

Regional Transport Committee

Horizons
1 December 2020

2021-24 National Land Transport Programme development

- We're currently moderating, assessing and prioritising continuous programmes.
- We've received initial submissions for improvements activities - moderation will start in February 2021.
- There will be significant demand for available funding across all activity classes.



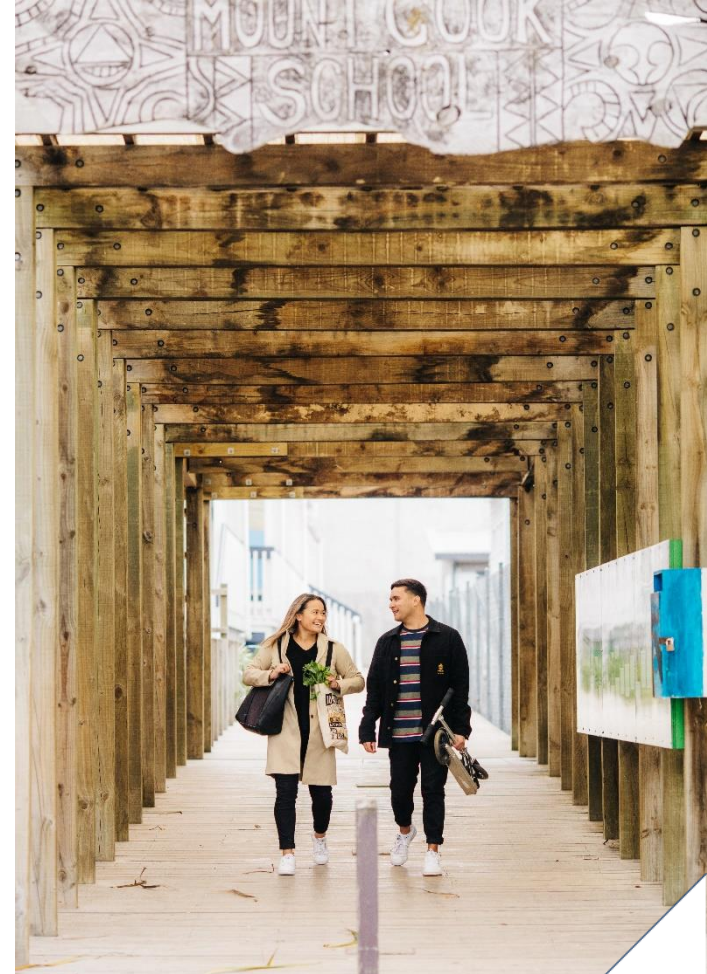
Waka Kotahi Investment Proposal

- The Waka Kotahi Investment Proposal is now available – it sets out our proposed investment activities for inclusion in the 2021-24 National Land Transport Programme (NLTP).
- In line with the GPS 2021, we have focused our investment planning on meeting existing commitments, maintaining core service levels and then looking for ways to improve safety.
- Feedback closed 27 November.



Draft Investment Prioritisation Method (IPM)

- Consultation on the draft Investment Prioritisation Method (the draft IPM) for the 2021-24 National Land Transport Programme (NLTP) has now closed.
- We expect to have the final IPM released by mid-December 2020.
- The IPM will replace the Investment Assessment Framework.
- It was developed in response to GPS 2021 and will be used to prioritise activities in the 2021-24 NLTP.



Proposed non-state highway activities

- We deliver a range of non-state highway activities as part of the National Land Transport Programme (NLTP). The proposed activities are included in the Waka Kotahi Investment Proposal.
- We have identified the activities that we propose for inclusion in the 2021-24 NLTP and welcome your feedback on what activities we should focus on.
- We have more information available on our [website](#).



