

STAFF REPORT

TO: Chair and Members, Engineering Services Committee

FROM: Gary Clark, Transport Manager

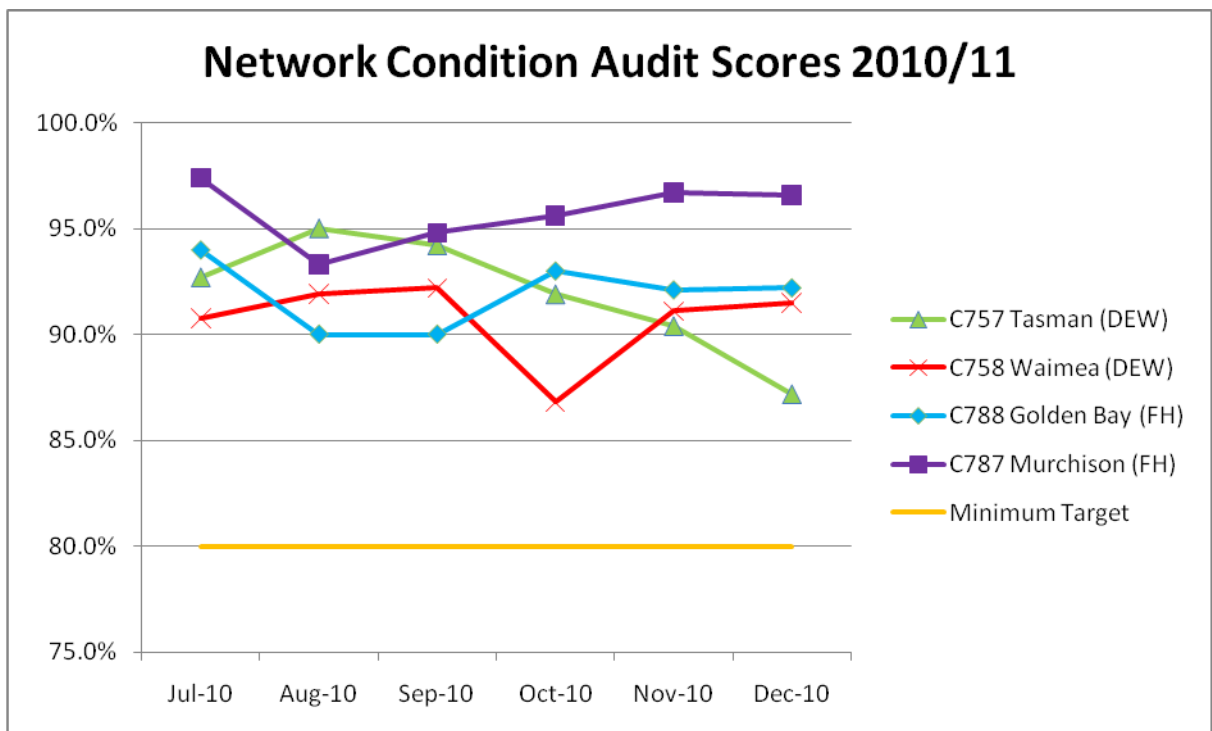
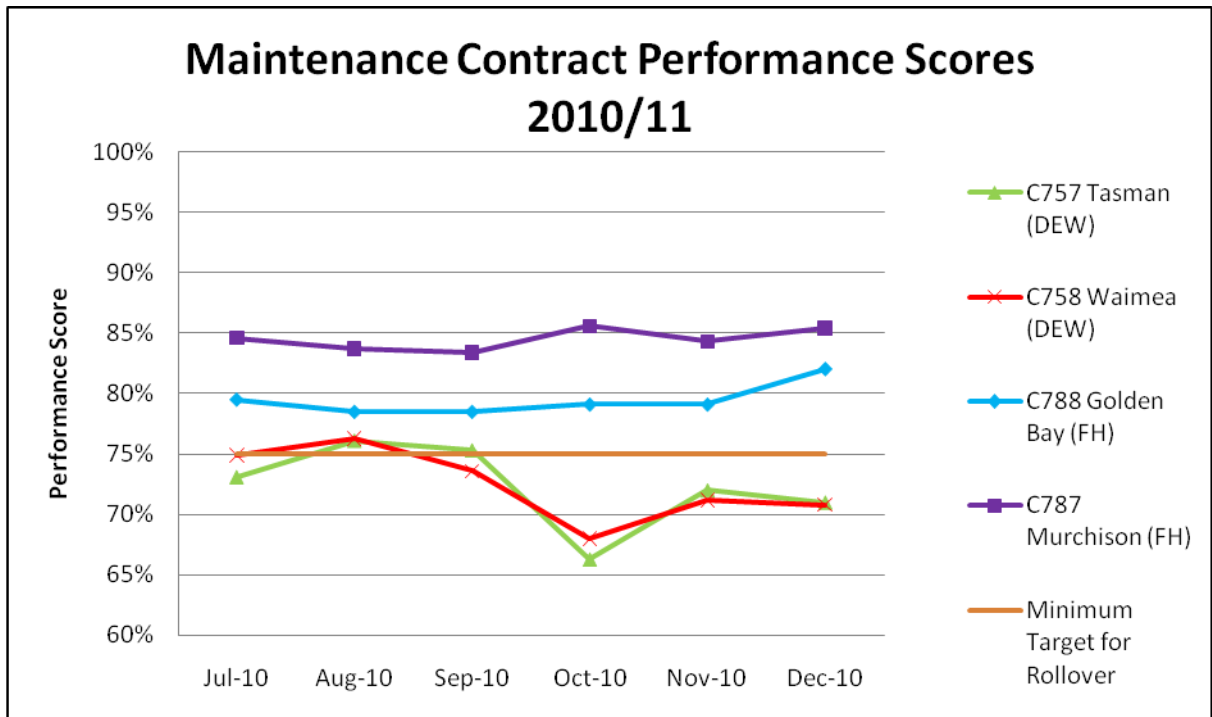
DATE: 4 March 2011

