

TRIM document 21/697305

Date Requested: 22 August 2025
Date Provided: 29 August 2025

Request

Can you please supply TRIM document 21/697305?

Council Response

Please find attached the request document. You will note that a small amount of information has been redacted. This is being withheld under section 7(2)(a) of the LGOIMA, *to protect the privacy of natural persons*. In the Council's view the reasons for withholding these details are not outweighed by public interest considerations in section 7(1) favouring their release.

Subject: RE: Christchurch: Updated endorsement of the R2Z speed and infrastructure programme (May 2021 v2)
Sent: 31/05/2021, 12:32:06 pm
From: David Rowland <7(2)(a)>
To: Mirbaha, Hamid; Dore, John; Andrew Washington
Cc: 7(2)(a); Jeanine Foster; Ben Wong; Afi Tusa; James Long
Attachments: [Christchurch City DC Endorsement NLTP21-24 210521.xlsx](#)

Kia ora Hamid and John,
Your updated endorsed list is attached (exported 21/05/21), and the updated summary table:

Package	Count	Total Cost	DSi Saved Per Annum
	13	\$ 19,315,884	1.94
Christchurch District Wide Minor Road Safety Improvements	34	\$ 12,824,075	3.54
Christchurch Speed Management	19	\$ 1,326,800	0.91
TOTAL	66	\$ 33,466,759	6.39

@Andrew Washington yes Sawyers Arms Road & Greers Road is endorsed.

Hamid & John trust this aligns with everything we discussed, please let me know if there are any errors or omissions or if I can assist further at any time.

Stay safe and dry!

Ngā mihi,
Rolly

David Rowland (Rolly)
Acting Area Programme Manager
Safe Network Programme

M 7(2)(a)
DDI 7(2)(a)



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From: David Rowland
Sent: Thursday, 27 May 2021 4:43 PM
To: Mirbaha, Hamid <7(2)(a)>; 7(2)(a) <7(2)(a)>
Cc: Dore, John <John.Dore@ccc.govt.nz>
Subject: RE: Christchurch: Updated endorsement of the R2Z speed and infrastructure programme (May 2021)

I certainly did thanks Hamid, and thanks for the reminder re getting an updated list for you.

7(2)(a) does the list in the sharepoint folder cover all those last minute changes or do we need to get a fresh version from Alan and his team?

Ngā mihi,
Rolly

David Rowland (Rolly)
Acting Area Programme Manager
Safe Network Programme

M 7(2)(a)
DDI 7(2)(a)



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Sensitivity: General
From: Mirbaha, Hamid <7(2)(a)>
Sent: Wednesday, 26 May 2021 6:04 pm
To: David Rowland <7(2)(a)>
Cc: Dore, John <7(2)(a)>
Subject: RE: Urgent Christchurch: Updated endorsement of the R2Z speed and infrastructure programme (May 2021)

Hi David,

Hope you had a good weekend after the last week's push!
I wonder if/when we can get an updated endorsement list based on the final changes.

Cheers,
Hamid

From: David Rowland <7(2)(a)>
Sent: Friday, 21 May 2021 10:47 PM
To: Mirbaha, Hamid <7(2)(a)>; Ben Wong <7(2)(a)>
Cc: Jeanine Foster <7(2)(a)>
Subject: Re: Urgent Christchurch: Updated endorsement of the R2Z speed and infrastructure programme (May 2021)

Well done gentlemen, thank you both for putting in the hard mahi today to get this over the line. Special that's to you Ben for stepping in to help when the CCC team were on their day off. Great collaboration!

Ngā mihi,
Rolly

David Rowland
(b) (7)(a)

Sent from my tablet, apologies for bad spelling.

From: Mirbaha, Hamid <(b) (7)(a)>
Sent: Friday, May 21, 2021 3:51:30 PM
To: Ben Wong <(b) (7)(a)>; Jeanine Foster <(b) (7)(a)>
Cc: Dore, John <(b) (7)(a)>; David Rowland <(b) (7)(a)>; (b) (7)(a) <(b) (7)(a)>; Roddis, Ben <(b) (7)(a)>; Parry, Steve <(b) (7)(a)>
Subject: RE: Urgent Christchurch: Updated endorsement of the R2Z speed and infrastructure programme (May 2021)

Hi Jeanine,

The TIO bid has been updated. Special thanks to Ben for the help!
Have a nice weekend.

Cheers,
Hamid

From: Ben Wong <(b) (7)(a)>
Sent: Friday, 21 May 2021 2:53 PM
To: Mirbaha, Hamid <(b) (7)(a)>
Cc: Dore, John <(b) (7)(a)>; Jeanine Foster <(b) (7)(a)>; David Rowland <(b) (7)(a)>; (b) (7)(a) <(b) (7)(a)>; (b) (7)(a) <(b) (7)(a)>
Subject: RE: Urgent Christchurch: Updated endorsement of the R2Z speed and infrastructure programme (May 2021)

Hello Hamid,

The submission of LCLR programmes into Transport Investment Online needs to occur today.

However in recognition that Territorial Authorities have had limited time to tweak their LCLR programme to reference the R2Z endorsed programme, it is OK to submit the LCLR programme with just the Bid tab filled in (see attached).

It is likely Steve Parry's team is responsible for uploading the LCLR spreadsheet. I am happy to talk directly with the 'right person' if that is helpful.

My concern is that the projects may not be represented in the LCLR programme being put forward by CCC for funding consideration if not actioned today.

Thanks,
Ben

From: David Rowland <(b) (7)(a)>
Sent: Friday, 21 May 2021 2:32 PM
To: Mirbaha, Hamid <(b) (7)(a)>; (b) (7)(a) <(b) (7)(a)>; Ben Wong <(b) (7)(a)>
Cc: Dore, John <(b) (7)(a)>; Jeanine Foster <(b) (7)(a)>
Subject: Re: Urgent Christchurch: Updated endorsement of the R2Z speed and infrastructure programme (May 2021)

(b) (7)(a) can you add these two please?