Arataki V2 – COVID-19 employer modelling

The employment modelling used to inform Arataki V2 is now available to use as a tool at a regional and district level



Useful for RLTPs, demand assumptions on key corridors, spatial planning and supporting vulnerable communities

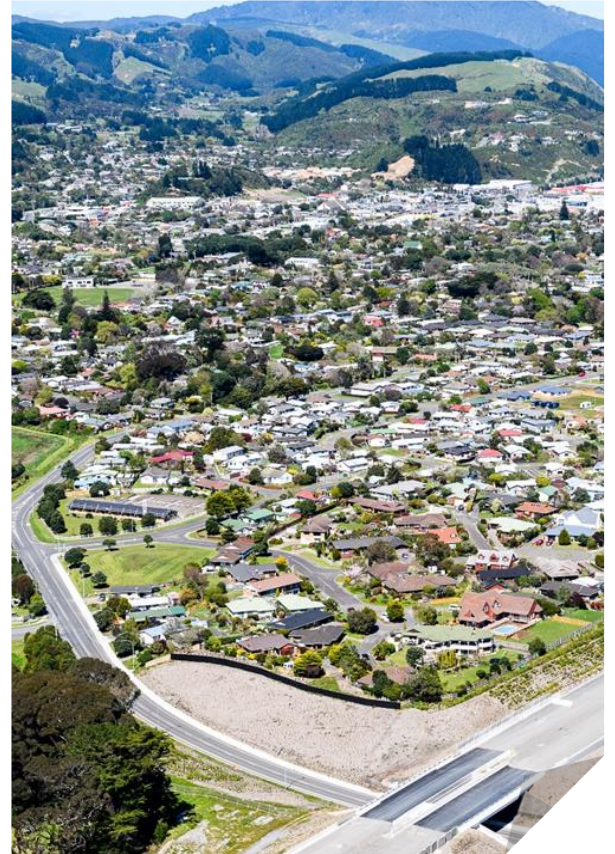


Arataki V2 provides easier access to data and information to help with RLTP development and other planning for the next decade



30-Year Plan (Version 1)

- We're currently working on a 30-Year Plan – it will describe what the land transport system needs to look like to support people's well-being and liveability in New Zealand in 2050.
- It will set out a three-decade plan of what we need to accomplish.
- Version 1 is expected to be released for engagement in July 2021.



Innovating Streets for People pilot fund

Creating people-friendly spaces through tactical urbanism

Innovating Streets for People pilot fund closed
(About \$24m allocated at 90% FAR)



For temporary projects with a pathway to permanence - co-designed with communities



71 projects that will make our streets more people-friendly by June 2021



Accessible Streets Consultation

- Public Consultation on the Accessible Streets proposal closed on 20 May 2020.
- Post-consultation analysis has been extended - decisions on the Accessible Streets proposals will be made post-election.
- We're currently finalising the summary of submissions report and have recently started work on a disability impact assessment.
- The submissions report and impact assessment will be used to inform recommendations to the incoming Minister and next steps for the Accessible Streets package.



Asset Management Data Standard (AMDS)

- The AMDS is a joint programme with the Road Efficiency Group (REG).
- The standard is being released in four versions to socialise the different types of assets for review and feedback from the sector.
- Version one was released in July with version two released on 30 October.
- Implementation is due to be complete in July 2021.



Update on speed management changes

- Part of the Tackling Unsafe Speeds programme is establishing a new regulatory framework for speed management.
- The Ministry of Transport released information on how we propose this will work earlier this year, and the Rule is being drafted.
- We are updating our guidance on speed management and school safety to reflect Road to Zero and will be seeking feedback once the new Rule is signed.



Aotearoa Urban Street Guide

- We're developing an Urban Street Guide.
- The guide is one of the Road to Zero actions and will set out an understanding of urban streets in New Zealand and support existing best practice design.
- It will bring together updates to the cycling network guide, pedestrian planning guide and public transport design guidelines to create a suite of technical guidance in the urban mobility space.



Regional road safety dashboards

- We're launching our new regional road safety dashboard prototype.
- It will enable you to interactively understand how your road transport system is performing on road safety issues.
- This is part of a broader refresh of tools, guidance and resources under Road to Zero.
- We welcome any feedback you may have.

