

STAFF REPORT

TO: Chair and Members, Engineering Services Committee

FROM: Transportation Manager, Gary Clark

DATE: 29 June 2010

SUBJECT: **TRANSPORTATION REPORT – RESC10-07-02**
Report prepared for meeting of 8 July 2010

1 MAINTENANCE OPERATIONS

Maintenance gravelling is taking place and will be completed by the end of the month. There had been some problems with cars getting punctures so independent test were carried out and a round-table meeting held with the contractor.

The contractor has met all conditions as per the contract so some of the conditions within the contract will be looked at to help minimise such problems in the future. The contractor put forward some practical solutions that will be worked through.

The main problem was that a very hard stone was being placed on a very hard surface which may have led to tyres picking the stone up in the treatment.

There had been a large slip on Lee Valley that blocked the road for three days. The road was back to full operation on 25 June 2010.

Tasman Maintenance Contract 757

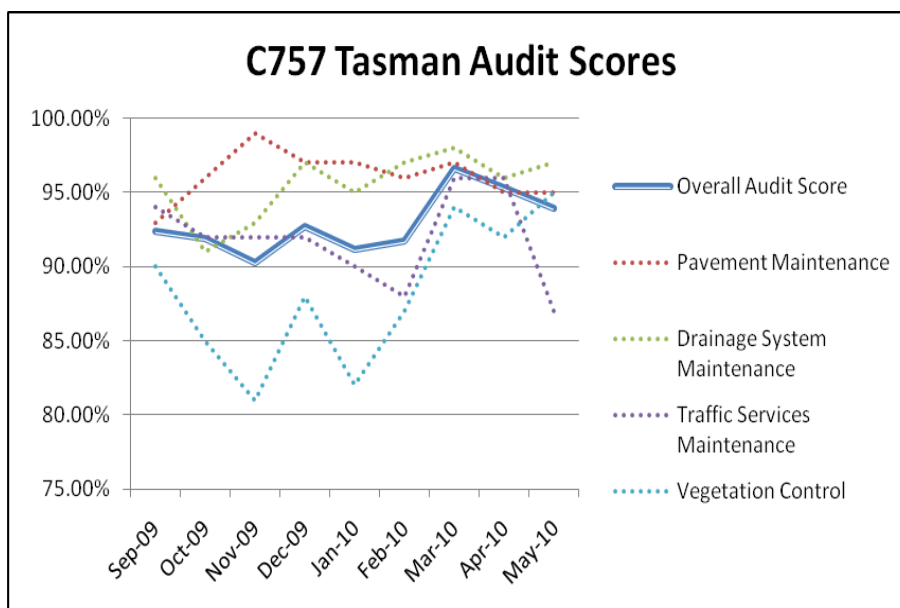
Items completed in May and early June include:

- Various drainage improvements at School Road (Mahana), Whakarewa Street, Manoy Street and Aranui Road.
- Footpath repairs in Motueka, Richmond and Brightwater.
- Unsealed carpark repairs at Motueka Quay.
- Apple Valley Road intersection sealing.
- Pomona Road shoulder and crossing repairs.

Items underway and/or programmed for completion in June include:

- Drainage improvements at locations on Kaiteriteri-Sandy Bay Road, North Street and Aniseed Valley Road.
- Pavement markers (cats-eyes) replacements on Moutere Highway.
- Completion of the unsealed road metalling.
- Repairs following May flood damage on Brooklyn Valley Road and Williams Road.
- Water-table cleaning.

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



Waimea Maintenance Contract 758

The month of May saw a significant weather event cause widespread damage in the Tapawera and Motueka Valley area. A good response from the project team ensured the immediate clean-up and repair work was well managed and executed. Downer responded very well and drew in extra resources to ensure roads were opened as soon as possible and also to minimise the effect on programmed works. However some programmed works have been delayed.