Hamid, I believe you've got until 10pm tonight to make changes. Don't way until Monday. @Ben Wong is that correct?

Ngā mihi,
Rolly

David Rowland
(b) (7)(a)

From: Mirbaha, Hamid <(b) (7)(a)>
Sent: Friday, May 21, 2021 2:07:58 PM
To: David Rowland <(b) (7)(a)>; (b) (7)(a) <(b) (7)(a)>
Cc: Dore, John <(b) (7)(a)>
Subject: FW: Urgent Christchurch: Updated endorsement of the R2Z speed and infrastructure programme (May 2021)

Hi David,

I can confirm that we should only add the below two projects to NLTP1 as they have not been started in NLTP 0.

Int of Harewood Road and Greers Road - SafeInt	complex_1077	Delivery now scheduled under Minor Road Safety programme for FY22/23 in conjunction v
Int of Hereford Stanmore SI	rab_156	To be delivered under Minor Road Safety programme FY21/22 in conjunction with Village I

Please note that the CCC's submission in TIO was done yesterday. I'll investigate on Monday how we can make an amendment to that.

Cheers,
Hamid

From: Gallot, Wayne <(b) (7)(a)>
Sent: Friday, 21 May 2021 2:03 PM
To: Mirbaha, Hamid <(b) (7)(a)>
Cc: Dore, John <(b) (7)(a)>; Kachfi, Mo <(b) (7)(a)>
Subject: RE: Urgent Christchurch: Updated endorsement of the R2Z speed and infrastructure programme (May 2021)

Hi Hamid

Comments added in new column on your table below...

Cheers

Wayne

From: Gallot, Wayne
Sent: Friday, 21 May 2021 1:07 p.m.
To: Mirbaha, Hamid <7(2)(a)>; Kachfi, Mo <7(2)(a)>
Cc: Dore, John <7(2)(a)>
Subject: RE: Urgent Christchurch: Updated endorsement of the R2Z speed and infrastructure programme (May 2021)

Thanks Hamid. Will get back to you soon on this.

From: Mirbaha, Hamid <7(2)(a)>
Sent: Friday, 21 May 2021 11:36 a.m.
To: Gallot, Wayne <7(2)(a)>; Kachfi, Mo <7(2)(a)>
Cc: Dore, John <7(2)(a)>
Subject: Urgent Christchurch: Updated endorsement of the R2Z speed and infrastructure programme (May 2021)
Importance: High

Hi Wayne and Mo,

This is an urgent query! Please have a quick look at the below list of projects and confirm if delivery of any of them has started/will start this financial year.
Cheers,
Hamid

From: Dore, John <7(2)(a)>
Sent: Friday, 21 May 2021 9:58 AM
To: Mirbaha, Hamid <7(2)(a)>
Subject: RE: TRIM: Christchurch: Updated endorsement of the R2Z speed and infrastructure programme (May 2021)

Hi Hamid

The below sites don't show on endorsed list. It is noted that majority are either funded by CRAF or planned for completion in NLTP0.

I think we should keep them on endorsed list, in case any slip into NLTP1 and the endorsed list is essentially our road safety priorities that support CRAF funding. I think it's OK to have more on list, easy to remove than add?

Anyway another list from another list to query another list☺
JD

Int of Marshland Prestons SafeInt	complex_1100	Was on CRAF Road Safety Priorities programme, but determined no action needed. Site has to improve visibility.
Int of Deans Avenue and Kilmarnock Street - SafeInt	simple_9639	On CRAF Road Safety Priorities programme for delivery FY20/21 (PO raised, work scheduled for FY22/23)
Int of Linwood Avenue and St Johns Street - SafeInt	simple_71570	Was CRAF Road Safety Priorities programme, but determined no action needed.
Dyers Pass Rd Rhodesvale - 50m S of Cashmere SNP	Dyers_551_m1	Added late to CRAF Road Safety Priorities programme, and was going to be considered for FY22/23 because site already has HFS and we need updated crash data before considering for delivery FY21/22.
Int of Whiteleigh Avenue and Troup Drive - SafeInt	simple_68943	On CRAF Road Safety Priorities programme for delivery FY21/22.
Int of Marshlands Guthries SSS	simple_5680	On CRAF Road Safety Priorities programme for delivery FY21/22.
Dyers Pass Colombo SST	rab_107	On CRAF Road Safety Priorities programme for delivery FY22/23.
Int of Hereford Street and Fitzgerald Avenue - SafeInt	complex_941	On CRAF Road Safety Priorities programme for delivery FY21/22.
Int of Pages Road and Breezes Road - SafeInt	simple_46203	On CRAF Road Safety Priorities programme for delivery FY21/22.
Int of Blenheim Road and Wharenui Road - SafeInt	complex_912	On CRAF Road Safety Priorities programme for delivery FY20/21 (complete).
Int of Clyde Road and Kotare Street - SafeInt	simple_45906	On CRAF Road Safety Priorities programme for delivery FY21/22.
Int of Ilam Clyde SI	rab_171	On CRAF Road Safety Priorities programme for delivery FY21/22.
Int of Memorial Avenue and Clyde Road - SafeInt	complex_1006	On CRAF Road Safety Priorities programme for delivery FY21/22.
Int of Gasson Street and Byron Street - SafeInt	simple_44039	On CRAF Road Safety Priorities programme for delivery FY21/22.
Int of Idris Road and Fendalton Road - SafeInt	complex_1004	On CRAF Road Safety Priorities programme for delivery FY20/21 (PO raised, work scheduled for FY22/23)
Int of Milton Street and Colombo Street - SafeInt	simple_46352	On CRAF Road Safety Priorities programme for delivery FY20/21 (PO raised, work scheduled for FY22/23)
Int of Springs Road and Amyes Road - SafeInt	simple_46539	On CRAF Road Safety Priorities programme for delivery FY20/21 (complete).
Int of Marshland Road and Briggs Road - SafeInt	complex_1069	On CRAF Road Safety Priorities programme for delivery FY22/23.
Int of Greers Road and Clyde Road - SafeInt	simple_44550	On CRAF Road Safety Priorities programme for delivery FY21/22.
Int of Ilam Road and Aorangi Road - SafeInt	simple_44486	On CRAF Road Safety Priorities programme – clash with MCR, so project pushed to FY22/23. Information on MCR scope is known.
Int of Harewood Road and Greers Road - SafeInt	complex_1077	Delivery now scheduled under Minor Road Safety programme for FY22/23 in conjunction with Village Road
Int of Fitzgerald Avenue and Cashed Street - SafeInt	complex_937	Completed under Minor Road Safety programme FY20/21.
Int of Linwood Avenue and Hargood Street - SafeInt	complex_888	Completed under Minor Road Safety programme FY20/21.
Int of Hereford Stanmore SI	rab_156	To be delivered under Minor Road Safety programme FY21/22 in conjunction with Village Road
Barthers Rd - 50m S Maddisons to Hasketts	Barthers_12173_m1	On CRAF Road Safety Priorities programme for delivery FY20/21 (complete).
Int of Blenheim Road and Acheron Drive - SafeInt	complex_910	On CRAF Road Safety Priorities programme for delivery FY20/21 (complete).
Springs & Awatea IS SNP	simple_43231	Removed from our programmes due to identified LTP project (60099) FY24/25 – 26/27.

