

Report No:	RESC11-10-09
File No:	
Date:	13 October 2011
Information Only – No decision required	

REPORT SUMMARY

Report to: Engineering Services
Meeting Date: 27 October 2011
Report Author: Gary Clark, Transportation Manager
Subject: Transportation Report

EXECUTIVE SUMMARY

This report details activities in the Transportation area.

DRAFT RESOLUTION

THAT the Engineering Services Committee receives the Transportation Report, RESC11-10-09.

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1. Operations and Maintenance Contracts

1.1 Tasman Maintenance C757

Items completed in July and August include:

- Cleanup of numerous slips and fallen trees associated with bad weather.
- 913 lane-km of ice gritting.
- 48 km of grading.
- 5.3 km of watertable improvements.
- 2,600 m² of surface watercutting to remove flushing at pre-reseal repair sites.
- Start of post-winter repairs at pre-reseal sites.
- Installation of culverts at Mt Heslington Road, Brooklyn Valley Road, Easton Loop.

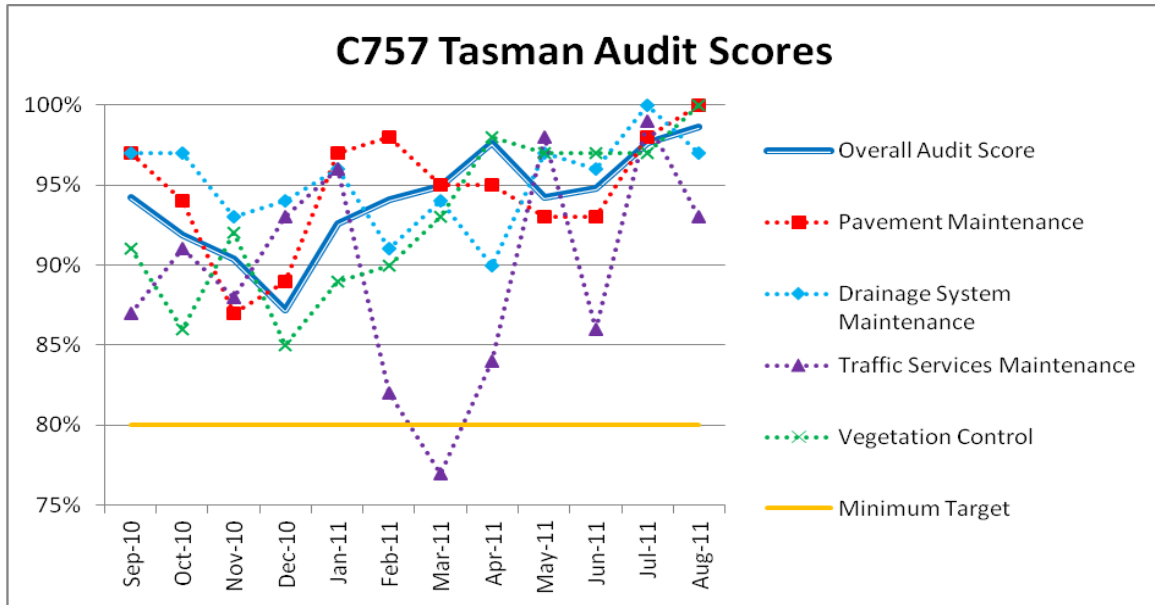


Sign upgrades at Clover Road/Paton Road intersection

1.2 Items underway and/or programmed for completion in September-October 2011 include:

- completion of pre-reseal repairs for 11/12 reseal sites.
- programming of sites for partial remark.
- programming of pre-reseal repairs for 12/13 reseal sites.

1.3 The results of recent MWH audits of the network condition are shown in the following chart.



1.4 The overall network condition based on audit samples is generally very good and reflects Downer’s commitment to achieving contractual requirements.

1.5 Waimea Maintenance C758

Items completed in July and August include:

- Cleanup of snow, numerous slips and fallen trees associated with bad weather.
- 948 lane-km of ice gritting.
- 186 km of grading.
- 650 m² of surface watercutting to remove flushing at pre-reseal repair sites.
- Start of post-winter repairs at pre-reseal sites.
- Widening at narrow bluffs section of Baton Valley Road.



