



Infrastructure Committee Meeting Tuesday, 16 March 2021

Date	Tuesday, 16 March 2021		
Time	following the Environmental Services Committee		
Location	Council Chamber		
	Timaru District Council Building		
	2 King George Place		
	Timaru		
File Reference	1410184		



Timaru District Council

Notice is hereby given that a meeting of the Infrastructure Committee will be held in the Council Chamber, Timaru District Council Building, 2 King George Place, Timaru, on Tuesday 16 March 2021, at the conclusion of the Environmental Services Committee meeting.

Infrastructure Committee Members

Cr Sally Parker (Chairperson), Cr Paddy O'Reilly (Deputy Chairperson), Cr Allan Booth, Cr Peter Burt, Cr Barbara Gilchrist, Cr Richard Lyon, Cr Gavin Oliver, Cr Stu Piddington, Cr Steve Wills and and Mayor Nigel Bowen

Quorum – no less than 2 members

Local Authorities (Members' Interests) Act 1968

Committee members are reminded that if you have a pecuniary interest in any item on the agenda, then you must declare this interest and refrain from discussing or voting on this item, and are advised to withdraw from the meeting table.

Andrew Dixon Group Manager Infrastructure



Order Of Business

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- 1 Apologies
- 2 Identification of Items of Urgent Business
- 3 Identification of Matters of a Minor Nature
- 4 Declaration of Conflicts of Interest
- 5 Chairperson's Report

6 Confirmation of Minutes

6.1 Minutes of the Infrastructure Committee Meeting held on 2 February 2021

Author: Jo Doyle, Governance Advisor

Recommendation

That the Minutes of the Infrastructure Committee Meeting held on 2 February 2021 be confirmed as a true and correct record of that meeting and that the Chairperson's electronic signature be attached.

Attachments

1. Minutes of the Infrastructure Committee Meeting held on 2 February 2021



MINUTES

Infrastructure Committee Meeting Tuesday, 2 February 2021

Ref: 1410184

Minutes of Timaru District Council Infrastructure Committee Meeting Held in the Council Chamber, Timaru District Council Building, 2 King George Place, Timaru on Tuesday, 2 February 2021 at 9.45am

- Present:Cr Sally Parker (Chairperson), Cr Paddy O'Reilly (Deputy Chairperson), Cr Allan
Booth, Cr Peter Burt, Cr Richard Lyon, Cr Gavin Oliver, Cr Stu Piddington, Cr
Steve Wills, Mayor Nigel Bowen
- In Attendance: Chief Executive (Bede Carran), Group Manager Infrastructure (Andrew Dixon), Drainage and Water Manager (Grant Hall), Land Transport Manager (Susannah Ratahi), Water Services Stimulus Package Manager (Ashley Harper), Governance Advisor (Jo Doyle)

1 Apologies

Resolution 2021/1

Moved: Cr Peter Burt Seconded: Cr Sally Parker

That the apology received from Cr Barbara Gilchrist be accepted and leave of absence granted.

Carried

2 Identification of Items of Urgent Business

There were no items of urgent business.

3 Identification of Matters of a Minor Nature

There were no minor nature matters.

4 Declaration of Conflicts of Interest

There were no conflicts of interest.

5 Chairperson's Report

The Chairperson welcomed the community board members. The Chair has attended the Venture Timaru AGM, the Pleasant Point and Geraldine Community Board meetings, Council and Citizenship Ceremony since the last meeting.

Resolution 2021/2

Moved: Cr Sally Parker Seconded: Cr Paddy O'Reilly That the Chairpersons report be received.

Carried

6 Confirmation of Minutes

6.1 Minutes of the Infrastructure Committee Meeting held on 24 November 2020

The Chairperson requested an update on the Marine Parade road safety.

Group Manager Infrastructure advised that discussions have been held with PrimePort and measures will be put in place with signage and traffic control devices to reduce traffic speed along Marine Parade.