Speed						
Q	DSI resulting from Rural head-on	DSI resulting from Rural run off-road	DSI from crashes at Urban intersections	DSI on roads with a SAAS lower than posted	DSI on roads in the top 10% for speed management	DSI on roads with IRR of medium or higher
	51	65	9	104	38	116
	31	57	128	178	59	331
	99	144	61	201	71	210
	51	62	31	100	48	101
	4	22	2	22	7	32
	10	34	13	42	15	48
	13	32	15	62	14	63
	32	58	32	99	38	99
	7	20	37	66	26	96
	12	22	14	33	13	39
	2	16	2	16	1	15
	37	72	97	140	51	195
	8	51	30	78	17	91
	13	31	17	51	17	49
	370	686	488	1192	407	1485

2019 Road Deaths Manawatū-Whanganui

A Safe System Summary of annual road deaths 2019 - Manawatu-Whanganui

People

Region


 **22** DEATHS


- 9 Light vehicle drivers (25+)
- 6 Young drivers
- 4 Passengers
- 3 Motorcyclists
- 1 Pedestrians
- 1 Heavy vehicle drivers
- 2 Cyclists

Aged 0 to 79 years old


 **\$259** SOCIAL COST OF DSI (\$M)


Roads & roadside


 **41%** died on roads with a medium or higher IRR

 **68%** died on roads in areas defined as rural

 **14** died on head-on crashes

 **8** death involved roadside objects

 **1** died at urban intersections

 **2** died in rural run-off-road crashes


Speed

11 died on roads with a speed limit set higher than the SAAS


5 died on roads in the top 10% requiring speed management

Vehicles

 **27%** died in 1-star or 2-star light vehicles

 **7** died in crashes involving a truck

 **3** died in crashes involving motorcycles

 **0** died not wearing a seatbelt

Manawatū-Whanganui Updates

December 2020



Manawatū-Whanganui Regional Update

Activity	2018 – 21 NLTP	Key date(s)	Progress	Commentary
State highway maintenance, operations and renewals	\$15.84M	Ongoing	Green	<p>Waka Kotahi has put together another big programme for our maintenance and operations with a plan to deliver over 90 lane km of renewals works, as well as a large heavy maintenance programme.</p> <ul style="list-style-type: none"> • 44 centreline km reseals • 1.5 centreline km rehabilitation • 415 centreline metres Asphaltic Concrete
Low Cost / Low Risk	\$0.8M	Ongoing	Green	<p>Resilience – 7 projects carried over from 2019-20 with no new projects yet approved.</p> <p>Safety – 3 projects carried over from 2019-20 with no new projects yet approved.</p> <p>SH54 – Investigations are underway for the intersections of SH54/Pharazyn Street and SH54 East Street</p>
SH3 Manawatu Gorge Alternative Routes	\$3.3M	Ongoing	Green	<p>This is the first full approved annual plan for the Manawatu Gorge alternate routes. This investment will see an improved programme of maintenance and renewals works for these roads.</p>

SH4 Update – Te Oreore slip site

December 2020

- **Cultural Impact Assessment (CIA)**
 - A first draft of this report is anticipated to be ready in December.
- **Electricity for dewatering wells**
 - Upgraded power supply is being installed to operate the dewatering wells on an ongoing basis.
 - Dewatering the site is critical to the continual stabilisation of the slip face.
- **100% design of reinstatement**
 - Detailed designs for the reinstatement of SH4 across the Te Oreore site are due to be completed by the end of the year.
- **Construction timeline summer 2021**
 - It is expected that the CIA will enable the project team to begin construction in the summer of 2021.



The crew at Te Oreore site drilling boreholes and installing groundwater monitoring devices, deep within the landslide area

SH4 Update – Resilience sites

December 2020

2. Raukawa

- We're currently working through the consent process
- Looking to begin construction in November/December this year, with an anticipated end date of October 2021

3. Hapokopoko Rock Curve

- There were delays due to adverse weather conditions but we're currently on track to complete construction by mid-January 2021

