

# STAFF REPORT

**TO:** Chairman and Members, Engineering Services Committee  
**FROM:** Gary Clark, Transportation Manager  
**DATE:** 6 April 2010  
**SUBJECT:** **TRANSPORTATION REPORT – APRIL 2010 – RESC10-04-02**  
Report prepared for meeting of 15 April 2010

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## 1. MAINTENANCE CONTRACTS

A random inspection over the network this month showed that it is being well maintained. Some of the gravel hill passes were getting a little rutted but that can be expected following long dry spells. Grading these roads before they get some moisture will only compound the corrugation issue in a very short timeframe.

Vegetation control is now not the same issue as in mid summer. The contractors are on top of the weed spraying issues in townships. It is expected that with the lessons learnt this season will lead to the contractor being able to better programme the necessary resources for next summer.

All this seasons reseals have been completed with a high standard being achieved. For the first time all the pre-seal work for next season has almost been completed. This will allow for patched areas to cure before reseal takes place next year. This will put us in a very good position to keep on top of seal issues for the years to come. Council staff, consultants and contractors have worked hard to get the pre-seal programme to a point where we are ahead of the maintenance issues.

- **Dust Trials**

Dust trials are still in progress on Eves Valley Road. The trial sections were implemented on 26-27 November 2009. So far the chemical trails have shown that there is no value for money as far as dust suppression is concerned. However the DT20 chemical that was worked into the gravels and compacted may have some economy by holding the gravel in a denser format and this may help minimise potholing and rutting. Only time will tell. All trial sections will be monitored over winter and into the next season to see if there is any ongoing benefit of these products.

## 2. AREA WIDE REHABS AS AT 1 APRIL 2010

- **Umukuri Road**

Main straight overlay completed, some localised areas not quite to standard, suspected to be wet basecourse from rain on Sunday. Seal delayed till Thursday, Further testing will be carried out on Thursday before sealing is permitted to be carried out. Footpath works have started and are 30% completed.

- **Sandy Bay-Marahau Road**

This work is ready to go when Umukuri Road is completed. Site walk-over early next week to confirm works with site foreman. Completion of this site is due 23 April 2010. The works should be completed within the two week programme set aside for this site.

- **Korere-Tophouse Road**

Sealed last Friday. Minor shoulder work and water table tidy up has been completed. This work was completed late in relation to the amended timeframes for the rehabilitation contract.

- **Church Valley Road**

Sealed last Friday. There were some concerns from Council staff so test holes were dug to confirm overlay depths. AP/20 basecourse was applied as a running course and to provide fines to bind up segregated/bony areas. The shoulders were compacted with a plate compactor before sealing. Completion for these works was due on 24 March. This work may possibly be five or six days late if sweeping and road marking is delayed much more.

- **Tadmor-Bushend Road sites 1 and 2**

Work started on site 2 with completion due on 9 April 2010. Works should be able to be completed within the time allotment.

- **Motueka Valley Highway sites 1 and 2**

Ready to go when Tadmor completed. This site is due to be completed on 23 April 2010. The contractor may struggle to complete this site within the time allotment. The consultant and Council staff are monitoring progress to ensure sealing is done before weather is too cold.

In general, practical completion certificates are provided on completion of the work. These are based on road swept/road marked and the road being returned to normal traffic speed/status.

### **3. EMERGENCY WORKS**

Totoranui Slips have been completed.

Ligar Bay on hold until iwi monitor becomes available.

Pupu Springs Road on hold until siltation requirements are resolved. The Department of Conservation would like to let nature take its time to regenerate the area where environmental require instant cover of disturbed areas.

Two small underslips on Riwaka–Kaiteriteri Road (RP 2.75) and Brookland Valley Road (RP 6.75) will be dealt with within the maintenance contract.

- **Tenders**

Aniseed Valley major slip and realignment. Contract No. 682. Kaiteriteri Culvert 7 plus Aniseed 1.5 requiring reinforced soil structures will be let as one contract.

- **Trials**

Kaiteriteri Culvert slip and Wairoa Valley slips have been selected for trialing two different pinning methods. These trials will be carried out near the end of April.

#### 4. COASTAL STRUCTURES

- **Old Mill Walkway Seawall - Contract 783**

Construction is going well with 115 metres completed and another 125 metres up to the top of the filter cloth. There have been no issues and the contract is progressing very well. Total contract length is 515 metres.

- **Mapua Wharf Pontoon replacement**

Progressing at a very slow pace due to boat owner's insurance claim still to be assessed.

