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**From:** Mieke Welvaert <M.Welvaert@transport.govt.nz>  
**Sent:** Wednesday, 6 March 2024 11:21 am  
**To:** Hugh Mazey; Iain McAuley  
**Cc:** Anna Cleary; Eden Christie; Ian Melsom  
**Subject:** RE: Speed queries on implementation costs

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

No problem. Iain and I will cover this in our catch up tomorrow.

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**From:** Hugh Mazey <H.Mazey@transport.govt.nz>  
**Sent:** Wednesday, March 6, 2024 11:14 AM  
**To:** Iain McAuley <Iain.McAuley@nzta.govt.nz>; Mieke Welvaert <M.Welvaert@transport.govt.nz>  
**Cc:** Anna Cleary <Anna.Cleary@nzta.govt.nz>; Eden Christie <eden.christie@nzta.govt.nz>; Ian Melsom <ian.melsom@nzta.govt.nz>  
**Subject:** RE: Speed queries on implementation costs

Thanks Iain,

@Mieke, do you want to work directly with Iain on your queries to get the information for the RIS?

Ngā mihi

Hugh

**Hugh Mazey** (he / him / Mr)

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**From:** Iain McAuley <[Iain.McAuley@nzta.govt.nz](mailto:Iain.McAuley@nzta.govt.nz)>  
**Sent:** Wednesday, March 6, 2024 11:07 AM  
**To:** Anna Cleary <[Anna.Cleary@nzta.govt.nz](mailto:Anna.Cleary@nzta.govt.nz)>; Eden Christie <[eden.christie@nzta.govt.nz](mailto:eden.christie@nzta.govt.nz)>; Hugh Mazey <[H.Mazey@transport.govt.nz](mailto:H.Mazey@transport.govt.nz)>; Ian Melsom <[ian.melsom@nzta.govt.nz](mailto:ian.melsom@nzta.govt.nz)>  
**Subject:** RE: Speed queries on implementation costs

Hi Hugh

Changing a speed limit typically incurs costs of not just the signs, but also design, installation, TTM (aka temporary traffic management, which is often a significant cost), consultation and communication. These costs will vary by RCA.

We also recently answered a select committee question on costs of signage for schools (variable plus static), so I just need to double check we're supplying consistent information first.

There are also some costings included in the draft WSP speed economics report I've shared.

I'm hoping to catch-up with Mieke tomorrow as there are a few nuances in estimating costs of speed limit changes and I'd like to understand some of the assumptions underpinning the RIS.

Does that work for you?

Nga mihi nui  
Iain

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**From:** Anna Cleary <[Anna.Cleary@nzta.govt.nz](mailto:Anna.Cleary@nzta.govt.nz)>  
**Sent:** Wednesday, March 6, 2024 10:12 AM  
**To:** Eden Christie <[eden.christie@nzta.govt.nz](mailto:eden.christie@nzta.govt.nz)>; Hugh Mazey <[H.Mazey@transport.govt.nz](mailto:H.Mazey@transport.govt.nz)>; Ian Melsom <[ian.melsom@nzta.govt.nz](mailto:ian.melsom@nzta.govt.nz)>; Iain McAuley <[Iain.McAuley@nzta.govt.nz](mailto:Iain.McAuley@nzta.govt.nz)>  
**Subject:** RE: Speed queries on implementation costs

Thanks folks, looping in Ian and Iain who I know are keen to connect with Mieke on the overall CBA work.

## Anna Cleary (She/Her)

### Manager, Regulatory Policy

Policy and System Planning | System Leadership

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**From:** Eden Christie <[eden.christie@nzta.govt.nz](mailto:eden.christie@nzta.govt.nz)>  
**Sent:** Wednesday, March 6, 2024 10:08 AM  
**To:** Hugh Mazey <[H.Mazey@transport.govt.nz](mailto:H.Mazey@transport.govt.nz)>; Anna Cleary <[Anna.Cleary@nzta.govt.nz](mailto:Anna.Cleary@nzta.govt.nz)>  
**Subject:** RE: Speed queries on implementation costs

Morena Hugh

I'll get on to finding out this information asap – just to confirm when you say Mieke is wanting:

- Cost of fixed speed signage (per sign is probably easiest) – you mean a static variable sign?
- Cost of variable speed signage (per sign is probably easiest) – is this an electronic variable sign?

Ngā mihi

## Eden Christie

### Policy Advisor, Regulatory Policy

Policy and System Planning | System Leadership

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**From:** Hugh Mazey <[H.Mazey@transport.govt.nz](mailto:H.Mazey@transport.govt.nz)>

**Sent:** Wednesday, March 6, 2024 9:51 AM

**To:** Eden Christie <[eden.christie@nzta.govt.nz](mailto:eden.christie@nzta.govt.nz)>; Anna Cleary <[Anna.Cleary@nzta.govt.nz](mailto:Anna.Cleary@nzta.govt.nz)>

**Subject:** Speed queries on implementation costs

Mōata rau kōrua,

Mieke, one of our excellent economists at MoT is hoping for some figures that will help with the economic impact side of the Rule change for the RIA.

She is wanting:

- Cost of fixed speed signage (per sign is probably easiest)
- Cost of variable speed signage (per sign is probably easiest)

I note the 2022 RIA used the following figures:

- \$25,000 for basic signage and markings, and \$75,000 for basic signage and markings plus additional electronic variable speed limits signs.

She has advised it would also be good to have as a reference the cost to add additional output to megamaps (eg. A BCR figure for a road link), she can come up with a per CBA cost at her end should the Minister want RCAs to self fund.

Could we please have this info by **COP Friday 8 March**?

Nāku noa, nā

Hugh

**Hugh Mazey** (he / him / Mr)

Kaitohutohu Matua | Senior Adviser

Safety

**Te Manatū Waka Ministry of Transport**

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