

STAFF REPORT

TO: Chairman and Members, Engineering Services Committee

FROM: Gary Clark, Transportation Manager

REFERENCE:

DATE: 25 June 2009

SUBJECT: MINOR WORKS PROGRAMME

1 PURPOSE

The purpose of this report is to provide information on the Minor Improvements Programme for 2008/09. There have been a number of changes over the year and it is prudent to provide the Committee with the programme of works that will be completed this financial year.

2 BACKGROUND

The Minor Road Improvements by NZTA has a current budget of \$874,000 and includes professional fees. The funding is subsidised by NZTA at a funding assistance rate (FAR) of 59%. This work category is very useful as it enables Council to undertake safety improvement works of a minor nature to a maximum value of \$150,000, without needing to undertake an economic evaluation. Often many of the sites have no crash history or this is very low however there may be a history of near misses. The sites are generally identified by both roading personnel and road users, and are situations or factors that pose a higher risk and thereby low cost solutions can reduce the chances of a potential crash.

The average cost of an accident including social costs on a road with a 100kph speed environment and regardless of vehicle type and movement ranges from \$23,000 for a minor injury accident to \$3,400,000 for a fatality.

Under the Government's Road Safety Strategy 2010 the goal is to bring New Zealand's road safety performance in 2010 up to the level already experienced by the safest countries in the world.

Projects are usually identified at the beginning of the financial year and are often in line with the Ten Year Plan expectations. There are changes that occur to the programme over the year due to costs, resource consent requirements and other issues. Accordingly the programme is modified to meet these requirements with new projects being adopted and other deferred. Council was provided with the expected Minor Works Programme in October 2008.

3 COMMENT

The table below reproduces the Minor Improvements Programme presented to the Engineering Services Committee in October 2008 and provides a status of these individual projects.

ROAD/TREATMENT	PROBLEM DEFINITION	STATUS
Holdaway Road Splash (Current Commitment)	Poor alignment at new splash approach	Completed
Aorere Bridge - Guardrail (Current commitment)	Guardrail modifications required at vertical curve on bridge approach	Completed
Bridge Valley Road - Improved alignment (Current commitment)	Poor geometry along sections of proposed seal extension. Speeds will increase after sealing	Completed
Black Bridge (Current commitment)	Poor geometry on approach to bridge	Completed
Black spot review - Crash analysis	Review sites identified with crash history and undertake low cost improvements or investigate long term solutions	Completed
Curve shape corrections – District-wide (from high-speed data analysis)	Poorly shaped/adverse camber curves causing loss of control or near misses.	Completed
Road delineation upgrades – District-wide	Poorly delineated main routes	Completed
Rural school dynamic signs	Increase awareness of children present and hence reduce speeds	Completed for design. Budget to be set for work
Moutere Highway between Upper Moutere Town and Maisey Road (Cut Hill)	Loss of control crashes - poor alignment, narrow width combined with speed and shaded corners	Completed for design. Budget to be set for work
Upper Moutere Village - Traffic Calming	Reduction in speed limit to 50km/h requires positive traffic calming measures to aid compliance	Completed
Lower Queen Street / Swamp Road Intersection	Speed on approach to intersection, lack of width on Queen Street for through and turning traffic	On Hold
Motueka Valley Highway at Mytton Heights Intersection	Design realignment and produce land plan if required	On Hold
Waverley St - Pedestrian facilities and threshold treatment	Many pre-schools and school in area. Wide carriageway a concern for pedestrians	Completed
Moutere Highway/Wilson Road intersection - widening	Tight radius at intersection	Completed for design. Budget to be set for work
Oxford Street / Wensley Road intersection	High crash rate	Completed for design. Budget to be set for work

