

# SCIRTING THE CITY



# I WILL COVER:

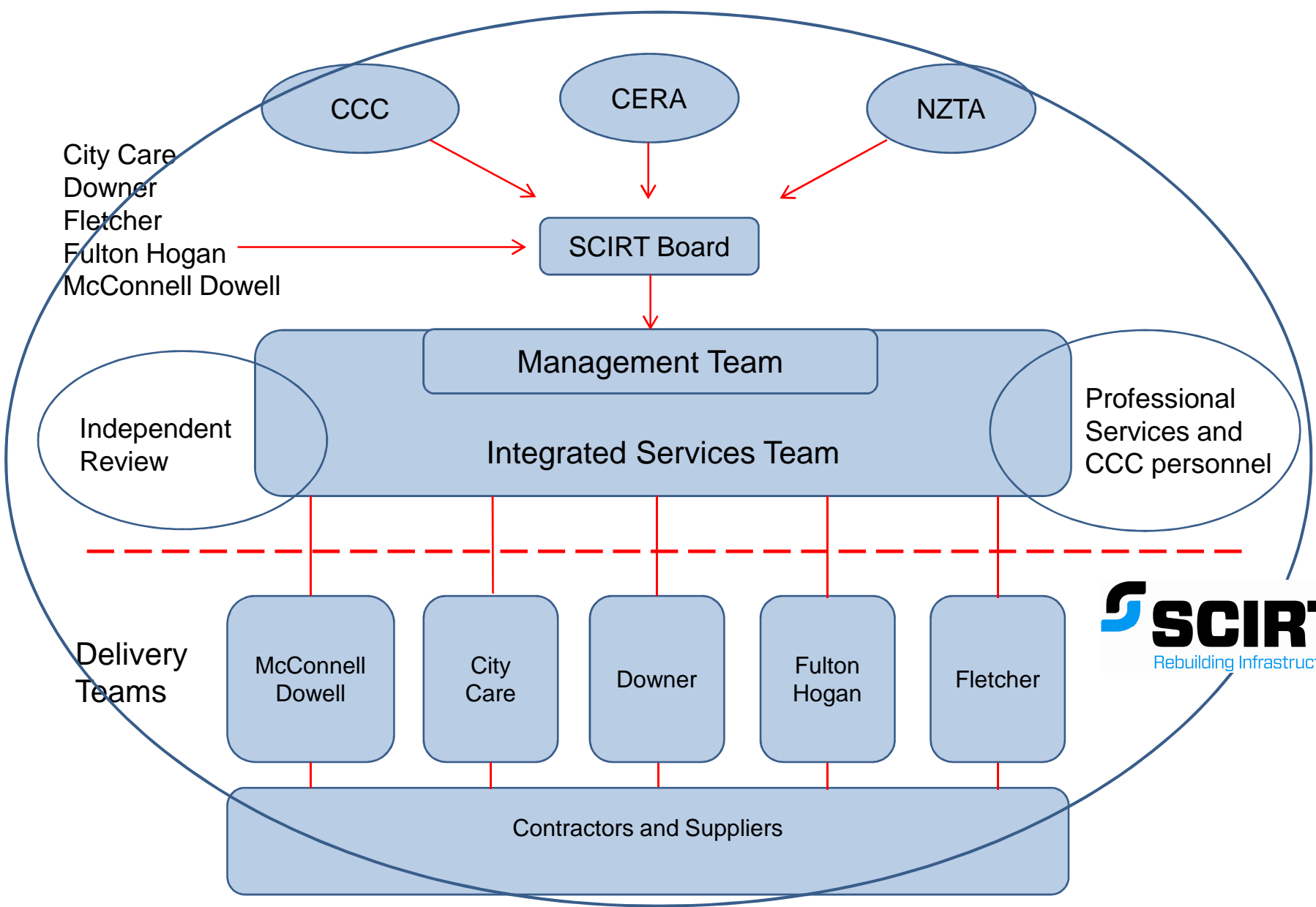
- *Who we are*
- *The size of the works*
- *The tools we use*
- *The future*

# SCIRT – The Infrastructure Delivery Model



SCIRT mindset = “Best for Communities”