4. Whiskey Corner

- Completed

5. South Raupiu Retreat

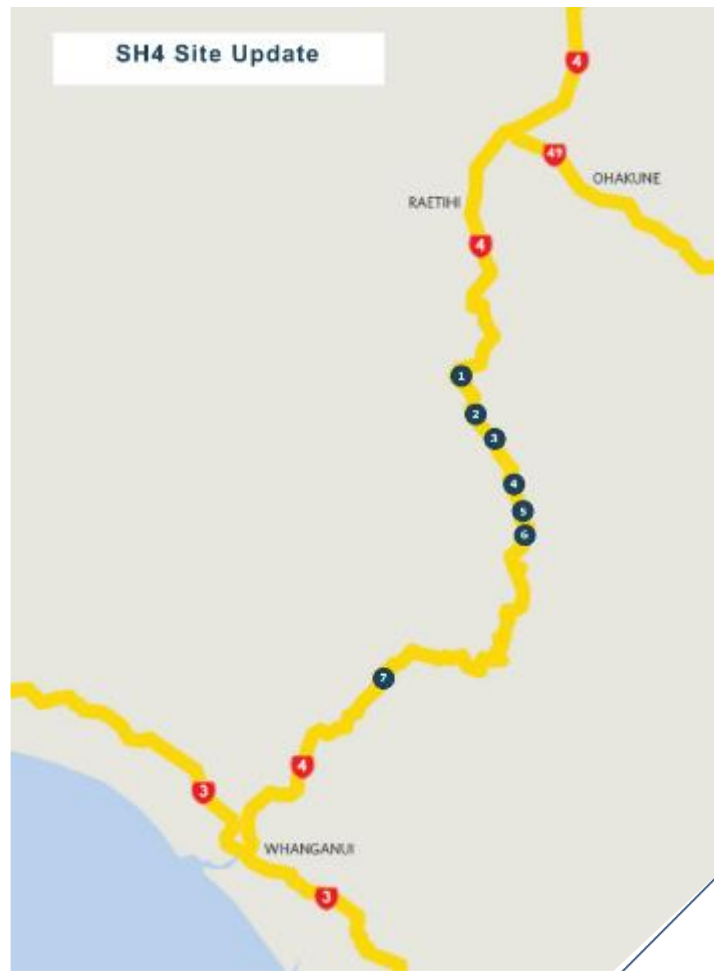
- There was a pause in work due to an unstable slope face and winter weather. Because of this, completion date is likely to be pushed into the new year with an expected completion date of January 2021