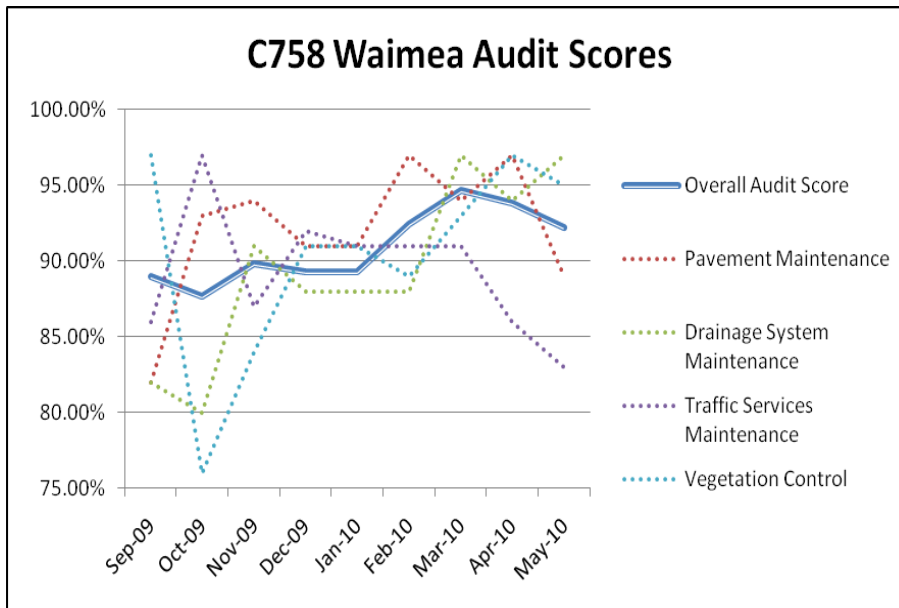
Items completed during April and May include:

- Various culvert extensions and installations on Dry Weather Road, Slippery Road and Sherry River Road.
- Replacement of old black chevrons (90% complete).
- New blue finger signs to replace old black ones in Tapawera village.
- Heavy maintenance on Church Valley Road (80% complete, progress affected by weather).
- Progress on flood damage clean up.

Items programmed for June include:

- Further flood damage clean up.
- Retaining wall to stop batter slipping into water tables, first 3km of Church Valley Road.
- Removal of two large (20m plus) dead poplar trees from road reserve on Church Valley Road.
- Two corners on Dry Weather Road being sight benched for visibility.
- Tree removal on Graham Valley Road at first single lane bridge to improve visibility to traffic approaching the bridge.
- Unsealed road metalling.

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



Golden Bay Maintenance Contract 625

Items completed during May included:

- Pohara Valley Road – Cul-de-sac improvements have been completed.
- Work has been completed on the Aorere Bridge guardrail improvements. Further seal repairs required by the contractor.
- Various slips on Totaranui, McCallum, East Takaka, Cowin and Cobb Lower Roads following heavy rain have been cleared.
- McCallum and East Takaka Roads slip repairs have been completed, with Hydro seeding to be undertaken early June.
- Carting of aggregate for unsealed structural overlays along Cowin Road has started.

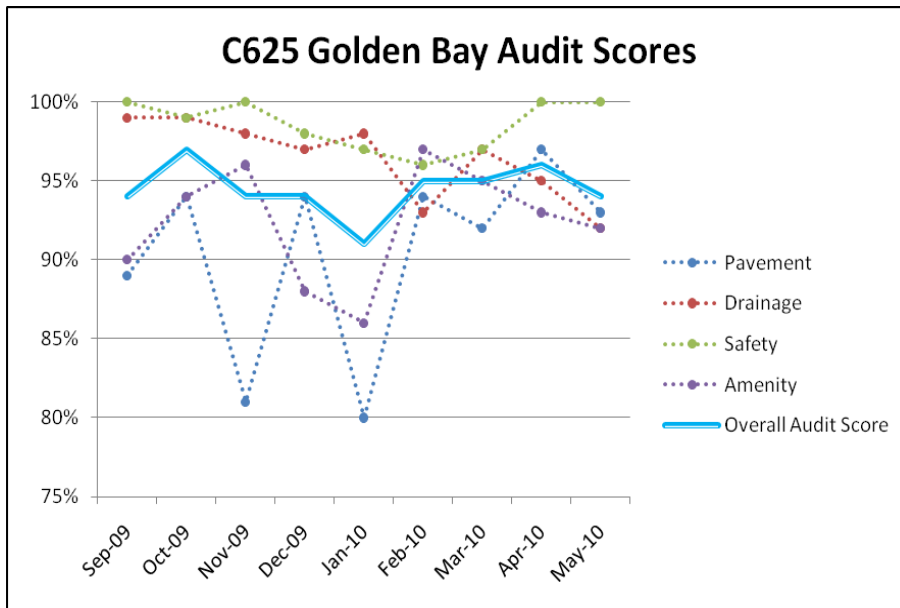
Items programmed for June include:

