

Report No:	RESC12-04-05
File No:	
Date:	16 April 2012
<i>Information Only – no decision required</i>	

REPORT SUMMARY

Report to: Engineering Services Committee
Meeting Date: 26 April 2012
Report Author: Gary Clark, Transportation Manager
Subject: Transportation Report

EXECUTIVE SUMMARY

This report details activities in the Transportation area during March.

RECOMMENDATION/S

That the report be received.

DRAFT RESOLUTION

THAT the Engineering Services Committee receives the Transportation Report, RESC12-04-05.

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OPERATIONS AND MAINTENANCE CONTRACTS

1. Tasman Maintenance C757

- 1.1 Some minor clean-up work is still ongoing after the December 2011 storm event. This is mainly clearing of dump sites on road reserve and carting spoil to appropriate dump sites.
- 1.2 A large culvert on Champion Road in Richmond is still creating issues with detritus being washed into the culvert every time it rains. The culvert has been mechanically flushed out a couple of times since December 2011. The contractor has undertaken works to reduce the build-up of debris in this culvert and the situation will be monitored.
- 1.3 The contractor has submitted a metalling program for approval. Once the weather has settled and unsealed roads have a higher moisture content to achieve binding of the metal, the contractor will grade and reshape the road surface and then apply maintenance metal to the nominated roads.
- 1.4 The two single lane bridge approaches on Old House Road have been levelled to improve the ride when crossing.
- 1.5 Culvert replacements have been completed on Moutere Highway, Weka Road and Waiwhero Road.
- 1.6 Various litter bins have been either repaired or replaced at Warring Car Park, High Street, Queen Street and Salisbury Road.
- 1.7 The contractor has completed about 80% of the approved pre-reseal repairs at 2012/13 reseal sites, and is confident that all repairs will have been completed by the end of March 2012.

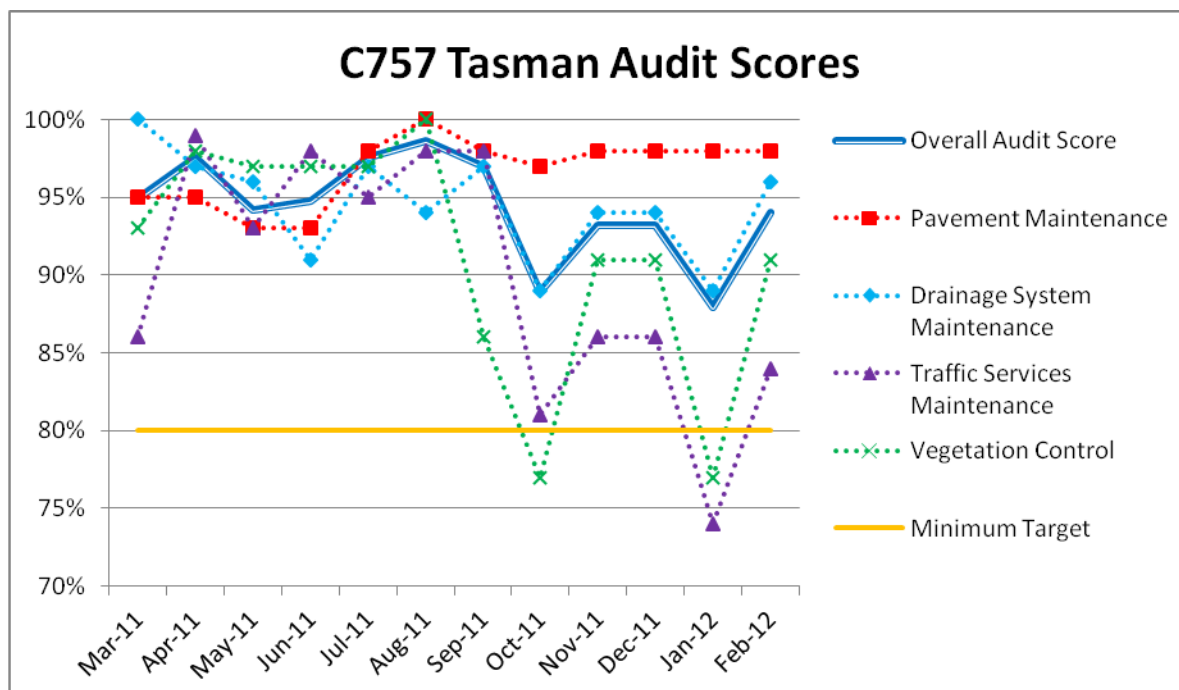
1.8 Other items completed in February include:

- 329 km of mowing.
- 17 km of grading.
- 13 replacement direction signs and street name blades.
- 29 new edge marker posts.
- 75 pothole repairs.

1.9 Items underway and/or programmed for completion in March-April 2012 include:

- Unsealed road metalling.
- Various pavement repairs.
- Night time audit of delineation.