Resolution 2021/3

Moved: Cr Peter Burt Seconded: Mayor Nigel Bowen

That the Minutes of the Infrastructure Committee Meeting held on 24 November 2020 be confirmed as a true and correct record of that meeting and that the Chairperson's electronic signature be attached.

Carried

7 Reports

7.1 Progress Report: Pareora Pipeline Renewal, Downlands Water Supply Scheme Upgrade, Winchester Geraldine Roundabout and 3Waters Stimulus Programme

The Committee was updated on the progress of three key infrastructure projects by the Drainage and Water Manager, Land Transport Manager and Water Services Stimulus Package Manager.

Winchester/Geraldine Roundabout

The roundabout at the Coach Road/Winchester-Geraldine Highway is progressing well and is on track, with the underground services near completion.

Pareora Pipeline Renewal

A commencement and blessing was held yesterday for the Pareora Pipeline project, as well as a briefing from an archaeologist. The pipe is ready to go into the ground and trenching has commenced. There is a tender evaluation underway for section 3 and negotiations are being held for section 2.

It was noted that construction for stage 2 and 3 will take place in the following financial year.

Downlands Water Supply Scheme Upgrade

Physical work on the raw water reservoir is underway as well as work commencing on section one. Most work will be carried out over the next financial year.

3Waters Stimulus Package

Work is on track to start on the 3Waters projects from 1 March 2021 to be completed by 31 March 2022.

Work on consenting and budget preparation is continuing.

The Arowhenua Water Treatment Plant will be designed and built on the existing site and the community are being consulted.

Resolution 2021/4

Moved: Cr Sally Parker Seconded: Cr Steve Wills

That this report be received and noted.

Carried

8 Consideration of Urgent Business Items

There were no items of urgent business.

9 Consideration of Minor Nature Matters

There were no minor nature matters.

The Meeting closed at 9.54am.

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Cr Sally Parker Chairperson

7 Reports

7.1 MyWay, Timaru's public transport service update

Author: Andrew Dixon, Group Manager Infrastructure

Authoriser: Andrew Dixon, Group Manager Infrastructure

Recommendation

That the report be received.

Purpose of Report

1 To update the Infrastructure Committee members on the progress with the implementation of the On Demand Responsive Public Transport System (DRPTS) for the Timaru Urban area. DRPTS is branded as MyWay by Metro. Environment Canterbury (ECan) officers will be presenting an update to Committee members.

Assessment of Significance

2 This project is deemed of low significance under the Council's Significance and Engagement Policy. However, the issue has significance to the Timaru Urban community who use public transport.

Discussion

- 3 The trial of the MyWay by Metro public transport service for Timaru was fully introduced in June 2020 after beginning during lockdown in April. The trial of the new concept provided public transport services to better meet the needs of the Timaru Urban community.
- 4 The service offered greater flexibility, convenience, and is not restricted to fixed routes or timetables like a standard bus service. It was designed from the ground up to suit Timaru, with a focus on ease of use, accessibility and increasing the customer experience by creating an on-demand service.
- 5 The public transport service is operated by ECan and funded through fares, ECan rates and Waka Kotahi NZ Transport Agency financial assistance.
- 6 The MyWay service patronage has continued to grow ranging regularly between 400-460 users during weekdays with several instances recorded of carrying in excess of 500 users. Almost 80,000 rides have been taken since the full service began.
- 7 The Timaru Link scheduled bus service has continued to run during this trial period. An additional school bus service was introduced to cater for student demand.
- 8 The MyWay trial has been extended until October 2021, with a decision on its future to be made in June 2021.
- 9 Many people within the Timaru community rely upon public transport as an essential service. However, for several years, the number of people using the fixed route service had been in decline, and it was clear that it was not meeting the needs of our community. MyWay was introduced to understand whether an on-demand public transport would work as an alternative to simply reducing the fixed route service.

- 10 The future funding of the MyWay public transport service requires further funding to ensure sustainability. This can be achieved through increased patronage, fare increases or greater ratepayer contribution. The issue has been raised in the ECan Long Term Plan.
- 11 It is unlikely ECan would fully reinstate the unsustainable fixed route bus, Timaru Link, service if MyWay funding does not continue.