6. Otoko Pā

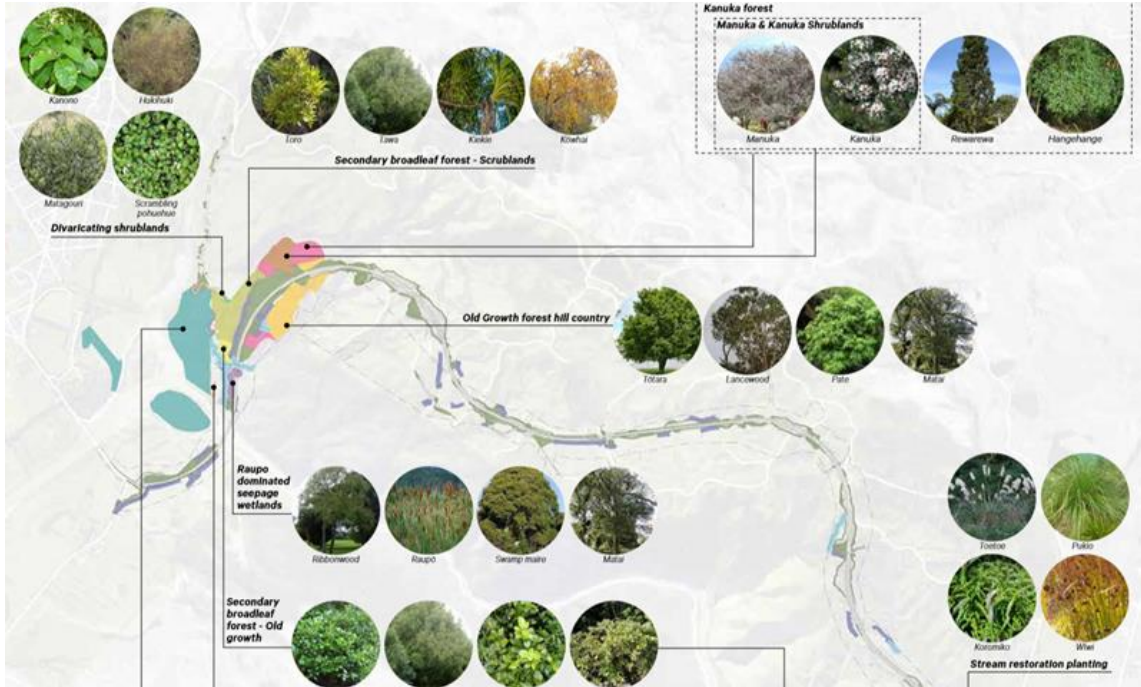
- Completed

7. Kukuta Underslip

- We're now in the final stages of the design phase, and the consent program is under way. We're also working on property matters
- Looking to begin physical works early next year



Te Ahu a Turanga: Manawatū Tararua Highway



Manawatū-Whanganui Large Capital Project Updates

Activity	2018 – 21 NLTP	Key date(s)	Progress	Commentary
Te Ahu a Turanga: Manawatū Tararua highway	\$123m	<p>Regional Consenting Nov 2020</p> <p>Enabling Work construction commenced</p> <p>Design Completion Jan 2021</p> <p>Main works construction commence Jan 2021</p> <p>Project completion Dec 2024</p>	Green	<p>Regional Consent approval received</p> <p>Jobs and training day completed. 700 registrations of interest.</p> <p>Enabling works underway (refer to top right photo on next page), this includes:</p> <ul style="list-style-type: none"> • Site Office completed • Access tracks • Saddle Rd construction traffic safety improvements • Erosion and sediementn controls • Meridian cable <p>300ha pest control in northern Manawatū Scenic reserve, 28km of stream mitagtion, 46ha of new planting and 48ha of forest retirement (refer to planting diagram).</p> <p>Intergrated hahi toi (cultural design) is progressing well with our iwi partners. Concept of the Manawatū River Bridge (Parahaki Bridge) is shown on the bottom right of the next page.</p> <p>Public information sessions will be held at the end of November; Pahiatua, Woodville, Dannervirke, Ashhurst and Palmerston North. New flyover and interactive drive through experience will be made available.</p>

Manawatū-Whanganui Large Capital Project Updates

Activity	2018 – 21 NLTP	Key date(s)	Progress	Commentary
Whirokino Trestle and Manawatū River Bridge	\$70m	Late 2020	Green	<p>Demolition of the old Whirokino Trestle is nearing completion and designs for an abutment memorial / viewing platform and information board are being prepared in consultation with iwi.</p> <p>Demolition of the Manawatu River Bridge has been suspended while Waka Kotahi investigates retaining the structure for walking and cycling. Waka Kotahi and Horizons Regional Council are working together to investigate flood management capacity in relation to the old Manawatu River Bridge piers and whether it's feasible to retain the structure. Consultation with stakeholders is also taking place.</p>