Snow on Kerr Hill Road

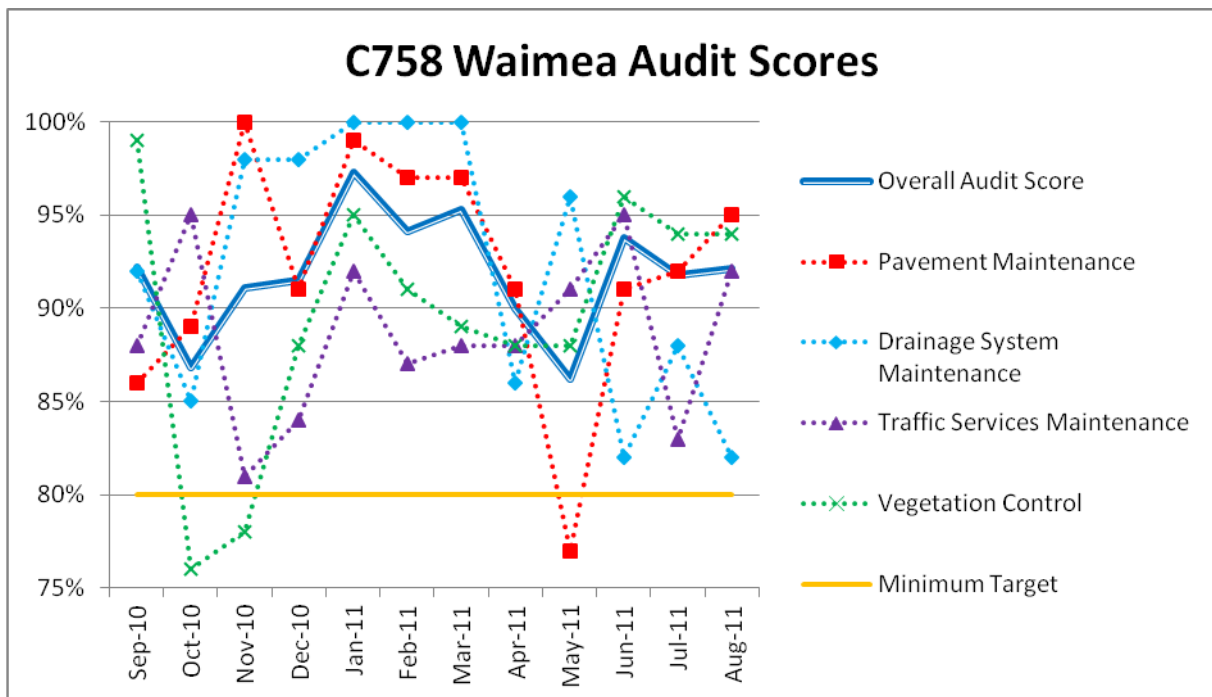


Widening at Baton Valley Road

1.6 Items underway and/or programmed for completion in September-October 2011 include:

- completion of pre-reseal repairs for 11/12 reseal sites
- programming of sites for partial remark
- programming of pre-reseal repairs for 12/13 reseal sites
- stock road water table and drainage improvements.

1.7 The results of recent MWH audits of the network condition are shown in the following chart.



1.8 The overall network condition based on audit samples is well above minimum targets, although more work is required on drainage maintenance to return the network to its pre-winter condition.

1.9 Golden Bay Maintenance C788

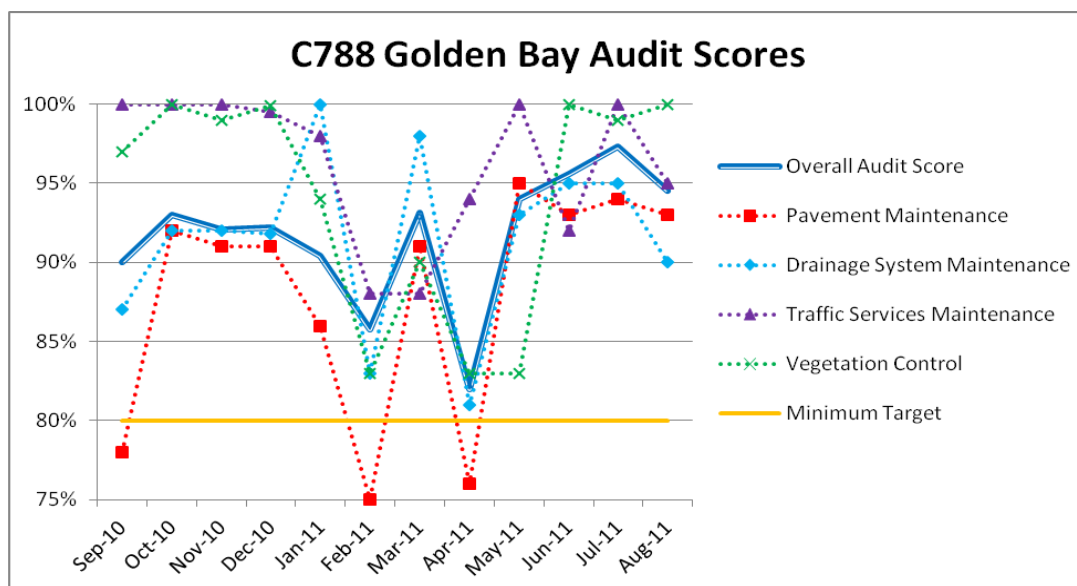
Items completed in July and August include:

- 71 km of high-cut mowing.
- 137 km of grading.
- 435 m³ of maintenance metalling.
- Pavement repairs.
- Pest plant spray.
- Snow and ice patrols and 63 lane-km of ice gritting.
- Snow removal following storm events.
- Drainage upgrades along Collingwood-Bainham, Onehau, McCallum, Glenview and Canaan Roads.
- Flanking of high shoulders on Collingwood-Puponga and Bainham Roads.
- Various routine bridge maintenance items.