From: Mirbaha, Hamid <7(2)(a)>
Sent: Thursday, 20 May 2021 4:58 pm
To: David Rowland <7(2)(a)>
Cc: Jeanine Foster <7(2)(a)>; 7(2)(a) <7(2)(a)>; Ben Wong <7(2)(a)>; Afi Tusa <7(2)(a)>; Andrew Washington <7(2)(a)>; James Long <7(2)(a)>; Dore, John <7(2)(a)>
Subject: RE: TRIM: Christchurch: Updated endorsement of the R2Z speed and infrastructure programme (May 2021)

Hi Rolly,

Thanks heaps for sending the updated endorsement list. I just had a quick review and a few issues popped up. I've highlighted them in the attached sheet.

Row 17 - Governors Bay Rd Corsair Bay - Diamond Harbour SNP : the dollar value has changed
Rows 74 to 78: These are a few projects which are seemingly disappeared from the endorsement programme.

My calendar is free tomorrow. Please give me a call wherever you want or alternatively we can sit together and look at the items.

Cheers,

From: David Rowland <7(2)(a)>
Sent: Wednesday, 19 May 2021 10:17 PM
To: Mirbaha, Hamid <7(2)(a)>; Dore, John <7(2)(a)>
Cc: Jeanine Foster <7(2)(a)>; 7(2)(a) <7(2)(a)>; Ben Wong <7(2)(a)>; Afi Tusa <7(2)(a)>; Andrew Washington <7(2)(a)>; James Long <7(2)(a)>
Subject: TRIM: Christchurch: Updated endorsement of the R2Z speed and infrastructure programme (May 2021)

Kia ora Hamid and John,

Thank you for your engagement and support to reconcile your Road to Zero speed and infrastructure programme submitted within the Pipeline Development Tool in September 2020 with the road safety programme your team submitted into Transport Investment Online (TIO) in December 2020.

This reconciliation was an important part of ensuring a targeted and evidenced programme of speed and infrastructure can be submitted for consideration in the Road to Zero Activity Class in NLTP.

Endorsed Programme

Please accept this email as a memorandum summarising (attached spreadsheet) the updated endorsement of the Road to Zero speed and infrastructure programme based on this reconciliation.

This means the SNP team have carried out a review of your submission for NLTP21-24 and sought confirmation for items that appeared to fall outside the Road to Zero and Safe System intervention criteria.

Endorsement of this programme does not guarantee funding. However, it gives a strong indication of the likely programme funding requirements, allowing Waka Kotahi to better understand our collective ability to deliver R2Z in advance, and make appropriate funding decisions going forward.

Next Steps

Please upload any new site locations/interventions or update existing lines your NLTP 2021-24 programme in TIO. It is really important that any line in TIO assigned to the R2Z activity class as part of the speed and infrastructure programme has a high alignment with the endorsed programme.

When you complete your TIO update please reference the endorsed activity schedule to;

1. Include all the endorsed listed activities in your TIO update, my notes indicate you may need to add the following two to TIO:
 - a. Speed management package (19 corridors, total cost \$1,326,800 – details in attached spreadsheet)
 - b. The packages can be entered as a single line entry into TIO to keep things tidier for you.
2. Ensure the R2Z activity class is selected for all endorsed activities in the TIO template
3. Check TIO activity descriptions such as name, scope, treatment and cost are consistent with the endorsed schedule attached
4. Confirm activity location details are sufficiently described

Package	Count	Total Cost	DSi Saved Per Annum
	8	\$ 13,893,493	1.49
Christchurch District Wide Minor Road Safety Improvements	33	\$ 11,755,000	3.27
Christchurch Speed Management	19	\$ 1,326,800	0.91
TOTAL	60	\$ 26,975,293	5.67

Thank you

Thank you for your continued cooperation in this process. This is the first time Waka Kotahi has been able to predict a whole of programme intervention over this period of time and it provides a significant credible baseline to seek approval of the funding necessary to deliver safe speeds and infrastructure at a national level.

