Regional Relationships, Lower North Island

DDI s9(2)(a)
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nzta.govt.nz<<http://nzta.govt.nz>>

Find the latest transport news, information, and advice on our website:
<http://scanmail.trustwave.com/?c=2838&d=q9WS3Sev-plccNb2yQwF65ehdqM5y85PXES76wK65Q&u=http%3a%2f%2fwww%2enzta%2egovt%2enz<http://scanmail.trustwave.com/?c=2838&d=q9WS3Sev-plccNb2yQwF65ehdqM5y85PXELS61y57g&u=http%3a%2f%2fwww%2enzta%2egovt%2enz%2f>

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