1.10 Items underway and/or programmed for completion in September-October include:

- Continued culvert upgrades to undersized or damaged pipes around the network.
- Continued pavement repairs to pre-reseal sites.
- Prep and seal at nuisance gravel migration areas.
- Unsealed road metalling.
- Water channel maintenance.
- Programming of partial remark.

1.11 The results of recent MWH audits of the network condition are shown in the following chart.



1.12 The network as a whole is in an acceptable standard. Pavements scored similar to previous months. Vegetation maintenance is being maintained well. Drainage is slightly down from last month due to some water channels and blocked inlet/outlets to culverts being noted. The contractor has these locations programmed to be cleaned in the coming weeks. Traffic services were only down slightly due to pavement marking not being reinstated on pavement repairs as required

1.13 Murchison Maintenance C787

Items completed in July and August include:

- Cleanup of snow, numerous slips and fallen trees associated with bad weather.
- 310 lane-km of ice gritting.
- 114 km of grading.
- 2,970 m³ of maintenance metalling.
- Tutaki Road South structural gravel overlay and drainage improvements.
- Culvert replacements and rock armouring near the bridge on Fern Flat Road.



Snow at Holland Street, St Arnaud

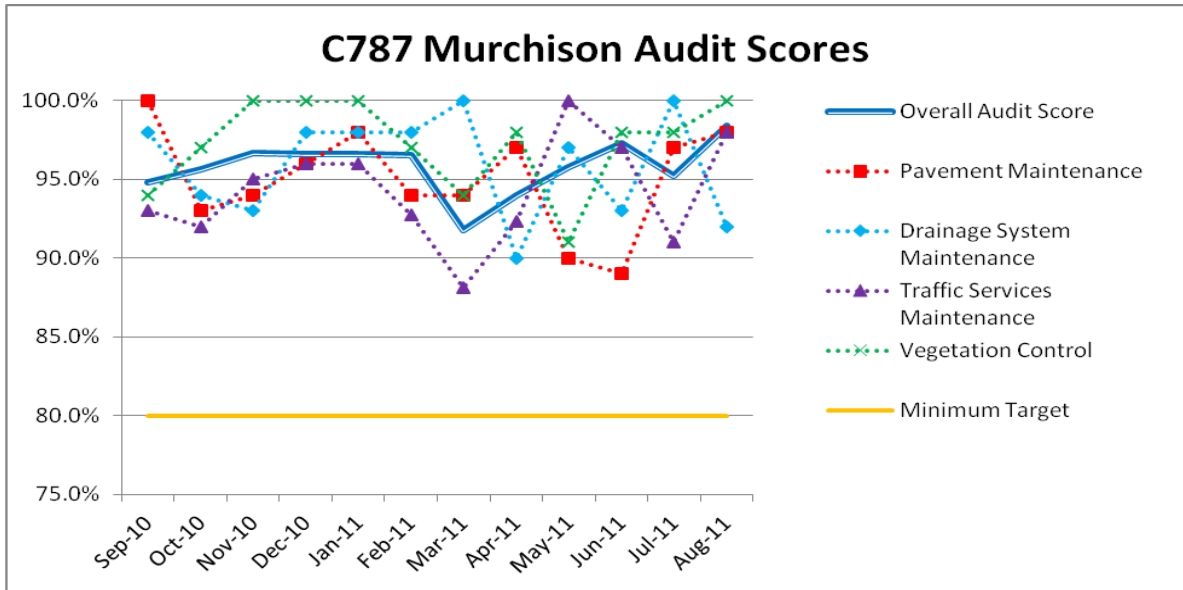


Braeburn Track, Rotoroa area

1.14 Items underway and/or programmed for completion in September-October 2011 include:

- Gowan Valley Road culvert and water table improvements and tree trimming.
- Mangles Valley Road water table improvements.
- Completion of Tutaki Road South metal overlay.
- Programming of sites for partial remark.

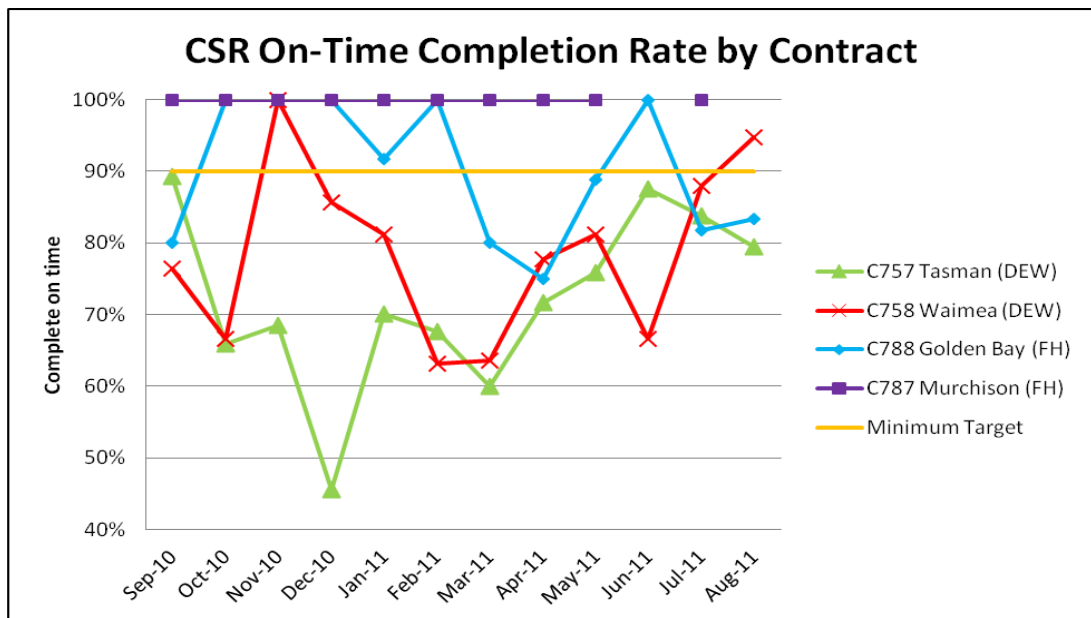
1.15 The results of recent audits of the network condition are shown below.



