



5. CARISBROOKE STREET AND EUREKA STREET CLOSURES

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Corporate Plan Output: Road Safety 9.5 text 38	

The purpose of this report is to provide the City Services Committee with the information requested on:

“which streets will be used as alternatives to the streets to be stopped and what the traffic effects on these streets will be.”

Eureka Street carries 1,500 vehicles per day with a peak flow between 4 and 5 pm. It has been estimated using surveys in the area that 4% of this volume is through traffic which does not have to travel through the area. Approximately 70% of vehicles surveyed enter or leave Eureka Street from or to the north-west. After the closure of Eureka Street these vehicles would continue to access the area from Wainoni Road using streets like Hampshire Street and Portsmouth Street.

Carisbrooke Street carries 900 vehicles per day peaking between 4 and 5 pm. It has been estimated that 12% of traffic is through traffic. Approximately 60% of vehicles surveyed enter or leave Carisbrooke Street to or from the south-east. When Carisbrooke Street is closed with Stage 2 of the expressway, these vehicles would continue to access the area from Pages Road using Farnborough Street, Portchester Street, Rowan Avenue and Marlow Road.

Because Farnborough Street is the first street from Bexley Road it is likely that a large percentage of these vehicles will initially use Farnborough Street to access the area. Farnborough Street currently carries 212 vehicles per day. As the subdivision develops this number will increase significantly. Farnborough Street subdivision has already got traffic calming in place which meets the requirements set out in the Aranui LATMS. The average speed measured over a seven day period was 37 km/hr with an 85th percentile of 48 km/hr. These figures in this environment do not justify any additional traffic calming measures at this time.

The closing of Eureka Street and Carisbrooke Streets will increase the traffic flows on other streets in the Aranui/Wainoni area, particularly on Hampshire Street and Farnborough Street.

Traffic calming in the Aranui/Wainoni area would be installed when the effects of the changes can be measured and a rating is achieved sufficient to gain funding under the Neighbourhood Improvement Works programme. It is not proposed to fund such work as part of the expressway project. Works with the expressway are indicated in the Aranui LATMS attached.

Chairman’s

Recommendation: That the information be received.