Attachments

Nil

7.2 Progress Report: Pareora Pipeline Renewal, Downlands Water Supply Scheme Upgrade, Winchester Geraldine Roundabout, Road Construction Programme and 3Waters Stimulus Programme

Author: Lili Delwaide, Programme Delivery Manager

Authoriser: Andrew Dixon, Group Manager Infrastructure

Recommendation

That this report be received and noted.

Purpose of Report

- 1 The purpose of this report is to inform the Committee on the progress of three key infrastructure projects; the Pareora Pipeline Renewal, the Downlands Water Supply Scheme Upgrade, the Winchester/Geraldine Roundabout projects.
- 2 In addition, the report also includes progress reports for two key infrastructure programmes, the Road Construction Programme and the 3Waters Stimulus Programme.

Assessment of Significance

3 This matter is not significant in terms of the Significance and Engagement policy.

Discussion

- 4 Progress reports are attached for the Pareora Pipeline Renewal project, the Downlands Water Supply Scheme Upgrade project, the Winchester/Geraldine Roundabout project, the Road Construction Programme and the 3Waters Stimulus Programme.
- 5 The 2020/21 budgets for the above projects are:
 - 5.1 \$8 million for the Pareora Pipeline Renewal;
 - 5.2 \$25.3 million for the Downlands Water Supply Scheme Upgrade (at 100%);
 - 5.3 \$2 million for the Geraldine / Winchester Roundabout.
 - 5.4 \$5.9 million for the Road Construction Programme, including Waka Kotahi (NZ Transport Agency) subsidy.
- 6 In addition, the 3Waters Stimulus Programme has a total budget of \$6.86m for the period starting in November 2020 to March 2022.
- 7 The attached progress reports cover all aspects of the projects up until the 3 March 2021 except for the financials that are actuals as of 28 February 2021, unless indicated otherwise.
- 8 The progress reports include an overview of the project and its context as well as a detailed update on the latest progress and current status.

Attachments

- 1. 3Waters Stimulus Programme Progress Report March 2021 🗓 🖫
- 2. Winchester-Geraldine Roundabout Progress Report March 2021 🗓 🖾
- 3. Downlands Water Scheme Upgrade Progress Report March 2021 🗓 🛣

- 4. Pareora Pipeline Renewal Progress Report March 2021 🗓 🛣
- 5. Road Construction Programme Progress Report March 2021 🗓 🖾

3Waters Stimulus Programme

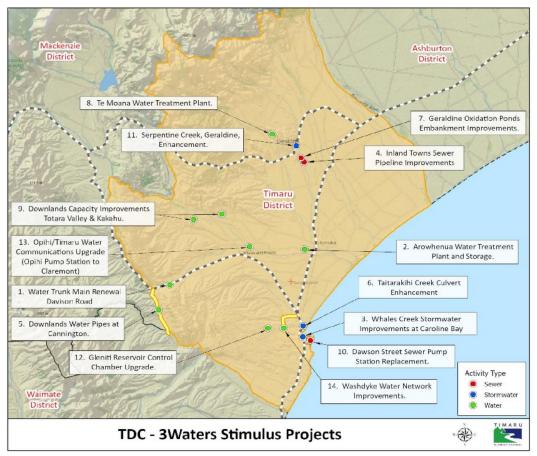
Progress report - Issue 2 - 16 March 2021



OVERVIEW

On 11 August 2019, Council agreed to sign a Memorandum of Understanding (MoU) with Government and thereby participate in the Government 3Waters sector reforms. By signing the MoU, Council will receive \$6.86m of stimulus funding for new projects.

A Delivery Plan for the new projects has been approved and contains 14 capital and assets maintenance projects located throughout the Timaru District and covering Urban Water, Rural Water, Sewer and Stormwater activities. The projects are not included in the current Annual Plan and are to encourage stimulus within the local economy. The projects must commence prior to 31 March 2021 and be completed prior to 31 March 2022.