1.16 The network as a whole is in good condition and the cooperation and performance criteria are being fully met.

1.17 Summary of Network Performance

1.18 Customer Service Request (CSR) completion rates over the four contracts are summarised in the graph.



1.19 Tasman and Golden Bay both failed to achieve minimum target for on-time completion in July and August. Waimea improved in August which is a pleasing result, and the Tasman area has improved notably in the last 12 months or so, which reflects the extra effort going into these areas by all parties.

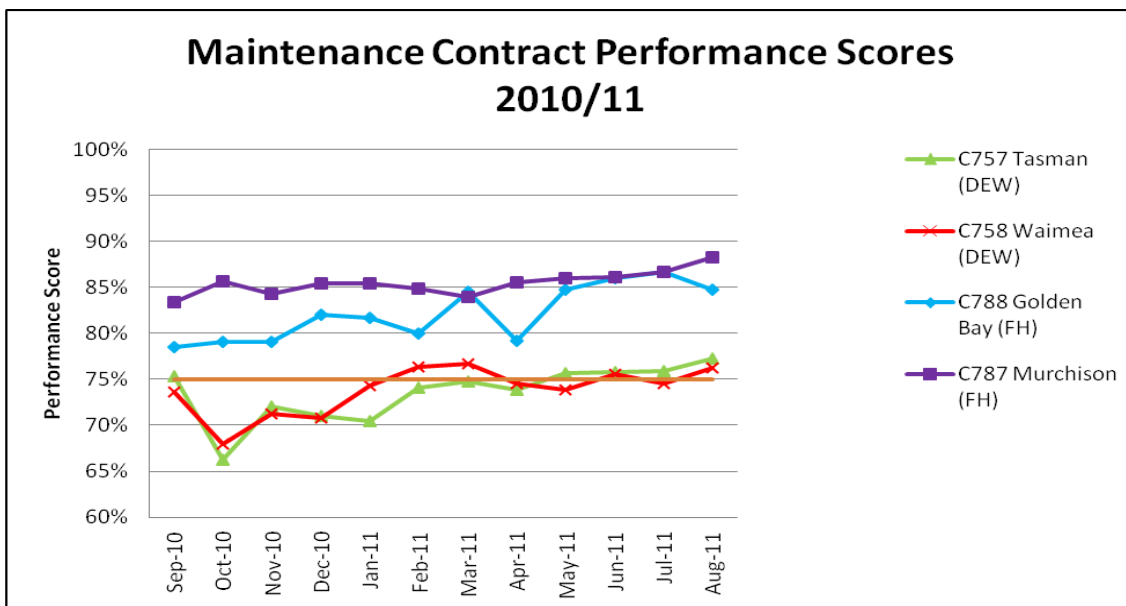
1.20 The numbers of CSRs are shown in the table below.

Month	C788 Golden Bay (FH)			C787 Murchison (FH)		
	On time	Late	Total	On time	Late	Total
July-11	9	2	11	20	0	20
Aug-11	5	1	6	0	0	0

Month	C757 Tasman (DEW)			C758 Waimea (DEW)		
	On time	Late	Total	On time	Late	Total
July-11	98	19	117	44	6	50
Aug-11	62	16	78	18	1	19