Please let me know if I can assist further at any time.

PS. My thanks also to Becky for her help pulling this informatin together for you today.

Ngā mihi,
Rolly

David Rowland (Rolly)
Acting Area Programme Manager
Safe Network Programme

M7(2)(a)
DD7(2)(a)



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Date: 21/05/2021 17:34:32
Filters:
Region is "All Regions"
TLA is "Christchurch City"
SH is "Local Roads"
NLTPDropdown is "NLTP1"
ProjectPathway is "All Projects"
TreatmentPhilosophy is "All"
UrbanRural is "All"

DSI per annum	6.39
Total cost	\$33,466,759

Intervention Name	Asset ID	Package	Approval Status	Treatment Philosophy	Primary Treatment	Secondary Treatment	Total Cost	DSI Saved Per Annum	DSISaved Per \$100M	Length	NLTP Period	Requester Description	Reviewer Explanation	TLA
Main North Road & Spencerville Road IS SNP	complex_1129		Approved	Safer Intersections	RIAWS	Rural Priority Intersection Minor Upgrade	\$644,848	0.14	21.34		NLTP1	RIAWS and a slip lane. Monitoring for long term potential signals (Depending on CNC and other developments). Signals in Pipeline as separate project for NLTP3.	NLTP change justified in commentary/evidenceChange justified in commentary/evidenceBrought forward with lower level of intervention to treat immediate need whilst long term transformation is developed	Christchurch City
Governors Bay Rd Diamond Harbour - Corsair Bay SNP	Governors_5507_m3		Approved	Safety Management	Roadside Safety Barrier at High-Risk Locations		\$1,287,638	0.12	9.52	18.3	NLTP1	Shoulder widening on high-risk curves and at other high risk locations. Associated footpath and drainage works to support this widening. Widening is at various points along this corridor. Some side barrier indicated in WSP Opus report but no confirmation yet as to the scope of side barrier installation. Scope has been refined and cost reduced accordingly.May 21 update - change in cost	As per R2ZChange justified in commentary/evidence previously endorsed Council have refined cost and scope change of cost - Previously endorsed council have refined costs and scope (21/05/2021)	Christchurch City
Hereford & Stanmore IS SNP	rab_156		Approved	Safer Intersections	URAB SI		\$500,000	0.12	24.95		NLTP1	Vehicles failing to give way at this intersection (ped/cycle crashes occurring too) so platforms proposed on each approach to slow down speeds.Already included in Traffic Operations Minor Safety Programme being delivered this FY.	Not sampled checked change NLTP and description - Previously endorsed council have refined costs and scope (21/05/2021)	Christchurch City
Mairehau & Burwood IS SNP	rab_195		Approved	Safer Intersections	URAB SI		\$1,138,278	0.03	2.51		NLTP1	Close to medical facility with high number of disabled pedestrians using the intersection. Raised platforms on all four approaches + roundabout raised + associated pedestrian improvements.Maيرهau and Burwood are over-dimension routes and cycle routes - need to ensure cyclists can navigate the intersection safely.	As per R2ZChange justified in commentary/evidencePreviously endorsed - Council have confirmed SS treatment scope and costs	Christchurch City
Moorhouse Avenue & Gasson Street IS SNP	complex_900		Approved	Safer Intersections	Upgrade of Signalised Intersection		\$160,000	0.13	78.65		NLTP1	Red light camera installed in NLTP0. CCC now planning to improve safety by installing raised safety platforms on the slip lanes and improving pedestrian safety provision.	NLTP change justified in commentary/evidenceIntervention justified in commentary/evidence02/09/20: Council response accepted --> Red light camera is being installed at the intersection in the current FY. In the longer term right turn non-filtering. Raised platform at the slip lanes to be further investigated. Deferring to NLTP4+ as funded through the Gasson/Moorhouse project. - Previously endorsed council have refined costs and scope (21/05/2021)	Christchurch City
Sawyers Arms Road & Greers Road IS SNP	simple_44613		Approved	Safer Intersections	Signalised Intersection - From Uncontrolled/Give Way		\$5,000,000	0.08	1.53		NLTP1	CCC looking at signalisation and bringing in the other leg of Sawyers Arms coming in to the mix as well.Cost will be around \$2M.Cost increase as it is currently a double T-intersection and may require some land purchase.Some of this project may be pushed back to NLTP2	Passed sample checked - meets R2Z criteria change NLTP cost and description - Previously endorsed council have refined costs and scope (21/05/2021)	Christchurch City
Marshlands Road - Waimak to Prestons SC	Main_1763_m1		Approved	Safer Corridors	Wide Centreline		\$1,500,000	0.5	33.4	6.93	NLTP1	Corridor safety project for Marshlands Rd from Prestons Road to Old Waimak Bridge. The project includes SSIT æ" 4.4 Wide Centre Line and SSIT - 4.5 Shoulder widening at high risk locations to address the risks. The corridor is identified as High risk in Mega Maps. CCC have it in their Long Term Plan in NLTP1 with an estimated cost of \$1.5m and a DSI saving of 1.72/\$mil.	As per R2ZNot sampled checked	Christchurch City
McLeans Island Rd Chattertons Rd - SH1 SNP	Mcleans_1765_m2		Approved	Safety Management	Shoulder Widening at High Risk Locations		\$1,091,730	0.25	22.72	11.1	NLTP1	Network management improvements for McLeans Island Rd and Pound Rd involving shoulder widening.	NLTP change justified in commentary/evidenceChange justified in commentary/evidenceIntervention justified in commentary/evidenceCouncil confirm change of NLTP from R2Z - scope and costs confirmed - intervention justified by crash history and risk reduction	Christchurch City
Pound Rd SH1 - McLeans Island Rd SNP	Pound_6582_m2		Approved	Safety Management	Signs and Markings	Shoulder Widening at High Risk Locations	\$2,182,480	0.15	7.1	8.7	NLTP1	Minor improvements throughout the corridor including signage to alert drivers to intersections site distance improvements for intersections. Part of a wider package for NLTPs 1-3.Network management improvements for McLeans Island Rd and Pound Rd involving shoulder widening.	NLTP change justified in commentary/evidenceChange justified in commentary/evidenceIntervention justified in commentary/evidenceCouncil confirm change of NLTP from R2Z - scope and costs confirmed - intervention justified by crash history and risk reduction	Christchurch City
