

Regional Transport Committee

Approved Organisation Update: March 2021

ORGANISATION NAME: Horowhenua District Council
RTC REPRESENTATIVE: Mayor Bernie Wanden

1. MAINTENANCE, OPERATIONS AND RENEWALS

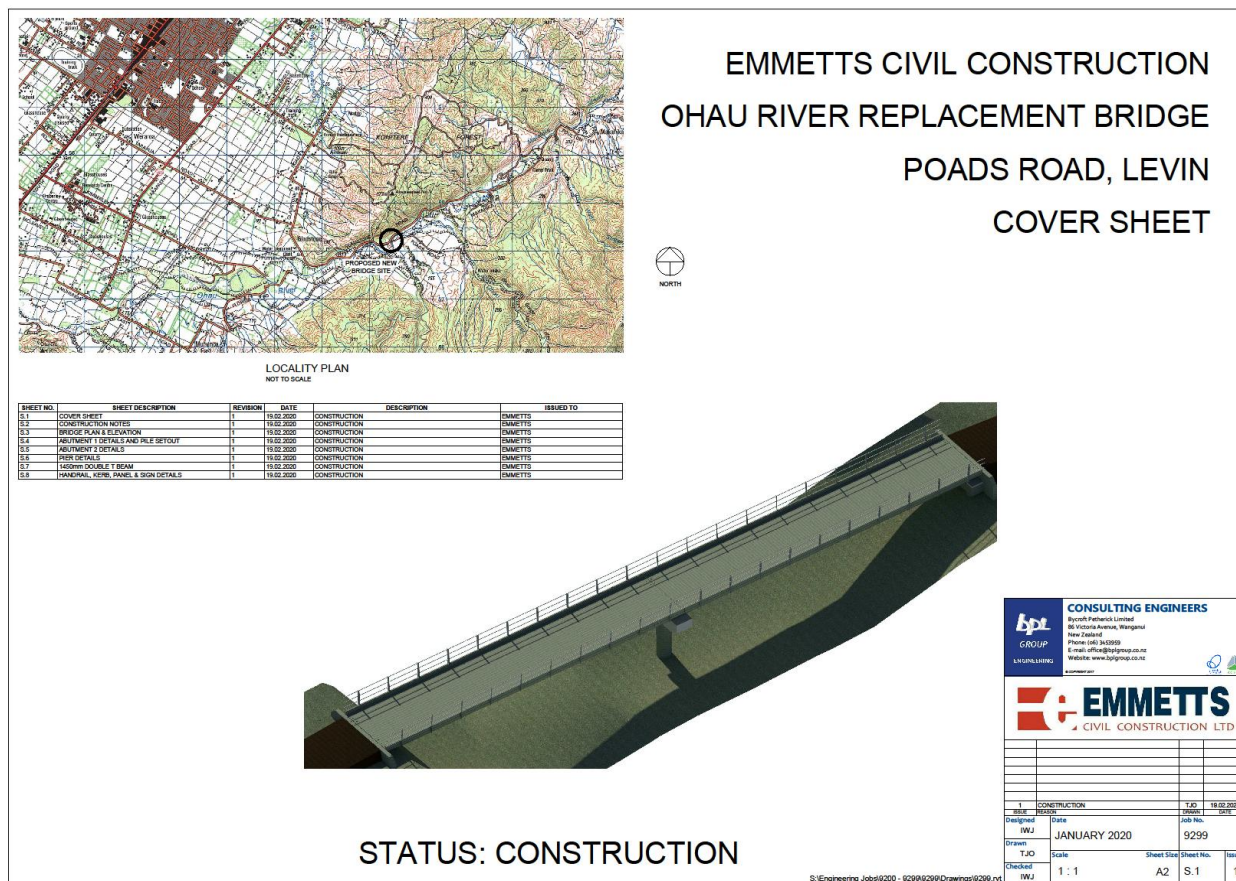
The 20/21 resurfacing program had some delays but was completed in February.

The footpath renewal program is 95% complete.

The 20/21 AWPT sites have begun with most of them being already completed:

- Waitare Beach Road has been completed.
- Arawhata Road, Wylie Road and Ashlea Road rehab sites have also been completed
- Koputaroa Road site has an underpass being installed, which is expected to be completed by end of April.

Bridge Replacement Program has commenced with Poads Road Bridge replacement underway and is expected to be completed by end of April.



2. WALKING AND CYCLING

The Levin Town Spine Shared Pathway design is complete and the project is approved in principal and moving to stage 2 of KiwiRail's approval process.

Queen Street West and East Shared Pathway design is complete and road works on the East side have been completed. West side road works is currently on going.



3. ROAD SAFETY

Queen Street Improvements - Oxford Street to Salisbury Street

The project scope is to improve pedestrian and cyclist accessibility within Levin's town center on Queen Street, while also rehabilitating the failing road pavement and surface and replacing water reticulation infrastructure. This project was successful in attracting funding through the Provincial Growth Fund. This project is now completed.



Street design



Pedestrian refuges on Queen Street

Queen Street – Tiro Tiro Roundabout

The project scope is to improve safety of an unsafe intersection by building a new roundabout while replacing water reticulation infrastructure. This project was successful in attracting funding through the Provincial Growth Fund. The project is now completed.



Liverpool Street Improvements – Bartholomew Road to Balmoral Street

The project scope is to improve safety of pedestrians as there is a history of pedestrian vs car incidents and this intersection is used by school children. This will include improving pedestrian crossing points, replacement of the footpath and an upgrade of the underground services at the same time as we rehabilitate the road.

Traffic Calming

Traffic Calming Projects are in place to help slow down traffic on roads which have been investigated/reported as dangerous from drivers speeding down. The idea is to visually the narrow

road and give the effect that slower speeds are needed for traffic. Works on Andrews Street in Foxton, Grey Street in Shannon and Tiro Tiro Road in Levin South have all been completed.



Raised Kea Crossing on Grey Street in Shannon



Raised Crossing on Tiro Tiro Road in Levin South

4. PLANNING

Otaki to North of Levin Expressway (O2NL)

Council continues to work closely with Waka Kotahi NZ Transport Agency on plans for the O2NL expressway. Engagement between Waka Kotahi NZ Transport Agency and Council on this project has been extensive, well planned and extremely valuable for both organisations.

Safe Network Programme (SNP)

HDC are collaborating with Waka Kotahi in the planning, design and delivery of the Safe Network Program in the district, both on Local Roads and State Highways.

One example of this collaboration is a project to improve safety and access to community centers such as Schools and Marae. HDC has been able provide assistance by engaging with stakeholders and Iwi partners where there are strong existing connections with Council. Council is also able to provide more efficient and effective investigation and design assistance with HDC's local knowledge and in-house design capability.

1. PUBLIC TRANSPORT

COVID-19

With recent changes in alert levels, staff and bus operators have responded as required to ensure necessary regulations are met. The most recent change is the mandatory use of face masks on public transport for both drivers and passengers at all alert levels. Exceptions apply for passengers of certain age groups or with health conditions. Taxi drivers for companies operating under our Total Mobility Scheme are also required to wear a face mask at all alert levels, however their passengers are not. Anecdotal reports from drivers and passengers are that the majority of people are adhering to these requirements.

Under alert level 1, all services operate at normal timetables with no restrictions on capacity.

Patronage is currently at approximately 73% of normal levels (comparing July – December 2020 with the same period in 2019). The July 2020 forecast estimated patronage to be at 80% of pre-covid levels at this stage in recovery. However, the impact of Covid-19 has been significant and recovery is slow, with the biggest impact seen across tertiary and child users. This trend is consistent with others across the country.

Officers continue to participate in sector discussions on the response to COVID-19 and respond to any changes. A plan is in place for levels of service, should the alert level change.