- AC levelling slumps on the Wainui Hill and up the Cobb Lower Dam Road.
- Dodson Road Bridge rails to be repaired.
- Takaka Library carpark will have some additional pavement markings installed.
- Water cutting if any reseal sites in the 10/11 season require this pre-treatment.
- Totaranui Road minor improvements work.
- Unsealed Structural Overlay work.
- Cobb Lower Road slip repair/realignment has started. Completion scheduled for end of June (weather dependant).

Other Items:

- The Pohara Seawall Project is almost complete. Timber posts and chip sealing are to be completed in early June.
- Stormwater culvert to be installed under Pohara Valley Road as part of the Utilities programme.
- Totaranui and Ligar Bay slip repairs have all been completed.
- Pupu Springs slip repair work is nearing completion with sealing of the carriageway to happen mid June (weather dependant).

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



Murchison Maintenance Contract 618

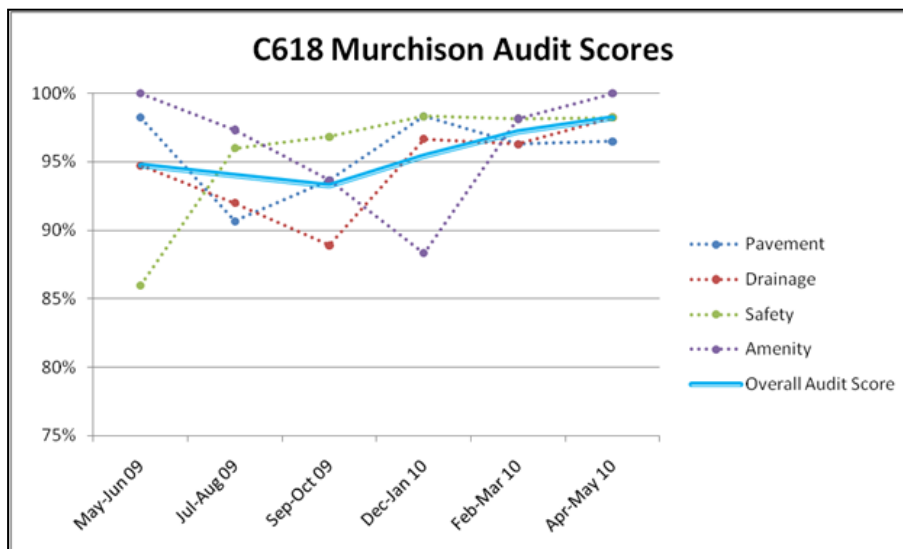
Items Completed during April/May 2010 included:

- Final tidy-up of 2009/10 reseal sites.
- Minor line marking items.
- Murchison recreational path construction complete.
- Hotham Street drainage improvements.

Items Programmed for June 2010:

- In-situ rock crushing of unsealed pavements.
- Replacement of deteriorated signs.