1.21 Performance Scores

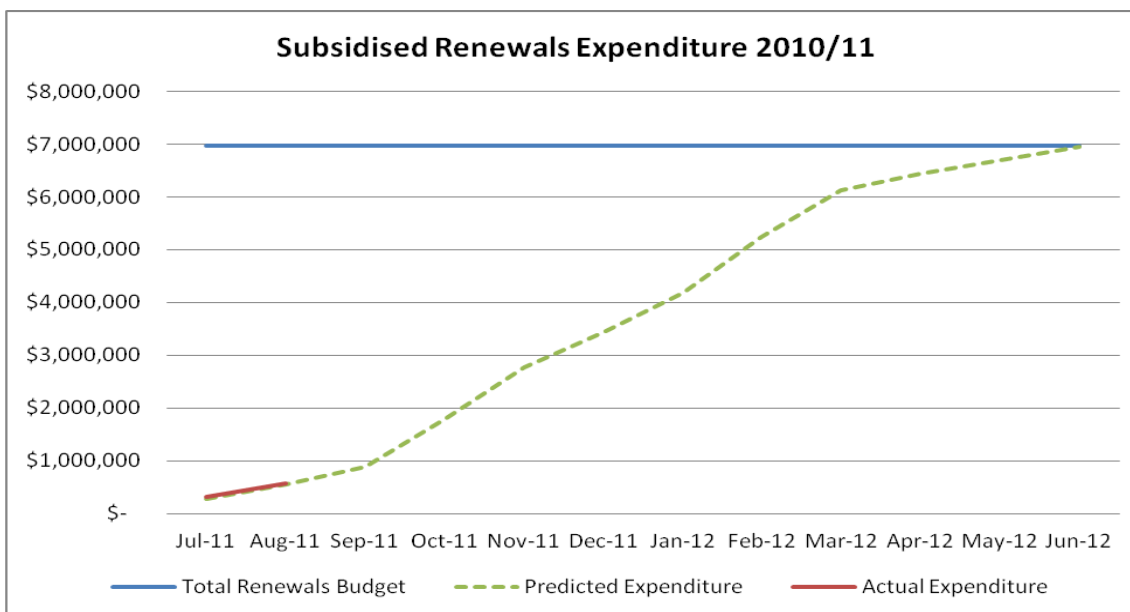
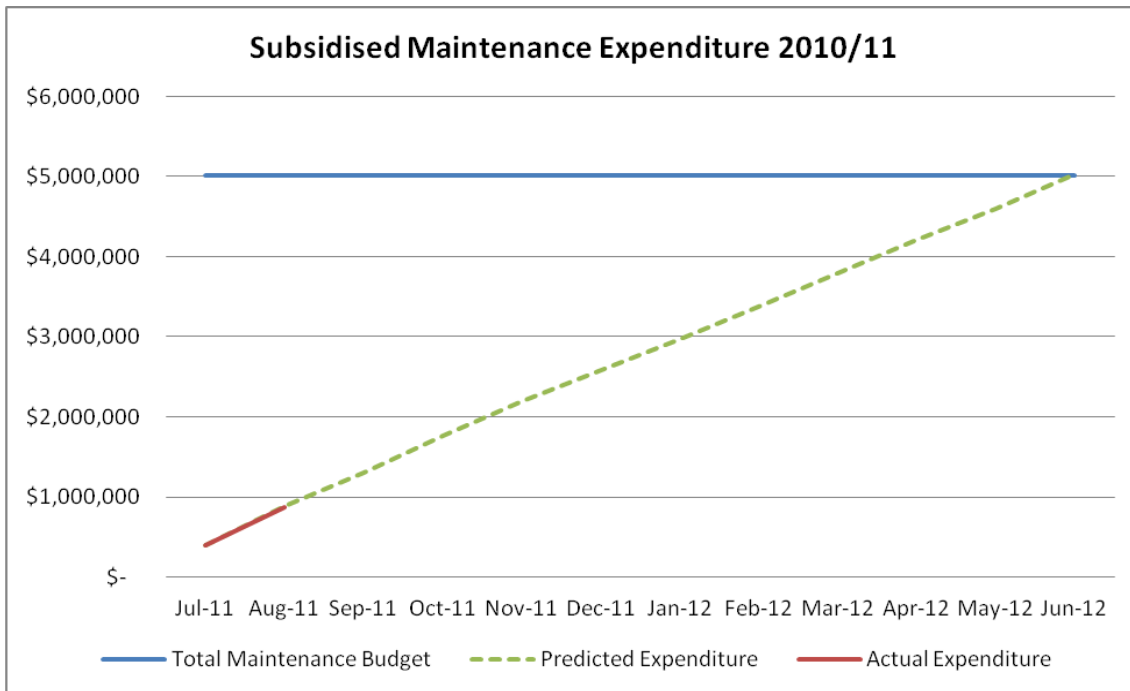
Based on MWH audits of the Contractor’s maintenance work, systems and overall contract delivery, the following graph tracks the Performance Score Summary over the four contract areas.



1.22 All contracts have scored above the minimum performance target of 75% in August. A slight decrease in the Golden Bay score is due to a lower network audit score and lateness of some CSRs and reports.

1.23 Financial

The following graphs show progress against the estimated expenditure profiles for the 2011/12 financial year for the subsidised maintenance and renewals budgets. Expenditure is on track.



2. Street Lighting Contract - Powertech commenced the contract in August and continue to perform well.

2.1 All 20 CSRs received during August were completed on time.

2.2 The additional mercury vapour upgrades are 90% complete, this included Cropp Place, Tapu Place, Thomason Avenue and Totara Street.

3. Bridge Structures Maintenance – Contract 790

A meeting was held with Adcock & Donaldson regarding their performance for the 2010/11 year. Overall the performance rating was assessed as good.