Contracts

Service reviews:

- Palmerston North urban services review. Work commenced on scoping this review in late 2018-19. The review has been extended with a revised completion date of late 2021/early 2022. A Technical Working Group has been established, with membership being officers from PNCC and Horizons. A Governance Group of political representatives provides oversight of the review. The Governance Group met in November 2020 to discuss the review vision and principles. Guidance from this meeting will be utilised by the Technical Working Group to develop network options for consideration at the next Governance Group meeting in April 2021. Consultation is planned for mid-2021.
- Following the introduction of new services and a new bus operating contract in Whanganui at the end of 2019, officers have assessed and made minor adjustments to the timetable, services and information to improve customer experience. These improvements were rolled-out from mid-January 2021. The Whanganui Advisory Group has been re-established and met on 3 February 2021.
- A mid-term review of the Feilding Around Town / Feilding to Palmerston North service was completed in 2020. A number of changes to the service were approved, with the primary change being the commencement of a Feilding only (Orbiter) service which travels around the Feilding township in addition to the Feilding to Palmerston North connector service. The Feilding Public Transport Advisory Group is working on an implementation programme, which involves seeking additional funding via the Long Term Plan process to enable the full suite of improvements to be implemented for this service.

Timetable changes

- A new timetable launched in Palmerston North on 6 December to implement the requirements of the Employment Relations Amendment Act 2018. Customer feedback on the changes will be recorded with a view to potentially making timetable tweaks (within the constraints of the legislative framework) if required.

- An updated timetable also launched in Whanganui on 18 January 2021. The updated timetable included improved route numbering and naming aimed at making the services easier to understand, and two small route changes to improve safety and access. As part of this project 40 bus stop sites were upgraded with on-street information to assist with ease of understanding of the services operating within each area.

Electric Bus

On 24 February 2021, a launch event was held to celebrate the new electric bus being brought into Transit's Palmerston North fleet. This bus is now a permanent part of the fleet running the Palmerston North Urban services.

Bee Card

- Full fares and concessions were reintroduced on 28 September 2020
- Cards cost \$5 with a minimum \$5 top-up
- The Auto top-up feature was successfully launched in November 2020.
- A Massey pilot ran over the summer semester, with the roll out of Bee Card to all Massey staff and students commencing on 15 February.
- 18,202 Bee Cards issued to date with a 42% registration rate.
- From 20 July – 31 December 2020 the regional total of trips made using Bee Card was 62%.

Lower North Island Passenger Rail Project

Led by Greater Wellington Regional Council (GWRC) this is a collaborative project involving Horizons, Waka Kotahi NZ Transport Agency, KiwiRail and Transdev, exploring the procurement of a low/zero carbon Lower North Island commuter fleet.

This is envisaged as the future of mobility across the Greater Wellington and Manawatu regions where it will connect Wellington to the Wairarapa and the Manawatu with modern and reliable trains. These trains will replace the aging locomotive-hauled Wairarapa and Capital Connection carriages which are nearing the end of their service lives, and enable improved service capacity and frequency on both lines during both the peak and off-peak.

Development of the Detailed Business Case (DBC) is underway and it will build on the Indicative Business Case (IBC) completed in December 2019. The DBC is being underpinned by an international rolling stock market sounding (April 2021), and the development of a number of detailed investigation reports. The final DBC and funding application are expected to be completed July 2021.

2. ROAD SAFETY

Horizons Road Safety Coordinators continue to work on promotion and education activities across identified issues. A detailed report on the Coordinators' activities is provided in a separate item in this agenda.

3. TRANSPORT PLANNING

Work on development of the Regional Land Transport Plan (RLTP), 2021-31 is well underway with the draft RLTP adopted for public consultation at a special Regional Transport Committee meeting held on 1 February. Public Consultation commenced on 9 February and closed 17 March. At the time of writing this update, 7 submissions had been received, with more expected as the consultation period nears the end. Hearings are scheduled for 8 and 9 April, with deliberations occurring upon completion of the public hearings.

The Regional Advisory Group and Regional Transport Committee have played pivotal roles in developing the draft RLTP out for consultation today. Development of the RLTP is a substantial piece of work which will require further, regular input from the Committee and stakeholders prior to being adopted by 30 June 2021.

Staff continue to be actively engaged in the Local Government Transport Special Interest Group RLTP Leads work stream, which meets fortnightly. The purpose of this group is to discuss/share

information coming from government around RLTP development, and work collectively to advocate to Waka Kotahi and government around any issues or additional support required.

In addition to the RLTP, focus continues to be on supporting the advancement of the following key initiatives which will impact land transport in the region:

- Te Ahu a Tūranga: Manawatū Tararua Highway.
- Ōtaki to North of Levin Expressway (Ō2NL).
- Palmerston North Integrated Transport Initiative (Regional Freight Ring Road).
- KiwiRail Regional Freight Hub
- Capital Connection - Inter-regional Passenger Rail services between the Horizons and Greater Wellington regions
- Accessing Central New Zealand Governance Group meetings, with the most recent meeting held on 12 February 2021.

The Transport Planning team also keep a regular watch on local and central government policy changes and submit where required. Some key central and local Government policy the team are keeping a watch on are:

- The Climate Change Commission's draft advice released earlier this year. We are actively supporting the policy team in advising and supporting the submission being drafted in response to this advice
- Land Use Development proposals for Levin (Tara-Ika) – supporting the Policy team with advice as it relates to land transport and our RLTP strategic direction
- Submissions to neighbouring region's draft RLTP's.

1. EMERGENCY WORKS

All Emergency Works are complete.

2. MAINTENANCE

This work provides for the routine care of sealed pavements to maintain their structural integrity and serviceability.

A MoU with Waka Kotahi NZ Transport Agency for OW Permits: Council have requested an agreed procedure from Waka Kotahi on uploading the data into HSIMS.

3. RENEWALS

This work provides for non-routine planned periodic renewal of sealed and unsealed road pavements, drainage, and structures.

Seal designs are ongoing. Some AC sites have been programmed for next month weather permitting.

Reseals: 53km of reseals are complete.

Sealed Road Pavement Rehabilitation: This work provides for the replacement of, or restoration of strength to, sealed pavements where other forms of maintenance and renewal are no longer economic. The proposed projects for 2020-21 are:

| Project | Length (m) | Start | Finish | Comments |
|-----------------------------|------------|------------|------------|----------|
| Tangimoana Rd RP10220-11023 | 803 | 6 July 20 | 5 Aug 20 | Complete |
| Taylor Rd RP2863-3059 | 196 | 8 July 20 | 31 July 20 | Complete |
| Penny Rd RP1011-1433 | 422 | 20 July 20 | 7 Aug 20 | Complete |
| Finnis Road RP0-2012 | 2012 | Aug 20 | Oct 20 | Complete |
| Taonui Road RP14595-15869 | 1274 | Aug 20 | Sept 20 | Complete |

4. ROAD IMPROVEMENTS

This work category provides for improvements to or upgrading of existing roads within the existing or widened road reserve.

Low cost / Low Risk

| Project | Start | Finish | Comments |
|--|-----------|-----------|--|
| Bainesse School RTBs Construction | 24 Sep 20 | 30 Oct 20 | Complete |
| Makino-North Pedestrian Xing Upgrade | July 20 | Aug-20 | Complete |
| Ashhurst Rd: Kelvin Grove & Watershed Rd Intersections | Jan 21 | Apr 21 | Watershed Complete Kelvin Grove commenced |
| LED Upgrade | July 20 | Jun 21 | Underway |
| Rongotea School Tyne St Ped Xing | Apr 21 | May 21 | Awaiting price from contractor. |
| Severn St speed humps | Apr 21 | May 21 | Awaiting price from contractor. |
| Kiwitea School Footpath | Mar 21 | Apr 21 | Awaiting price from contractor. |
| Cemetery Road PW Signage upgrade | Jan 21 | Jan 21 | Complete |
| Colyton Road PW Signage upgrade | Feb 21 | Feb 21 | Work Programmed |
| Valley Road PW Signage upgrade | Apr 21 | Apr 21 | Work Programmed |
| Watershed Road PW Signage upgrade | Mar 21 | Mar 21 | Work Programmed |
| PVE/Churchill Intersection Imp | Feb 21 | Feb 21 | Complete |
| South St Lighting | Mar 21 | Apr 21 | Underway |
| Church St / Grey St Intersection Crash severity mitigation | 2021-22 | 2021-22 | Design underway |
| Halcombe Road Seal Widening | 2021-22 | 2021-22 | Design underway |
| Halcombe Rd. Crossing point | TBC | TBC | Awaiting feedback from Halcombe Community Committee. |
| Sandon Rd Curve Improvement | TBC | TBC | Land entry required |