People of Christchurch and New Zealand



City Care  
Downer  
Fletcher  
Fulton Hogan  
McConnell Dowell

Independent Review

Professional Services and CCC personnel

Delivery Teams

McConnell Dowell

City Care

Downer

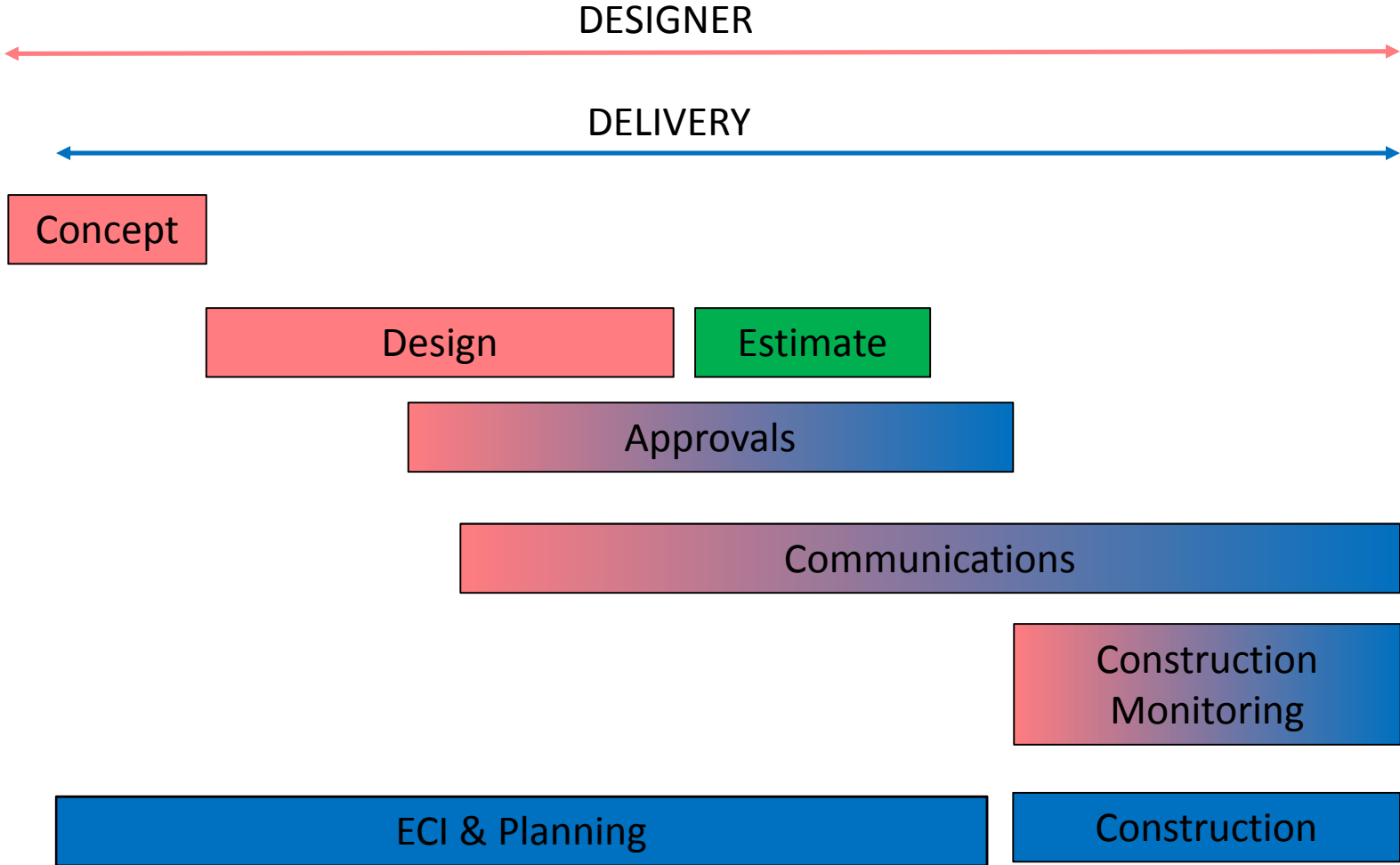
Fulton Hogan

Fletcher

Contractors and Suppliers



# Process – SCIRT



# WE ARE HERE FOR:

*Creating resilient infrastructure  
that gives people security  
and confidence  
in the future of Christchurch*



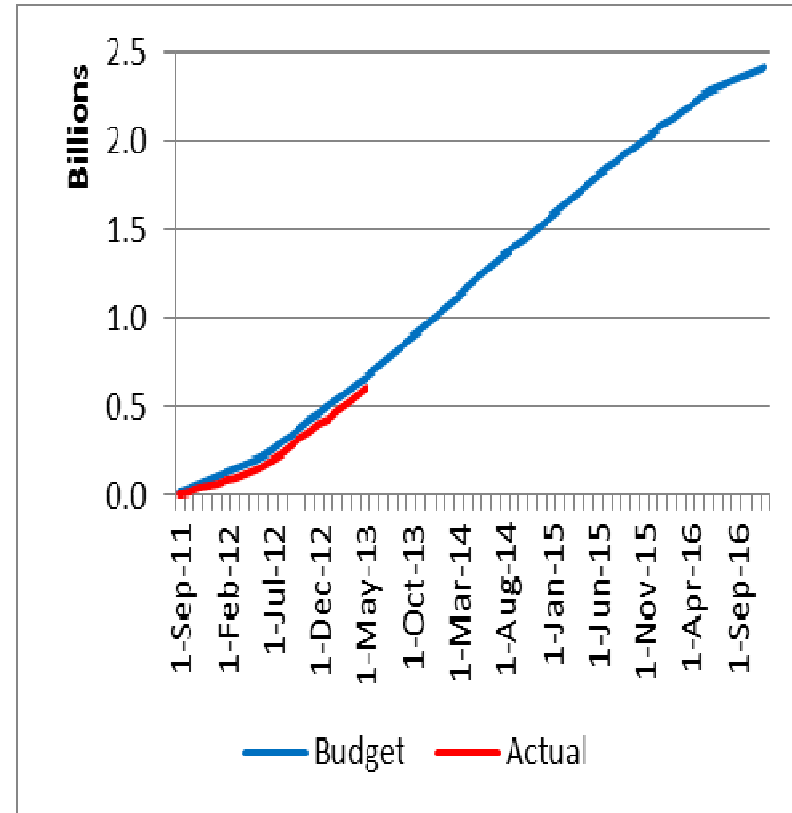
# Statistics...

**Target Estimate \$2.5 billion**


**We must finish by December 2016**

**We have over 1700 people working on the project**

**We have over 250 STMS's and associated people working on the project**



# Work to be done

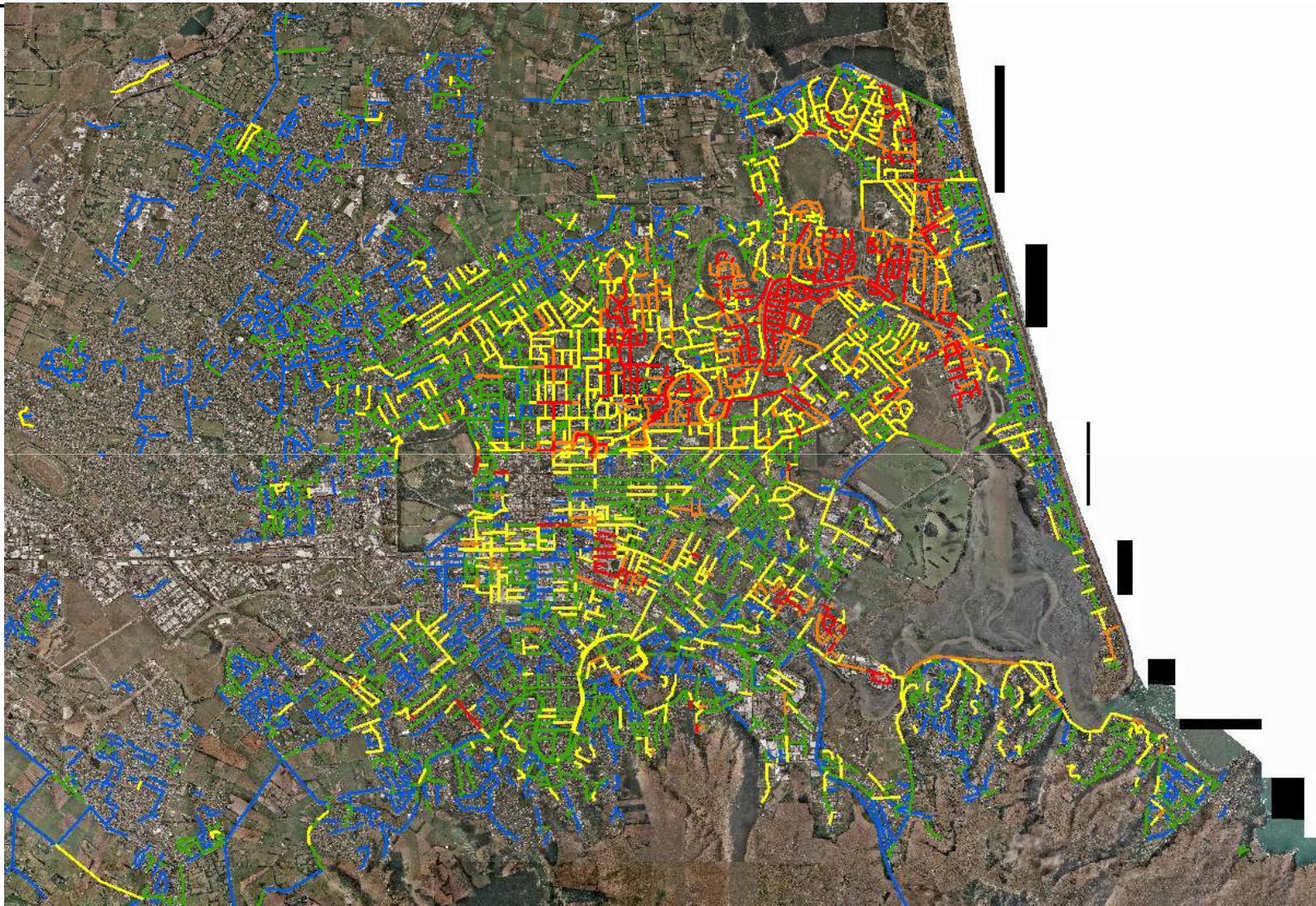
	Asset	Replace/ Repair	%	Cost (\$ million)
Water Reticulation (km)	124		\$160	
Sewers (km)	<b>528</b>	31%	\$750	
Sewer Pump Stations (No.)	100			
Storm Water (km)	100	11%	\$120	
Road - Residential only (km)	<b>1021</b>	52%	\$770	
Foot Bridges (No.)	51	78%		
Road Bridges (km)	96	72%	\$200	
Retaining Walls	600			