- 3.1 This is the final year for the Bridge Maintenance contract; Separable Portion C now applies and finishes on 30 June 2012. The bridge maintenance list for Separable Portion C is being priced by Adcock and Donaldson. There is some risk that the available budget will be insufficient for the work nominated as a halt was called on this budget last year to minimise the maintenance overspend. All work is to be completed by 31 March 2012.

4. Rivers

4.1 Annual River Operating Maintenance Programme (AOMP)

This report covers works completed in the July - August 2011 period.

- 4.2 During this period there was a change in the river maintenance contractor with Ferguson Bros officially completing Contract 760 on 8 July 2011.
- 4.3 Taylors Contracting Ltd was awarded the new river maintenance contract for a term of three years and officially commenced work on the scheduled AOMP programmed works on 25 July 2011.
- 4.4 Ferguson's last contract payment was for \$50,196 which mainly covered works carried over from June and urgent flood damaged works carried out in July.
- 4.5 Taylors Contracting claim for August was \$117,045 bringing a total expenditure on the AOMP of \$167,241 out of a total approved budget of \$1,721,829.
- 4.6 Progress on the AOMP started slowly with the new contractor which has been mainly due to the contractor becoming familiar with the river maintenance area. Progress has improved over the last few weeks and co-operation with works staff in responding to requests has been good.
- 4.7 The main focus of work in the report period has been:
- Rock Bank protection – Tadmor River
 - Crack Willow Removal – Tadmor River
 - Riparian Plants – Sherry and Tadmor Rivers.

4.8 December Flood Repairs

The flood damage repairs on the Aorere River 'Y' classified areas are 90% complete. There are three sites left to complete on the Pomeroy property where

initially weather conditions prevented access. Currently the landowner has requested a further delay until calving is completed. A variation to the contract was issued on 28 July 2011 to carry out flood damage works in the River Z area of the Aorere River. The contractor has made good progress but the prolonged wet weather has prevented access to some sites.

- 4.9 Tenders were called for the flood damage repairs in the Wangapeka and Murchison River Z classified areas.
- 4.10 The Wangapeka Flood Damage Repair contract was awarded to MBD Contracting Ltd. There have been some issues relating to this contract and the contract has now been novated to Taylor's to carry out and complete works. There have been no additional cost relating to this change.
- 4.11 Murchison Flood Damage Repair contract to Ferguson Brothers Ltd. All access entry agreements have been received as well as applications for Tasman District Council funding assistance.
- 4.12 We have received 15 applications for Tasman District Council funding assistance most relating to previous flood damage.
- 4.13 General**
The indiscriminate dumping of rubbish, especially in the Waimea and Lower Motueka riverbeds, continues to be a growing problem.
- 4.14 The dumping of pig carcasses and offal has been particularly bad in recent weeks in both the rivers and roading network.

5. Projects

5.1 Stringer Road Upgrade

The last 200 metres of construction is due to restart shortly with sealing of this to be completed before Christmas. New fencing has been completed. There is a borrow pit at the end of the road that still requires remediation. Funding has been requested to be carried forward from last financial year to complete this work.

5.2 Turners Bluff Realignment

The contract for this work has now been awarded and we are awaiting the contractor to supply a programme. The resource consents for the work have been issued. The contractor has a 16-week construction period with a cessation to works for two weeks during the Christmas, New Year recess. The work is to be completed by the end of March 2012. The work involves

coordination with utility contractors for the water main relaying, Telecom and the temporary overhead power relocation and power undergrounding.

5.3 Wharf Road Walkway

Keep Motueka Beautiful are making good progress with the rock revetment and reclamation work now completed. The gravel path has yet to be constructed and a price is being sought for moving the hand-rail away from the road edge on the control gate structure.

- 5.4 Planting of the batter slope in the tidal zone and up to the path with salt resistant plants is likely to happen over the coming year. Isolated sections of cluster planting are also proposed along Wharf Road between the path and roadway.



5.5 Salisbury Rd at Arbor Lea – Traffic Signals

This work is now almost complete with the commissioning of the lights on Monday 17 October 2011 and an official “switch” planned for Friday 21 October. Fulton Hogan completed the work on time with minor disruption. Some planting has yet to be done around the edges to soften up the street-texture.

5.6 Champion Road Footpath

This work was completed recently by Concrete & Metals Ltd. The work was tendered last financial year along with other sites involving new pram ramps and other minor path improvements around the district. The Champion Road site involved piping of the roadside drain, new concrete path and kerb and channel. The lowering of the water main that required a special bend to be made as well as the completion work by others to the carriageway on Champion Road for the new subdivision on the Nelson side, deferred the project into this financial year.

5.7 Pedestrian Improvements - Richmond Area including Ranzau School

Tasman Civil has recently completed various pedestrian improvements around Richmond including one site in front of Ranzau School. The contractor made a late start on the work which required funding from Council's Minor Road Improvements Budget to be carried forward from last financial year. The contractor has made a good job of the work. Planting at several of the sites is to be undertaken shortly.