SUBJECT: **Transportation Monthly Report – RESC-11-03-02-INF**
Report prepared for meeting of 17 March 2011

1 MAINTENANCE OPERATIONS

- 1.1 Maintenance of the network remains at a high standard and now with damper conditions, gravel roads will be able to receive greater attention. Past flood damage with the exception of bridge replacement has been completed and the recent flooding in Golden Bay had a minor impact on the roading network. The one-in-four year event closed some roads for a short time.
- 1.2 The Christchurch earthquake has resulted in some of our contractor's equipment and manpower being moved south. However, due to the time of the year this will have little or no effect on their ability to manage the network. This is being carefully monitored to ensure all operational and maintenance matters are being completed.
- 1.3 **Tasman Maintenance (C757) and Waimea Maintenance (C758)**
Both these contracts are in their second year with Downer as the contractor. Although the quality of the physical work being undertaken is generally very good some performance issues remain, including inspections and programming particularly with customer service requests. The contractor has appointed a new management team to these contracts and some improvement is evident.
- 1.4 **Golden Bay Maintenance (C788)**
This contract is held by Fulton Hogan who maintain the network to a good standard with fairly constant performance scores.
- 1.5 Christmas flood damage repairs to the road network have been completed with exception of bridge replacements.
- 1.6 **Murchison Maintenance (C787)**
Fulton Hogan also hold this contract and again they maintain the network to a high standard. The substantial 28 December 2010 storm damage repairs have been completed quickly. This difficult time was managed and completed with minimal supervision and the contractor has been congratulated on their excellent work.

