

Timaru Barnes Dance Trial



Fivepower Systems Ltd
12 Meremere Street
Timaru, New Zealand





Stafford Street

Main Commercial Street

1996 - SH traffic moved to new bypass

1998 - paving, trees, rumble strips, bus routes modified

2008 - 30 km/hr zone introduced

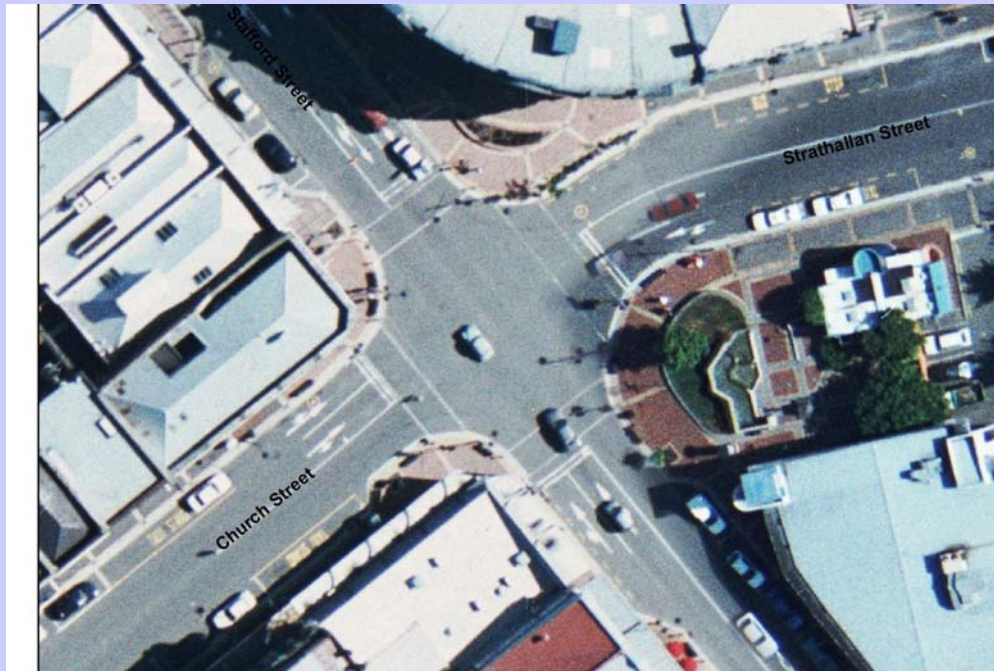
More pedestrian priority/accessibility wanted

Stafford St / Church Street Intersection

Standard two phase intersection, parallel pedestrians, shared lanes

Usual timings

ADTs about 7000 vpd/leg



Barnes Dance Trial

- 12 months
- Consulted with NZRFB
- publicity, stickers on poles, temporary signs
- Four phases, two vehicle, pedestrian and all red
- Kerbing already flush



During Trial:

- Adjusted audio signal down
- Adjusted phase timings down
- Ped phase: 19 seconds clearance
- Vehicle phases 15-20 seconds