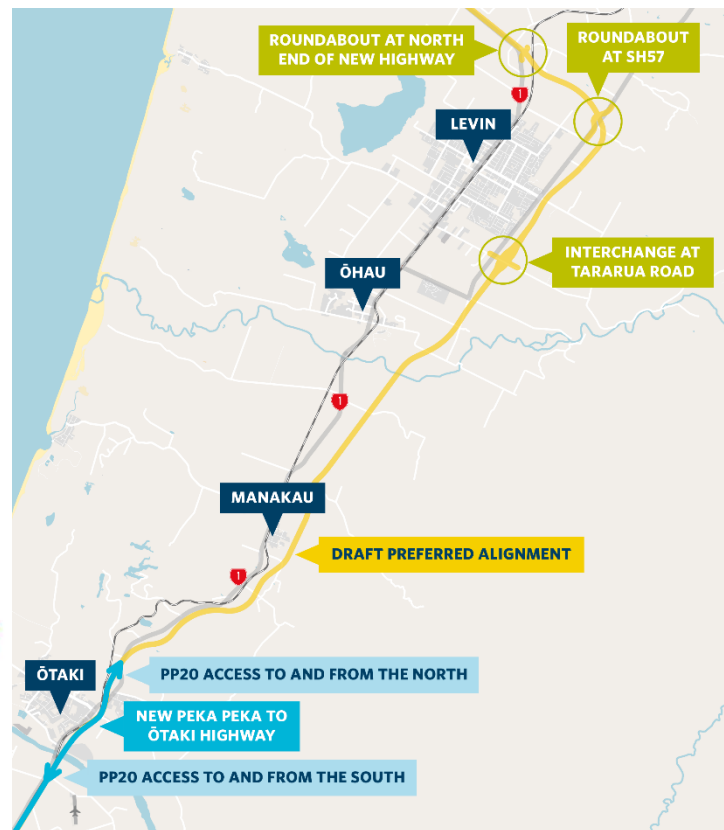
NZUP - Ō2NL

Ōtaki to north of Levin \$817 million new highway project

Outcomes of the new 24km four lane median-divided highway:

- **Improved safety**, with fewer deaths and serious injuries
- **More resilient network**
- **Support growth** through improved movement of people and freight
- **Integrate with the local network** including supporting access to walking and cycling
- **Enhance efficiency**, making journey times more reliable

Creating a positive legacy by working with the community on the built and natural environment we shape.



Ō2NL new highway

Recent consultation complete; feedback being assessed

- Draft plans presented to the community in August / September consultations:
 - **Draft preferred alignment** for the new highway
 - **Interchange** locations and types
 - **Local road** connections
- Options assessed against:
 - **Fit with project objectives**
 - **Environmental and social factors** - including HDC district development, iwi cultural values, productive land values and more
 - **Implementability impacts** - including fit with local road system
- From 25 August to 22 September 10 drop-in sessions, online panel discussion, O2NL Community Group meetings
 - Nearly **800 people** attended drop-in sessions
 - Over 4000 visits to interactive Social Pinpoint map by more than **1300 online users**. Of those users, **116 people provided 269 comments** on the map
 - Approx **100 property owner** meetings
- **Currently:**
 - Stakeholder, property owner and community feedback being considered, along with further technical investigations
 - **Update on refinements to draft preferred corridor and connections in early 2021**



Ō2NL safety improvements

Safety improvements and speed reviews on existing highways are part of the Ō2NL programme

- Three portions of work:
 - Stretches of edge barrier and wide centre lines on SH57, plus SH57 / Queen St roundabout
 - Stretches of median barrier on SH1 south of Levin, plus SH1 / SH57 roundabout
 - Safety improvements north of Levin being investigated, working with community
- **SH57:** Draft report on July / August engagement published, covering infrastructure aspects (speed engagement element to come in final report).
- **SH1 north and south of Levin:** Early stakeholder conversations underway. Wider engagement in early 2021.

SH57 community engagement



Improving **safety and resilience** of the Ōtaki to **north of Levin** transport corridor in the medium term, while progressing a new four-lane highway to **support growth** in Levin and **increase transport choice** for the growing population by the end of the decade.

NZUP/PGF: SH43 Forgotten World Highway

Sealing the Tangarakau Gorge

- Construction of first 2km due start in early 2021
- Design of the remaining 10km is underway

Pohokura Culvert Bridge

- Work that began in August to reinstate the road to two lanes at Pohokura by building a bridge over a damaged culvert, is on track to be completed early 2021
- One lane of the new bridge is operational, and the temporary Bailey Bridge has been removed

Other projects underway

- We are undertaking investigations and designs for many of the other projects planned for the route including safety improvements, the Manawawiri culvert replacement and a preventative maintenance strategy
- A wayfinding plan for the route is also being developed. The project will enhance the journey along the highway, provide safe stopping places and increase tourism to the area.