PROJECT TEAM

Project Lead: Grant Hall - Programme Manager: Ashley Harper - Technical Officer: Judy Blakemore

\$6.86MProcurementDesignTotal Stimulus
Package FundCompleted
for 9 projectsCompleted
for 12 projectsPage 1

3Waters Stimulus Programme

Progress report - Issue 2 - 16 March 2021



PROJECT UPDATE

All projects have now been scoped and most projects are in the design and/or construction phase. Procurement is underway for 3 projects.

Project Number	Project Name	Valu e	Stage	Completion Date
1	Trunk Watermain Renewal Davison Road	\$\$\$	Physical works started by Hadlee & Brunton	Mid 2021
2	Arowhenua Water Treatment Plant and Storage	\$	Consultation with Arowhenua	Late 2021
3	Whales Creek Stormwater Improvements at Caroline Bay	\$\$	Contract Let	Mid 2021
4	Inland Towns Sewer Pipeline Improvements	\$	Design nearing completion	Mid 2021
5	Downlands Water Pipes at Cannington Area	\$\$\$	Procurement under way	Late 2021
6	Taitarakihi Creek Culvert Enhancement	\$\$	Design/Procurement	Mid 2021
7	Geraldine Oxidation Ponds Embankment Improvement	\$	Design/Procurement	Mid 2021
8	Te Moana Water Treatment Plant	\$\$\$	Design and Build Contract let to Pall Marshall	Early 2022
9	Downlands Capacity Improvement Totara Valley and Kakahu	\$\$	Design and Build Contract let to APEX Environmental	Mid 2021
10	Dawson Street Sewer Pump Station Replacement	\$\$\$	Pump Station procured. Construction tender documents in preparation.	Early 2022
11	Serpentine Creek, Geraldine, Enhancement	\$	Site work commenced	Early 2022
12	Gleniti Reservoir Control Chamber Upgrade	\$	Pipework modifications commenced by Menzies Ltd	Late 2021
13	Opihi/Timaru Water Communications Upgrade	\$	Physical works started by Industrial Controls	Mid 2021
14	Washdyke Water Network Improvements	\$\$\$	Contract Let to Rooney Earthmoving Ltd	Late 2021

LEGEND:

\$ - \$0 - \$250,000

\$ \$ - \$250,001 - \$500,000

\$ \$ \$ - \$500,001 +

3Waters Stimulus Programme

Progress report – Issue 2 – 16 March 2021



PROJECT FINANCIALS

All projects are expected to be fully funded through the 3Waters Stimulus package with the exception of:

Project 6 – The culvert enhancement is a component of the Showgrounds Development. This project is being led by the developer.

Project 8 – The treatment plant is part of the Te Moana Water Scheme Treatment Upgrade. The scheme upgrade will be funded through the 3Waters Stimulus package and co-funding from the TDC budget.

Project 14 is a separable portion of the new water trunk main from Washdyke to Mountain View Road. The co-funded portion is funded from TDC budgets.

PROJECT RISKS

The main risks to the 14 projects in the work programme are:

- Not commencing all projects prior to 31 March 2021. This risk has been mitigated by deploying 2.4 FTE dedicated staff to the Governments 3Waters Reform initiative.
- Delays to consenting and approvals. This risk has been mitigated by selecting projects with minimal consenting and approval requirements.
- Not completing all projects by March 2022. This risk is being mitigated by allocating contingency into the planning phase and by carefully monitoring progress on a regular basis.

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Winchester / Geraldine Roundabout