#### 5. MAJOR PROJECTS

- **Pohara Seawall**

This work has been awarded to Fulton Hogan and is due to start shortly. Local rock from the Tarakohe Quarry will be used to face the new seawall. The band rotunda is to have the path narrowed around it saving the need to cut-back the wing walls.

- **Eighty Eight Valley Road**

This project is progressing well and is expected to be completed early. All of the earth works as well as the drainage work are completed. Sub-base has been laid to the entire road with the basecourse construction being at various stages. Sealing has been completed for 800 metres from the Wai-iti Valley Road intersection with the remaining length to be sealed with in the next couple of weeks. This project is proceeding well ahead of schedule.



*Sealed section awaiting road marking and trimming of the shoulder batter*



*Excavation works being undertaken through hill at new realigned road section RP: 13.55*

- **Stringer Road Reconstruction**

This work has recently been awarded to Tasman Construction and Dusty Diggers who are keen to provide a partnership approach enabling tendering for similar works in future. The work is due to start in early April and will extend into next financial year as funding is split over two financial years. The work also involves upgrading the intersection of SH60 at Stringer Road with lighting, seal widening and extending guard rails.

- **Umukuri Path - Little Sydney Road to Motueka West Bank Road**

This work is progressing well and is being undertaken as part of the Umukuri Road area-wide pavement treatment by the subcontractor Concrete & Metals Ltd. Hopefully the path should be completed before the end of the school holidays.



*New path being constructed along the Brooklyn School frontage on Mill Road*



- **Motueka Valley Road Widening at Peninsular Bridge**

This work involves road widening and installing a right turn lane on Motueka Valley Highway at the intersection with Peninsular Bridge Road as well as the cutting down of a vertical curve on the highway just south of the intersection. The contractor undertaking this work is Oldfields Limited who has started on site and is expected to be completed by late April subject to the relaying of telecom services.



- **Richmond Ring Route Signage**

Fulton Hogan is presently installing the ring route signs and have so far installed 26 of the 43 signs. Some of the delay is due to gaining land entry agreements where the sign extends into private property due to insufficient width between the road edge and boundary, as well as five signs are awaiting a custom made mounting bracket to eliminate the need for a second pole. There have also been several property owners who do not want the signs mounted on their frontage which has required further work to establish if there is an alternative mounting position.



- **Murchison Recreational Path**

The construction of this path is being undertaken by Fulton Hogan and is in its final phase of completion. Unfortunately the work was unable to be completed last week due to a storm that hit the region requiring emergency works to take priority.



- **Wharf Road Motueka - Walkway**

A combined resource consent for both Land Use and a Coastal Permit was applied for early last month. Unfortunately this combined consent will need to be notified which may prolong the process. This project is a combined effort between Council and Keep Motueka Beautiful. It is hoping construction can start in May 2010.

- **Waimea West Road - Pedestrian Path**

This work was recently awarded to CJ Industries and is to be completed by early May. The path will extend the existing path along the southern side of Waimea West Road from near Malthouse Crescent to the Wai-iti River bridge.

- **Cambridge Street Richmond - On-street Parking Reconfiguration**

This proposal is in consultation with local affected businesses before wider consultation is undertaken. The markings are expected to be constructed late April/early May.

- **Motupipi - School Electronic Signage**

The installation of this work has been delayed by the utility upgrade work being undertaken along Abel Tasman Drive in the vicinity of Motupipi. The new signs are now expected to be installed during the next school holidays in July or sooner if possible. Due to this signage treatment being a trial we wish to ensure good speed data is obtained before the signs are installed; unfortunately the present road works are preventing this. However, an electrical cable connecting the proposed signs to the school has been laid in conjunction with the utility works.

- **Takaka Carpark - Spots**

The carpark is to have a trial undertaken on it which will be featured in the next edition of Newsline and in the media. The proposed large painted green spots on the pavement are intended to break up the large areas of asphalt with colour. This creates a visual clue to motorists that this space is different to a roadway. This technique provides a shared space environment for all road users.



- **Footpath Rehabilitations**

Quotations for this work have been requested and cover both the current financial year 2009/10 and next year 2010/11. Aranui Road shared path is included in this work and is expected to be undertaken within the next couple of months.

- **Gladstone Road Under-grounding**

The contract for this work is being tendered this month and will involve the under-grounding of all over-head telecom and power lines, connections to private properties and installation of new street lights. There are also sections of footpath which will be rehabilitated as part of the work. The work is being funded by Network Tasman, NZTA and Council.