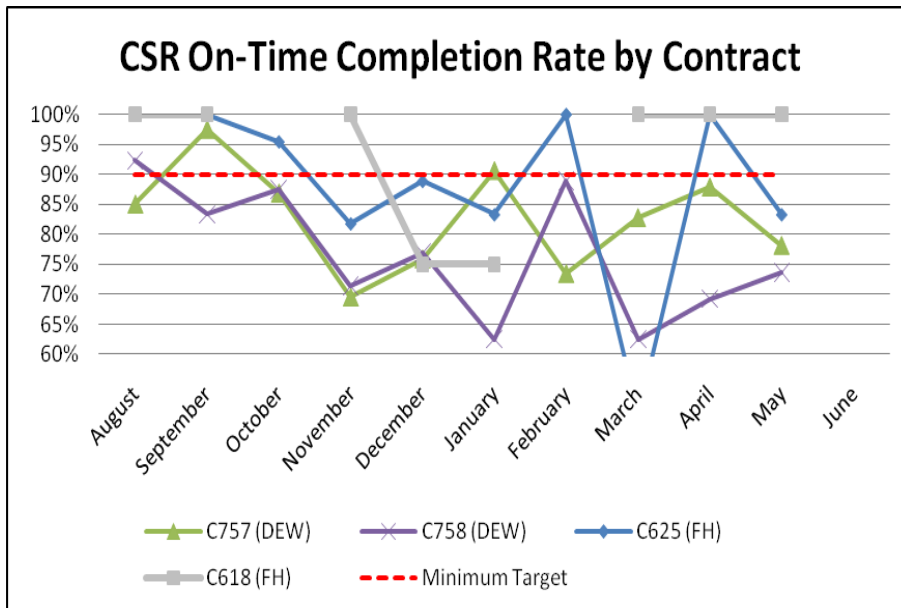
The results of MWH audits of the network condition are shown in the chart below for the previous 12-month period.



Summary of Network Performance

Customer Service Requests

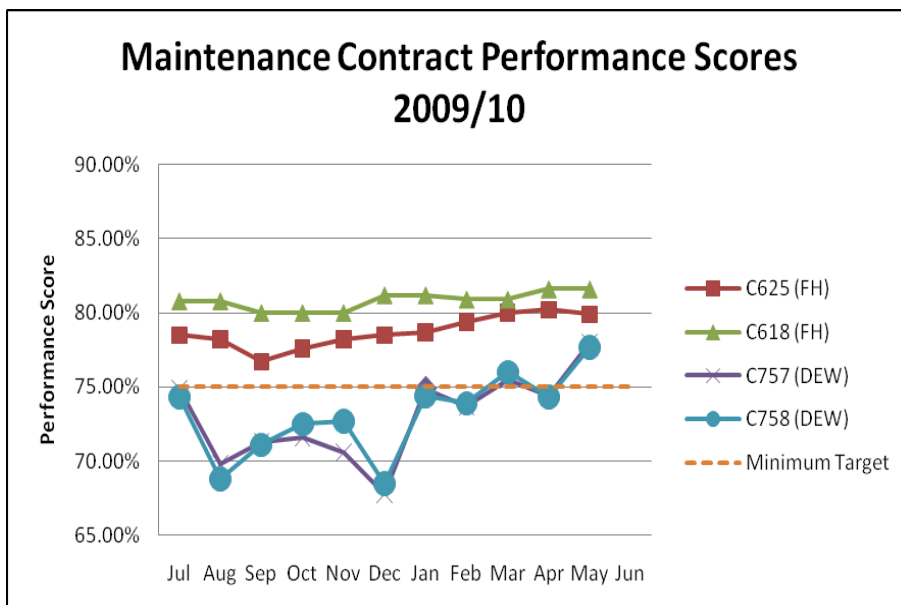
CSR completion rates over the four contracts are summarised in the following graph.



Downer’s CSR on-time completion was 78% in Tasman area and 74% in Waimea in May. It is noted that Downer’s resources were stretched by the severe flooding event on 15-16 May and subsequent cleanup.

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.