Progress report – Issue 5 – 16 March 2021

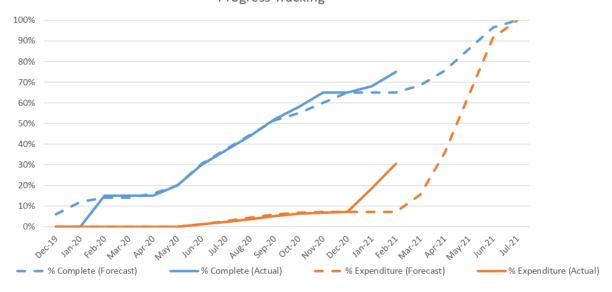
O V E R V I E W

Winchester-Geraldine, Coach, Tiplady, and McKenzie Roads intersect approximately 6km south of the Geraldine Township. This intersection has been identified as a high risk intersection by NZ Transport Agency. This outcome correlates with the high vehicle crash history at this intersection - in the last ten years there have been eight injury-causing crashes, with three of them resulting in serious injuries. As a result, this intersection has been identified as high-risk and in need of upgrading. Through the Safer Networks Programme (SNP) it has been determined that the best treatment for this site is the installation of a rural roundabout. Due to the SNP category, this work is being funded at 75% by NZTA and 25% by TDC.

PROJECT UPDATE

- Services relocation is complete.
- Civil works are progressing as per contract programme:
 - Drainage work complete
 - Perimeter Kerb and Channel complete
 - Pavement construction under way

Winchester-Geraldine, Coach, Tiplady, and McKenzie Roads Intersection Upgrade -Progress Tracking



PROJECT TEAM

Project Sponsor: Andrew Dixon - Project Manager: Adam Ward

\$2M Total 2020/21 Annual Plan Budget **\$764k** Spent to Date *(as of 28 February 2021)* **75%** Completed (as of 28 February 2021)

Item 7.2 - Attachment 2



Winchester / Geraldine Roundabout

Progress report – Issue 5 – 16 March 2021

PROGRESS PHOTOS







Downlands Water Supply Scheme Upgrade

Progress report – Issue 5 – 16 March 2021

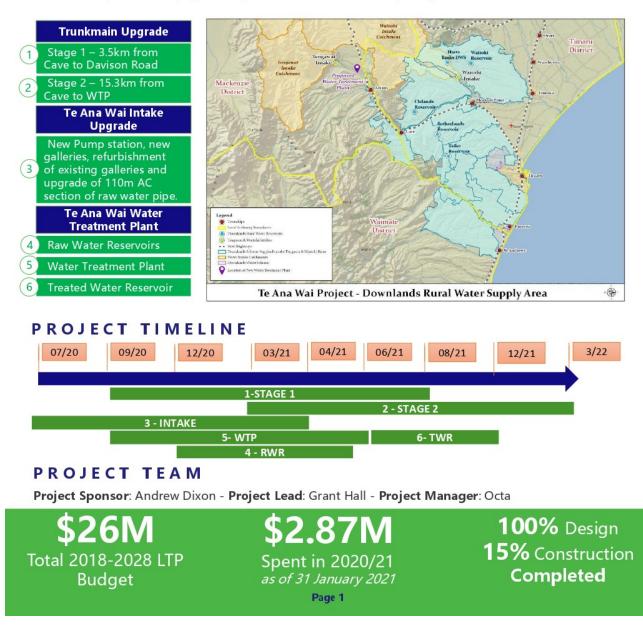


OVERVIEW

Timaru District Council manages the Downlands Water Supply Scheme on behalf of the Timaru, Waimate and Mackenzie District Councils.

The scheme currently supplies stock and drinking water to over 2,500 properties. The scheme dates back to the 1930s, and no longer complies with the Drinking Water Standards for New Zealand 2008 (Revised 2018) (DWSNZ). Parts of the asset are close to end of life. In addition the available supply is currently fully allocated.

The Scheme upgrade was approved as part of the 2018-2028 Long Term Plan, and it is now in the construction phase. The project comprises the 6 contract work packages listed below:



Downlands Water Supply Scheme Upgrade

Progress report – Issue 5 – 16 March 2021



RECENT PROGRESS

Intake – Construction of the in-river works was completed in December 2020. The out-river works and pump station construction has been awarded to Rooney Earthmoving Ltd. Construction has started and is anticipated to finish in April 2021.

Raw Water Reservoir – Construction resumed in December 2020. Top soil stripping, soil inspection and testing are in progress. The construction is planned to be completed by June 2021.

Water Treatment Plant – The Design and Construction Contract has been awarded to Marshall Pall Consortium. Design is progressing with a HAZOP Workshop completed. Most of the construction will be completed by June 2021.

