

## 4. PETITIONS

### 4.1 CHRISTIAN STREET

RR 9381

<b>Officer responsible</b> City Streets Manager	<b>Author</b> Brian Boddy Area Engineer
Corporate Plan Output: On-street Traffic Management	

The purpose of this report is to advise the Community Board that a letter has been received from eighteen residents in Christian Street requesting that: -

- “There should be some restriction to the speed in Christian Street”.
- “Some warning signs be installed at the corner of Christian Street and Pitcairn Crescent”.
- “The different options be discussed” with them.

The Area Engineer has organised speed and vehicle counts and will be investigating the situation over the next few weeks. As soon as the information becomes available a report will be made to the Board.

**Recommendation:** That the petition be received and staff report to the May Board meeting.

#### Chairman’s

**Recommendation:** That the above recommendation be adopted.

### 4.2 RHODES STREET

RR 9381

<b>Officer responsible</b> City Streets Manager	<b>Author</b> Brian Boddy Area Engineer
Corporate Plan Output: On-Street Traffic Management	

The purpose of this report is to advise the Board of the results of a survey of the existing traffic patterns in Rhodes Street and possible actions in response to a petition from the residents requesting that the street be made into a cul-de-sac.

#### BACKGROUND

A Traffic Survey taken from Friday 5 February to Friday 12 February inclusive revealed the following traffic patterns:

- The average number of vehicles using the street from Monday to Friday is 960 per day.
- The average number of vehicles using the street on Saturday and Sunday is 563 per day.
- 85% of the vehicles travel at a speed of less than 44 k.p.h.
- There are three peaks in the vehicle flow patterns of :-
  - 165 vehicles per hour between 8.00am and 9.00am Monday to Friday
  - 107 vehicles per hour between 5.00pm and 6.00pm Monday to Friday

-104 vehicles per hour between 3.00pm and 4.00pm Monday to Friday

At these peak times, queue lengths of up to six vehicles have been observed in Rhodes Street at its intersection with Rossall Street.

The above figures demonstrate there is not a traffic safety problem with vehicles speeding and/or using Rhodes Street as a short cut at the present time. There is however an inconvenience factor for residents trying to exit Rhodes Street onto Rossall Street at peak times because of the vehicle queuing across some of their vehicle entrances in the mornings and the wait to get out to Rossall Street.

Fifty-five local residential properties would be expected to use Rhodes Street as their normal access. These include some residents in Helmores Lane and all those in Desmond Street. Vehicle numbers would suggest that approximately 400 vehicles from outside the area could use the street each weekday and an insignificant number at weekends. The maximum flow of vehicles acceptable in a local road is 3,000 vehicles per day. If Rhodes Street were to be blocked off to through traffic, approximately 500 to 800 vehicles per day would be diverted to other streets.

Rhodes Street is on the list of streets requiring kerb and channel renewal in the future.

#### **OPTIONS**

Below are three options, two of which will involve capital expenditure that has not been allowed for in the five year Capital Works Programme. The earliest any capital work could be done, without substituting for existing work in the Fendalton/Waimairi community may be 2004/05.

The following are the options available to the Board: -

1. That no action be taken.
2. That a threshold be constructed in Rhodes Street at its intersection with Helmores Lane to reduce the number of vehicles using Rhodes Street as a short cut and to slow down the traffic entering the street off Helmores Lane. This work could be when the kerb and channel is renewed in this section of Rhodes Street.
3. That the west end of the street be reconstructed to prevent the direct access of vehicles between Rhodes Street and Helmores Lane which also could be done when the kerb and channel is renewed in this section of Rhodes Street.

**Recommendation:** That a threshold be constructed in Rhodes Street at its intersection with Helmores Lane and that the work be submitted for inclusion in the 2004/05 Capital Works Programme.

#### **Chairman's**

**Recommendation:** For discussion