Structural component replacement: This work provides for the renewal of components of, road bridges, retaining structures, guardrails, tunnels, stock access structures, cattle stops, footpaths on road structures, pedestrian over-bridges/underpasses.

| Project | Start | Finish | Comments |
|--|----------|-----------|---|
| Makawakawa bridge S202 handrail/kerb blocks | 3 Nov 20 | Mar 21 | Handrail complete. Casting kerb blocks. |
| Makiekie Bridge S214 strengthening and deck repair | 3 Nov 20 | 31 Nov 20 | Complete |
| Hurst road S70A base replacement | Sept 20 | Sept 20 | Complete |
| Umitoi north S299B wing wall strengthening | Jan 21 | Feb 21 | Complete |
| Awahou south S5B gabions and stream re-alignment | Dec 20 | Jan 21 | Complete |
| Otara road S172 secure deck and renew joints | Mar 21 | Jun 21 | Complete |
| South Street Bridge S409B | Sept 20 | Sept 20 | Complete |
| Kakariki Bridge Joint renewal | Mar 21 | June 30 | Awaiting Expansion Joints |

Bridge Replacements: This work provides for the upgrade or replacement of existing bridges and other road structures.

| Project | Start | Finish | Comments |
|------------------------|--------|--------|----------------------|
| Rongotea Road (S243A) | Feb 21 | Mar 21 | RMA consent approved |
| Rongotea Road (S241A) | Feb 21 | Mar 21 | RMA consent approved |

Mangaweka Bridge:

Rangitikei and Manawatu District Councils and Mangaweka Heritage Inc. have negotiated a mutually agreed upon MoU for the ongoing management of the historic bridge. The MoU is now with Mangaweka Heritage Incorporation to sign.

Achievements/Activities since last status report

- Remaining site clearance (under new consent)
- Relocation of Mangaweka water main
- Constructed foundations for both abutments
- Constructed the foundations for both Piers
- Completed environmental controls
- Completed Archaeological clearance

Activities to be started/completed or in progress over the next month:

- Construct Abutment Wing Walls
- Install scaffolding and shore loading around pile columns
- Steel arrives in New Zealand
- Issue shop drawings
- Manufacture beams

Resilience: This work category provides for non-routine work required to protect the serviceability of roads and bridges from damage, and to minimise the threat of road closure arising from natural phenomena.

| Project | Start | Finish | Comments |
|---|--------|----------|--------------|
| PVE culvert 194A void filling, clearing culvert | Feb 21 | April 21 | 50% Complete |
| Makawakawa bridge S202, aggrading stone removal | Oct 20 | Oct 21 | Complete |
| Mangamako road S133 retaining wall replacement | Jan 21 | Feb 21 | Complete |

5. OTHER PROJECTS

Port St East Rural to Urban Upgrade: Physical works commenced in October 2019, and Practical Completion was achieved 21 October 2020.

Feilding to Palmerston North cycle way

- 50% i.e. 2.0 km of cycle way is expected to be complete by April 2021.
- The extension of 3 box culverts is expected to be complete by the end of May 2021.
- RMA Consent application being prepared for a cycle way bridge across the Taonui Stream
- Obtaining prices for design and build for a cycle way bridge across the Taonui Stream.

Churcher St Rural to Urban Upgrade: Design underway.

Turners Road: Land acquisition negotiations and design are ongoing.

1. MAINTENANCE, OPERATIONS AND RENEWALS:

Contract Re-Tender

Council has recently completed the re-tender process for its Road Maintenance, Renewal and Minor Capital Works contract. Negotiations are being finalised with a preferred tender. Subject to agreeing several scope and personnel elements it is hoped to confirm award of the contract by the end of March. The contract is for an initial period of 3 years with 2 subsequent 3-year extensions possible. The indicative value of the contract is \$43million for the 3 year term.

Re – Seal and Pavement Renewal Programmes

The 2020 / 2021 Re-Seal programme is underway and is scheduled for completion by the end of the third quarter of the financial year. Re-sealing of 27km of the road network is planned for this year, and as of 11 March 2021 the programme is 95%.

The pavement renewal programme has been delayed due to servicing conflicts and budgetary constraints. A programme of 4 sites is currently in final design with works planned to be commenced in April.

The annual programme of line marking for the city is complete and the final package programme of drainage and kerb and channel renewals has been issued to the concrete works panel for completion in Q2 and Q3 of the financial year.

Other routine maintenance and cyclical works are tracking to budget. This year special attention has been given to completing maintenance works in association with renewal work to optimise the investment in traffic management and deliver full corridor refurbishment.



Pavement Sealing Work on Tennant Drive South of Massey University

Footpaths Renewals

In excess of 500 site specific footpath renewals have been completed across the network, in line with the targeted approach to address high priority faults. The renewal programme budget of approximately \$1m has been expended.

Footpath maintenance work continues on a reactive basis focusing on emergency & high priority footpaths faults as they arise.

2. CAPITAL PROGRAMME

Most components of the Capital Upgrade programme of work for 2020-21 are currently under construction or scheduled to commence soon. The specific projects are as follows:

2.1 Road Safety Projects

Monrad Street/Pencarrow New Roundabout

The roundabout is currently under construction and is scheduled for completion by July 2021.

Pioneer/Lyndhurst/West Safety upgrade

This project is to improve road safety by restricting the straight through and right turning movements from West Street and Lyndhurst Street, which will eliminate conflicting movements associated with the multi-lane wide road. Construction is scheduled to commence in April.

Benmore Avenue Traffic Calming

Construction has commenced for raised speed platforms along its length to reduce vehicle speeds. The project is currently under construction and is scheduled for completion by July 2021.

Park Road/Cook Street/Esplanade Entrance Intersection Upgrade

The tender has been awarded for the construction of a signalised intersection with an improved entrance to the Esplanade Reserve. Construction is scheduled to commence from 24 March 2021.

Bunnythorpe Ashhurst Road Right Turn Bays at Kelvin Grove Road and Watershed Road

The project is currently being undertaken jointly with Manawatū District Council. It is scheduled for completion by April 2021.

2.2 Active Transport Projects

Summerhill Drive Cycleway

Council approved the option for separated cycle lanes with indented parking and a flush median. The works will include installation of cycle separators to protect cyclists in what is a higher speed urban corridor. Construction of the indented parking is scheduled for May 2021 with line marking and separators to be installed in June.

Ruapehu Drive Pedestrian Safety treatment

Construction scheduled to commence in April 2021 for a raised pedestrian/courtesy crossing.

Wood Street Pedestrian Safety treatment

Construction commenced in March 2021 of a raised pedestrian refuge island, with completion scheduled for April 2021.

Mihaere Drive Footpath and Kea Crossing

A 580m footpath on the south side of the road has been constructed connecting Roberts Line to the industrial area on Mihaere Drive outside Cornerstone Christian School. In addition to this, a kea crossing for the school is planned which is scheduled to be constructed over Easter.

Mulgrave Street, Ashhurst Footpath

A new footpath is planned for construction between Hillary Crescent and Cambridge Avenue on the south side of the road. The 200m footpath is scheduled to be complete by July 2021.

3. EMERGENCY WORKS

No emergency works undertaken to-date.

4. PLANNING

4.1 Walking and Cycling

Urban Cycle Master Plan

Under Council's Urban Cycle Master Plan, three projects were proposed to be delivered in 20/21. These are

- Featherston Street West Separated Cycleways (Botanical Road to Rangitikei Street)
- Albert Street, Buffered/Separated Cycle Lanes
- Milsons Line Cycle Lanes

Due to more demanding requirements from Council for stakeholder engagement and community consultation, these projects will be delayed with delivery in 2021/22 following completion of the consultation and any consequential amendments to the design.