Wensley Rd / Waverley St Intersection	Poor sight distance	Completed for design. Budget to be set for work
Umukuri/Swamp Road intersection - Intersection treatment	Increase in crashes	Completed
Wensley Road / Surrey Rd intersection	Poor sight distance	Completed for design. Budget to be set for work
Wensley Road / Queen Street Raised pedestrian platform	Pedestrians vulnerable when crossing Wensley Road	Completed
Lower Queen Street / Stratford Street intersection	Requires right turn lane	Completed for design. Budget to be set for work
Waimea West/Palmers Road intersection	Pole close to road narrow seal, right turning traffic impedes through traffic	Completed for design. Budget to be set for work
Waimea West footpath	Pedestrians walk on road to access river on outskirts of Brightwater	Completed for design. Budget to be set for work
Aranui Road pram crossing/kerb realignment	Improve pedestrian access	Completed
Motupipi Street corner near Meihana Street and beside Fonterra Factory	Pedestrians walk on narrow shoulder close to moving traffic	Completed
Abel Tasman Drive lighting upgrade	Flag lights at various intersections	Completed for design. Budget to be set for work
Motueka Valley Highway - Between Woodman's Corner and Ngatimoti	Trees growing close to edge of road, some dead or clinging precariously to bank	Completed
Streetlight upgrades in various urban areas	Old light technology and poor lighting	Part Completed
Krammer Street / Thorp Street streetlight	Light required	Completed
Arrow Street / Edward Street Wakefield - Pedestrian facility	Identified as issue from Wakefield School Travel Plan	Completed
Edward Street Wakefield - Kea Crossing	Identified from Wakefield School Travel Plan	Completed
Paton Road vertical curve between White and Ranzau Roads	Poor alignment and limited sight distance	Completed for design. Budget to be set for work
Tutaki Road South - Widening	Narrow section of road with high truck use and no safe passing opportunities	Completed
Tadmor-Bushend/Fairhall Road intersection	Lack of visibility as well as steep approach from side road	Completed for design. Budget to be set for work
Tadmor-Bushend Road - Sherry River Bridge approaches	Extend seal on approaches to bridge and include Hewitt Road intersection	Completed for design. Budget to be set for work

Kaiteriteri-Sandy Bay Road	Various Corner improvements	Deferred
Hamama Road Stock Underpass	Subsidy allocation for proposed stock underpass	Deferred
Wangapeka River road widening at route position 4km	Narrow section of road with no safe passing opportunities - logging trucks using road	Completed

As shown above most of the projects have been completed that were set aside for the Minor Improvements Programme. A number of jobs were for design only with the estimates prepared to allow for future programming. Some projects have been put on hold and/or deferred. In addition to the projects above, other works were carried out to ensure Council committed the funds set aside for this activity and to gain full NZTA funding. The table below shows the other completed projects.

ROAD/TREATMENT	PROBLEM DEFINITION	STATUS
Motueka Valley Highway – McLeans Corner	Poor horizontal geometry	Design completed
Harley Road Seal/Realignment	Realign	Completed
George Harvey Road Culvert Extensions	Extend culverts, widen and seal shoulder	Design completed
Lansdowne Road driveway	High crash rate at commercial driveway	Completed
Motueka Pedestrian Ramps	Various sites	Completed
Pearse Valley Guardrail	Seal bridge approaches	Completed
Motueka Valley Highway – Peninsular Bridge Widening	Widening of cycleway near bridge	Design completed
Wildman Queen Victoria kerb and channel	Install kerb and channel	Completed
Bert Ale Culvert	Install culvert	Completed
Umukuri and Old Mill Safety footpath		Design completed
Motueka Valley Highway Guardrail at RP 8.02		Design completed
Cycle stands – Edward and Queen Streets	Install cycle stands	Completed
Salisbury Road Bus Shelter	Install bus shelter	Completed
Motueka footpath tactiles	Install pedestrian tactiles	Completed
Dominion Road tree removal	Remove trees	Completed

As shown there has been very good progress in addressing a number of issues on the Tasman District Council's road network. There are a number of projects that have been designed and are waiting for the new funding allocation for 2009/10 to start construction

work. It is expected that there will be a \$50,000 overspend on this activity which will be covered by a surplus in non-subsided works. This overspend will ensure that we gain all of the 59% subsidy from NZTA for the work area.

A new Minor Works Programme will be prepared for this financial year and presented to the committee for approval early in the new financial year.

4 RECOMMENDATION

4.1 THAT this report is received.

Gary Clark
Transportation Manager