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

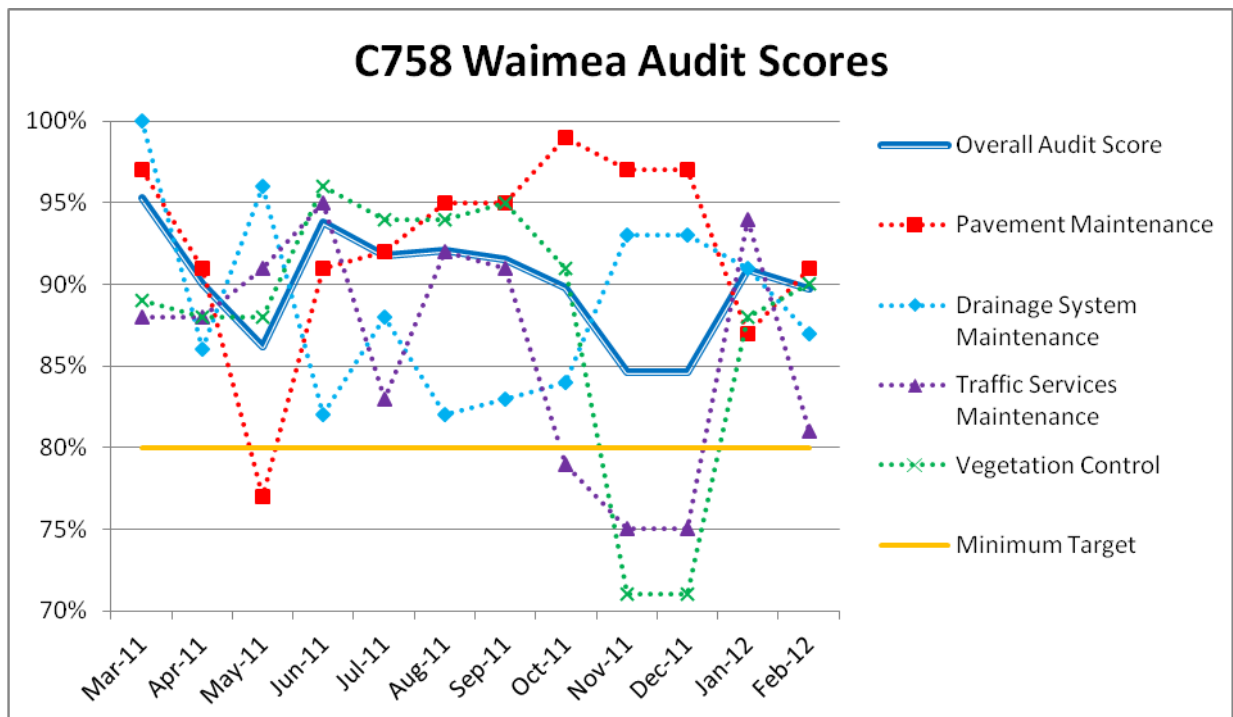


1.11 Traffic services maintenance and vegetation scores are back within specification but still many issues with leaning/dirty signs and chemical control. This has been raised with the Contractor.

2. Waimea Maintenance C758

2.1 New directional and name blade signage has been replaced at many arterial and collector intersections with the old cluttered signs reduced to more user- friendly signs with clearer direction. This also includes new style brown tourist information signs leading to Kahurangi National Park access points.