Manawatu River Pathway (Ashhurst to City)

To complete the remaining section of the Manawatu River Pathway, easement or corridor agreements are required for four remaining property owners. Informal negotiations have been unsuccessful, and Officers will be seeking a formal Council resolution to proceed to acquire the necessary land through the Public Works Act.

Palmerston North to Bunnythorpe Shared Pathway

Planning and design work continue on the PNCC portion of the Feilding to Palmerston North shared path. The project has been complicated by the recently announced KiwiRail Regional Freight Hub which overlaps some of the original pathway alignment. Negotiations as part of the Notice of Requirement (NOR) are continuing to develop an alignment and design which can be accommodated by the Freight Hub but still meet the outcomes of PNCC for the project.

4.2 Transport

Ferguson Street Two Laning and Traffic Signals

The two laning of the remaining section of Ferguson Street on the ring road is being progressed to detailed design ahead of final engagement and tendering for delivery in 2021/22. The works will include installation of new traffic signals to improve safety and access around the CBD.

Richardson's Line Roading Upgrades

With a recent upsurge in interest in land development in the North East Industrial Zone, concept design work for an upgrade of Richardson's Line has been completed to inform LTP funding requests and enable commencement of detailed design for the corridor. Work will include extension of water supply and wastewater networks to service the new development planned for the area.

Kairanga Bunnythorpe and Ashhurst Road Bridges

Following the recent submission of the PNITI Programme Business Case to NZTA's Board in February 2021, PNCC are advancing preliminary scoping of geotechnical investigation work to support renewal and strengthening of critical bridges on the Ring Road corridor. The work is intended

to enable early and cost-effective procurement of bridging capital works in year 1 of the RLTP should the funding be approved.

In addition, PNCC are working with NZTA to develop an implementation plan for the programme which will assist with advancing some early packages of work and clarifying the type and nature of any further business case work.

Te Awe Awe / Albert Street Roundabout Upgrade

This project has been deferred due to the unexpectedly high tender prices received. Officers are currently investigating the feasibility of altering the treatment from a roundabout to traffic signals.

4.3 Road Safety

Roberts Line/Railway Road Intersection

The Southern approach (Roberts Line) of this intersection is proposed to be closed at the Rail Line in response to recent multiple fatalities at this intersection. Consultation regarding the closure is scheduled to take place in April and depending on the nature of any feedback and submissions, it is hoped that the closure can be implemented early in the next financial year.

Low Cost Low Risk

Under PNCC's low cost low risk programme, there are number of road safety projects that have been submitted to NZTA for subsidized funding for the 21-24 NLTP period. The projects put forward for 21/22 are typically based around:

- Improving safety around schools;
- Walking and cycling Improvements;
- Intersection safety Improvements;
- Traffic calming.

Speed Limits Bylaw Review

In December 2020, Council approved the implementation of speed limit changes under stage 1 of the speed limit bylaw review. The changes have been in consultation over the last 2 years and involve of speed limit reductions around Ashhurst, Tennent Drive, Milson, Bunnythorpe and Pahiatua/Aokautere. Change to the speed limits are scheduled to be implemented in early April.

Initial planning is being undertaken for Stage 2 of the Speed Limit Bylaw Review which will consider:

- School Speed Limits
- Lower Speed Limits for the Palmerston North CBD
- Other changes identified through stage 1 but deferred

5. INNOVATING STREETS – WAKA KOTAHI, NZ TRANSPORT AGENCY

PNCC received funding approval for five projects under Waka Kotahi NZ Transport Agency's innovating streets project. The purpose of these projects is to trial temporary treatments which will create behaviour change and promote walking and cycling.

Main Street separated cycle ways between Pitt St and Botanical Rd

This project is to deliver a temporary cycleway on Main Street/Pioneer Highway and is aimed at encouraging more people to cycle. The design has been approved for implementation by Waka Kotahi with delivery scheduled to occur in early April.

George Street temporary road closures.

George street is planned to be closed to traffic over a series of four Sundays to trial the impact of pedestrianizing the street and prioritising public space over traffic movement. The space will be given over to local businesses and public to use.

Hokowhitu Village – streetscape improvements for pedestrians and cyclists.

This project will implement traffic calming on the roads outside Hokowhitu Village giving more emphasis to place rather than movement. The project is in design with delivery planned for May.

Ruha Street – Greenway and traffic calming treatments

This project will involve traffic calming of the street to improve the environment for pedestrians and cyclists. Community engagement is planned to be undertaken in April, with the delivery planned to occur before July 2020.

Square Edge – Placemaking Improvements

Some work to modify the pavement edge is planned in the vicinity of Square Edge to improve the environment for pedestrians. Community engagement is currently being undertaken.

6. COMPLETED WORKS**College Street Transport Upgrade**

The College St transport upgrade has now been completed. The works included indented parking and bus bays, resealing of the road as well as wider and buffered cycle lanes extending some 3.2 km from Fitzherbert Ave through to Maxwells Line.

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| ORGANISATION NAME: Rangitikei District Council |
| RTC REPRESENTATIVE: Mayor Andy Watson |

1. EMERGENCY WORKS

| Event | Start | Completion Due | Comments |
|---|--------|----------------|--|
| July-18, Turakina-3 south of Drysdale (Construction) | Mar 21 | May 21 | Resource Consent approved. Work Programmed to start in March |
| Apr-18, Turakina-2 north of Macleay's, dropout (Construction) | Mar 21 | May 21 | Resource Consent approved. Environmental controls completed and earthworks has started |

2. MAINTENANCE

This work provides for the routine care of sealed pavements to maintain their structural integrity and serviceability.

50km of reseals are programmed for this financial year. 50% Complete. Works are expected to be complete by March 2021.

3. RENEWALS

This work provides for non-routine planned periodic renewal of sealed and unsealed road pavements, drainage, and structures.

Sealed Road Pavement Rehabilitation provides for the replacement of, or restoration of strength, to sealed pavements where other forms of maintenance and renewal are no longer economic.

Rehabilitation

| Location | Length (m) | Start | Finish | Comments |
|--------------|------------|---------|---------|----------|
| Parewanui Rd | 1700 | July 20 | Sept 20 | Complete |
| Tutaenui Rd | 240 | Nov 20 | Dec 20 | Complete |

Structural Component Replacement

| Location | Start | Finish | Comments |
|--------------------------------------|--------|--------|--|
| Turakina Valley Road 3 – Culvert 106 | Jan 21 | Jan 21 | Complete |
| Kaimatawi Road - McDonnell | Jan 21 | Mar 21 | Replace wing walls |
| Koeke Road- McCarthys | Jan 21 | Mar 21 | Replace Wing Wall |
| Parawanui Rd. Paulins Bridge | Mar 21 | Mar 21 | Scour protection |
| Mangarere Road - Mangarere | Nov 20 | Mar 21 | Design protection and reinstatement of damage cable sheathing. |
| Whangaehu Beach Road- Connors Bridge | Feb 21 | Apr 21 | Design remedial works. |

4. ROAD IMPROVEMENTS

This work category provides for improvements to or upgrading of existing roads within the existing or widened road reserve.

Low cost / Low Risk Projects

| Location | Start | Finish | Comments |
|---|---------|--------|-------------------------------------|
| Spooners Hill Road and Pukemapou Road – roadside obstacles. | Jul 20 | Aug 20 | Complete |
| LED Upgrade | July 20 | Feb 21 | Complete |
| South Makirikiri School Active signage | Jan 21 | Jan 21 | Complete |
| Neumans Line RP0862 – 1102 | Nov 20 | Dec 20 | Complete |
| Pungatawa Rd. (RP6500-6840) | Feb 21 | Mar 21 | Complete |
| Network resilience work | Mar 21 | Jun 21 | Draining slip zones |
| Okirae Road bluffs | Feb 21 | Jun 21 | Awaiting geotech report |
| Jacobsens Bridge- Rock Rip Rap | Oct 21 | Jun 21 | Design works and obtain RM Consent. |

Bridges

| Bridge | Start | Finish | Comments |
|--|-----------|-----------|---|
| Bridge Capacity Assessments | Oct 20 | Apr 21 | Continuing with the programme. |
| Inspection Unit 15 bridges | 10 Sep 20 | 16 Sep 20 | Complete |
| Kuripapango (Bdy) Strengthening to HN-HO (HMPV) capacity (50:50 with HDC). | Mar 21 | May 21 | HDC awarded contract to Concrete Structures |

Mangaweka Bridge

Rangitikei and Manawatū District Councils and Mangaweka Heritage Inc. have negated a mutually agreed upon MoU for the ongoing management of the historic bridge. The draft MoU for the old Mangaweka will be presented to MDC on 17 December 2020.

