



INFRASTRUCTURE COMMITTEE MEETING

on

Tuesday 5 September 2017

**Council Chamber
Timaru District Council Offices
2 King George Place
Timaru**

TIMARU DISTRICT COUNCIL

Notice is hereby given that a meeting of the Infrastructure Committee will be held in the Council Chamber, Timaru District Council, 2 King George Place Timaru, on Tuesday 5 September 2017, at the conclusion of the Environmental Services Committee meeting.

Committee Members:

Cllrs David Jack (Chairperson), Paddy O'Reilly (Deputy Chairperson), Kerry Stevens, Peter Burt, Steve Wills, Andrea Leslie, Richard Lyon, Sally Parker and the Mayor.

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.

Bede Carran
CHIEF EXECUTIVE

INFRASTRUCTURE COMMITTEE

5 SEPTEMBER 2017

AGENDA

Item No	Page No	
1		Apologies
2		Identification of Urgent Business
3		Identification of Matters of a Minor Nature
4		Declaration of Conflicts of Interest
5		Chairman's Report
6	1	Confirmation of Minutes
7	5	Road Infrastructure Flood Damage Funding
8		Consideration of Items of Urgent Business
9		Consideration of Matters of a Minor Nature

**INFRASTRUCTURE COMMITTEE
FOR THE MEETING OF 5 SEPTEMBER 2017**

Report for Agenda Item No 6

**Prepared by: Ashley Harper
 Group Manager Infrastructure**

Confirmation of Minutes

Minutes of the July Infrastructure Committee meeting.

Recommendation

That the minutes of the Infrastructure Committee meeting held on 18 July 2017 be confirmed as a true and correct record.

TIMARU DISTRICT COUNCIL

MINUTES OF A MEETING OF THE INFRASTRUCTURE COMMITTEE HELD IN THE COUNCIL CHAMBER, DISTRICT COUNCIL BUILDING, KING GEORGE PLACE, TIMARU ON TUESDAY 18 JULY 2017 AT 9.15AM

PRESENT Clrs Dave Jack (Chairperson), Peter Burt, Andrea Leslie, Paddy O'Reilly, Sally Parker, Kerry Stevens, Steve Wills and the Mayor

APOLOGIES Clr Richard Lyon
Karalyn Reid - Pleasant Point Community Board
Charles Scarsbrook – Temuka Community Board

IN ATTENDANCE Wayne O'Donnell – Geraldine Community Board
Chief Executive (Bede Carran), Group Manager Infrastructure (Ashley Harper)(by telephone for part meeting), Land Transport Manager (Andrew Dixon), Group Manager Community Services (Sharon Taylor), Group Manager Environmental Services (Tracy Tierney) and Council Secretary (Joanne Brownie)

1 IDENTIFICATION OF A MINOR NATURE ITEM

The Committee agreed to consider the Washdyke familiarisation tour as a minor nature item.

2 DECLARATION OF CONFLICTS OF INTEREST

There were no conflicts of interest declared.

3 CHAIRPERSON'S REPORT

The Chairperson reported on meetings he had attended and duties he had carried out since the last meeting including the HANZ Annual General Meeting and the soft opening of a new business, as well as contacts with ratepayers on various issues and discussion with the Group Manager Infrastructure.

4 CONFIRMATION OF MINUTES – 13 JUNE 2017

Proposed Clr Parker
Seconded Clr Wills

"That the minutes of the Infrastructure Committee meeting held on 13 June 2017 be confirmed as a true and correct record."

MOTION CARRIED

5 WASTE ASSESSMENT 2017

The Committee considered a report by the Waste Minimisation Manager together with the Waste Assessment, which was separately circulated. The Committee noted that Timaru District is still a forerunner among local authorities in regard to waste minimisation and management. The Committee commended officers on the comprehensive report.

Proposed Cllr Stevens
Seconded Cllr Wills

“That the Waste Assessment be approved as the foundation for the preparation of the 2018 Waste Minimisation and Management Plan.”

MOTION CARRIED

6 GOVERNMENT ENQUIRY INTO HAVELOCK NORTH DRINKING WATER – STAGE TWO ISSUES SUBMISSION

The Committee considered a report by the Drainage and Water Manager providing an update on the government enquiry into Havelock North drinking water. A draft joint submission had been circulated, to accompany the report.

Proposed Cllr Jack
Seconded the Mayor

“That the Canterbury wide joint submission on the Government Inquiry into Havelock North drinking water – stage two issues 3 to 24, by the Canterbury Drinking Water Reference Group be approved for submission.”

MOTION CARRIED

7 WAITARAKAO (WASHDYKE LAGOON) WORKING GROUP

The Committee considered a report by the Group Manager Infrastructure informing the Committee on progress with the Waitarakao Taskforce and to indicate future issues that will need to be considered by Council.

Proposed Cllr Stevens
Seconded Cllr O'Reilly

- a “Council notes the progress of the Taskforce and continues to provide support for its operation.
- b Council notes the need for actions for improved outcomes and the resources needed to support this.
- c Council considers as part of Long Term Plan discussions, the need to potentially support future infrastructure interventions, with details to be further fleshed out over the coming months.”