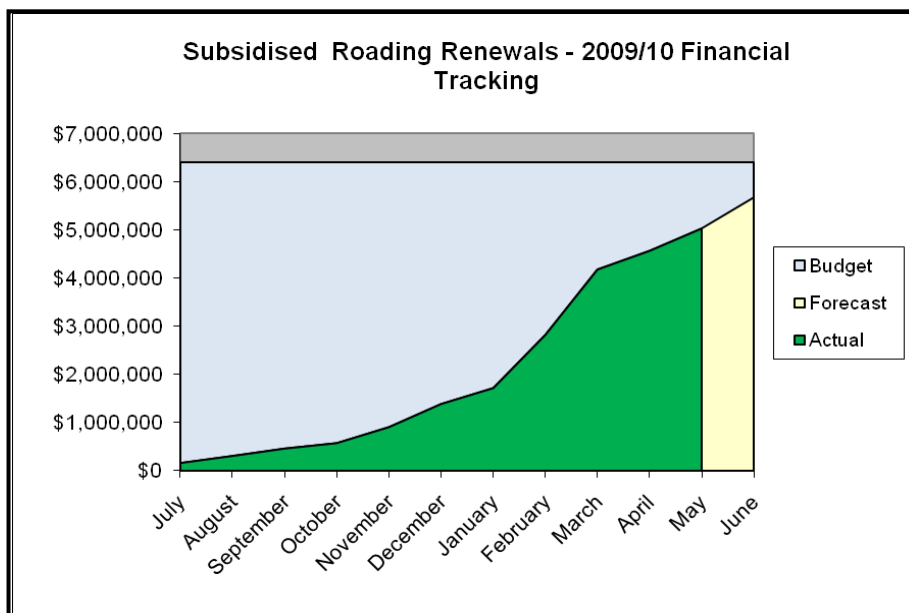
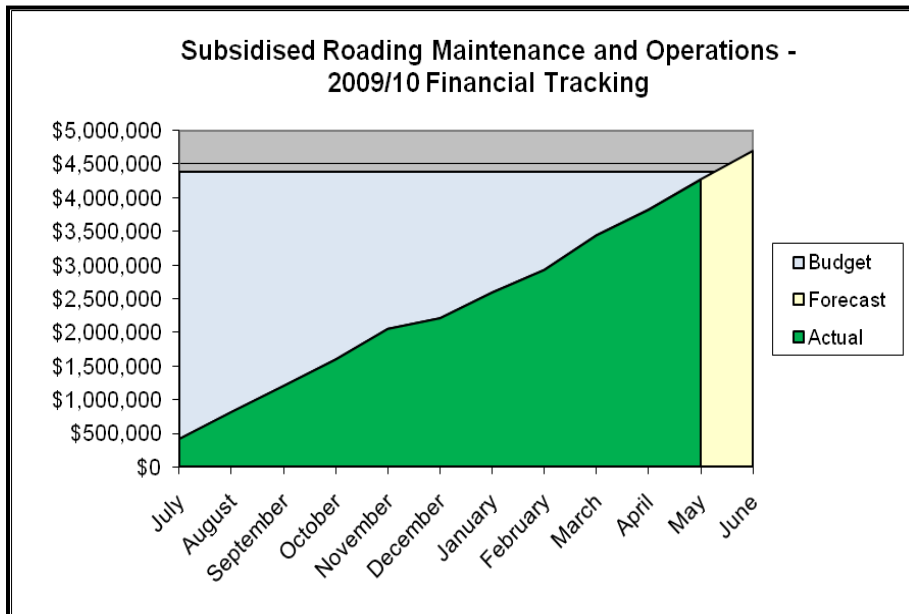


Based on the balanced scorecard approach used to determine the overall contractor performance scores, all contractors have met the minimum requirements of 75% in May.

Good performance from Downers with the flooding cleanup and commitment to resolving contract management issues.

Financial

The following graphs summarise actual and forecast expenditure for the 2009/10 financial year for the subsidised Maintenance and Operations and Renewals categories.



It is estimated that \$350,000 of subsidised funding will be carried forward into the 2010/11 financial year. The NZ Transport Agency have introduced a new feature into their accounting system in 2009/10 to ensure carryovers are processed automatically.