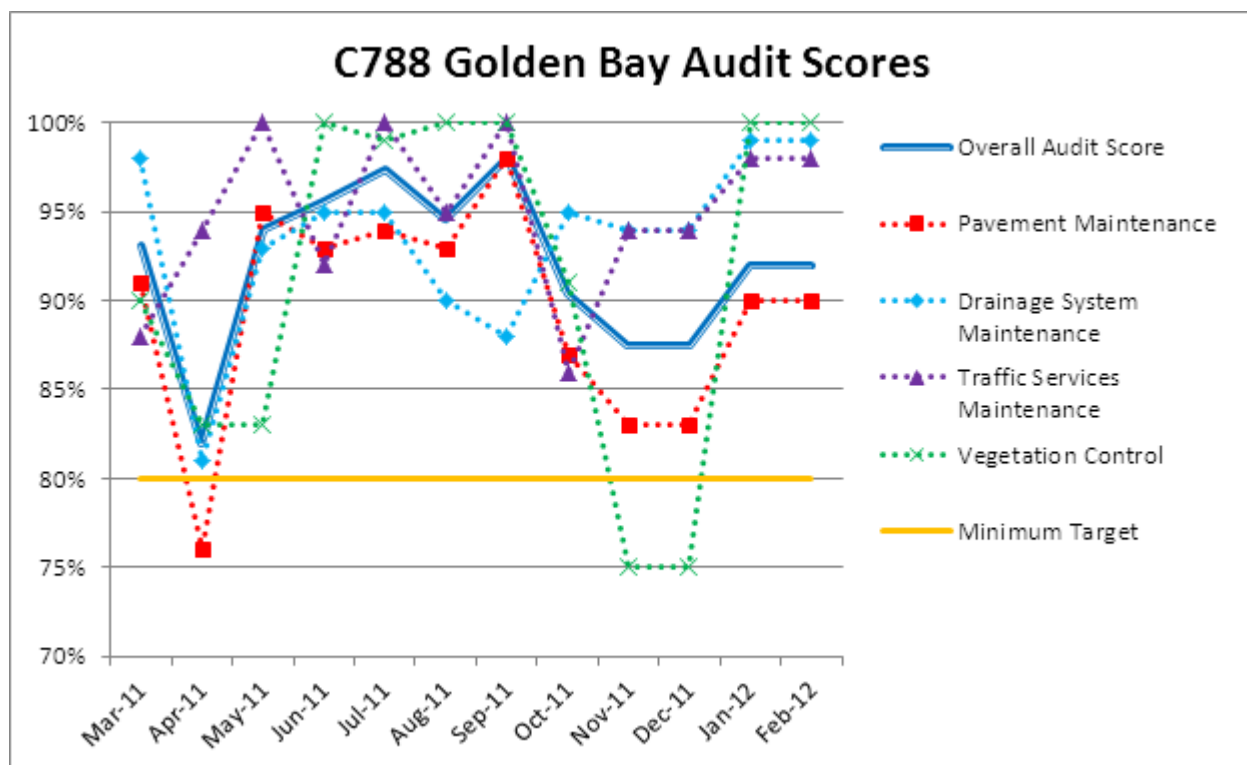
- 2.2 The contractor has submitted a metalling program for approval, once weather has settled and unsealed roads have a higher moisture content to achieve binding of the metal. The contractor will grade and reshape the road surface and then apply maintenance metal to the nominated roads.
- 2.3 The contractor has completed about 90% of the approved 2012/13 pre-reseal repairs and is confident that all repairs will have been completed by the end of March 2012.
- 2.4 Other items completed in February include:
- 67 km of grading.
 - 87 km of mowing.
 - 99 replacement directional signs and street name blades.
 - 105 pothole repairs.
 - 12.5m of culvert replacement.
 - 20 painted sign posts.
- 2.5 Items underway and/or programmed for completion in March-April 2012 include:
- Unsealed road metalling.
 - Various pavement repairs.
 - Various sites for flanking and drainage maintenance.
 - Night time delineation audit.
- 2.6 The results of recent MWH audits of the network condition are shown in the following chart.



- 2.7 Traffic services maintenance dropped significantly in February but is above minimum target. This has been raised with the contractor. All other main categories were above minimum target.

3. Golden Bay Maintenance C788

- 3.1 February has been a busy period for the maintenance contractor. Normal maintenance activities have been undertaken as well as continued recovery works following the December flood event. Fulton Hogan staff from outside of the Golden Bay area will continue to supplement the local crews for some time yet to ensure work programmes are completed.
- 3.2 A summary of general works completed during February:
- Installation of various new signs throughout the network.
 - Reseal programme for 2011/2012 completed.
 - Continued spraying operations as required.
 - Pavement maintenance on sealed and un-sealed carriageways.
 - Removal of summer seasonal speed restriction signs.
 - Clearance of wind damaged trees within road reserve.
 - Completion of Rototai/Boundary Road footpath construction.
 - Recovery response to December 2011 floods within Golden Bay.
- 3.3 Items not completed during this period:
- Cobb Dam Road (Lower section) pre-reseal repairs.
- 3.4 Items underway and / or programmed for completion in March-April 2012 include:
- Water table improvements.
 - Sign upgrades.
 - Cobb Dam Road (lower section) pre-reseal repairs.
 - Undertake any further recovery work required following the December floods.
 - Night time delineation audit.
- 3.5 The most recent MWH audit of the Golden Bay network indicated that the network, as a whole, was in an acceptable standard. Even though the maintenance contractor has been busy undertaking recovery works, the routine maintenance items are still being completed to the expected standard.
- 3.6 The results of recent MWH audits of the network condition are shown in the following chart.



3.7 Audit items were within specification for the January/February period. Vegetation control is back within specification after being down over the November/December period.