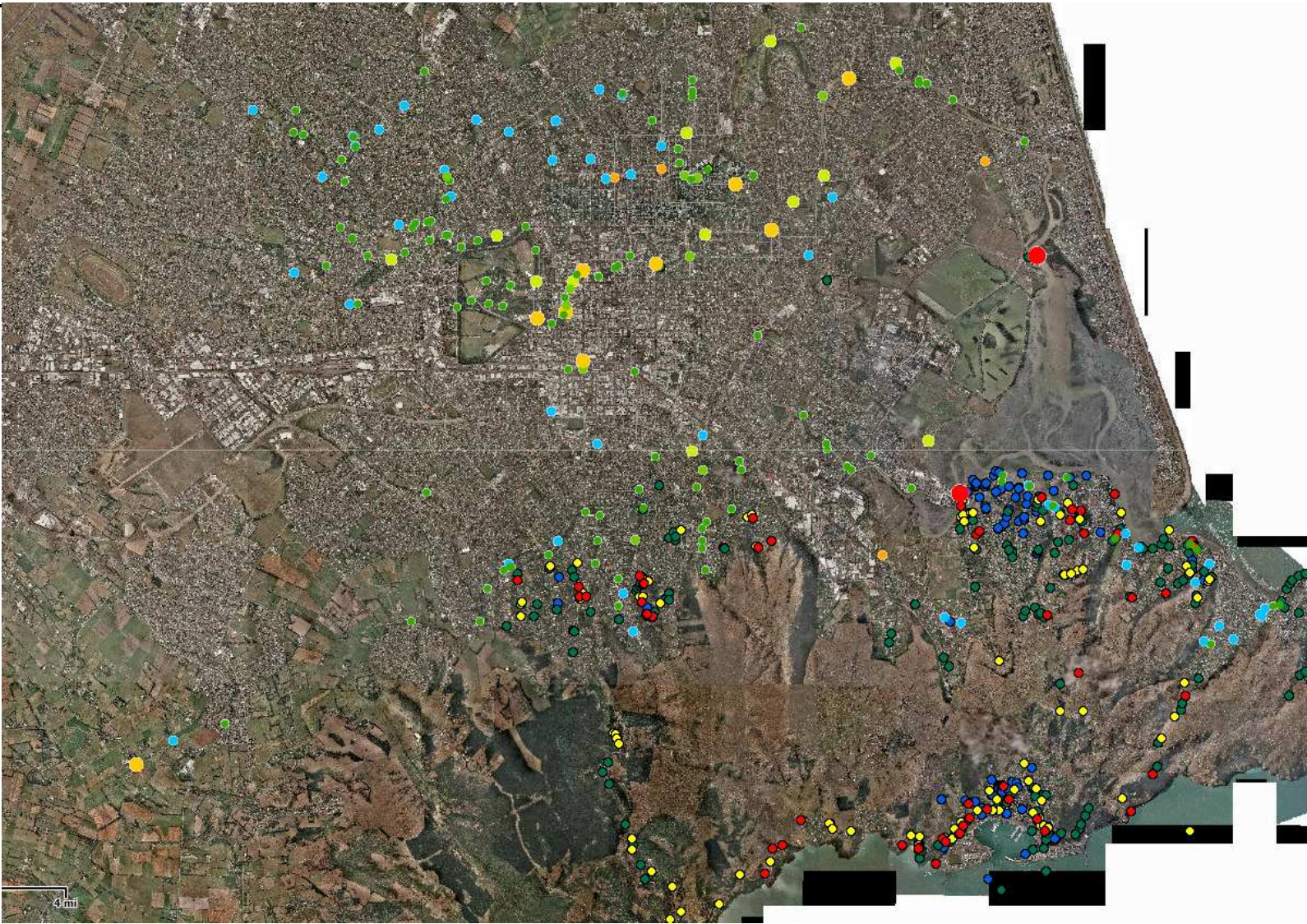
# WW & SW Damage



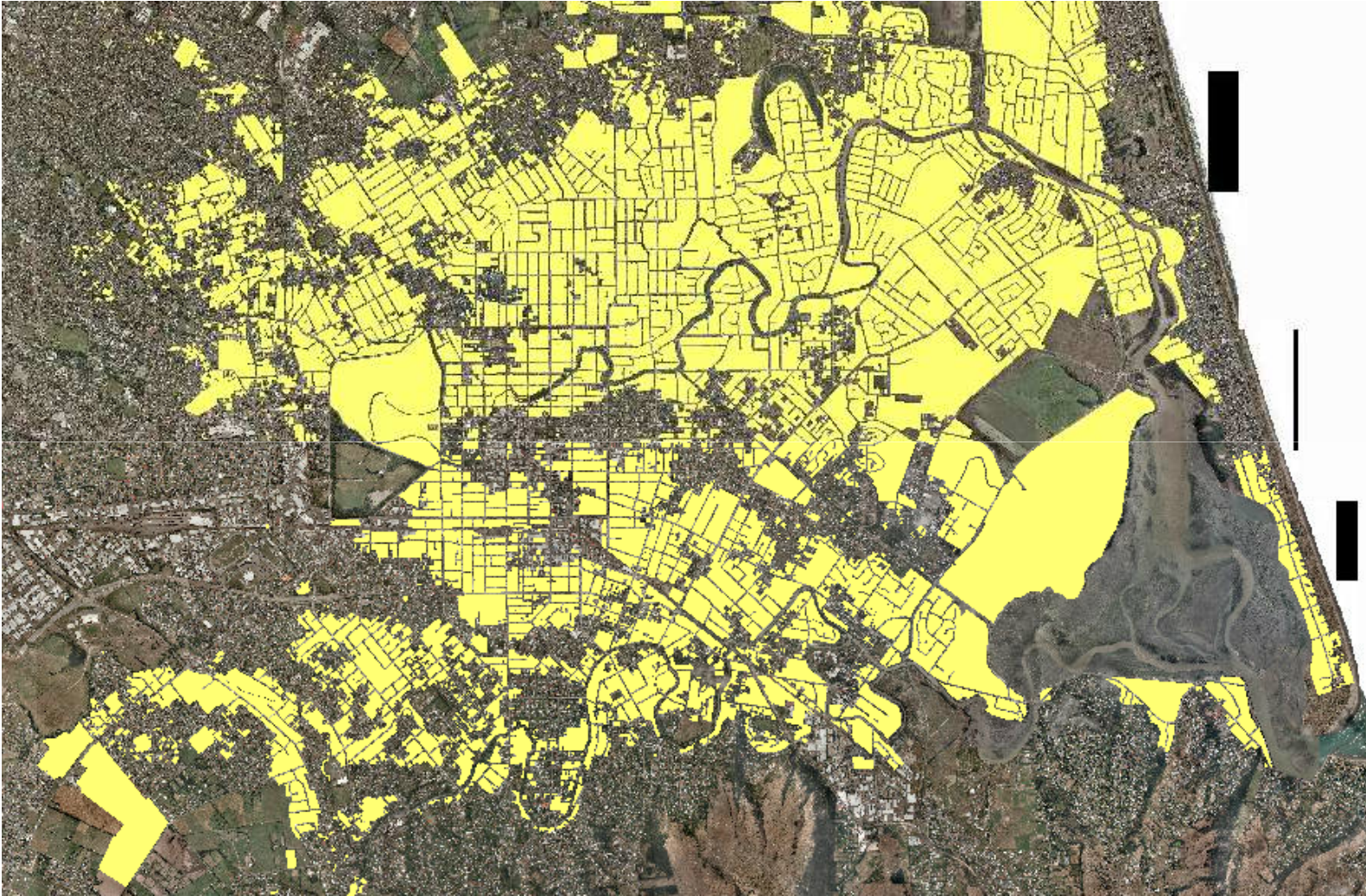
# Pavement Damage



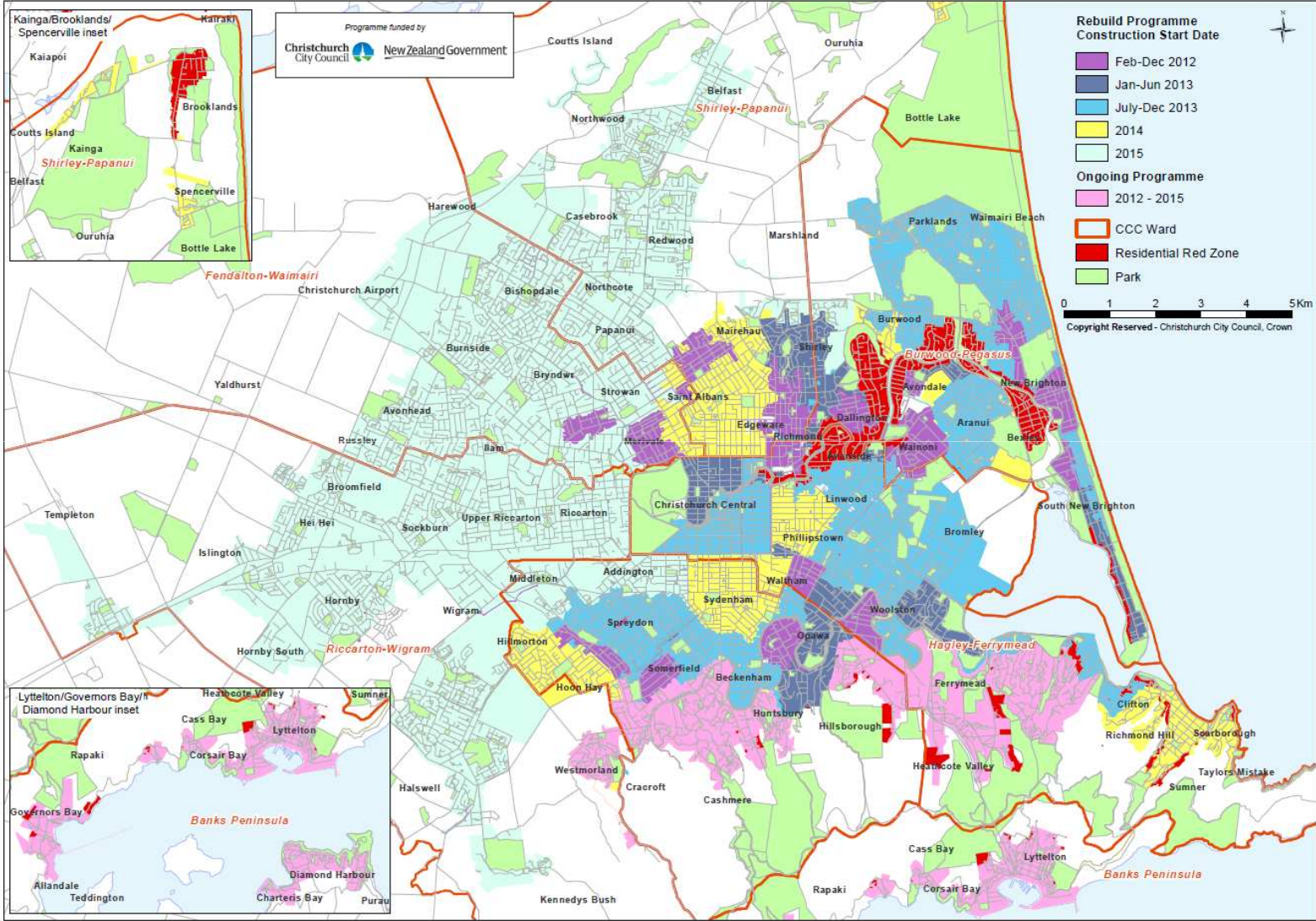
# Structures Damage



# Liquefaction February

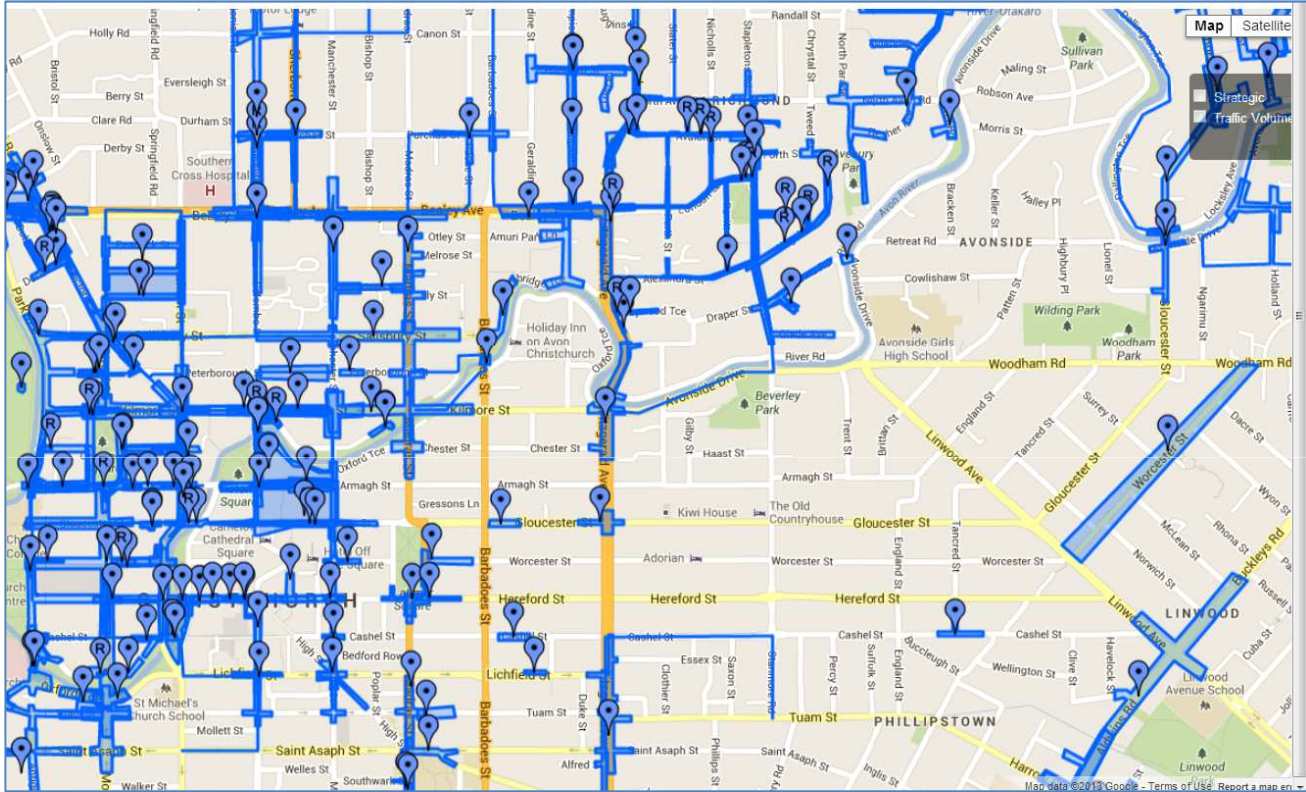