2 Contractors performance



3 Renewals

3.1 Pavement Rehabilitation

A total length of 3.7km of pavement rehabilitation is planned for completion on the sealed network in 2010/2011. The Annual Plan length was between 6 to 8 km, however it is becoming increasingly difficult to meet New Zealand Transport Agency funding criteria under this work category.

3.2 Contract 809 for pavement rehabilitation was awarded to Tasman Civil in November 2010. The contract completion date is 25 March 2011 and the contractor is on programme to meet this date. The sites to be completed are:

Road	Start (km)	End (km)	Length (m)	Status
Bartlett Road	0.285	1.185	900	Complete
Central Road	1.020	1.370	350	Not started yet
Waimea West Road	3.850	3.930	80	Complete
Church Valley Road: (No. 1)	1.910	2.660	750	Under construction
Church Valley Road: (No. 2)	3.710	4.800	1,090	Not started yet
Motueka Valley Highway (carried over from 2009/10)	40.960	41.460	500	Complete

3.3 Sealed Road Resurfacing

A programme of approximately 70km of reseal sites has been confirmed for 2010/2011. These are 65% complete and on track for completion by March 2011. 2010/2011 is the second and final year of C771 held by Fulton Hogan, which comprises resurfacing in Tasman, Waimea and Murchison areas. A new contract will need to be prepared and tendered this year. Resurfacing in Golden Bay is included in contract 788, Golden Bay Roading Maintenance.

4 ASSET MANAGEMENT

4.1 A number of key asset management projects are completed or underway including:

- RAMM condition rating for footpaths, walkways and carparks is complete.
- Falling Weight Deflectometer Testing (pavement strength) – test pit validations are in progress.
- High Productivity Motor Vehicles (HPMV) – identification of routes, and approval of New Zealand Transport Agency funding for analysis. The analysis of routes is underway and due to be completed in March 2011.
- List of sites for SCRIM (measurement of skid resistance) and HSD (high speed data) survey has been developed with testing to be undertaken this year.
- The T3 software has been used to show forward work programmes pictorially utilising the RAMM centreline and GIS link, identifying possible conflicts and opportunities with other programmed works such as utility upgrades and installations.

4.2 Preparation and submission of the National Land Transport Programme for 2012/2015 will be undertaken during 2011/2012 and it is important that all condition and performance surveys available to support the funding application to the New Zealand Transport Agency are completed during 2010/2011. The table below lists the type of survey and/or analysis planned in 2010/2011 and updates progress to date.

TYPE	Timing	Progress
SCRIM and High Speed Data Testing and Analysis	November 2010 – March 2011	On track. List of sites provided to SCRIM and HSD tester.
Forestry Harvesting Update and Impact on the Network	January – March 2011	On track
Recommendations for Future Pavement Rehabilitation	March – June 2011	Planned for March
dTIMS Pavement Performance Modelling and Reporting	May - June 2011	Planned for May
Streetlight Asset Condition Assessment	May – June 2011	Being scoped

4.3 Various Pedestrian Improvements

A contract for various pedestrian improvements around Richmond including in front of Ranzau School is to be tendered this month. Consultation has been undertaken and the works include:

- Improvements in front of Ranzau School for pedestrians crossing between the Church carpark on the opposite side of the road where parents park and the school;
- Wensley Road and Surrey Road intersection realignment and pedestrian improvements;
- Wensley Road and Waverley Street intersection pedestrian refuge and improvements;
- Hill Street pedestrian refuge between Riding Grove walkway and Reservoir Creek walkway leading to several schools;
- Edward Street at Queen Street - pedestrian refuge and kerb realignment on the north western corner;
- Edward Street at William Street - pedestrian refuge and kerb realignment on the south western corner;
- William Street - relocation of the existing school pedestrian crossing (due to school frontage carpark) and upgrading lighting to allow safe use during hours of darkness;
- Croucher Street and McGlashen Street - pedestrian improvements with a central refuge on Sundial Square at Croucher Street intersection and kerb build-outs to improve visibility for the existing refuge island on Croucher Street by Pak & Save;
- Queen Street at Cambridge Street – realign pedestrian crossing point and install a central refuge island.

