

Route Optimisation

Progress update



Regional Route Optimisation Programme

- **Optimise the Arterial Road network on a four year cycle**
 - **Nov 2010-June 2011** optimisation of key under performing links, intersections and setup four year programme
 - **Year 1 (11-12)** Setup resources, funding and programme complete 10% of network
 - **Year 2 (12-13)** Database development, standardise procedures +30% of network 40 % complete
 - **Year 3 (13-14)** Continued training and learning +30% of network 70% complete
 - **Year 4 (14-15)** Maintain and develop systems +30% of network 100% network optimisation, route reviews from year one or as required

Route Optimisation Programme 2011– 2012

- **Three major routes with full traffic signal route optimisation completed as at April 2012**
 - Symonds Street – Central Transport Corridor
 - St Lukes Road – New North Road to Dominion Road
 - Dominion Road – View Road to King Edward Road and Dexter through to Marsden Road

Additional optimisation projects

- **In addition to the above route optimisation, reviews and improvements have been done between Nov 2010 and April 2012 at some intersections on the following routes to improve traffic flows.**
 - Ponsonby Road
 - Karangahape Road
 - Mt Eden Road
 - Gillies Avenue
 - Remuera Road
 - East Coast Road (Greville to Sunrise)
 - Roscommon Road / Wiri Station Road
 - Onewa Road / Lake Road
 - Albany Highway / Upper Harbour Highway
 - Lincoln Road
 - Great North Road (Kelston-Glendene)
 - Great South Road (Takanini and Manurewa)
 - Quay Street, Fanshawe Street and Customs Street (RWC)

Route Optimisation Programme 2011 – 2012

- **Major routes with full route optimisation in progress**
 - Broadway
 - Great South Road
 - Broadway to Central Park; EP Highway to Princess Street, Mangere to Nicholson
 - Greenlane East
 - Greenlane West
 - Khyber Pass

Results so far (as at end March 2012)

- For completed full route optimisation projects

Travel time savings	420,086		hours
CO₂ emission reduction	1,388		tonnes
Fuel savings	559,527		litres
First year benefits	7.59		\$ million
Cost	0,19		\$ million
First Year Benefit/Cost ratio		39.9	

Next steps

- Complete programme of work for 2011-2012 and report results in August
- Confirm programme for 2012-2013 and commence work in July

Regional Route Optimisation Maps