Ryans Rd Guys Rd - SH1 SNP	Ryans_15121_m2		Approved	BOOST	Signs and Markings		\$490,910	0.04	8.63	3.4	NLTP1	Minor improvements throughout corridor including sightline improvements for intersections signage to alert drivers to intersections. Part of a wider treatment package extending for NLTPs 1-3.	NLTP change justified in commentary/evidenceChange justified in commentary/evidenceIntervention justified in commentary/evidenceCouncil confirm change of NLTP from R2Z - scope and costs confirmed - intervention justified by crash history and risk reduction	Christchurch City
Ryans & Pound IS SNP	simple_433		Approved	Safe System Transformation	Rural Roundabout		\$5,000,000	0.26	5.2		NLTP1	CCC agree with rural roundabout cost æ" \$5M and NLTP period of	As per R2ZPassed Sample Check. Appropriate treatment. Complies with SSI criteria	Christchurch City
Matipo St & Rex St IS SNP	simple_8425		Approved	Safety Management	LILO		\$250,000	0.05	20		NLTP1	One/two random crashes not seen as high risk defer to NLTP4.	As per R2ZChange justified in commentary/evidencepreviously endorsed Council have refined cost and scope	Christchurch City
Sparks Hoon Hay - 50 E of Pablo SNP	Sparks_387_m2		Approved	Safety Management	Mid-Block Raised Pedestrain Crossing		\$70,000	0.07	96.29	0.1	NLTP1	Retrofitting a planned signalised ped/cycle crossing with a raised platform for safety.	As per R2ZChange justified in commentary/evidencePreviously endorsed - Council have confirmed SS treatment scope and costs	Christchurch City
Harewood Road & Greers Road IS SNP	complex_1077	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Upgrade of Signalised Intersection		\$150,000	0.1	69.87		NLTP1	RT filter removals + ped protection + phasing changes.Platform not supported by CCC due to road environment.Major cycleway will run through here likely.Already included in Traffic Operations Minor Safety Programme being delivered this FY.	Passed Sample Check. collective DSI 2.1 saving appropriate considering scale of upgrade Change NLTP and description - Previously endorsed council have refined costs and scope (21/05/2021)	Christchurch City
Main South Road & Blenheim Road IS SNP	rab_149	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Signalised Intersection - From Uncontrolled/Give Way		\$989,075	0.24	23.97		NLTP1	Main crash issue is on northern side of roundabout with lane selection.Unsure of exact solution yet but will likely involve some signalisation of approaches.CCC would like to see bus priority as well.Deferred to NLTP2 - local share unavailable.Cost updated to align with TIO.CCC has identified that the main safety issue is caused by a lack of gaps from the east causing frustration. (85% of crashes occur at this corner). Looking to install signals in advance of the approach to create gaps	Intervention justified in commentary/evidenceIntervention justified in commentary/evidence 02/09/20: Council response accepted / About 80% crashes occur on north side of roundabout. Unclear what lane city bound drivers need to be in some crashes due to late lane changes. Issues with minor approaches entering predominant city bound movement via Blenheim Rd due to low number of suitable gaps. Hard one to resolve options include: æ" Short term æ" minor road markings and roundabout chevrons æ" Short to medium æ" overhead gantry with advance directional signage æ" Investigate signalise MSR/Lowther - provide more gaps in round about predominant flow æ" Investigate signalised roundabout change NLTP and description - Previously endorsed council have refined costs and scope (21/05/2021)	Christchurch City
Shirley Rd & Marshland Rd IS SNP	complex_1043	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Raised Safety Platforms	Upgrade of Signalised Intersection	\$640,000	0.15	23.76		NLTP1	Agree with level of spend/treatment philosophy but need to do more detailed investigations in the future to determine appropriate treatment.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and cost - intervention justified by risk and/or crash history	Christchurch City
Lincoln Road & Wrights Road IS SNP	complex_834	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Raised Safety Platforms		\$440,000	0.12	26.26		NLTP1	Recent crash record has been better- defer and monitor.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and cost - intervention justified by risk and/or crash history	Christchurch City
Ferry Road & Aldwins Road IS SNP	complex_882	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Upgrade of Signalised Intersection		\$200,000	0.13	66.66		NLTP1	Filter turn bans + ped protection.Potential for a RL camera and/or a platform but platform would likely have pushback from the community. Remove filter turns. HFS on Blenheim Road approach from the west to assist braking on the downhill approach.Platform not fitting with the corridor environment.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and costs	Christchurch City
Moorhouse Avenue & Blenheim Road IS SNP	complex_890	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Upgrade of Signalised Intersection		\$200,000	0.09	47.2		NLTP1	Remove filter turns. HFS on Blenheim Road approach from the west to assist braking on the downhill approach.Platform not fitting with the corridor environment.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and costs	Christchurch City
Selwyn Street & Moorhouse Avenue IS SNP	complex_893	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Upgrade of Signalised Intersection		\$500,000	0.14	28.44		NLTP1	Filter turn ban on Selwyn St æ" 200KLengthen LT bay on one approach too potentially æ" 300K.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and costs	Christchurch City
Moorhouse Avenue & Durham Street South IS SNP	complex_896	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Upgrade of Signalised Intersection		\$200,000	0.11	53.71		NLTP1	RT filter turn ban for one movement (from Moorhouse West approach).	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and costs	Christchurch City