4. Murchison Maintenance C787

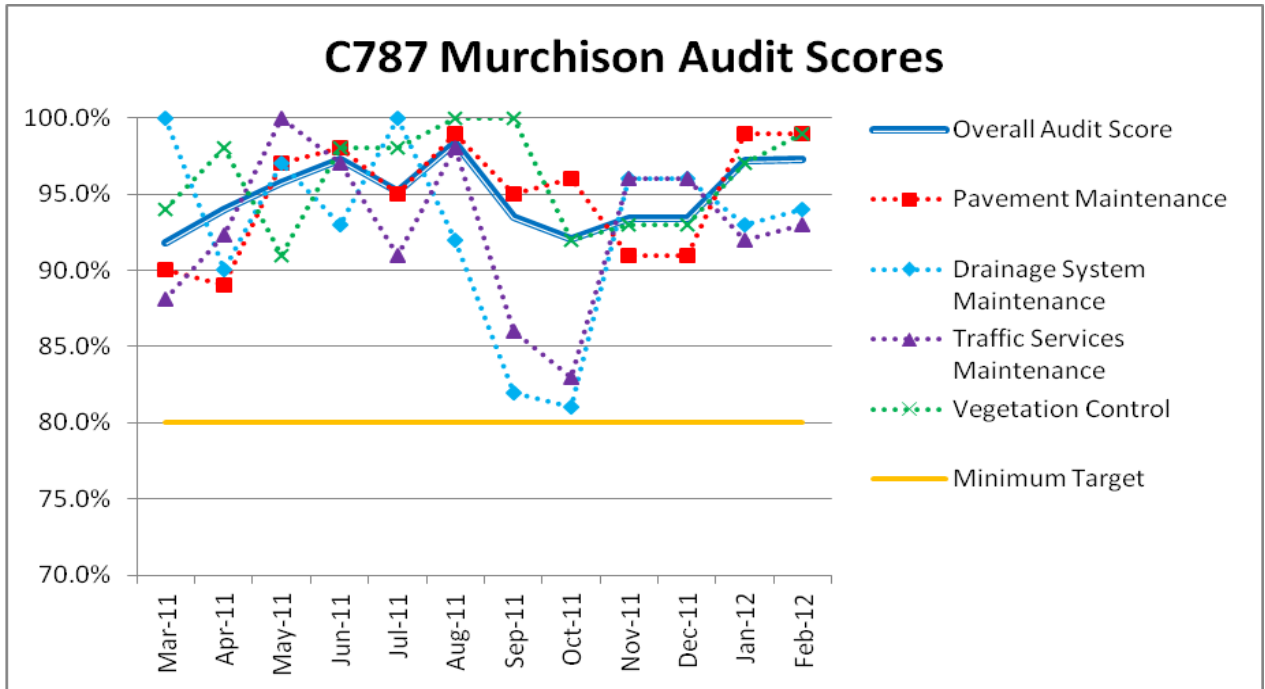
4.1 Items completed in February include:

- 114 km of roadside mowing.
- 63 km of grading.
- 117 km of vegetation spraying.
- 39 km of pest plant spraying.
- 2.5 km of water table cleaning.
- 0.5 km of high shoulder removal.
- 36 painted sign posts.
- 35m of culvert replacement.
- 78m of new water table.

4.2 Items underway and/or programmed for completion in March-April 2012 include:

- Continuing cleaning and repainting of various sight rails and signposts.
- Tutaki Road South Culvert upgrades.
- Various rock protection.
- Tutaki Road South pavement ripping/crushing/overlay.
- Braeburn Ford extensions and rock protection.
- Night time delineation audit.

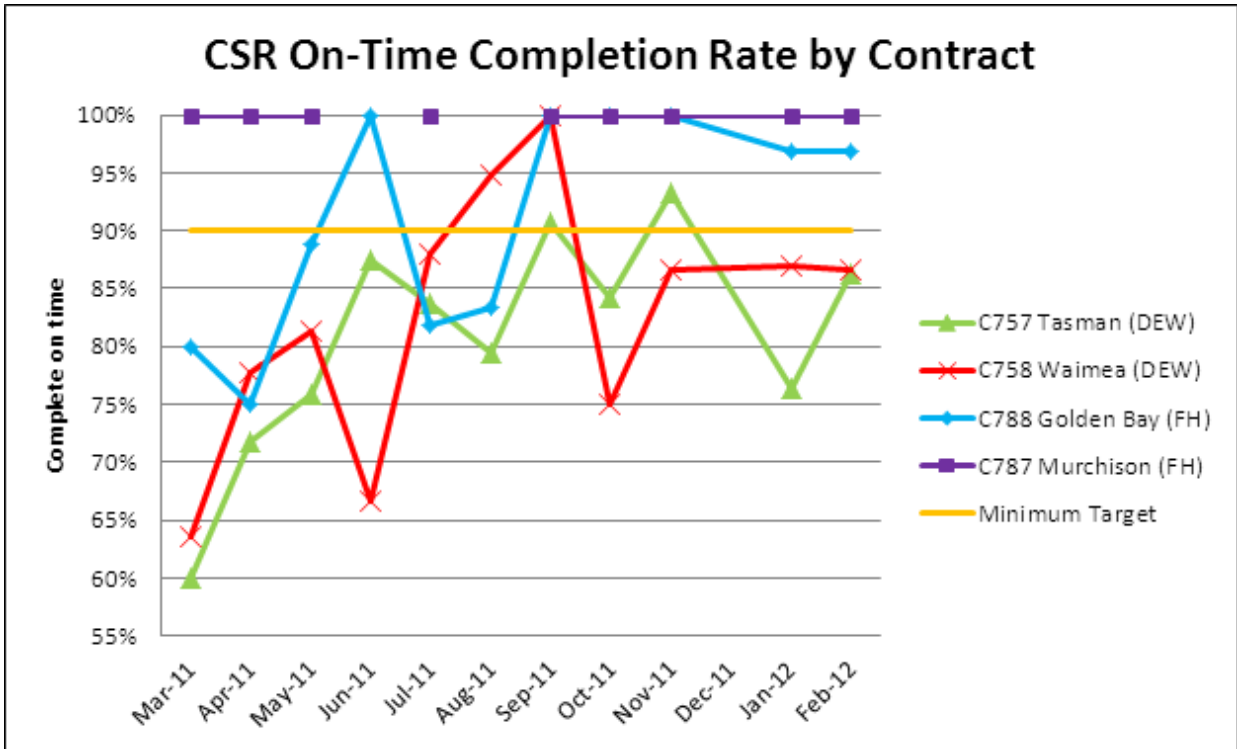
4.3 The results of recent MWH audits of the network condition are shown in the following chart.



