



KEMPSEY
Shire Council

DIRECTOR SHIRE SERVICES REPORT

3rd February 2009

DSS8 MR198 (SOUTH WEST ROCKS ROAD) REHABILITATION WORKS
FILE: 211 WCB (NRN) {Folio No. *}

SUMMARY:

Reporting on the status of MR198 (South West Rocks Road) Rehabilitation Works expenditure.

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DESCRIPTION:

Overview

Three sections of MR198 (South West Rocks Road) were indicated in the Capital Works Program as locations where rehabilitation works are required to be undertaken as part of the Regional Roads Maintenance and Repair Program.

There is significant over expenditure on the two sections which have been rehabilitated so far.

Section 1: Chainage 19.09-19.69km

During construction of this section unexpected cement stabilised subbase was encountered. On removal of this material extremely wet subgrade conditions were encountered. The wet subgrade had to be removed and a blanket drainage layer and subsoil drainage had to be constructed to remove excess water from the subgrade. There was no allowance for this in the original scope of works. The new pavement could then be constructed on this new subgrade.

Poor weather conditions were experienced during the works. There was a total of 14 days on which rain occurred. Work was prevented on 7 days and reduced productivity occurred on the remaining seven days.

The budget allocation for this section was \$95,000. The final expenditure is \$125,000.

Section 2: Chainage 28.69-29.09km

This section was constructed upon existing fill material. The road was widened on this fill in accordance with the RTA specifications for a Regional Road. As the road was widened on this existing fill soft spots were likely to form. Shoulder support was constructed to reduce the

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likelihood of this occurring. Additionally, to protect the trimmed surface over the Christmas period and associated increased traffic flow a primer seal was applied. This primer seal requires the application of a two coat seal to finish the job.

As experienced with Section 1, poor weather conditions occurred. There were a total of 17 days on which rain occurred during the construction period. This equated to 11 days of reduced productivity.

The budget allocation for this section was \$70,000. The final expenditure is expected to be \$105,000.

Section 3: Chainage 19.79-20.19km

This section has not been started due to the difficulty in construction, wet weather delays and the expenditure on Sections 1 and 2.

Financial Implications

| Section | Chainage | Budget Allocation | Actual Expenditure | Variance |
|----------------|-----------------|--------------------------|---------------------------|-----------------|
| 1 | 19.09-19.69 | \$95,000 | \$125,000 | -\$30,000 |
| 2 | 28.69-29.09 | \$70,000 | \$105,000 | -\$35,000 |
| 3 | 19.79-20.19 | \$70,000 | \$3,000 | \$67,000 |
| Totals: | | \$235,000 | \$233,000 | \$2,000 |

Due to the expenditure on Sections 1 and 2, Section 3 cannot be rehabilitated at this stage.

RECOMMENDATION IMPLICATIONS:

- ***Environmental***

Nil

- ***Social***

The primer seal on Section 2 is only a temporary measure to protect the trimmed surface prior to final sealing. A two coat seal has been allowed in the above expenditure figures to complete Section 2.

- ***Economic (Financial)***

It is recommended that funding from Section 3, Chainage 19.79-20.19, is reallocated to Sections 1 and 2 to cover the additional expenditure in each of these sections within the 2008-2009 Regional Roads Maintenance and Repair budget. The remaining \$5,000 can be reallocated to other works on this road (shoulder widening).

- ***Policy or Statutory***

Nil

- ***Director's Review***

This project encountered subgrade that was not anticipated and suffered considerable periods of inclement weather.

RECOMMENDATION:

That the funding allocation for Sections 1 and 2 be increased by \$65,000 and this amount be accommodated by transferring \$65,000 from the budget allocation of Section 3. The remaining \$2,000 can be transferred to other work on this road.

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Bruce Morris
DIRECTOR SHIRE SERVICES