Moorhouse Avenue & Manchester Street IS SNP	complex_897	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Upgrade of Signalised Intersection	\$200,000	0.07	33.09	NLTP1	Filter turn removal to address RTA risk.Platform not supported at this location due to road environment.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and costs	Christchurch City	
Gloucester Street & Fitzgerald Avenue IS SNP	complex_952	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Upgrade of Signalised Intersection	\$225,000	0.1	44.81	NLTP1	Red-light running (HA) crash issue and pedestrian crossing.CCC propose pedestrian protection phases and RL camera.Platform wouldn't fit in with the corridor context.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and costs	Christchurch City	
Harper Avenue & Carlton Mill Road IS SNP	complex_990	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Raised Safety Platforms	\$440,000	0.13	29.7	NLTP1	Needs more investigation to figure out the treatment but would be difficult politically to implement a platform.No filters left at this intersection so filter removal not required.	As per R2ZChange justified in commentary/evidencePreviously endorsed - Council confirmed scope and cost	Christchurch City	
Victoria Street & Bealey Avenue IS SNP	complex_991	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Raised Safety Platforms	\$440,000	0.12	26.77	NLTP1	Investigate for what safety treatments required to address risk.	As per R2ZChange justified in commentary/evidencePreviously endorsed - Council confirmed scope and cost	Christchurch City	
Madras St & Bealey Ave IS SNP	complex_997	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Raised Safety Platforms	\$440,000	0.17	38.3	NLTP1	Agree with level of spend/treatment philosophy but need to do more detailed investigations in the future to determine appropriate treatment.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and cost - intervention justified by risk and/or crash history	Christchurch City	
Bealey Avenue & Barbadoes Street IS SNP	complex_999	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Upgrade of Signalised Intersection	\$225,000	0.09	38.14	NLTP1	Platform wouldn't work on this intersection unless you did them the whole way along Bealey Ave (which could be done in future after a successful trial).CCC suggest right-turn arrows to fix LB crash problem.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and costs	Christchurch City	
Travis & Bower IS SNP	rab_183	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Raised Safety Platforms	\$300,000	0.09	29.51	NLTP1	Platforms on each approach to improve safety.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and cost - intervention justified by risk and/or crash history	Christchurch City	
Riccarton Rd & Main South Rd IS SNP	simple_11489	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Raised Safety Platforms	\$440,000	0.09	20.32	NLTP1	Worth looking at - but not at the top of the list. Platform could work but need to investigate further. Relatively high active user volumes. Relatively high active users. Upper Riccarton shopping area supermarket Bush Inn Students.Brought forward to NLTP1.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and cost - intervention justified by risk and/or crash history	Christchurch City	
Manchester Street & Kilmore Street IS SNP	simple_12037	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Upgrade of Signalised Intersection	\$225,000	0.06	28.37	NLTP1	Ped protection and RL camera.Potentially a platform but AAC (An Accessible City) project for two-way conversion needs to be worked in.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and costs	Christchurch City	
Governors Bay Teddington Road & Bamfords Road IS SNP	simple_1550	Christchurch District Wide Minor Road Safety Improvements	Approved	Safety Management	RIAWS	\$330,000	0.07	21.28	NLTP1	1 Severe (Lost control turning right) 08/03/20161 Severe (lost control turning right) 11/09/20091 Severe (Right turn right side) 01/03/2014RIAWS supported by CCC as a proactive measure.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and cost	Christchurch City	
Riccarton Rd & Waimari Rd IS SNP	simple_2077	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Raised Safety Platforms	Upgrade of Signalised Intersection	\$640,000	0.12	19.16	NLTP1	Worth looking at - but not at the top of the list. Platform could work but need to investigate further. Relatively high active user volumes. Upper Riccarton shopping area supermarket Bush Inn Students.Brought forward to NLTP1.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and cost - intervention justified by risk and/or crash history	Christchurch City
Halswell Junction Road & Murphys Road IS SNP	simple_2513	Christchurch District Wide Minor Road Safety Improvements	Approved	Safety Management	LIL0	\$250,000	0.04	14.98	NLTP1	1 Minor (Right turn right side) 10/02/2017	Intervention justified in commentary/evidenceCouncil confirm scope and cost -intervention based on risk reduction and/or crash history	Christchurch City	
Waimairi Rd & Peer St IS SNP	simple_26283	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Raised Safety Platforms	\$440,000	0.07	16.87	NLTP1	Agree with level of spend/treatment philosophy but need to do more detailed investigations in the future to determine appropriate treatment.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and cost - intervention justified by risk and/or crash history	Christchurch City	
St Asaph St & Barbadoes St IS SNP	simple_43277	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Raised Safety Platforms	\$440,000	0.09	20.16	NLTP1	Agree with level of spend/treatment philosophy but need to do more detailed investigations in the future to determine appropriate treatment.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and cost - intervention justified by risk and/or crash history	Christchurch City	
Gloucester St & Stanmore Rd IS SNP	simple_43378	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Raised Safety Platforms	\$440,000	0.08	18.99	NLTP1	Worth looking at - but not at the top of the list. Platform could work but need to investigate further. Relatively high active user volumes. Close to Stanmore shops generally more ped activity in this demographic.Brought forward to NLTP1.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and cost - intervention justified by risk and/or crash history	Christchurch City	
Main North Road & Mary Street IS SNP	simple_43916	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Raised Safety Platforms	\$440,000	0.15	34.56	NLTP1	Still to be investigated as to what treatment types could be applied. This could be part of a Top 5/10 trial of platforms.Bus priority works happening through here at present so push out NLTP a few periods.	As per R2ZChange justified in commentary/evidencePreviously endorsed - Council confirmed scope and cost	Christchurch City	
Gasson Street & Wordsworth Street IS SNP	simple_44040	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Upgrade of Signalised Intersection	\$200,000	0.04	21.57	NLTP1	Filter turn removal to address RTA risk.Platform not supported at this location due to road environment.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and costs	Christchurch City	