Streetlighting Contract 684

Powertech continue to perform well overall. They had no late CSR's in May. MWH have formally advised Powertech that the NZ Transport Agency plan to take over the maintenance of the streetlight assets on the State Highway Network that are currently managed by Tasman District Council on 1 July 2010. The lump sum per month contract rates have been agreed to be reduced on a prorated basis between Powertech and the Engineer. A similar adjustment back in Powertech's favour will need to be made when Tasman District Council takes over the State Highway asset through Mapua as a result of the Ruby Bay Bypass.

Powertech have been formally invited to roll over their contract for a further year. They have verbally confirmed the roll over but we are waiting for confirmation in writing.

Slips

- Cobb Valley RP 3.6. (Fulton Hogan)

This work has been completed however the road will not be sealed till next summer.

- Aniseed Valley Underslip RP 2.050 (800) (Fulton Hogan)

This contract is underway and is now making good progress

- Kaiteriteri Sandy Bay Rd Gabion wall (Fulton Hogan)

The wall has been completed with only minor tidy up work to go.

- Culvert 8 and Wairoa Gorge – Piltec

The new pinning system will not be used as final estimates shows that the system would be uneconomical and not overcome the risks we are looking for.

2 PROJECTS

Old Mill Walkway

The seawall (Contract 783) has almost been completed with only 30 tonnes of rock to be placed.

Gladstone Road Undergrounding

The undergrounding work for Gladstone Road is due to start shortly. The contracts are being managed by Network Tasman and are worth approximately \$1.6 million. Network Tasman awarded the contracts to Powertech Nelson for the Gladstone Road portion while the undergrounding from the Three Brothers Roundabout along a section of Main Road Hope, Bateup Road and Appleby Highway was awarded to United Group. Network Tasman, Telecom, the NZ Transport Agency and Council are all contributing financially towards the project. The work involves undergrounding the overhead lines including the private connections and upgrading the street lights.

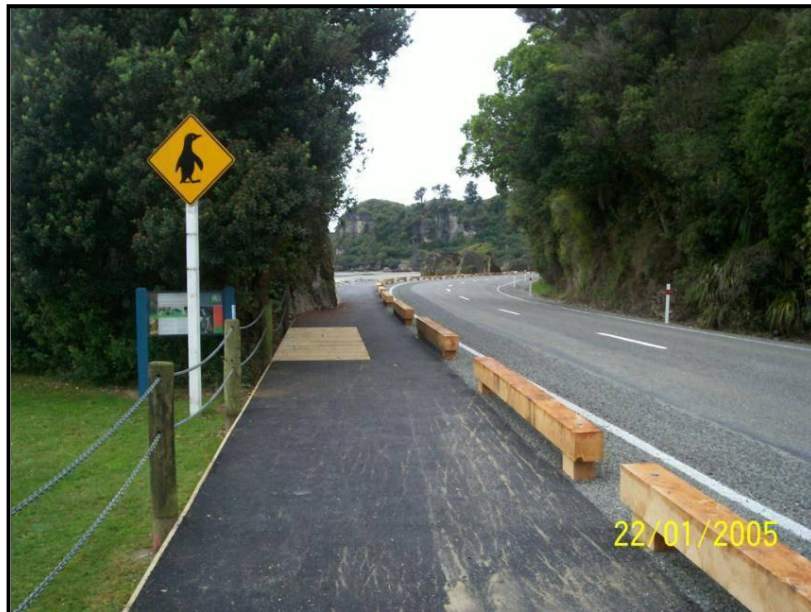
I also note due to the late start of this contract we will be requesting the carry over of funds associated with this project. I will bring a report to the next Engineering Services meeting with a full list of carry overs.

Eighty Eight Valley Road - Seal Extension

This project was completed in early June.

Pohara Seawall & Shared Path

This project is now completed and an opening with the community is planned shortly.



Stringer Road Upgrade

This work is progressing and is programmed for completion in November of this year.

Motueka Valley Highway Widening and Realignment at Peninsular Road (Bridge) Intersection

This work was completed last month by Oldfields.

Cambridge Street - Parking Changes

The road marking changes were undertaken in June with some minor work to be completed including signage and reinstatement back into footpath at the vehicle entrance behind Harcourts Real Estate.