Achievements to date

- Site cleared
- Completed environmental controls
- Completed Archaeological clearance
- Relocated Mangaweka water main
- Constructed foundations for both abutments
- Constructed the foundations for both Piers
- Activities to be programmed for March:
- Complete construction of Abutment Wing Walls
- Install scaffolding and shore loading around pile columns
- Steel for beams arrives in New Zealand
- Issue shop drawings
- Manufacture beams

Taihape – Napier Road

- The Draft Report is complete and a copy has been provided to the Mayor and the CE for information.
- The report was presented in December 2020 to Hastings DC and a representative of Waka Kotahi.
- The report will be presented to RDC in April, a representative of Waka Kotahi will be invited.
- In the interim the identified improvement programme has been included in the 2021-51 Programme Business Case for Waka Kotahi's consideration.

Kuripapango Boundary Bridge Strengthening; Taihape – Napier Road:

The Bridge is under the control of Hastings District Council with Rangitikei District Council (RDC) contributing 50% of the cost under a formal Boundary Bridge Maintenance Agreement.

The bridge is to be strengthened to carry full HPMV loading. The works involve the supply and installation of new deck slab panels and strengthening the existing steel members through welding additional metal to the structure.

Hastings DC called tenders and subsequently awarded a contract to Concrete Structures (NZ) Limited for \$ 894,017.00 on the 22nd December 2020.

Hastings DC has advised that the physical works and closures will commence on 1st March 2021. The bridge will be closed during the day and opened up to light traffic at night. No work is to take place on the weekend.

Hastings DC have issued a comprehensive advanced notification to stakeholders. The expected completion date is the 31st May 2021.

5. UNSUBSIDISED CONSTRUCTION

| Location | Start | Finish | Comments |
|--------------------------------|----------|--------|-------------|
| Mokai Road: Sealing 250m | April 21 | May 21 | |
| Trevelyan Street: Sealing 100m | April 21 | May 21 | |
| Edwards Street: Sealing 56m | May 21 | May 21 | |
| Cobber Kain: Design of upgrade | Feb 21 | Jun 21 | Design only |

1. MAINTENANCE, OPERATIONS AND RENEWALS

Health and Safety – Site Safety

For the January/February period, contractors have reported no serious incidents and there are no obvious H&S trends emerging in the transport teams. There is currently an increased risk of reintroduction of COVID-19 into the community and lockdowns due to new strains from the UK, SA, and Japan. These strains appear more readily transmitted, with any community transmission potentially leading back to full or partial lockdown. Site Safety plans and operations have been updated to protect against Covid-19.

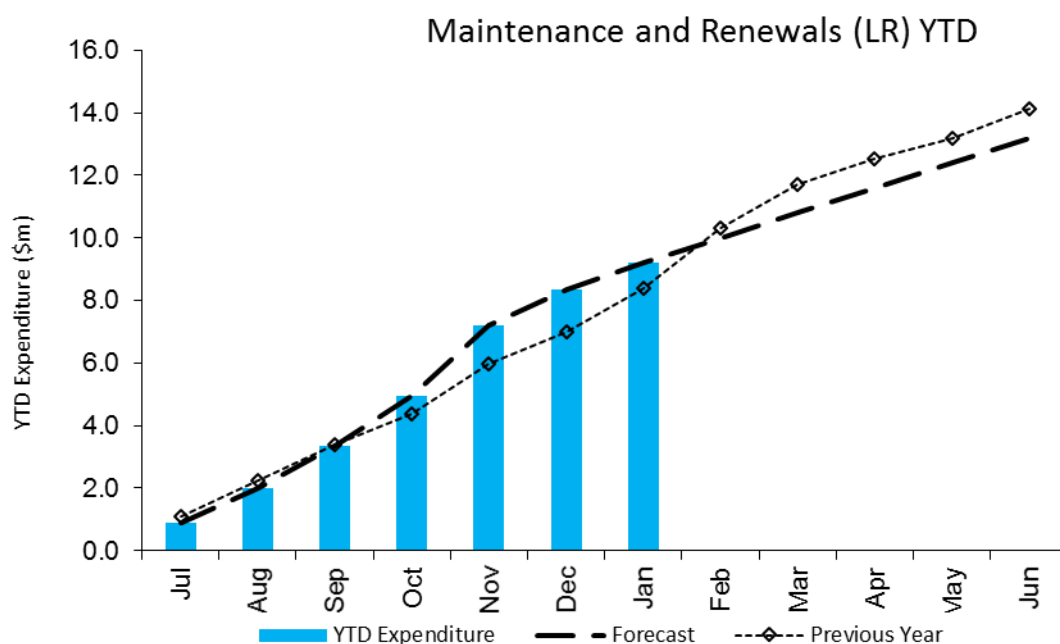
Emergency Works and Event Reinstatement Works

Funding for \$1.20M for Emergency Works has been forecast and expenditure is summarised and split between the initial response, major works and Professional Services. No events to date have occurred that meet criteria for Emergency Works funding.

However there are 19 Minor Event sites being evaluated for either construction, quality or yet to be completed. These reinstatement sites are currently estimated at \$155,745. There are further number of sites where safety fencing has been installed, with investigation, prioritisation, pricing and repair to be undertaken. Pavement reinstatement was completed on Oruakukuru Road 17.39km dropout site.

Financial YTD

The total value of subsidised work claimed and approved for the month to 31 January is \$997,070. The Subsidised Roads maintenance and renewals programme is sitting at 65.0% expenditure at 59% of the year. Expenditure is ahead due to completion of 5.1km of pavement rehabilitation, Mangaparo Rail Overbridge at 95% complete. The main activities undertaken this period were pavement rehabilitation, minor improvements, environmental works, unsealed maintenance and sealed pavement maintenance.



Capital Programme

The contractors focus on pavement rehabilitation including associated minor improvements and drainage renewal has seen spending brought forward compared to previous seasons. The pavement rehabilitation programme is benefiting from this and is currently on track or advanced in the program.

Mangaparo Road 3.78 km site bridge replacement was completed in December and large portion of earthworks was done to improve the road for this site. During January the contractor has progressed to complete the earthworks and has moved a lot of cuts to fill for the newly raised bridge deck level over the railway. The Contractor will start the pavement in early February and will be prepared in two sections for sealing the site.

Rimu Street seal extension in Ohakune has started in January with tree felling and earthworks. The site will be sealed with kerb and channel on both sides and a footpath with street lighting on the one side. This is a milestone as it completes all urban street sealing in Ohakune residential areas.

Bridge Renewal Programme

The Large Culvert Works consent is submitted and program pending Horizons clarification. The District Wide Bridge Painting consent and construction methodology are currently under review with identified works to be carried out over a number of years. GHD resource consent team are working on communications and engagement strategy for the Bridge Painting project for Horizons to demonstrate liaison with Iwi/Hapū. Emmetts have also started to investigate the replacement of four pedestrian crossings for Carters Mill Creek on Goldfinch Road, Miro Street, Ararwa Street and between Arawa and Miro Street.

Ruapehu Public Transport Pilot Project

Ruapehu District Council is working with Ruapehu Alpine Lifts, Horizons Regional Council, Waka Kotahi and DoC to secure public funding to complete the 2020 winter public Transport Pilot project. The business case was completed in November and submitted as part of the first draft of the Regional Public Transport Program 2021-2031.

If successfully funded and delivered, this project will be one of the first in New Zealand to demonstrate the outcomes from an All of Government (AOG) approach to solving transport access challenges for tourism hot spots in New Zealand. This project showcases the New Zealand Tourism Strategy, decarbonising transportation, application of the new Destination Management Guidelines and the more recent Regenerative Tourism initiative as we prepare for the return of International Tourism.