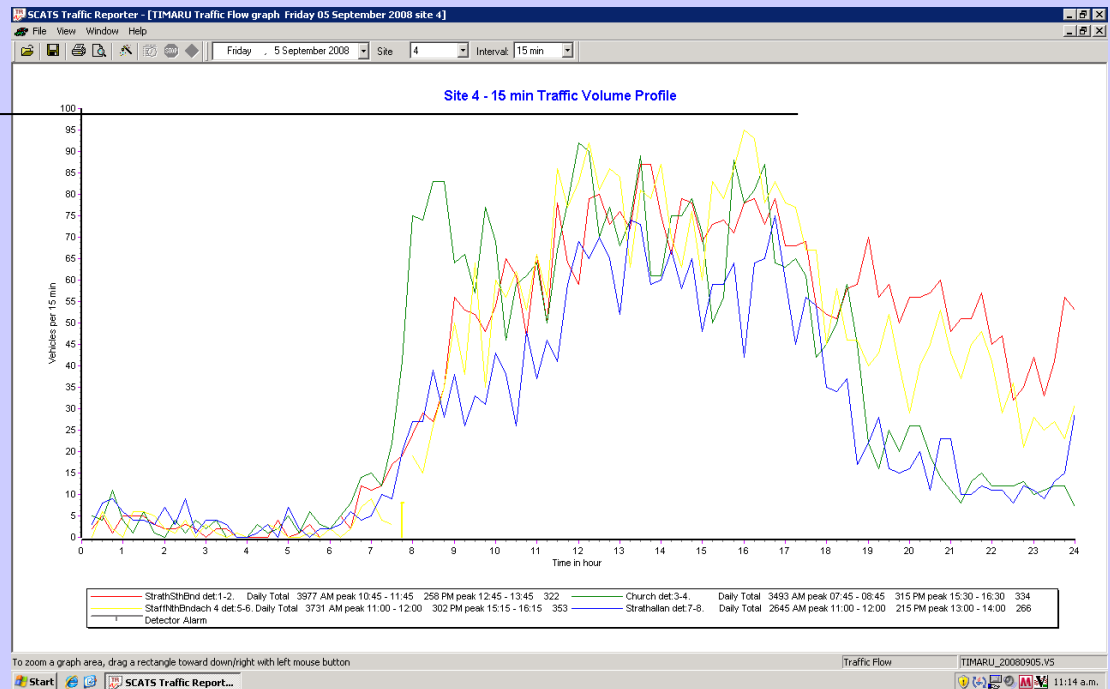
- Adopted by public quickly
- Jaywalking became less

- Scats – monitoring only

Traffic Volumes:

100

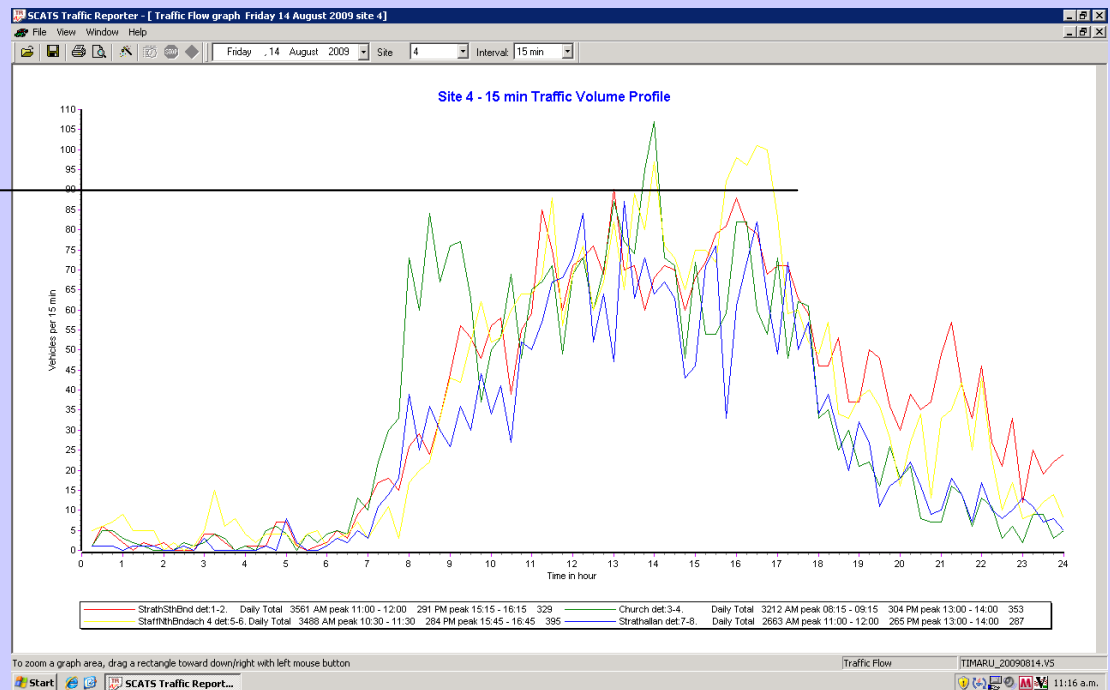
Typical Friday
before:



Typical Friday
after:

100

Xmas - busier



Features

- Short pedestrian walking distances
- Maximum vehicle phases are similar to pedestrian
- Jaywalking has not proved to be an issue
- Shared lanes + turning vehicles, good traffic flow
- No pedestrian crashes before or after
- Perceived safer for pedestrians
- All red phase works well at nights

Successful Trial

Permanent tactile kerbing needed

Standard Audio for Barnes Dance?



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