Wairakei Road & Jeffreys Road IS SNP	simple_44636	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Raised Safety Platforms	\$440,000	0.11	24.66	NLTP1	Potential upgrade of signals to include a platform. Issues with peds and cyclists crossing the road without looking properly. Complex intersection with the railway crossing as well.	As per R2ZChange justified in commentary/evidencePreviously endorsed - Council confirmed scope and cost	Christchurch City	
Salisbury St & Manchester St IS SNP	simple_44956	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Raised Safety Platforms	\$440,000	0.1	23.83	NLTP1	Agree with level of spend/treatment philosophy but need to do more detailed investigations in the future to determine appropriate treatment.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and cost - intervention justified by risk and/or crash history	Christchurch City	
Selwyn St & Coronation St IS SNP	simple_45514	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Raised Safety Platforms	\$440,000	0.07	16.64	NLTP1	Agree with level of spend/treatment philosophy but need to do more detailed investigations in the future to determine appropriate treatment.Brought forward to NLTP1.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and cost - intervention justified by risk and/or crash history	Christchurch City	
Riccarton Rd & Division St IS SNP	simple_46593	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Raised Safety Platforms	\$440,000	0.1	22.68	NLTP1	Agree with level of spend/treatment philosophy but need to do more detailed investigations in the future to determine appropriate treatment.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and cost - intervention justified by risk and/or crash history	Christchurch City	
McLeans Island Rd & Aviation Drive IS SNP	simple_48291	Christchurch District Wide Minor Road Safety Improvements	Approved	Safety Management	RIAWS	\$225,000	0.05	22.17	NLTP1	Agree with RIAWS.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and cost	Christchurch City	
Warrington Street & Hills Road IS SNP	simple_6073	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Raised Safety Platforms	\$440,000	0.15	33.68	NLTP1	Red-light camera should be considered. 50% pedestrian crashes and HA. Potential for a platform as well.	As per R2ZChange justified in commentary/evidencePreviously endorsed - Council confirmed scope and cost	Christchurch City	
Riccarton Rd & Matipo St IS SNP	simple_68290	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	Raised Safety Platforms	\$440,000	0.08	17.38	NLTP1	Worth looking at - but not at the top of the list. Platform could work but need to investigate further. Relatively high active user volumes. Mall and bus exchange.Brought forward to NLTP1.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and cost - intervention justified by risk and/or crash history	Christchurch City	
Merrin & Withells IS SNP	simple_74971	Christchurch District Wide Minor Road Safety Improvements	Approved	Safer Intersections	URAB SI	\$300,000	0.08	26.63	NLTP1	Raised platforms on approaches to slow speeds and allow for improved pedestrian safety	NLTP change justified in commentary/evidenceChange justified in commentary/evidenceIntervention justified in commentary/evidenceCouncil confirm change of NLTP from R2Z - scope and costs confirmed - intervention justified by crash history and risk reduction	Christchurch City	
Pound & McLeans IS SNP	simple_42493	Christchurch District Wide Minor Road Safety Improvements	Approved	Safety Management	RIAWS	\$225,000	0.14	62.74	NLTP1	Support for roundabout in the long term and RIAWS/skid resistance in the short term.	As per R2ZChange justified in commentary/evidenceCouncil confirmed scope and cost	Christchurch City	
Purau Ave S of Rawhiti St SNP	Access_3003_m2	Christchurch Speed Management	Approved	Speed Management	Speed Management	\$800	0	59.85	0.4 NLTP1	Banks Peninsula speed limit review (complete). Cost is lower due to efficiencies of area-wide speed management.Changing to NLTP1.	Intervention justified in commentary/evidencePart of bulk speed endorsement	Christchurch City	
Aldwins Rd 2 East - Ferry Rd to 100m N of Newcastle St - SSS	Aldwins_9197_m1	Christchurch Speed Management	Approved	Speed Management	Speed Management	\$100,000	0.02	17.41	0.8 NLTP1	Speed management to align with SAAS.	Intervention justified in commentary/evidencePart of bulk speed approval	Christchurch City	
Blenheim Rd 3 South - Deans Ave to Main South Rd (eastbound) - SSS	Blenheim_9165_m1	Christchurch Speed Management	Approved	Speed Management	Speed Management	\$100,000	0.1	96.11	4.9 NLTP1	Shifting to NLTP1.	Intervention justified in commentary/evidencePart of bulk speed approval	Christchurch City	
Blenheim Rd 4 North - Deans Ave to Main South Rd (westbound) - SSS	Blenheim_9166_m1	Christchurch Speed Management	Approved	Speed Management	Speed Management	\$100,000	0.21	214.82	4.9 NLTP1	Shifting to NLTP1	Intervention justified in commentary/evidencePart of bulk speed approval	Christchurch City	
Bridge Street - SH74 to 310m E of SH74 - SSS	Bridge_481_m1	Christchurch Speed Management	Approved	Speed Management	Speed Management	\$100,000	0.02	19.99	0.3 NLTP1	Speed management to align with SAAS.	Intervention justified in commentary/evidencePart of bulk speed approval	Christchurch City	
Buckleys Rd 1 West - Rhona St to McGregors Rd - SSS	Buckleys_9168_m1	Christchurch Speed Management	Approved	Speed Management	Speed Management	\$100,000	0.02	23.24	0.7 NLTP1	Shifting to NLTP1.	Intervention justified in commentary/evidencePart of bulk speed approval	Christchurch City	
Colombo St 2 Brougham To Hereford - SH76 to Moorhouse Ave - SSS	Colombo_514_m1	Christchurch Speed Management	Approved	Speed Management	Speed Management	\$100,000	0.02	15.58	0.8 NLTP1	Speed management to align with SAAS	Intervention justified in commentary/evidencePart of bulk speed approval	Christchurch City	
Ensors Rd 1 - Opawa Rd to MacKenzie Ave (northbound) - SSS	Ensors_9184_m1	Christchurch Speed Management	Approved	Speed Management	Speed Management	\$100,000	0.02	17.06	1 NLTP1	Speed management to align with SAAS	Intervention justified in commentary/evidencePart of bulk speed approval	Christchurch City	
Ensors Rd 3 East - Opawa Rd to MacKenzie Ave (southbound) - SSS	Ensors_9185_m1	Christchurch Speed Management	Approved	Speed Management	Speed Management	\$100,000	0.01	10.69	0.9 NLTP1	Speed management to align with SAAS	Intervention justified in commentary/evidencePart of bulk speed approval	Christchurch City	
Gebbies Pass Rd Governors Bay Teddington Rd SNP	Gebbies_13947_m2	Christchurch Speed Management	Approved	Speed Management	Speed Management	\$17,700	0.29	1639.97	8.8 NLTP1	Banks Peninsula speed limit review (complete). Cost is lower due to efficiencies of area-wide speed management.Bringing forward to NLTP1.	Intervention justified in commentary/evidencePart of bulk speed approval	Christchurch City	
GovernorsBayTeddington Rd GebbiesPass Rd SNP	Governors_5509_m2	Christchurch Speed Management	Approved	Speed Management	Speed Management	\$4,000	0.03	625.82	2 NLTP1	Banks Peninsula speed limit review (complete). Cost is lower due to efficiencies of area-wide speed management.Bringing forward to NLTP1.	Intervention justified in commentary/evidencePart of bulk speed approval	Christchurch City	
Lincoln Rd 1 To Barrington Street - Whiteleigh Ave to Grove Rd - SSS	Lincoln_676_m1	Christchurch Speed Management	Approved	Speed Management	Speed Management	\$100,000	0.02	19.68	0.9 NLTP1	Speed management to achieve SAAS	Intervention justified in commentary/evidencePart of bulk speed approval	Christchurch City	