Manawatū-Whanganui Project Updates – ACNZ & PNITI

Activity	2018 – 21 NLTP	Key date(s)	Progress	Commentary
ACNZ	\$1.2M	Last quarter 2020	Green	<p>Accessing Central NZ (ACNZ) Programme Business Case</p> <ul style="list-style-type: none"> Draft Programme Business Case (PBC) completed PBC going through Investment Quality Assurance (IQA) review
PNITI			Green	<p>PNITI Business Case</p> <ul style="list-style-type: none"> Finalising business case including management case with joint working group Investment Quality Assurance review underway Peer review to occur December 2020 Business case to go to the board in February 2021



Manawatū-Whanganui Project Updates – other

Activity	2018 – 21 NLTP	Key date(s)	Progress	Commentary
Ashhurst Mitigation	\$6M	Late-2021	Green	<p>The majority of the two-year Ashhurst Mitigation project has been completed with the remainder - Wyndham St (Oxford to Cambridge) shoulder widening and Lincoln/Bamfield intersection footpath connection - underway early in the new year.</p> <p>The completed work includes:</p> <ul style="list-style-type: none"> • Village Centre Improvements - Raised platforms, kerbside islands and planting to create a lower speed environment and improve safety. • The Terrace – intersection closure, new fencing and bollards • Wyndham Street (between Cambridge Ave and Salisbury St) – road surface upgrade, kerb buildouts • Cambridge Ave, Mulgrave Street – new roundabout • York Street – new parking • Salisbury Street - footpath widened and kerb buildouts to calm traffic, upgrade pedestrian crossing • Bamfield, Lincoln and Worcester Streets- median islands at intersections. • Stanford Street - change of give way priority • Mulgrave Street, Salisbury Street – intersection closure • Mulgrave and Hillary - Altered priority to reduce traffic volume, traffic speed, noise and improve safety for Spelman Ct residents. • Hillary & Cambridge & Custom - Intersection re-alignment to lower speed, reduce traffic and encourage drivers off residential streets, improve visibility and footpath connections. <p>There is an upcoming speed review on York and Napier/SH3 that will engage on the current designs.</p>
Ashhurst Bridge Shared Path	\$200K (SSBC phase)		Green	<p>Public open day was held in Ashhurst on 27 August. The feedback was very positive. The project team are finalising the business case ready to start detailed design and consenting in the new year.</p>

SH3 Napier Road

December 2020

- Funding for detailed design and consenting received
- Project announcement October 2020
- Project scope includes:
 - Traffic signals at the SH3 Napier Road/Roberts Line intersection
 - Shared path between Sutton Place and Roberts Line (off-road)
 - Threshold treatments
 - Speed review
- Project extent is from Keith Street to Stoney Creek Road
- Currently developing procurement documents and working through procurement process
- Project will fully kick off with a consultant in the new year

Manawatū-Whanganui Project Updates – Speed & Safety

Activity	2018 – 21 NLTP	Key date(s)	Progress	Commentary
SH 3 Whanganui to Westmere Speed Review	\$2.4M for Manawatu – Whanganui region over multiple corridors	18 December	Green	<ul style="list-style-type: none"> Announcement 19/11 on new speeds. New speeds come into effect 18/12
SH1 Bulls to Sanson Speed Review			Amber	<ul style="list-style-type: none"> Further internal review required to consider pending infrastructure changes, land use and consenting. Speed report that is used for the basis of engagement and consultation will be updated following the internal review.
SH3 Palmerston North to Whakarongo Speed Review			Amber	<ul style="list-style-type: none"> A communications plan for engagement and consultation is being drafted.
SH57 - (Otaki to Nth Levin + Shannon to Ashhurst)		Consultation Early 2021	Amber	<ul style="list-style-type: none"> Public engagement on SH57 now completed. Review process underway to build proposal for formal consultation. Consideration of infrastructure on SH1 needs to be included in the development of speed proposal.

Manawatū-Whanganui Project Updates – Stock Effluent

Activity	Key date(s)	Progress	Commentary
Site Investigation	Late 2020	Green	<ul style="list-style-type: none">• Woodville site moving to Woodlands Road. Discussions underway with the property owner. If land purchase possible for the SEDF we can move to the next phase.• A private developer has brought the old AFCO building in Taumarunui. Owner may want to make AFCO SEDF a public facility. Waka Kotahi funding is being investigated. We're working with the Ruapehu District Council and our contractors on pricing this work.





Hei konā mai