4.4 All audited items were well above the minimum target requirements. Good overall audit score.

5. Customer Service Requests

5.1 CSR completion rates over the four contracts are summarised in the following graph.



5.1 Performance targets for CSR on-time completion were met in Golden Bay and Murchison. Tasman and Waimea were below target and this has again been raised with the contractor.

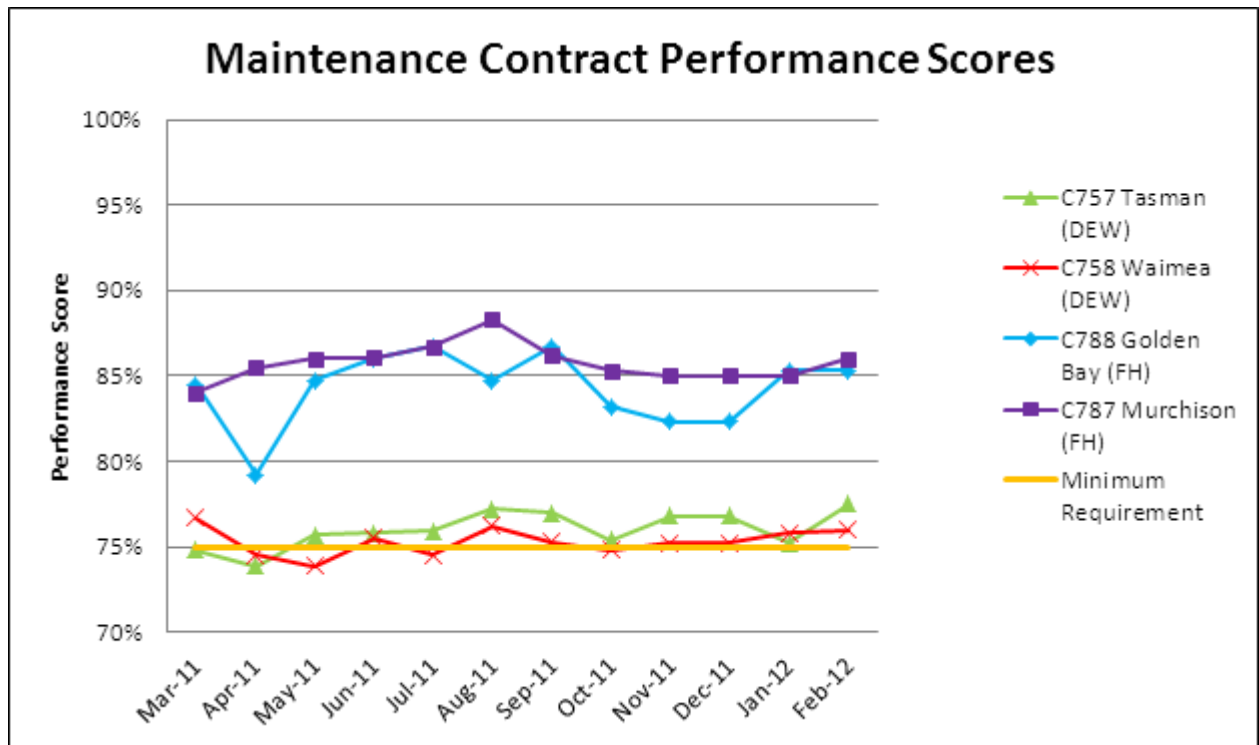
5.2 The numbers of CSRs are shown in the table below.

Month	C788 Golden Bay (FH)			C787 Murchison (FH)		
	On time	Late	Total	On time	Late	Total
February	30	1	31	5	0	5

Month	C757 Tasman (DEW)			C758 Waimea (DEW)		
	On time	Late	Total	On time	Late	Total
February	75	12	87	13	2	15

5.3 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.