Treated Water Reservoir – The Tenders and Procurement Committee approved the design and build contract for the treated reservoir in December 2020. This part of the project is programmed to be completed by December 2021.

Stage 1 Pipeline – Construction started in January 2021 and is planned to be completed in August 2021. The scope of works has been extended to replace Davison Road to Taiko Trunkmain which is funded by the Three Waters Reform stimulus fund.

Stage 2 Pipeline – Consenting was lodged in December 2020 and is expected to be granted March 2021. The contract has been awarded to Rooney Earthmoving Ltd and subject to consent being granted, the works are scheduled for April 2021 to March 2022.

	Trunkmain		Intake	WTP			Not started
	Stage 1	Stage 2		RWR	TWR	WTP	% In progress - on schedule
Prelim. Investigations							Marning
Consenting		<u>B</u> _			\checkmark		Awaiting Sign-Off
Design					ß	ø.	Completed
Procurement							
Construction	<u> R</u>		<u>8</u>	<u>B</u> _	1		
Commissioning			**				

PROJECT FINANCIALS

\$19m has been committed to date but planning delays have meant the rate of expenditure is slower than what was planned.

PROJECT RISKS

ARCHAEOLOGY & ECOLOGY – Any finding of archaeology artefacts or bones and native lizards could potentially delay the construction programme.

MATERIAL - Due to COVID-19, international supply of waterworks fittings could potentially be delayed and / or the cost of freight could increase.



Pareora Pipeline Renewal



Progress report – Issue 5 – 16 March 2021

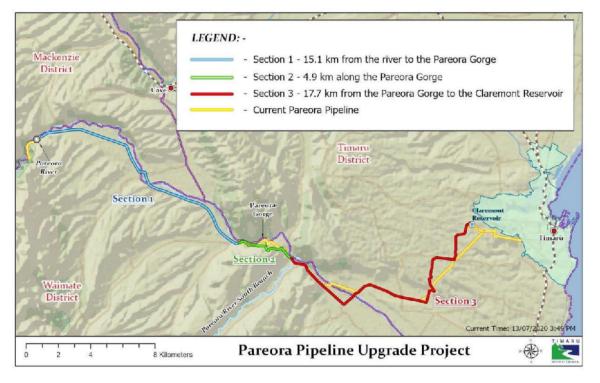
O V E R V I E W

The Pareora pipeline is a critical component of the Timaru water supply, providing the bulk transfer of raw water from the Pareora River intake to the Claremont water treatment plant and storage reservoirs. This source provides approximately 60% of water consumed in the Timaru supply on an annual basis.

The existing Pareora pipeline, installed in the 1930s, is in very poor condition in some sections. It passes through some unstable land in the Pareora Gorge, and is a significant risk to the communities' water supply if it were to fail.

In addition, the existing pipeline has a history of leakage and increasing maintenance requirements. Through the adoption of the Long Term Plan 2018-28, Council has approved the renewal of the Pareora Pipeline. Approximately 37km of pipeline needs to be replaced with a nominal 500mm diameter pipe.

For procurement purposes, the pipeline is divided onto 3 sections, as shown on the map below.



PROJECT TEAM

Project Sponsor: Andrew Dixon - Project Lead: Grant Hall - Project Manager: Selwyn Chang

\$20.9M Total 2018-2028 LTP Budget **\$1.7M** Spent (as of 31 January 2021 – 2020/21 Budget \$8M)

Page 1

Design **100%** Completed

Item 7.2 - Attachment 4

TIMARU

DISTRICT COUNCIL

Te Kaunihera ā-Rohe o Te Tihi o Maru

KEY PROJECT

Pareora Pipeline Renewal

Progress report – Issue 5 – 16 March 2021

PROJECT UPDATE

- Section 1 The contract was awarded to Rooney Earthmoving Ltd on 20 October 2020. Resource consent
 was granted in January 2021. The construction commenced in January 2021 and is expected to be
 completed in September 2021.
- Section 2 The Tenders and Procurement Committee has approved direct negotiation with the preferred supplier. The negotiation is currently in process. Construction will likely start in August 2021 subject to procurement of the material from overseas.
- Section 3 The contract was awarded to Paul Smith Earthmoving Ltd on 17 February 2021. Resource consent is currently being processed with consent expected in March 2021. Archaeology Authority was granted in 1 February 2021.