# Programme Level Prioritisation



# Current activity 'on-the-ground'

- 20% of all plans sent into the CCC are SCIRT's
- But we affect at least 80% of the network
- SCIRT has processed just over 4300 TMP's and revisions



TMP for Christchurch Website

# Challenge we face...

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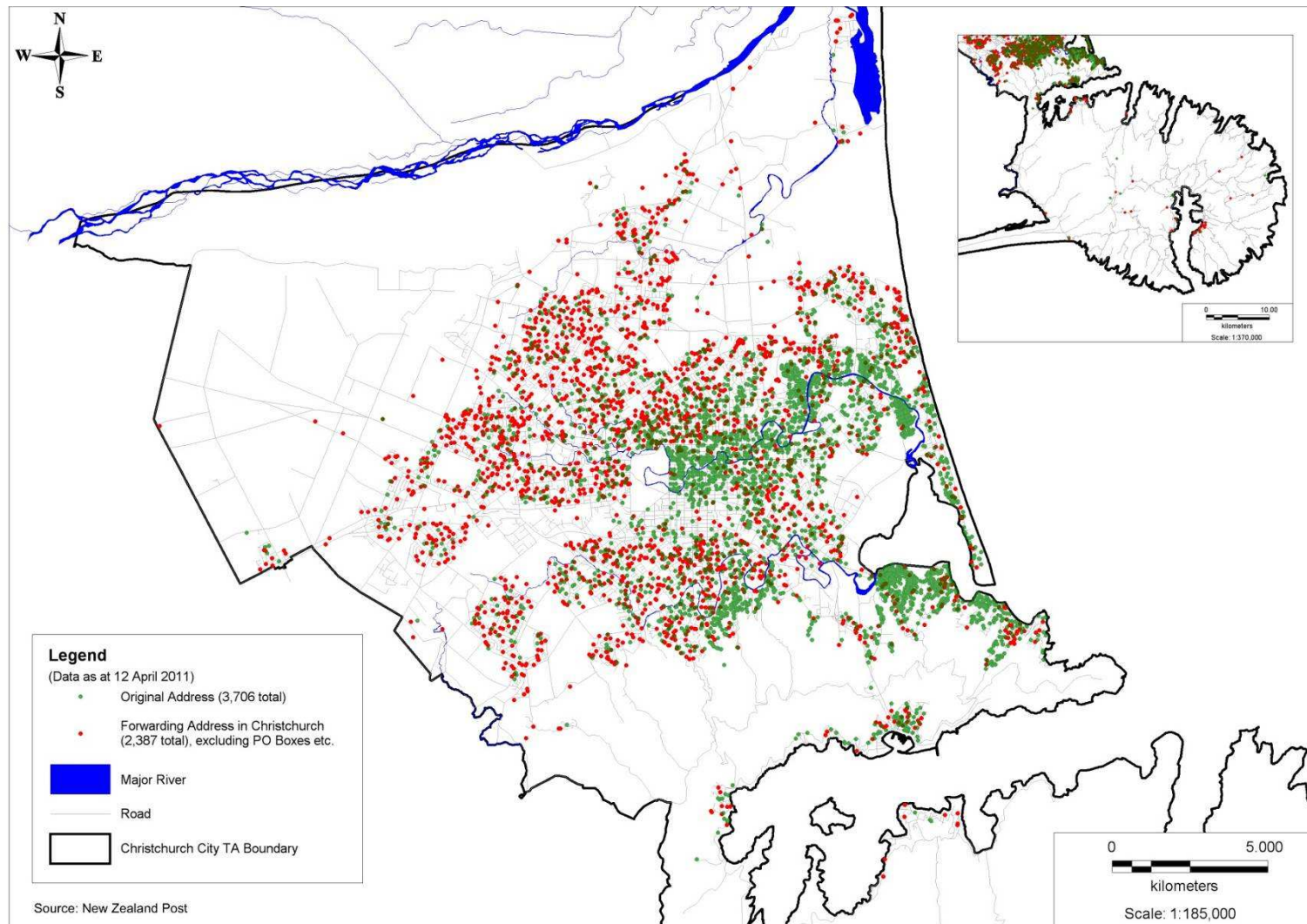
How do we coordinate across 150 active sites?