Queen Street Footpath Upgrade - In front of Library

This work has progressed well and at the time of writing is close to completing.

Waimea West Safety Path

This work was completed early in June. A lot of positive comment has been received.



Aranui Road - Footpath Rehabilitation

The rehabilitation work to the shared path along Aranui Road is being undertaken by Oldfields and is due for completion by the end of June.

Pohara Valley Road - Turning-head

This work was completed in June.



3 ROAD SAFETY

Share the road with trucks

A new Sharing the Road project was introduced to two schools with assistance from Grant Turner from the NZ Road Transport Association and David Semaine from Stuart Drummond Transport. This project highlighted the blind spots truck drivers experience especially with children walking or cycling.

The students were given the opportunity to experience this by sitting in the cab of the truck. The effect of wind blast when students are cycling and get overtaken by a truck was also discussed.

Motorcyclists

Planning is underway for motorcycle projects and campaigns for the 2010/2011 financial year (dependant on funding). This will include training courses for a range of skill levels, checkpoints, commuter stops, college checks, billboards and awareness campaigns. Most will be joint projects with ACC and the police.

A procurement procedure is also underway to contract a motorcycle trainer for the 2010/2011 financial year. A flyer has been produced and distributed to motorcycle shops and retailers informing motorcyclists about who to contact if they come across a roading issue.

Speed

Planning is underway for speed related campaigns and projects for 2010/2011 (dependant on funding). These will include speed outside Schools, Pace Car Project and local speed related campaigns using senior school students.

The speed gun has been utilised at Appleby, St Paul's, Mapua, Motueka South, and Motupipi Schools during term two.

Road Safety publication

This was distributed free with The Nelson Mail, Richmond and Nelson Leaders and Motueka and Golden Bay News. Copies were also made available in Council offices and libraries and at all schools to encourage senior students to enter the road code quiz. There has been considerable feedback from a range of different people, all very positive but with some comments on a couple of locations.

School Travel Plans

Parents from Wakefield's Walking School Buses have been nominated for the Nelson Tasman Community Awards and will attend the awards ceremony on 5 July.

Following concerns about school students cycling on footpaths, nearly 200 bells were fitted on to bikes at four schools - Motupipi, Takaka, Central Takaka and Motueka South. This was organised along with the Motueka Police Education Officer.

Accessibility 4 All (A4A)

The next A4A meeting is on August 6. BJ Clark from CCS Disability will be giving a presentation and all Councillors are invited to attend.

Funding

The funding of road safety community programmes is currently being reviewed by the NZ Transport Agency. This review is looking at getting value for the funds the Government spends on this activity area. From the local authorities perspective this is a very important component of Council interaction with the community face-to-face. I will have more details of the changes and the impacts to our road safety programme sometime after September 2010.

4 RIVERS

Rivers Maintenance

The change from the contractor programme to the scheduling of forward work by the consultant has resulted in a change of emphasis on work priorities. An internal audit to check that the AOMP meets all the current requirements and expectations of the Rivers Activity Management Plan has been completed. This has the effect that the contractor will be doing a lot more of some types of work and a lot less of others.

Negotiations with the contractor on their contract income expectations are being carried out. Where quantities of work vary greatly (more than 50%) with the scheduled quantities the contractor can expect to be able to review his rates.

Budget constraints also dictate that the overall contract price cannot be varied.

Crack Willow Management

A request for ideas from the public or businesses interested in making use of the willow logs is being circulated. There is some industry interest reported.

Burning will not be permitted by the Rivers Contractor during the critical winter temperature inversion risk period unless it is a windy day.

Motueka Flood Control Project

A project exclusive *Newsline* format mail-out is being prepared as an information document answering as many of the questions, or myths, that have been aired during the public consultation process.

The major risk evaluation process was begun on project options by the consultants in June 2010.

5 RECOMMENDATION

THAT the Transportation Report (RESC10-07-02) be received by the Engineering Services Committee.

Gary Clark
Transportation Manager