The Transport Demand Management group made up of DoC, RAL, Waka Kotahi, Horizons and RDC which meets again in March to discuss phased implementation of the new transport system for accessing Turoa and Whakapapa snow fields.

2. ROAD SAFETY

The joint Road Safety Action Plan between Ruapehu District Council, Waka Kotahi, New Zealand Transport Agency, Horizons Regional Council, NZ Police and road safety partners has been agreed and delivered across the Ruapehu for many years using the Safer Systems approach. Essentially, efforts have ensured alignment with National Road Safety campaigns and advertising calendars.

3. PGF COVID-19 RESPONSE – REDEPLOYMENT AND ACCELERATION – TRANSPORT

Council was been awarded \$1,330,000 to undertake additional projects within the district with the focus being social procurement and getting additional work going at pace to increase job opportunities. As a result of the funding GHD has recruited a cadet to do the power line ID project and other similar work, the cadet commenced work at GHD on Monday 3 August and is now engaged in formal tertiary education toward an engineering diploma.

The cycleway maintenance upgrades and tree felling projects contracts are well advanced and entering the final quarter of their contract terms. MBIE officials are pleased with the program and deliverables which has employed 15 people otherwise displaced by the economic outcomes from Covid-19.

ORGANISATION NAME: Tararua District Council
RTC REPRESENTATIVE: Mayor Tracey Collis

1. MAINTENANCE, OPERATIONS AND RENEWALS

Consistently good weather through the start of 2021 is supporting delivery of maintenance and renewal works across the Tararua District. Our Tararua Alliance team are on track to deliver all planned maintenance and renewals works by the end of June, marking the end of the 2018-21 National Land Transport Programme three-year funding block.

The programme for chipseal resurfacing is almost complete with standard sites due to be completed by the middle of March. Following on from that will be a trial of Polymer Modified Emulsion (PME) sites, which we will further assess performance of on Tararua's roads. The use of PME is expected to provide a broader weather window, benefits for health and safety and the environment, while delivering a quality at least as good as traditional cutback bitumen. The trial sites are expected to be completed by the middle of April and will receive additional inspection scrutiny over the next 12 months to allow the engineering team to assess their effectiveness.

The pavement rehabilitation programme is almost complete with one small site left on Weber Road. That team then will move to the Weber Road / Speedy Road intersection work where the intersection is being squared up and sealed to improve motorist safety.

| Category | Project | Status |
|------------------------|---|---|
| Huarahi Tūhono Project | Route 52 - 63 Section | Underway - Earthworks 50% complete |
| Rehabilitation | Route 52 - 93 Section | Complete |
| Safety Improvements | Waihi Falls / Waihi Valley Intersection | Underway - Mid April Completion |
| Rehabilitation | Weber Rd 16.5km | Due to start soon |
| Safety Improvements | Weber / Speedy Intersection | Starting after Weber Rd 16.5km |
| Rehabilitation | Weber Rd 13km | Complete |
| Rehabilitation | Weber Rd 14.5km | Complete |
| Rehabilitation | Weber Rd 3km | Complete |
| Rehabilitation | Odin St | Deferred - Reprioritised to align with future improvement works |
| Rehabilitation | Queen / Allardice St Roundabout | Deferred to 21/22 - 3 Waters Renewals requirements |
| Rehabilitation | Queen / Rawhiti St Roundabout | Deferred to 21/22 - 3 Waters Renewals requirements |
| Rehabilitation | Swinburn St | Deferred to 21/22 - 3 Waters Renewals requirements |

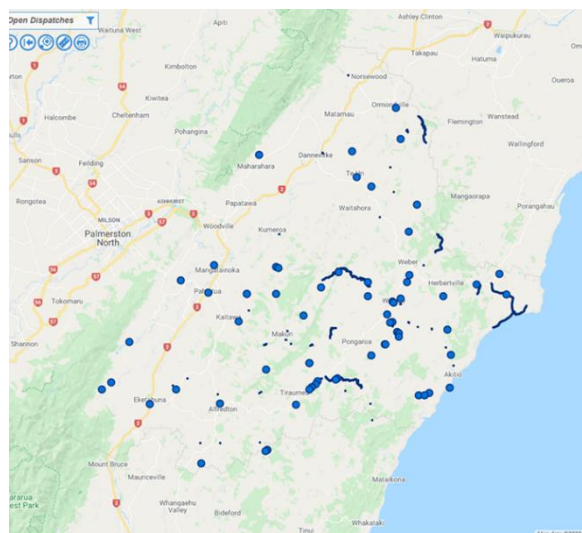
Renewal project planning now moves to 2021/22, confirming sites and commencing survey, investigation, and design work.

2. EMERGENCY WORKS

Following a severe rain event in November 2020, an emergency works funding application was submitted to Waka Kotahi to support clean-up and repairs at over 400 locations (shown in the adjacent image).

Due to current national funding constraints, we were requested to revise and reduce our funding submission to include only sites directly impacting the carriageway.

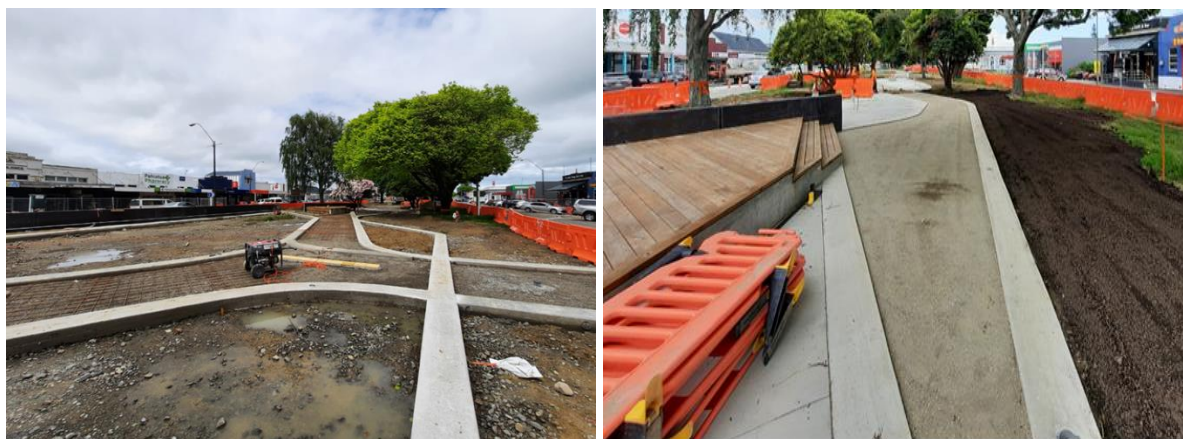
This subsequent application was approved and works are underway to address the damage caused. Ongoing monitoring of those sites not approved will be required, to ensure further damage does not impact the safety of road users.



3. PAHIATUA TOWN CENTRE UPGRADE

Construction activities continue through Pahiatua's main street, with above ground upgrades to the centre green strip starting to take shape and Pahiatua locals are starting to get a real feel for the finished product.

Positive feedback has been received regarding the stormwater gardens, and their ability to mitigate the impact of heavy rain downpours.



4. GENERAL BUSINESS

2021-24 National Land Transport Programme

Like many other road controlling authorities, our 2021-24 National Land Transport Programme funding submission is expected to be reduced due to Waka Kotahi funding constraints. With such a large road network and few ratepayers contributing to internal funding challenges, our submission was largely 'needs' based, required to meet current levels of service.

We expect costs will increase during the three-year block, as a result of significant infrastructure investment across the Manawatu-Whanganui region placing increased demand on consultants, contractors and suppliers (e.g. aggregate). This will place further challenges on our ability to meet service level expectations.

1. MAINTENANCE, OPERATIONS AND RENEWALS

An extensive number of small slips and downed vegetation dominated the rural area in the lead up to Christmas, including the Kauarapoua, and the Whanganui River Road. Some pressure was placed on our Environmental Maintenance and Minor Events budget very early in the financial year noting a very wet and stormy Spring. Dust is now prevalent in the hot spell immediately after Christmas.