MOTION CARRIED

8 PROPOSED ROAD STOPPING – UNNAMED ROAD, WOODBURY

The committee considered a report by the Land Transport Manager on a proposal to stop an unnamed road off Woodbury and Keen Roads. The Committee noted that the proposal had been considered by the Geraldine Community Board, which recommended the initiation of the road stopping process.

Proposed the Mayor
Seconded Cllr Burt

“That the Infrastructure Committee approve the initiation of the road stopping process in accordance with the Local Government Act 1974 for this unnamed and unformed road off Woodbury and Keen Roads.”

MOTION CARRIED

9 CONSIDERATION OF MINOR NATURE ITEM

The Committee agreed to complete the Washdyke familiarisation tour, at a time yet to be determined.

The meeting concluded at 9.45am.

Chairperson

INFRASTRUCTURE COMMITTEE
FOR THE MEETING OF 5 SEPTEMBER 2017

Report for Agenda Item No 7

Prepared by Andrew Dixon
Land Transport Manager

Road Infrastructure Flood Damage Funding

Purpose of Report

- 1 To consider options and confirm how the road infrastructure initial response and recovery damage repairs from the July 2017 high rainfall event will be funded.

Background

- 2 The Timaru District experienced a high rainfall event on 21 and 22 July 2017. With already saturated ground from previous rainfall, the runoff was high which caused flooding and in steep topography where the water flowed down the road, caused extensive scouring. Further damage occurred in the vicinity of streams where culverts, fords and bridges were damaged. The event necessitated the declaring of a state of emergency in the Timaru District.
- 3 The significant damage to road infrastructure was in the gorges particularly the Te Moana Gorge. Some properties were isolated for a number of days as roads were impassable until repairs were undertaken.
- 4 The costs associated with the storm event were related to two phases, the initial response during the event and the recovery repairs after the event.
- 5 The initial first response included ensuring road safety through closing roads that were impassable, road flooding advisory signs, clearing blocked road culverts and drains, roving inspections of the network identifying issues, ensuring a prompt response and reporting, including identifying the damage for repair. The cost of this initial response is expected to be approximately \$60,000.
- 6 The recovery involving the repair of road infrastructure damage has been estimated to cost \$800,000 (excl GST). The damage, photos and costs are detailed in the attached summary (Attachment 1).

Options

- 7 The initial response and repair to the road infrastructure from the July rainfall event was maintenance that is normally funded from operating expenditure. The total cost of \$860,000 of extraordinary expenditure qualifies for additional financial assistance from the NZ Transport Agency (NZTA) at our current Financial Assistance Rate (FAR) - being 53%. Therefore, the Timaru District Council's share is approximately \$404,000.

- 8 Three options have been identified to fund the Timaru District Council local share portion of the road infrastructure initial response and repair work.
- 9 Option 1 is to fund the extraordinary expenditure associated with the July rainfall event from Council Disaster Recovery fund. This would allow the normal road maintenance to continue and maintain the current level of service for the 2017/18 annual plan year. The 2015-25 Timaru District Council Long Term Plan added \$200,000 per annum to this fund for road related emergency recovery.
- 10 Option 2 is to fund the extraordinary expenditure from current road maintenance budgets. The current road general maintenance budget is \$2,295,000 that includes the NZTA financial assistance. There are also fixed costs associated with our road maintenance contract. Therefore to manage the \$860,000 rainfall event costs within existing budgets would require a significant reduction in the maintenance and subsequently the level of service of roads, particularly on low volume rural and urban roads. If this option was chosen there would be no additional financial assistance from NZTA as existing allocations will be used.
- 11 Option 3 is a combination of options 1 and 2.

Identification of Relevant Legislation, Council Policy and Plans

Land Transport Management Act
Timaru District Long Term Plan and Annual Plan

Assessment of Significance

- 12 This matter is not deemed significant under the Council's Significance and Engagement Policy.

Consultation

- 13 Consultation is not considered to be required for this matter.

Other Considerations

- 14 There are no other considerations relevant to this matter.

Funding Implications

- 15 The financial implications are outlined in the options above.

Conclusion

- 16 The July 2017 rainfall event was significant for the Timaru District that necessitated a state of emergency being declared. The event required a significant road maintenance initial response and recovery in repairing damage to road infrastructure. The total cost of this event to roading is estimated to be \$860,000.
- 17 The event qualifies for additional NZTA emergency works financial assistance at 53%, being our normal FAR.
- 18 Council must consider how the local share (\$404,000) for the roading initial response and recovery is to be funded. Three options are presented being Option 1 - fund from Council Disaster Recovery fund; Option 2 - manage within current operational expenditure budgets; or Option 3 - a combination of these.

- 19 Option 1 is recommended to maintain current level of service and performance targets in the 2017/18 Annual Plan.

Recommendation

That the road infrastructure initial response and recovery local share costs associated with the 21 July 2017 high rainfall event be funded from the Council Disaster Recovery fund.