4.4 The work will include upgrade of existing pram ramps where appropriate and inclusion of tactile pavers.

4.5 Crescent Street closure is not included in this work. This project will be reported to the April Engineering Services Committee.

4.6 Moutere Highway Seal Widening – Curve Shoulders

A contract was let to CJ Industries of Motueka for the sealing of the shoulders of a number of curves on Cuts Hill (between Redwood Valley Lane and Old Coach Road) to provide drivers with additional seal width to recover if they have mis-judged the speed of a curve.

4.7 Orion Street Seal Extension – Golden Bay

This road was sealed for a distance of 300 metres during January 2011 by Fulton Hogan. The seal was instigated by resource consent and eliminates the dust nuisance that residents, the primary school and the early child care centre had to endure.

4.8 Stringer Road

The work is being undertaken by Dust Diggers with Fulton Hogan as the subcontractor. The section of state highway at the intersection has now been upgraded and marked with a right turn bay and additional seal width on the Stringer Road side for left turning traffic. The earth works for extending the carriageway to the road end is progressing. The pavement is being completed in sections with the entire road to be sealed in one operation. The contract is progressing well and to programme but is requiring additional supervision by the consultant MWH.

5 ROAD SAFETY COORDINATION

5.1 Motorbikes

To date seven upskilling and refresher training courses have been held during this financial year and another two courses are planned for April. Of the first seven courses, five were held on off-road training venues and two were on-road training. Aimed at different riders from college students on 50cc scooters to those who have been riding 40 plus years, each course was fully subscribed and good feedback was received from each rider. The next courses are on 2 and 3 April 2011.

5.2 A new off-road training venue had to be found. During the February courses the Trafalgar Centre in Nelson and kart track on the Moutere Highway were trialled

5.3 Promotion of these courses and the Top of the South Motorbike Safety Plan has been extensive and covered local print, the web and radio and also some national publications.

5.4 A flyer and poster has been produced in partnership with ACC to promote the training courses and these have been widely distributed through all motorbike shops, local motorbike clubs and other outlets.

5.5 Bike Wise

Go by Bike Day breakfasts were held in Richmond, Motueka, Golden Bay and Murchison. In Motueka about 110 cyclists took part with around 200 in Richmond. Seventy cyclists of all ages, including an 80 year old, took part in Takaka. Fifteen

turned up at the Murchison office and over 50 students and teachers from Murchison Area School, along with the local police officers, took part in a ride after breakfast.

5.6 Mayoral Challenge Family Fun Rides were held in Takaka, Motueka and a joint Richmond/Nelson ride. In Takaka 121 people cycled, with ages ranging from a 3-year-old to an 80-year-old along with another 30 people who supported their families. The route was changed for Takaka which meant cyclists did not have to travel along the state highway. Central Takaka School were involved with a fund raising sausage sizzle and selling juices. The half-way point at the Central Takaka Domain was a good location with lots of room and shade for cyclists to recover. Just over 150 cyclists took part in the Motueka ride, and for once the weather stayed dry. At both rides the new Way 2 Go cycle skills course was enthusiastically used by all ages. Local support was provided by Councillors, community board members, the Police, recreation groups and people from the community.

6 TENDERS

No.	Contract name	No. of tenders	Successful tenderer	Amount	Highest amount	Council estimate	Budget for this item	Comment
822	Stringer Road completion	1	Dusty Diggers	\$1,123,253	-	\$1,106,750	\$1,545,000	
823	Moutere Hill Shoulder Widening	5	CJ Industries	\$309,300	\$478,035	\$442,270	-	Funded over two years from the Minor Improvements Budget

7 RECOMMENDATION

THAT the report RESC-11-03-02-INF, Transportation Monthly Report be received.

Gary Clark
Transportation Manager