- **Richmond Litter-bin Upgrade**

The new bins are on order from Street Furniture NZ and once delivered will be installed. This project is part of a larger project to upgrade the existing street furniture in Queen Street to match that of Sundial Square. This will provide a consistent theme for the shopping precinct.

- **Collingwood Footbridge**

Consents have been granted for installing a footbridge over a tributary of the Aorere River behind the guard rail at the intersection of SH60 and Collingwood Quay/Collingwood Bainham Main Roads. This work is expected to occur this month and is being funded in

partnership between Council, the NZ Transport Agency and Fulton Hogan. The bridge will become the responsibility of Council once constructed.

## 6. ROAD SAFETY

### • **Motorbikes**

Another training session for motorbikes/scooters was held in the first weekend in March. One day was for the more advanced riders and involved a road ride. One of the highlights of this training was correct cornering techniques as this is one of the main causes of crashes on Tasman roads. The other session was for beginner riders and covered a range of theory and practical sessions, again with a focus on cornering.

In March two checkpoints for motorbikes was held. The first was held towards the end of the day to focus on commuter riders. Each rider that was stopped was checked for correct license and the bike was checked for up to date registration and Warrant of Fitness. This also provided an opportunity to talk to each rider about wearing safety gear and training that was available locally. All of the riders who were stopped had a correct licence for the bike they were riding and most were wearing safety gear. The other checkpoint was held on a Sunday to catch the weekend rider. This was a very successful stop. The police were involved and checked every vehicle on the road including all motorcyclists. This provided an opportunity to talk to motorcyclists about what they perceived as road safety issues – this information is still being collated. This was a joint project with the police, Nelson City Council and ACC. The safety issues of this group are identified as a major concern across the country.

### • **Bikewise**

The Richmond/Nelson family fun ride was held on Saturday 6 March. There was a good turnout with just over 200 cyclists taking part. Previously Nelson City Council have organised and majority-funded this event however this year they decided to invest their funds in other cycling initiatives. Cr Edgar along with Council staff organised volunteers and made the event happen. I am sure the community would like to thank Cr Edgar for devoting time to this event. The Motueka ride was postponed until June due to the tsunami warnings.

For the Bikewise Challenge Tasman District Council in the employees 100-499 category was fourth in New Zealand with 48% of staff cycling a total of 10,795 kilometres. This is an excellent result when considering the rural nature of the district.

### • **Rotary Youth Driver Awareness (RYDA)**

This project ran between 22–26 March and involved most Year 11 students from Tasman and Nelson colleges. Only Motueka High and Collingwood School were unable to attend. Each school spent a whole day at the A&P showgrounds and the students attended six different sessions during the day. The topics covered included:-

- Safe partying;
- Its your choice and consequences;
- Hazard awareness and defensive driving;
- Budgeting and insurance advice; and a
- Stopping distance demonstration.



In addition to the programmed events during the lunch break students had access to the crashed car on trailer (“Thirsty Thursday”) and the seatbelt sled.

It was a very successful week with great feedback from all schools that attended, both from the teachers and the students. There were different groups and organisations involved in the week including the police, ACC, local Rotary Clubs, Nelson City Council, the Brain Injury Trust and a local driving instructor.

- **Budgets**

The NZ Transport Agency have stated they will fund road safety projects for the first three months of the new financial year – although this actual figure will not be released until 3 May.

An application is currently being drafted for the 2010/12 year. This will now be aligned with the Safer Journey Strategy and the Communities at Risk Register. This must be submitted by 7 May and actual budget allocations will be released on 6 September.

## 7. TENDERS

| No. | Contract name                | No. of tenders | Successful tenderer                 | Amount      | Highest amount | TDC estimate | Budget for this item | Comment  |
|-----|------------------------------|----------------|-------------------------------------|-------------|----------------|--------------|----------------------|--|
| 786 | Stringer Road reconstruction | 6              | Tasman Construction & Dusty Diggers | \$1,253,247 | \$1,460,742    | \$1,616,677  | \$1,819,976          | Budget amount spread over two financial years  |
| 789 | Bridges Structure Components | 3              | Fulton Hogan                        | \$104,595   | \$184,845      | \$163,020    | -                    | Part only of total Bridges Renewals budget     |
| 797 | Pohara Seawall and Path      | 3              | Fulton Hogan                        | \$234,939   | \$300,090      | \$304,342    | -                    | Funding from several different work categories |

## 8. RECOMMENDATION

**THAT** this report be received.

Gary Clark  
**Transportation Manager**