21 July 2017 Rainfall event

Initial response – \$60,000

Photo	Details and Location
	Winchester Hanging Rock



Peel Forest Road



Spur Road – One of many trees down



Foley Road



Naughton/Kerrytown Road intersection



Naughton Road



Centennial Park



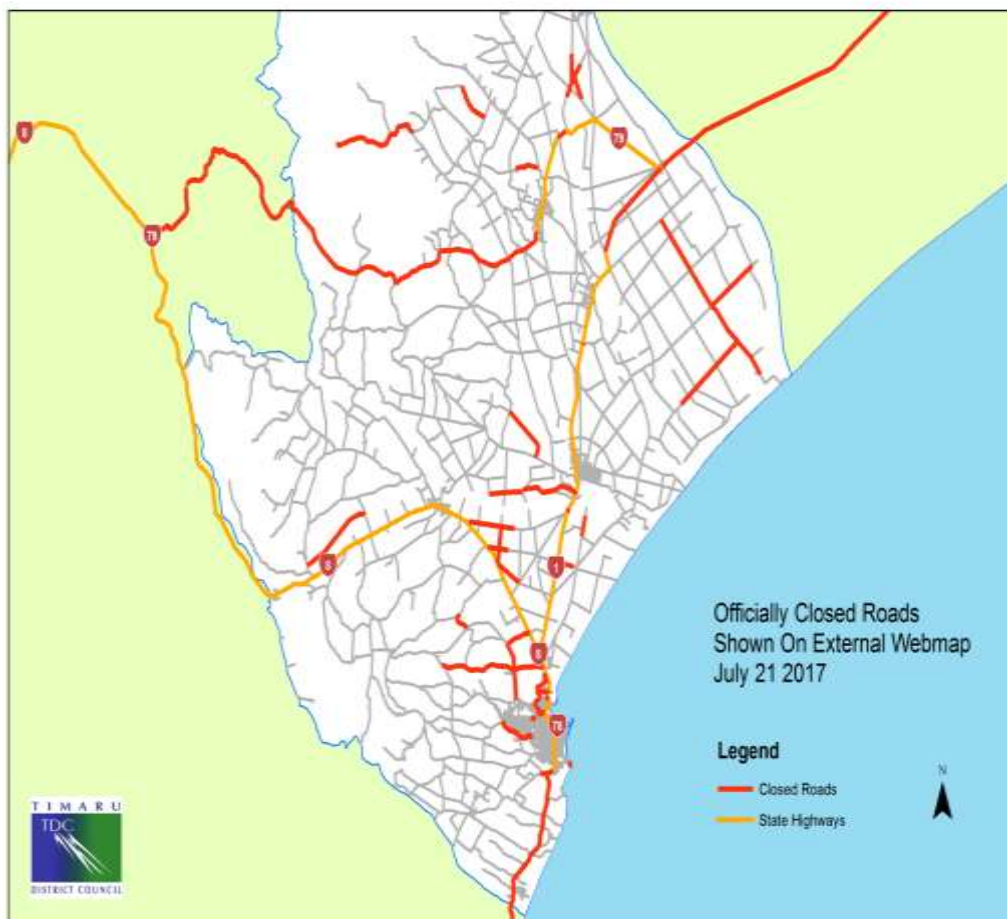
Opihi Road



Winchester Hanging Rock Road



Property flooding North Geraldine township



Map showing initial closures – this was just showing areas that were accessible at the time and only main routes were checked. Many not shown as closed were unsafe to travel on or were down to one way traffic on the centreline.

Most roads on the entire rural network had significant surface flooding and all fords were running at or above capacity.

Civil defence state of emergency declared Friday afternoon and continued in active EOC until 2pm Saturday.

Repair and Recovery Estimated total cost \$800,000

Photos	Details/Location
	<p>Some 3000 culverts to check and unblock through movement of flood gravels, scouring on banks, both sealed and unsealed.</p> <p>Orton Rangiatata Mouth Road – this is an example of common culvert damages.</p>



Sercombe Road -
Bridge abutment wash out



Example of roadside culverts, surface water channels and back drains have this issue



Goodwin Road



McKeown Road



Road Scours both sealed and unsealed.

Kerrytown Road



Clark Road Culvert –
indicative of culvert
problems to remedy on the
network.





Debris removal upstream of bridges and fords, initial checks of bridge safety.

Pudjeck Road Ford – example of numerous ford and bridge sites with significant debris to be cleared.

Manse Bridge - Debris



Rangiatata Gorge Road

Damage includes

- slips
- multiple scour sites
- bridge/river works in every stream including significant dozer work in both Forest Creek and Lynne Stream.
- Three drop outs on edge of road that require gabion baskets for retaining purposes.
- 156 tonne of rock was extracted from culvert pictured below

Sole access route – feeds many stations and Te Aroha Walkway and DOC estate.



		<p>Te Moana Road</p> <p>See separate pdf for extent of works including;</p> <ul style="list-style-type: none"> • culvert wash outs and installations, • multiple ford cleaning. • Removal of two fords that caused major washout of road (pictured below) • Construct new resilient basic access in hillside <p>Access took 3 and a half weeks to restore, with permanent residents walking over 5km each way from the end of rough “drivable” access to home.</p>
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The Terrace – Timaru,

- Slip face undermining footpath currently with potential to undermine road.