5.8 Remedial work is to be undertaken to the intersection improvements completed at Wensley and Waverley Streets to relocate the pram ramp on the Richmond side and alter the pedestrian refuge including the alignment of the tactile. The work is necessary due to the lack of adequate sightline when crossing from the northern side heading south.

5.9 Moutere Hill Shoulder Widening & Sealing

This was a two year contract with the second and final package of work due for completing shortly. The contractor CJ Industries has made a good job of the work with only sealing and marking left to complete.

5.10 This section of Moutere Highway known as Cuts Hill has a higher than normal loss of control crashes and hence the curve improvements and widening focus.



Moutere Hill Shoulder Widening

5.11 Crescent Street – Partial Closure

Concrete & Metals should have completed this job by the time of the meeting.

5.12 Inlet Road Kaiteriteri – Parking Improvements

Proposed parking improvements involving marking parking bays on Inlet Road is out for consultation. The marking of individual parks will provide another 80 on-street parks, helping the summer period parking demand and creating a little more order.

5.13 Boundary Road, Takaka - New Footpath

The proposal is to provide a new path linking the Rototai Road shared path with Takaka Primary School as well as improving stormwater in the area. This work was discussed with residents on site last year and is planned to be carried out over the Christmas school holidays. There is also a short length of new path to be constructed along Rototai Road linking the existing shared path with Arapeta Place, which is nearing full development.

5.14 Whites Bridge Collingwood - Destination Signage Upgrade

The new signage is being manufactured with installation due to be completed before this Christmas.

5.15 Aranui Road Upgrade

This proposed upgrade work, which is being funded in this current financial year, is presently out for consultation which closes on Friday 21 October 11.

5.16 New Footpaths 2011-2013

There are several new paths planned for construction including:

- Aranui Road – In conjunction with the work on Aranui Road it is proposed to extend the current path on the western side along to the last house.
- Higgs Road – Consultation is being undertaken to ascertain the demand to extend the path beyond Lionel Place towards Mapua Drive. So far there has been an overwhelming response to a path extension.
- Boundary Road Takaka – This new path along with drainage improvements is planned during this summer whilst school is out.
- Motueka River West Bank Road – This is still in the planning stages and involves extending the gravel path from Old Mill Road to Mickel Road where there are some 40 dwellings. The path will then provide a safe walking route to Brooklyn School.
- Riwaka Kaiteriteri Road and Martin Farm Road – A path is planned from Martin Farm Road to Rowling Road. Funding has also been allocated next year for a shared path to be constructed on Martin Farm Road from Bethany Park to link with the existing path at the intersection of Riwaka-Kaiteriteri Road. A combined consent application is presently being prepared as the work will trigger a number of rules in the TRMP regarding working in close proximity of the coastal zone.

5.17 Minor Road Improvements - Miscellaneous

One site worth mentioning is advanced detail design work planned for the intersection of Ellis Street at Waimea West and Bryant Road. There are a number of operating issues here including poor sight lines when pulling out of Bryant Road due to the rock wall on the corner of the historic church.

5.18 Interscetion of Aranui Road/Stafford Drive – The proposal is to close off the slip lane for traffic travelling south bound towards Mapua. This work is due to be undertaken shortly and involves modifying the existing traffic island. Consultation has been undertaken with Mapua School as well as The Mapua & Districts Community Association.

6. Coastal Structures

6.1 Jackett Island

6.2 Work associated with the Court decision is progressing well with consultants engaged to carry out hydrographic surveys and associated monitoring.

6.3 The consent for the removal of the Motueka groyne will be submitted by 21 October 2011 with no work planned on the land part of the groyne until after May 2012 to minimised disturbance to migrating birds

6.4 Respective consents for removal of sand from Rabbit Island and emergency works on Jackett Island have been submitted to Council.

6.5 The interim works on Jackett Island to “hold the line” with regard to the Van Dyke’s property has been completed.

6.6 Mapua Wharf Precinct

Progress on developing a spatial plan and a master plan for the Mapua Wharf Precinct is continuing with a concept document provided to the community for comment. The concept document provides details of the area and presents opportunities and values for this special area. The document is attached.

6.7 With the recent loss of the Aquarium building there is a need to carefully consider what options are available to redevelop this space to ensure that this important commercial centre continues to provide services to the community and region.

6.8 There are some complicated lease arrangements within the area of land that Council owns and work is being done to ensure all parties involved benefit from

any new leases. These leases also form an important part of the commercial environment of the wharf that needs to be reflected in the Masterplan.

- 6.9 It is also planned to do some minor works to the traffic arrangements within the wharf area to better manage vehicles and pedestrians with the summer season approaching. This is also out for consideration by community. There are many different views within the community as to what should happen and staff are endeavouring to find some common ground so these enhancements can be made. If agreement can't be gained then these works will not go ahead.

6.10 Broadsea Avenue Coastal Wall

The Engineering Department has applied for consent to maintain the existing wall constructed to protect property along Broadsea Avenue. The previous consent for the current wall has expired and a new consent is required for the structure to remain. The wall also needs some maintenance.