How do we communicate where we will be working?

How do we communicate the impacts of our work?

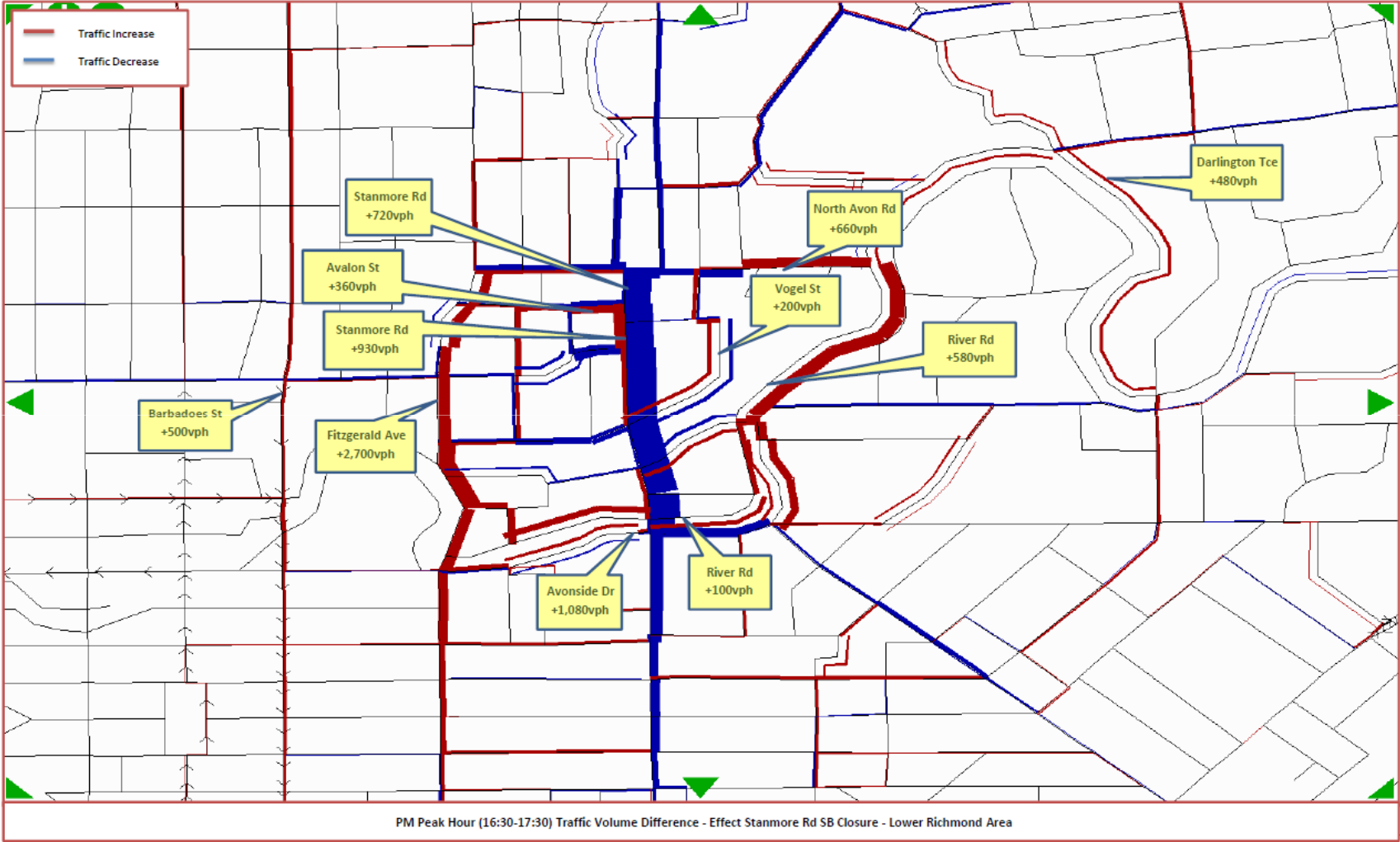
How do we coordinate with other rebuild programmes?