Unsealed road maintenance to maintain a reasonable level of service continues to be challenging with the impact of logging activities noting current returns are high with reduced supply chain from competition overseas. The Kauarapaoa area (north of Whanganui) and particularly Denlair Road (east of Fordell) is taking substantial punishment from logging operations. An unusual step was taken in Denlair Road to leave portions of the sealed road unsealed until logging operations have ceased simply due to the significant potential cost of holding a seal intact. This is a method that may be used more often as conditions dictate, where previously very low volume rural roads are being forced to accommodate high volumes of 62 tonne logging trucks. Discussions with Forestry and affected residents on logging routes are ongoing.

The full roughness survey of sealed roads was carried out to determine smooth travel exposure (STE) across the network. The STE results are trending downwards from previous years, illustrating that current pavement funding levels are not keeping up with aging pavement stock combined with pressure from climactic events and logging pressure.

The Alliance has now adopted a traffic counting strategy, which so far this year has focussed on safety requests. A schedule of locations will now be generated to cover renewal sites for the 21/22 year and once the Forward Works field validation survey is complete, a programme for the remainder of the year and the next will be formulated based on the concepts and goals outlined in the strategy.

Pavement and surfacing renewals

Reseals were projected to begin in November then deferred to a one week timeframe in mid-December and then into January due to inclement weather. The bulk of the remaining reseal works were moved into late January/early February and are now complete.

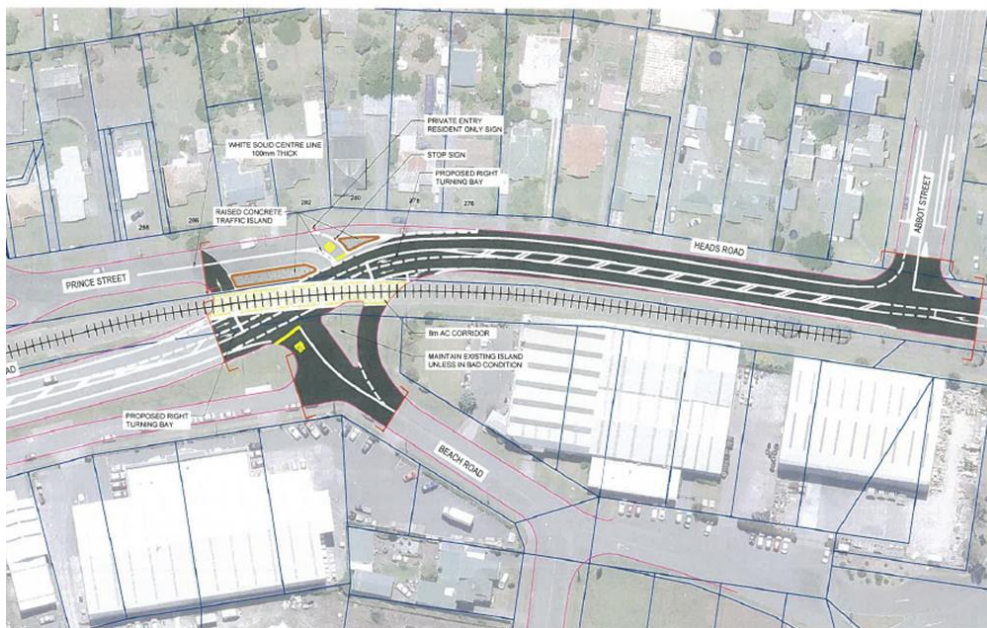
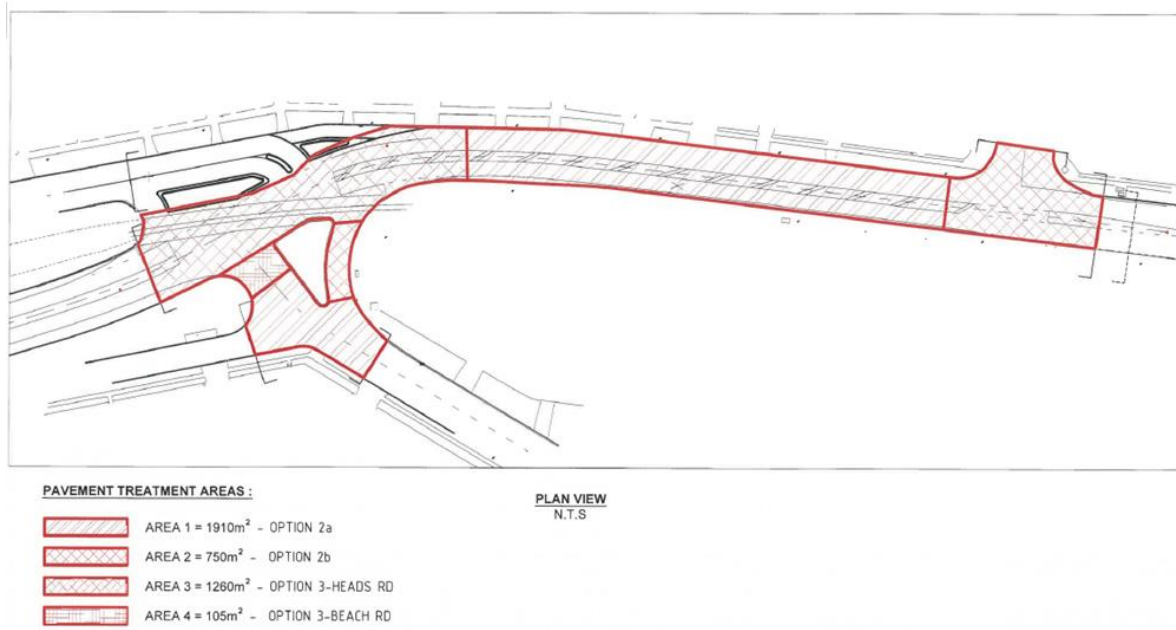
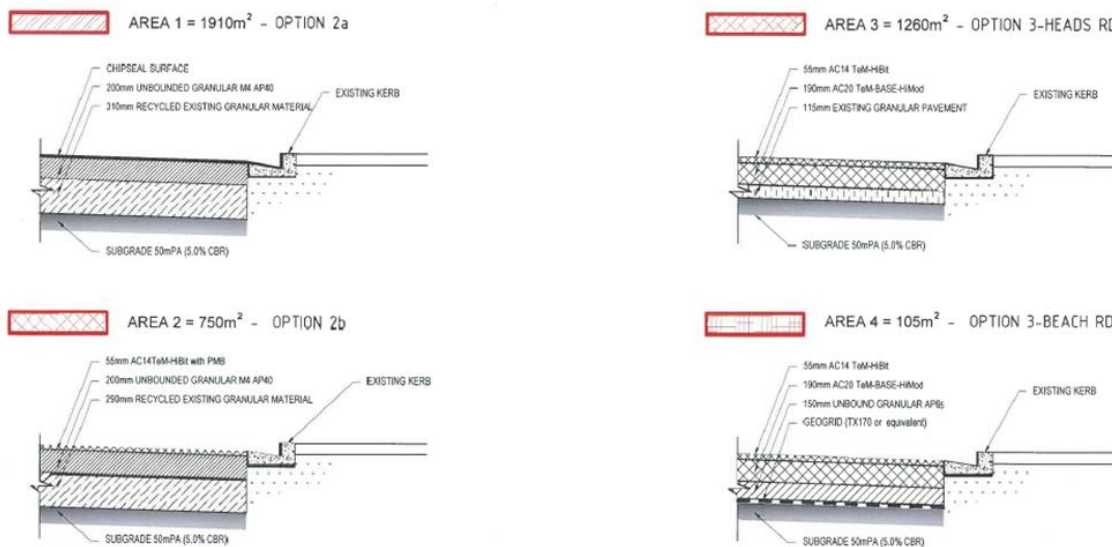


Photo: Heads Road and Beach Road Rehabilitation Site

A proposed rehabilitation of Heads Road rail crossing is programmed for completion in March 2021. The pavement areas have been dissected in order to split pavement options according to risk, to be more efficient with the structural requirements and limit cost by limiting pavement and/or recycling pavement in areas designated outside heavy wear.



