

STAFF REPORT

TO: Chairman and Members, Engineering Services Committee
FROM: Roger Ashworth, Transportation Manager
REFERENCE: F351
DATE: 25 August 2008
SUBJECT: **EMERGENCY EVENT FUNDING**

1 PURPOSE

To seek the Committee's approval to apply to the New Zealand Transport Agency and to Council's Disaster Fund for funding of recent storm events.

2 BACKGROUND

During July and August there have been several events which are having a cumulative effect on the roading network. These have included heavy rainfall events, snow in early July and mid August and wind storm/heavy rain/high tides at the end of July.

The immediate response is work that has been completed or is committed for reinstatement or tidy up and has been undertaken to allow traffic to safely use the network and to protect the asset from further damage. Some of the damage such as slumping requires that detailed investigation and design be undertaken before construction to reinstate the integrity of the road. This is categorised as planned work.

The majority of work has been an immediate response with a continuing clean-up on the network from the events.

A summary by the three contract areas for each of the categories is given in Table 1 and allowance for professional service fees is included.

	Immediate Response	Planned Work	Total
Golden Bay	\$59,000	\$100,000	\$159,000
Waimea	\$709,000	\$65,000	\$774,000
Murchison	\$263,000	\$0	\$263,000
Total	\$1,031,000	\$165,000	\$1,196,000

A break down by contract area for each of the major event types is:

Golden Bay Contract Area

Heavy rain storm events in July:	\$17,000
Wind / rain and tidal damage July 30 – August 3	\$4,000
Heavy Rain Storm Events August	\$38,000

Slumping on Abel Tasman Drive (Planned Work) \$100,000

The slumping on Abel Tasman Drive is two sections of 30m and 40m near the bottom of the hill coming into Wainui Bay. The initial assessment is this has been caused by undermining due to extreme tides and construction of a rock toe and batter is the most likely cost effective solution.

Waimea Contract Area

Heavy rain storm events in July	\$46,000
Wind / rain and tidal damage July 30 – August 3	\$231,000
Tidal damage and replacement Kina Beach Road	\$165,000
Snow Storm event August	\$78,000
Heavy Rain Storm Events August	\$189,000
Planned Works	\$65,000

Some of the more significant costs on individual roads include:

Clearing 2 km of wind blown trees from the Korere Tophouse Road - including a manned road closure for four days	\$67,500
Clearing trees and slips on the Motueka River West Bank Road	\$23,000
Clearing trees and slips from the Wairoa Gorge Road	\$12,000
Reinstating 120 m of Kina Peninsula Road which was washed away in high tides. This includes the replacement of a timber wall, that was destroyed by the tide, with rock work	\$165,000
Further snow and tree clearance on Korere-Tophouse Road	\$59,000
Snow and tree clearance on Tadmire Glenhope	\$38,000
Slips and tree clearance on Motueka Valley Highway	\$21,300
Moutere Highway	\$16,900
Flooding and scour on Mt Heslington Road	\$6,200

In total there are 58 roads on which works have been listed as being undertaken by the contractor in August in addition to the 27 roads directly affected on 30 & 31 July by wind.

Planned work is a retaining wall on Aniseed Valley Road where slumping has occurred and could cause closure of the road.

Murchison Contract Area

Snow storm event July	\$50,000
Heavy rain & wind events in July	\$22,000
Snow Storm event August	\$191,000

In July \$35,500 was spent on clearing mainly trees and some snow from the Maruia Saddle Road. Following the August snow storm we are waiting for natural snow melt but are expecting a similar amount to be spent on clearing trees and tidy up. In the St Arnaud area snow and tree clearance costs total \$41,000. Clearing various valley roads such as Howard, Gowan, and Matakitaiki ranged from \$11,000 to \$23,000 each.

On Saturday 16 August Fulton Hogan's Murchison staff organised the transporting of some 25-30 Nelson College pupils and staff from the Matatitaki Lodge to Murchison and then through to a bus at Kohatu, in their own 4WD vehicles as buses were unable to reach the lodge on the Friday or across the Hope saddle on the Saturday.

Photographs of some of the effects on the network are appended.

3 FUNDING

The financial assistance rate (FAR) at which NZTA funds emergency event works varies according to the total of such funding approved for the year and the Councils total general rate. There may be a small increase in the FAR if NZTA approves the funding requests.

For the Council's share of funding in any one year, the first \$100,000 is to be covered by the Transportation Activity account. This has not been deducted from the above amount. It should be noted that there has been other small incidents which are paid under the emergency event category, but because they are not associated with a large scale/ widespread event they are not included in the above totals.

4 RECOMMENDATION

- 4.1 That Council makes application to New Zealand Transport Agency for funding to cover reinstatement of damage to the roading network from storm events in July and August 2008 for the sum of \$1,196,000
- 4.2 And that the Councils share of approved funding is met from Council's emergency reserves account in accordance with the General Disaster Reserve fund policy.



Roger Ashworth
Transportation Manager



Wainui Slump



Birds Road



Rameka Creek Road



Kerr Hill Road Trees



Kina Peninsula Road



Kina Peninsula Road reinstatement progress



Hinetai Road



Korere-Tophouse Road



Tophouse Road



Maruia Saddle Road – typical of tree damage around Murchison



Maruia Saddle Road – snow damage



Matakitaki Road



Braeburn Track