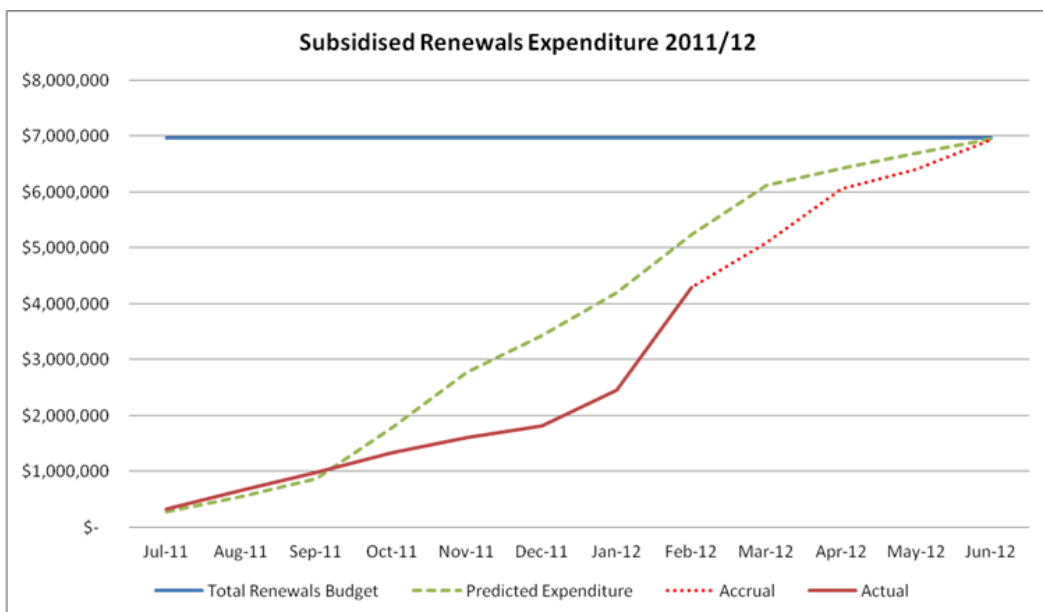
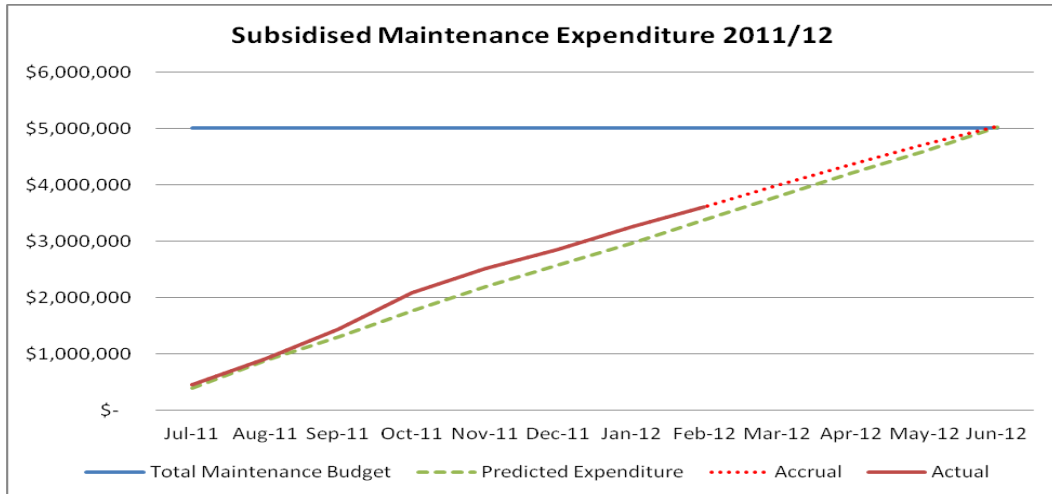


5.4 All contracts were above the minimum target in February.

6. Financial

6.1 The following graphs show expenditure progress against the estimated expenditure profiles for the 2011/12 financial year for the subsidised maintenance and renewals budgets. Maintenance expenditure is tracking slightly ahead of the estimated budget spend. Renewals are tracking below the position predicted at the beginning of the financial year, due mainly to wet weather in early summer affecting particularly the resealing programme. Contracts are in place for renewals work, and physical works has ramped up in early 2012 for reseals and pavement rehabilitations.

6.2 The non-subsidised operating budget is currently tracking towards a \$50,000 overspend. There are however, some income budgets that need clarifying in order to confirm the position. Capital budgets are tracking towards a \$850,000 underspend. There are a number of items that make hitting these budgets difficult such as road legislation and the Tasman's Great Taste Trail project.



7. C844 Street Light Maintenance

- 7.1 Powertech continue to perform well with all CSRs completed on time in February. There did appear to be four late CSR's however, on closer inspection the issues were appropriately addressed by the contractor.
- 7.2 Routine lamp replacements are complete for Tapawera, Brightwater and Wakefield. Golden Bay is programmed for completion in April 2012.
- 7.3 Setup of Confirm Mobile is complete and is now being used by Powertech.
- 7.4 Minor street light upgrades/renewals for Brightwater Underpass, Hollis Place and Charlotte Lane have been approved and will be complete by the end of May 2012.