Linwood Ave Jollie St - Keighleys Rd SNP	Linwood_683_m1	Christchurch Speed Management	Approved	Speed Management	Skid Resistance at High-Risk Locations	\$100,000	0.04	35.39	0.9 NLTP1	Shifting to NLTP1.	NLTP change justified in commentary/evidenceCouncil confirm deferral from previous NLTP - scoppe and costs confirmed -	Christchurch City
Linwood Ave Hargood St - SH74 SNP	Linwood_684_m1	Christchurch Speed Management	Approved	Speed Management	Skid Resistance at High-Risk Locations	\$100,000	0.04	37.21	1.1 NLTP1	Shifting to NLTP1.	NLTP change justified in commentary/evidenceCouncil confirm deferral from previous NLTP - scoppe and costs confirmed -	Christchurch City
Linwood Ave 4 South Hargood Street - 110m E of SH74 to 850m E of SH74 - SSS	Linwood_685_m1	Christchurch Speed Management	Approved	Speed Management	Speed Management	\$100,000	0.03	28.35	0.7 NLTP1	Changing to NLTP1.	Intervention justified in commentary/evidencePart of bulk speed endorsement	Christchurch City
Mills Rd Prestons Rd SNP	Mills_4102_m2	Christchurch Speed Management	Approved	Speed Management	Speed Management	\$600	0	1.4	0.3 NLTP1	Marshland Spencerville and Kainga area speed management plan (complete). Cost is lower due to efficiencies of area-wide speed management.Changing to NLTP1.	Intervention justified in commentary/evidencePart of bulk speed endorsement	Christchurch City
Mt Pleasant Rd Summit Rd - UpperMajorHornbrook Rd SNP	Mt_4238_m2	Christchurch Speed Management	Approved	Speed Management	Speed Management	\$1,900	0	122.49	0.9 NLTP1	Summit Road speed review (complete). Cost is lower due to efficiencies of area-wide speed management.Shifting to NLTP1.	Intervention justified in commentary/evidencePart of bulk speed endorsement	Christchurch City
Pound Rd Ryans Rd - Yaldhurst Rd SNP	Pound_369_m3	Christchurch speed management	Approved	Speed Management	Speed Management	\$1,800	0.03	1542.42	0.9 NLTP1	Yaldhurst area speed management plan. Cost is lower due to efficiencies of area-wide speed management.Shifting to NLTP1.	Intervention justified in commentary/evidencePart of bulk speed endorsement	Christchurch City
Wigram Road - Platinum to 100m S Hayton	Wigram_452_m1	Christchurch Speed Management	Approved	Speed Management	Speed Management	\$100,000	0.01	10.18	1.1 NLTP1	Speed management to align with SAAS	Intervention justified in commentary/evidencePart of bulk speed endorsement	Christchurch City

Package	Count	Total Cost	DSi Saved Per Annum	DSI/\$100M
	13	\$ 19,315,884	1.94	10.04
Christchurch District Wide Minor Road Safety Improvements	34	\$ 12,824,075	3.54	27.60
Christchurch Speed Management	19	\$ 1,326,800	0.91	68.59
TOTAL	66	\$ 33,466,759	6.39	19.09