Project Stage		Status & Estimated Duration	Completion Date			
Investigations	Investigations Completed					
Consenting and Approvals	ø.	All roading authorisations and private land entries have been negotiated and agreed. The Archaeological Authority and resource consent for Section 1 has been granted. The Archaeological Authority for Section 3 has been granted. The application for resource consent for Section 3 has been lodged and is currently being processed and Section 2 will be lodged in March 2021.	2021			
Design		Design is completed for Sections 1 and 3. Section 2 requires minimal design as the lining technology will be used.	Feb 21			
Tendering	ø.	Section 1 and 3 have been awarded. Direct negotiation for Section 2 is progressing.	Mar 21			
Construction	8 .	Estimated duration: Section 1 – 40-45 weeks; Section 2 – 12-15 weeks (with liner), Section 3 – 40-50 weeks	Jan 21– Apr 22			
Commissioning		Will follow construction.				
LEGEND: 🔽 Com	pleted	🕵 In progress 🛛 💾 Not yet started				

PROJECT FINANCIALS

The project is funded by loan, within the Urban Water Supply financial accounts. The loan in turn will be financed by urban water supply ratepayers via the Uniform Annual Charge for urban water.



PROJECT RISKS

CONSENTING – Some consenting application are still ongoing, there is a risk that potential request for additional information may delay the project.

ARCHAEOLOGY & ECOLOGY – Any finding of archaeology artefacts or bones and native lizards could potentially delay the construction programme.

MATERIAL - Due to COVID-19, international supply of waterworks fittings could potentially delay the delivery of materials and / or increase the cost of freight.



TIMARU

DISTRICT COUNCIL

Te Kaunihera ā-Rohe o Te Tihi o Maru

KEY PROJECT

Road Construction Programme

Progress report – Issue 1 – 16 March 2021

O V E R V I E W

The Road rehabilitation programme is part of the Maintenance Contract 2184 with Fulton Hogan but larger sites are tendered in the open market place as individual projects. The total budget comprises budget under seal extensions, seal widening and road rehabilitations.

PROJECT UPDATE

Location	Type of work	Length	Status	Procurement				
Completed								
Route 72 – Winchester Geraldine Road	Road Rehabilitation – Foam Bitumen	2 sites Total Length 2.2km	Complete	Maintenance Contract 2184				
Arowhenua Road	Road Rehabilitation and Seal Widening	3 Sites total length 7.2km	Complete	Contract 2438				
		Ongoing						
Talbot Street Geraldine	Road Rehabilitation	620m	80% Complete (completion planned for March)	Contract Variation on Utilities Upgrade				
Muff Road – Orari	Road Rehabilitation, and seal widening	3 Sites Total Length 3.1km	Completion expected April	Maintenance Contract 2184				
Earl Road	Road Rehabilitation, and seal widening	3 sites total length 4km	Completion expected May	Maintenance Contract 2184				
Orari Back Road	Seal Extension	2 sites Total Length 4.7km	Completion expected May	Contract 2459				
Orton Rangiata Mouth Road – Rangitata huts	Seal Widening	3.5km	95% Complete.	Maintenance Contract 2184				
Planned – 2021/22								
Browne Street - Timaru	Road Reconstruction, Kerb and footpath replacement	250m	Design under review, communications development underway	Invited tender				
Levels Plain Road	Road Reconstruction	2 Sites 2.3km	Design under review, communications development underway	Maintenance Contract				

\$5.9M Total 2020/21 Annual Plan Budget

\$3.2M Spent to Date (as of 28 February 2021) 75% Completed (as of 28 February 2021)

- 8 Consideration of Urgent Business Items
- 9 Consideration of Minor Nature Matters