# Transport – Assessing the change

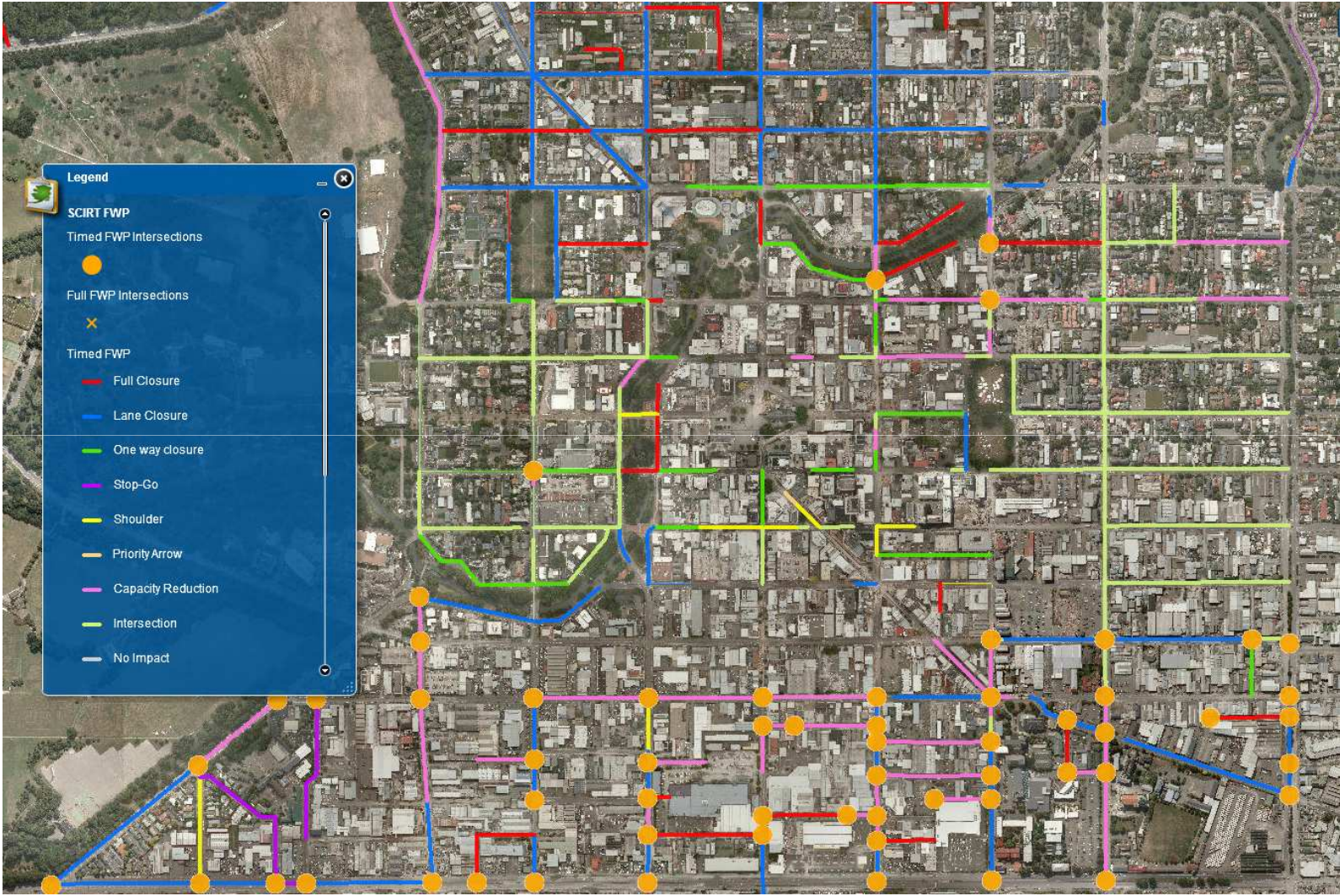




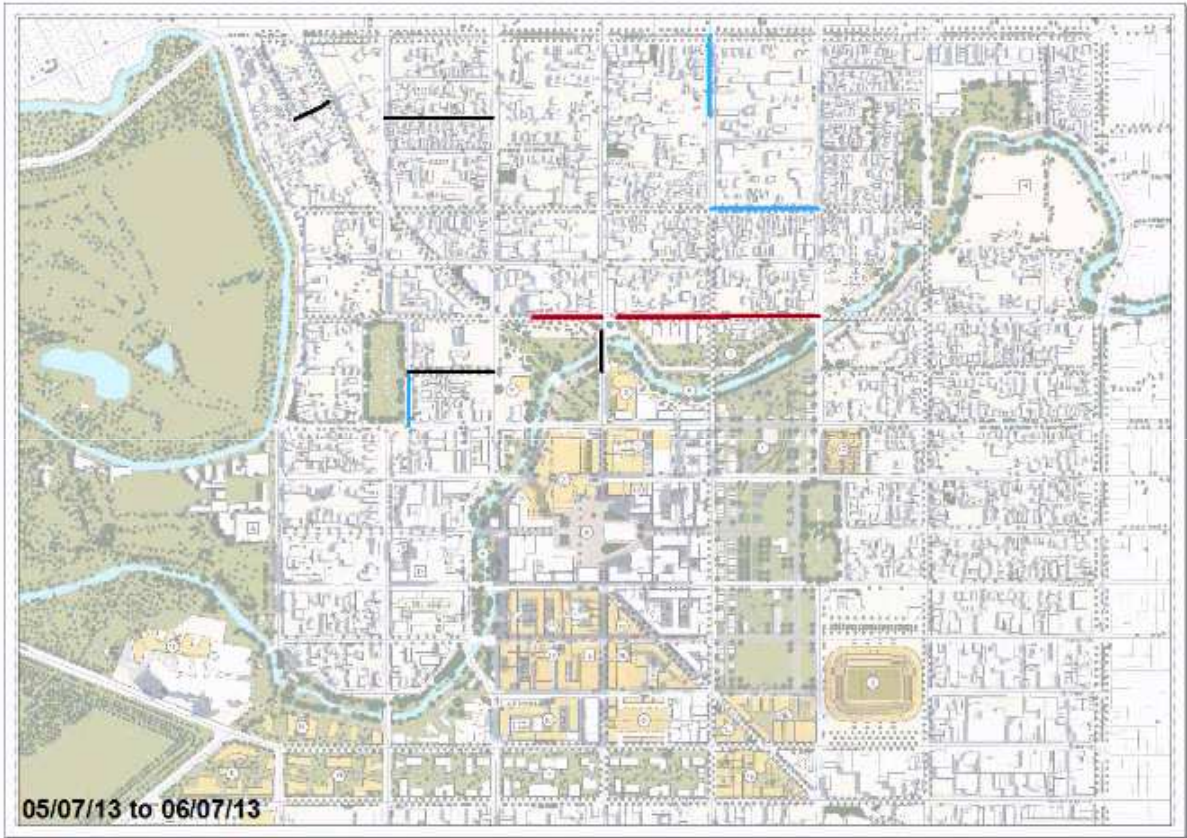
# Work-front level assessment



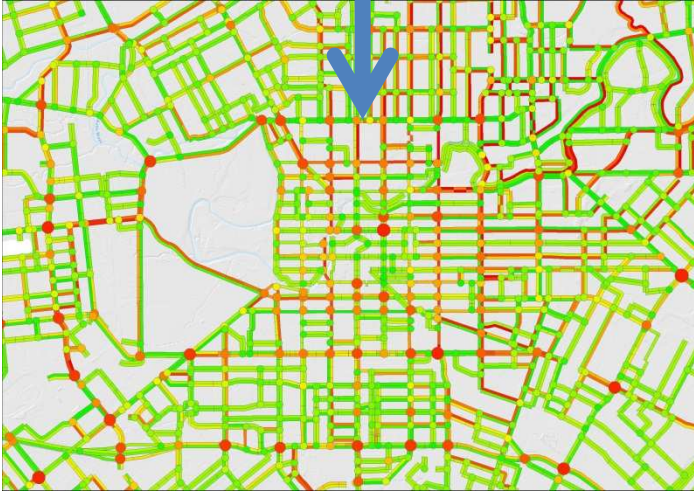
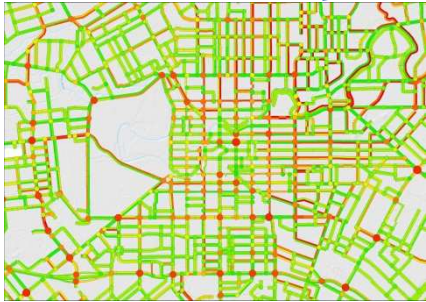
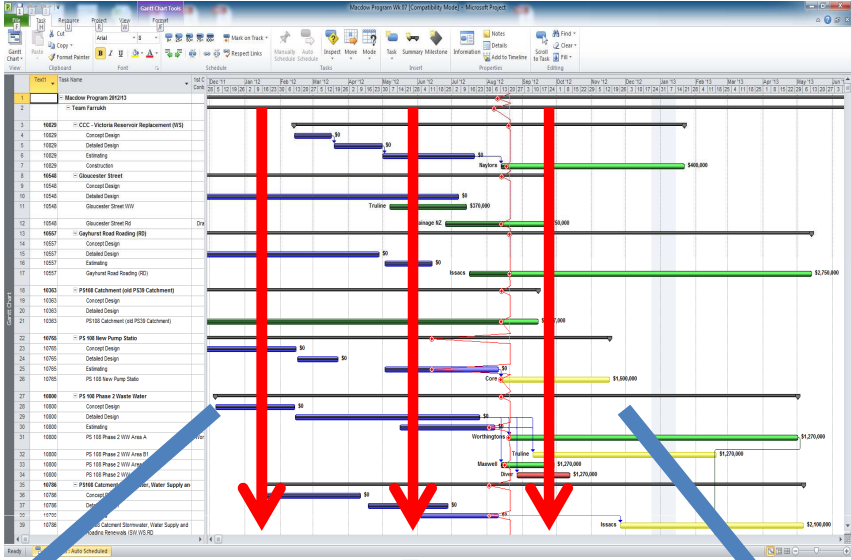
# Coordinating our programme...



# Movie



# Forecasting effects...



# SCIRT Press Notice



Programme funded by



New Zealand Government

## SCIRT traffic update – July 2013

### CENTRAL CITY

**Montreal St, from Tuam St north** – one lane to Cranmer Square to the end of July. Short-term closure Armagh St intersection for work around tram tracks. Keep an eye out for signs.

**Madras St at Kilmore, just across bridge** – manhole work in this intersection will affect northbound and turning traffic for the next month. Expect delays.

**Colombo St, south of Bealey Avenue, north of Salisbury St** – from 8 July, one-way, north only. Detour along Bealey Ave, Durham and Salisbury.

**Madras St at Salisbury intersection** – one lane to mid August.

**Fitzgerald Ave, south, both sides of the road** – two lanes out of action on the northbound side, north of Ferry Road and across the St Asaph Street intersection. On the southbound route, Tuam to St Asaph, one lane removed.

**Fitzgerald Ave, north, Whitmore St and Bealey Ave** – lane restrictions from Whitmore St/ Hills Road and Bealey Ave onto Fitzgerald Ave. Barbadoes St, Stanmore Road are alternative routes south.

### OUTSIDE THE FOUR AVENUES

**ARANUI: Pages Road** closed to through traffic for a fortnight, Portchester St to Rowan Avenue, detour via Carisbrooke St. Truck drivers should take Breezes and Wainoni Roads or Anzac Drive.

**BROMLEY/ SOUTH BRIGHTON:** Dyers Road/ Bridge St roundabout - kerb/ traffic island repairs for a month.

**SUMNER CAUSEWAY/ MCCORMACKS BAY DETOUR:** Please slow down on this road, which has soft, easily damaged edges. Look out for cyclists and pedestrians.