8. C790 Bridge Structures Maintenance and C864 Bridge Structural Repairs

- 8.1 The status of Contract 790 has not changed since the previous report where we noted that non-critical bridge maintenance was being deferred due to the lack of sufficient budget.
- 8.2 Flood repair work to bridges in Takaka is currently being designed with quotes for repair works being sought from existing contractors. The three bridges in Takaka requiring scour repair works are Bridge 2 on Packard Road which is currently closed and Rameka Creek and Dry River Bridge on Glenview Road. The physical works for these three bridges are programmed for completion by 13 April 2012. Additionally a bridge on Motueka River West Bank Road, Chapman Creek Bridge has been continuously monitored for scour to the true left abutment. As this scour has become progressively worse since monitoring began last year it is now proposed to underpin the true left abutment with works to be completed before 1 May 2012.
- 8.3 The Bridge Structural Repairs 2011/12 contract has been awarded to Downer. The physical works are programmed for completion by 31 May 2012.
- 8.4 Routine bridge inspections are completed and the report will follow in April.

9. Rivers Report

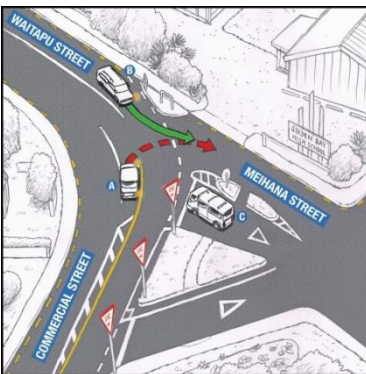
- 9.1 This report covers works completed in the January/February 2012 period.
- 9.2 Taylors Contracting Company Ltd has now been engaged in the annual and operations maintenance programme (AOMP) works programme for approximately seven months.
- 9.3 Progress has been disappointing with the first six months of this contract. There has been a marked improvement in performance for February 2012 but the programme is presently tracking significantly behind schedule. The contractor did not meet their own predicted fall of expenditure figure for February. This has since again been revised by Taylors Contracting Company Ltd and they have shown a flat line expenditure for the last four months of the financial year of \$250,000 per month.
- 9.4 Taylors are required to report fortnightly on progress on the AOMP work schedule.
- 9.5 Taylors still remain confident in completing the AOMP by 30 June 2012.
- 9.6 Total expenditure to date on the AOMP including revised related tasks is \$723,761 out of a total annual budget of \$1,671,355.

- 9.7 We are presently putting more time into monitoring progress on this contract and assisting where appropriate to get this contract back on track. The contractor has appointed a new Contracts Manager to manage this contract.
- 9.8 The main focus of work in the reporting period has been as follows.
- Rock Bank protection – Takaka and Waingaro Rivers.
 - Crack Willow Management – Takaka, Waingaro, Lower Motueka and Wai-iti Rivers.
 - Mechanical Clearing – Takaka River.
 - Willow Layering – Takaka, Motupiko and Waingaro Rivers.
 - Chemical Spraying – Dove River.
- 9.9 2010 December Flood Repairs**
- 9.10 Aorere River Flood Damage Repairs – Contract 830 – Sollys Contracting are still working on completing the original contract works on the Y rated areas on two private properties. Delays have mainly been due to the rock not meeting the specified size range and the diversion of Sollys plant to other activities.
- 9.11 It is expected that all the original Contract 830 will be completed except for the amended variation No 3. Work has now commenced on Variation No 3 on a private property at Bainham and is unlikely to be completed until the end of May 2012.
- 9.12 Work is also being carried out in the vicinity of two private properties in the lower Aorere River. This work has involved repairing failed wall from recent flood events and will include the construction of two large groynes to deflect the river away from eroding bank and past flood channel. This work has also been delayed due to the lack of rock and plant. It is hoped that it will be completed by the end of May 2012.
- 9.13 All flood damage work has been completed at the seven flood damaged sites on the Wangapeka River.
- 9.14 All the flood damaged works in the Murchison area including the Owen River works have been completed. This contract was undertaken by Ferguson Brothers Ltd who made excellent progress with all the original scheduled works, additional works and variation work undertaken in the Owen River area.

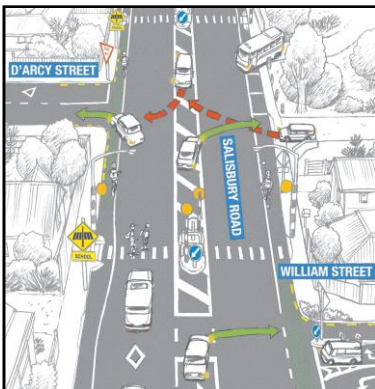
- 9.15 We have received five requests for technical assistance in River Z areas with two follow up applications being received. One approved River Z works on the Owen River has been completed for the period.
- 9.16 Offal and other rubbish continue to be an ongoing issue with the lower section of the Waimea River being exceptionally bad for this. We are currently investigating and will be placing cameras in the area to address this compliance issue.
- 9.17 At the March meeting, the Committee requested a report relating to gravel extraction. This report was to discuss the issues around gravel extraction with the various departments and provide information to the Engineering Services Committee. Due to the nature of the report and the lack of staff time available for preparing this report it will now be provided at the June meeting.