- 6.11 This consent was notified and six submissions were received which will require a Council hearing.

7. Road Safety

7.1 Motorbikes

- 7.2 There has been lots of activity with motorbike projects. Reporting and course outlines have been tightened up to ensure riders of similar abilities are on the same course. Course notes and handouts have been improved and copies of the evaluation forms can be retained by the individual riders so that they have a record of feedback from the trainer.
- 7.3 Course dates for the rest of this year have been adjusted to include riders who have been stopped by the Police. The Police have recently launched a campaign that targets scooter and motorbike riders with the main focus being on young scooter riders. Riders who are found to have breached a traffic law are required to attend a training course. Misdemeanors include not having the right licence, failing to produce a licence, not having an L plate displayed, speeding, not having their headlight on. To date, many of these riders have been found to have a lack of knowledge and skill in regard to riding. At the same time they are riders who tend to think that they would not learn anything from attending a course which could help keep them safe on the roads.
- 7.4 A feature article will be included in a Nelson Mail safety publication in October. It will advertise the motorbike training courses and will be aimed at the parent/caregiver or partner of the motorbike or scooter rider. Previously we have targeted the riders when advertising the courses, so a new focus is being

taken to try and maintain numbers on the courses and reach riders who might not have necessarily signed up for a course.

- 7.5 Along with ACC, NCC and the police a motorbike school policy is being developed. This will be presented to the Board of Trustees to ensure it is taken up by the schools. All local schools have been approached previously, but none were keen to ensure all their students who rode a bike or scooter to college took part in some training. The presentation will cover statistics on how crash rates amongst motorcyclists show increased numbers in the 15–19 age group.
- 7.6 The training that will be provided to the students will take place on the college grounds and be at a time to suit the college. They will also be presented with a motorbike safe driving policy. This initiative will make it easier for the colleges to provide motorbike training for their students.
- 7.7 Council staff are leading a national project to design and produce some pull-out pens promoting motorbike safety. The message on the pens will focus on safety gear and cornering skills and they will be used as giveaways during various events and promotions.

7.8 Cycles on footpaths

Winners of the “Cycles on Footpaths” colouring competition held in Golden Bay are expected to be announced in the next two weeks. One of the winning designs will be chosen to reproduce a postcard which will be widely distributed in the area. Local shops donated some of the prizes used in the different age categories.

7.9 Go by Bike breakfast

This was held on Wednesday 5 October and jointly funded by the Nelson-Marlborough District Health Board. It was also part of the Konica Minolta Nelson Cycle Festival that was held between 1–9 October. Despite a damp and cold morning just over 40 cyclists enjoyed a free breakfast snack on their way to school/work or just as they were out for a morning cycle.

7.10 Road safety promotion

- 7.11 Regular articles concentrating on the Road Code are being placed in Newslines. They will focus on different rules and regulations and cover different road users.
- 7.12 Before the start of the Rugby World Cup information was sent to Tasman District camping grounds, motor home parks, hotels, motels etc with leaflets on safe driving specific to New Zealand. The aim was for these to be given out to overseas tourists who were traveling on our local roads during the World Cup event. Staff have also sourced some keep left stickers and copies of the Top of the South safety map which will be distributed before the start of the summer

season. These were well received last summer and now include the new Ruby Bay bypass.

7.13 The Road Safety Coordinator, Krista Hobday has been invited to speak to the Motueka Probus Club on road safety in the Tasman District.

8. Tenders

Tenders awarded since the last committee meeting:

No.	Contract name	No. of tenders	Successful tenderer	Amount	Highest amount	Council estimate	Budget for this item	Comment
807	Turners Bluff Realignment	7	Oldfields Ltd Nelson	\$662,375	\$966,286	\$665,878	\$1,042,400	Funding is from a number of sources/budgets
826	Roadside Drainage Improvements 2010 – 2011 Package 2	3	C J Industries Ltd	\$158,616	\$215,840	\$204,110	-	Funding from Drainage Renewals
845	Arbor-Lea Traffic Signals Installation	5	Fulton Hogan Ltd	\$361,663	\$429,757	\$421,38	-	Bulk of contract funded 50/50 MoEd and subsidised Minor Improvements 2011/2012
851	Sealed Road Resurfacing 2011 – 2014	4	Downer	\$5,715,641	\$6,692,891	\$6,049,880	\$6,100,000	3 year contract
852	Murchison Flood Damage Repairs – River Z	4	Ferguson Brothers Ltd	\$234,395	\$367,684	\$253,780	-	60% Civil Defence, 20% Council's Emergency Funds, 20% Landowners
853	Wangapeka Flood Damage Repairs – River Z	6	Taylor's Contracting Ltd	\$280,080	\$359,010	\$277,040	-	60% Civil Defence, 40% current financial year budget

9. Recommendation

9.1 That the report is received.

10. Draft Resolution

10.1 THAT the Engineering Services Committee receives the Transportation Report, RESC11-10-09.

Appendices:

Appendix 1 – Mapua Wharf – Notes for Discussion – Graeme McIndoe Architect & Urban Designer