Plan View: Pavement treatment areas, split according to risk and cost association.



Plan View: Option profiles of Heads and Beach Road site where areas have been ranked according to risk and cost using as much recycled material as possible to manage emissions and cost.

Drainage maintenance of rural surface water channels is an area of concern and was raised in a recent NZTA audit of our area. The RoadScience Mobile Mapper vehicle has now carried out a survey along the Whanganui River and Mangamahu Valley Roads with an aim to produce drainage profile information, determining the maintenance/improvement needs along these routes. The initial focus of the mobile mapper run was in producing survey information for the RHAB sites; with the 20/21 site data now delivered the drainage profile information will be next off the ranks.

The Whanganui Alliance is progressing a trial to better understand the effectiveness of different pavements, stabilisation products and recycled crushed concrete for use in its rural network. Initial

trials indicate that recycled and crushed concrete gives better dust control than the conventional products we source.

2. CAPITAL PROGRAMME

- LED Street Lighting upgrade – All complete.
- Whanganui Urban Shared Pathway Project (refer to Walking and Cycling below).
- Dublin Street and Victoria Avenue traffic signals were upgraded using a temporary roundabout with heavy traffic and buses detoured around it. The works were due for completion end of November, however were delayed until 3rd week of December due to electrical and concrete works abandoned in heavy inclement weather. Significant facilities were implemented to safely facilitate school children, mobility impaired and cyclists.
- Traffic signals have been completed to the Te Tuaiwi Pedestrian thoroughfare across Glasgow Street adjacent to Pak'n'Save with Kiwirail undertaking their final works to synchronise for train movements.
- **Fitzherbert Avenue Extension to Mosston Road** – Demolition and clearing works have begun including dewatering and silt control measures. Works prior to Christmas included heavy stormwater manhole installation and large pipes across proposed carriageway. Stormwater, sewer, water and utilities work is earmarked for early in the 2021 New Year, with roading works to follow including widening works along Mosston Road where Fitzherbert is proposed to intersect. Significant other development from private subdivisions proposed to front Fitzherbert has seen a flurry of interest since work has begun with numerous consents being lodged to get housing developments underway.



Photo: Fitzherbert Avenue Construction - Heavy storm water pipes and manholes being constructed underground. Dewatering taking place.



Photo: Retaining tilt slabs in place on London Street Shared Pathway link.

- **Moutoa (Pakaitore) Memorial Crossing – Taupo Quay.** Detailed design is complete and monies are confirmed in the current 2018-21 roading funding block under “City Wide Traffic Calming” in the Low Cost, Low Risk Safety Category. The proposal is to construct a raised pedestrian walkway across Taupo Quay between the Whanganui River bank and Moutoa Gardens. Copies of the Assessment of Archaeological Sites Report compiled by Archaeology North Ltd in October 2018, have been supplied to the Pakaitore Historic Reserve Board for their feedback. The board has informed us they are working on a historic project at present and the research in this archaeology report is considered extremely valuable. An application to Heritage NZ has been approved however we have been directed to consult with the Ministry of Culture and Heritage prior to beginning construction which has delayed the project.
- **Kerb and Channel/Footpath renewals.** The footpath and kerb & channel programme has continued with work in Wilson Street to accommodate the services upgrade. Harper Street and Kings Avenue kerb and channel renewal have been completed. Asphaltic Concrete surfacing to Wilson Street was completed in readiness for the Cemetery Circuit race at Christmas. Liverpool Street works have begun.

3. EMERGENCY WORKS

Emergency Works – August 2018

- Whangaehu Valley Road dropout (RP1.7km) – This fill site has been earmarked for 2021 having achieved resource consent and iwi approval for amendments to an adjacent stream, to allow full restoration of the carriageway. Rip rap rock armouring is to be installed at the toe of the fill having previously been stockpiled near the site in readiness. This project is funded 61% by NZTA. The project was deferred in late 2019 due to the use of this route as a SH4 detour.



Photo: Whangaehu Valley Road Plan View of proposed fill site

- We now have an agreement with Ngā Tangata Tiaki on the 2018 emergency works site in Jerusalem and have now secured a resource consent from Horizons. We were given permission from Waka Kotahi to roll the subsidised funding into 2020/21 to complete this site involving a rock toe revetment and soldier pile retaining wall of an estimated value of \$600k. A request for tender went out to the market prior to Christmas. Construction is being lined up for work in February noting the rock has already been sourced. The work must be completed by 30 June 2021 or the Waka Kotahi funding will be withdrawn.



Photo: Taken standing on the August 2018 Jerusalem dropout, looking over to the June 2015 completed repair

4. WALKING AND CYCLING



Let's Go Programme

- Since March 2020 many schools reacted to various levels of lockdowns and restrictions. This led to disruptions of the delivery of the Let's Go/ Mā Ake cycle skills programme. However during times of lesser restrictions under Level one, 1105 students received cycle skills training since June 2020. The forecast for this financial year is 2500 students all going well.
- Engagement – Thirty one (31) schools, (26 primary and 5 secondary schools) are engaged in Let's Go/ Mā Ake.
- Skills Training – As of end of the 2020 school year, 7705 students have gone through the scooter and cycle skills programme in the last 5 years.
- Bikes in Schools to date eight (8) schools have received funding from the Bike On NZ Charitable Trust
- The contractor (Whanganui Multisport Club Ltd) delivering the Let's Go/ Mā Ake programmes in schools, is undergoing a national accreditation process to become BikeReady (National Cycle Education System – Waka Kotahi) accredited.
- The Cycle Forward programme aims to encourage people living with arthritis to start cycling, return to cycling, or keep cycling. Cycle Forward is part of the Let's Go/ Mā Ake initiative and is a collaboration between the Whanganui District Council, Arthritis NA and the Whanganui Multisport Club Ltd. The programme is a New Zealand first trial and has been funded by Waka Kotahi NZTA and ACC and a partnership relationship with Horizons Regional Council. The current three year pilot programme may be broadened out to other centres in New Zealand.



Shared Pathways – Whanganui City Link

- **London Street Shared pathway (SH3).** Stage 2 of the project involves extension of the shared pathway down to the rail reserve including retaining walls in the section immediately north of Grey Street. The project is now complete.

- **Whanganui East Shared Pathway.** The section of existing shellrock path between the Multisport Club and Georgetti Road is to be upgraded to a 3m wide concrete shared pathway running alongside Kowhai Park and become the vital link between the bridges circuit. The design plans are complete and have been safety reviewed in preparation for construction to commence. Work is now underway and will be completed by May 2021.

Footpath renewals

- Current sites active in the city are Swiss Avenue, Harper Street, and Hakeke Street with standard renewals from asphalt, to concrete and grass berms.
- The recent footpath condition rating results have now been reviewed and a 5 year renewal programme has been developed feeding into the 3 year block allocation for 2021-24 draft programme to the Activity Management Plan.

Mountains to Sea Cycle Trail

- The 4.2km section between the proposed new Upokongaro Bridge and the Aramaho Cemetery has been sealed and the bridge is now open to the general public.



Photo: Launching of the Upokongaro Cycle bridge across the Whanganui River

- The southern end of the Mountains to Sea Cycle Trail currently terminates just short of the Whanganui Port at Gilbert Street in the Industrial zone. The remaining portion through the Port and further south to the North mole where it will meet the sea, has been delayed while the Port revamp plans are being finalised, with an application for funding assistance from the Provincial Growth Fund.
- Horizons Regional Council are planning to undertake upgrade works to the North and South Mole with significant rock armouring along the riverbank. Up to 37,000 tonnes of rip rap is required on the north mole side and is planned to take place in early 2021 subject to rock availability and resource consent approval. The termination section of the Mountains to Sea Trail will then follow within an allocated window along the river frontage to the end of the

North mole with construction deferred to the 2021/22 financial year, in order to dovetail into the Horizons construction.



Photo: Section of new Mountains to Sea Shared Pathway just south of new bridge in Upokongaro.