10. Road Safety

10.1 The new Give Way rules commenced on Sunday 25 March 2012. There has been widespread advertising and to assist in reinforcing the messages the yearly Road Safety tabloid focused on the new rules at local intersections. This was available in The Nelson Mail on 3 April and the Richmond and Nelson Leaders on 5 April. All council offices, libraries and schools received copies. Two of the local intersections show the new rules.



- Vehicle A now gives way to Vehicle B
- **WHY?**
- Vehicle B, although physically going straight ahead, is turning off the main road (the broken white lines on the roads edge indicate this) and so is effectively making a left hand turn. The new Give Way rule applies meaning the right turner must give way to left turning traffic coming from the opposite direction.
- Vehicle A is not on a "give way", but is turning. Vehicle A needs to give way to any traffic continuing towards Takaka on SH60
- Vehicle C is on a Give Way, so needs to give way to all traffic at this intersection



- **Change 1** is shown by car turning into Darcy Street having right of way over the car turning right from the flush median.
- **Change 2** is shown by the car turning right into the driveway having right of way over the car turning out of the driveway.

- 10.2 The first college courses for scooter riders were held in March and the next course for Waimea students will be held in May. The courses have been very successful with a visible improvement in the students riding and attitude.
- 10.3 The ACC “dressed up” scooter is visiting different places in Tasman and Nelson until the end of April. It promotes scooter riders wearing another layer of clothing, not necessarily hi-visibility or expensive riding gear.
- 10.4 To check out how this scooter was put together check out the web link <http://scootersurvival.co.nz/videos/scooter-dressing/>
- 10.5 One hundred and ten cyclists took part in the final Bike Wise event, the Takaka Family Fun ride, with nearly 40 support crew/families involved on the day.
- 10.6 The Rotary Young Driver Awareness programme was held at the A&P show grounds from 19–23 March 2012. Year 11 students from across Nelson and Tasman attended the event and positive feedback was received during the week. A formal evaluation and de-brief has yet to take place.

11. Projects

- 11.1 **Turners Bluff** continues to provide challenges in terms of finding resolution and completing what has been started. The contract for the work has been stopped until a resolution with regard to the archeological find can be resolved. Several meetings have been held with interested parties including the Historic Places Trust. The Historic Places Trust has been seeking expert advice on the find and have recommended that a full investigation is done by an expert to exactly what has been found at the site. They are prepared to pay for an expert from Otago to undertake a review of the information from the site and provide a report. This is the possibility that the find is much more than a Kai Pa and this needs to be determined before any more work can proceed.
- 11.2 Staff have provided several alternatives to map a path through this difficult issue but to date these have been rejected by iwi and the landowner. There is general agreement that there is a need to resolve the road safety and congestion issues at this location by all parties. Staff are providing advice and solutions to address the problem as quickly as we can.
- 11.3 Staff are currently looking for fill to complete the other section of work away from the find to tidy up the area. This is proving to be difficult as the first possible borrow site looks like it may also have some historic value.
- 11.4 **Yellow Pine Bridge – Contract 843** – This contract was awarded to Skye Construction Limited and possession of the site was granted on 1 February 2012. Progress has been slow with no work started on site to date. There have been delays

in the contractor preparing documentation before they can start the work. The contract period is for 16 weeks.

11.5 Several “Notice to Contractor” letters have been sent to the appointed contractor and they are working through the issues.

11.6 The contractor has been sent a final notice to complete the necessary work to fulfil their obligations under the awarded contract otherwise they will be put in default. This could lead to the contract being terminated.

11.7 Mapua Wharf Precinct – Staff are currently working with the community representatives to develop a master plan for the wharf area. It is hoped to have the plan completed by December 2012.

11.8 There has been some interest in businesses wanting to lease the area left by the removal of the Aquarium building. The interest is strong and staff are looking at preparing business cases for the development of temporary or more permanent structures for commercial return. This will be brought back to the committee for their consideration when appropriate.

12. Tenders

The following contracts have been awarded:

No.	Contract name	No. of tenders	Successful tenderer	Amount	Highest amount	Council estimate	Budget for this item	Comment
847	Awaroa Bridge Replacement	3	Fulton Hogan Ltd	\$64,109	\$97,390	\$86,150	\$294,226	Tender accepted
864	Bridge Structural Repairs 2011 – 2012	4	Downers	\$187,174	\$338,619	\$284,000	\$140,000	Contract structured to enable work to be completed as additional funding is available
868	Wairoa Suspension Bridge	3	Edifice Contractors	\$265,324	\$380,859	\$280,000	-	Funding via MED

13. Recommendation

13.1 That the report is received.

14. Resolution

14.1 THAT the Engineering Services Committee receives the Transportation Report, RESC12-04-05