**Waka Manihera, Brian Perry** Civil drainlayer/foreman, subcontracted to Fletcher, one of SCIRT's five delivery teams. SCIRT thanks everyone for their patience while we are rebuilding the city's damaged infrastructure. [www.strongerchristchurch.govt.nz](http://www.strongerchristchurch.govt.nz)

Email [info@scirt.co.nz](mailto:info@scirt.co.nz) or phone 941 8999 | Check [www.transportforchristchurch.govt.nz](http://www.transportforchristchurch.govt.nz) | Catch a bus [www.metroinfo.co.nz](http://www.metroinfo.co.nz) or 366 8855 | Maps and works in your area [www.strongerchristchurch.govt.nz](http://www.strongerchristchurch.govt.nz)



**SCIRT: London Street - Stormwater Replacement**

**Description:** WORKS DELAYED DUE TO WEATHER CONDITIONS - ANTICIPATED START DATE OF 1st JULY 2013. London Street closed from #11 to Fitzgerald Avenue. Reduction to one lane on Bealey Avenue Eastbound and reduction to one lane Southbound on Fitzgerald Avenue. Delays are possible during peak hours and we recommend that alternative routes be considered. Enquiries - 0800400310

**Impacts:** Turn Movement Closure, Bus Route / Stop Changes, Capacity Reduction, Vehicle Lane(s) Closed

**Time of day:** All Day (24 hours a day)

**Start date:** 24 / 06 / 2013

**Expected resolution:** 10 / 07 / 2013

TMP #17165 Last updated: 28 / 06 / 2013 10:45:04

Site Level

**Transport for Christchurch**

Home Map Roadworks News and events Travelling around About us Contact us

**LATEST TRAFFIC UPDATES**

- Colombo Street – Lane Closure – From the 15th July (3 hours ago)
- Fitzgerald Ave, Ferry Road end – Update (3 hours ago)
- Significant delays expected Durham Street/Cambridge Terrace from 8 July (9 hours ago)
- Mobile app for Christchurch road users (1 day ago)
- Super 15 Rugby – AMI Stadium – Friday 5th July – Plan your journey to avoid delays (1 day ago)
- Old Waimakariri Bridge closed from 15 July (1 day ago)
- Madras Street – Work starts Monday 1 July (3 days ago)

**Key**

- Major Roadworks
- Roadworks
- Events
- Road Closures
- Weight Restricted
- Travel Speed
- Cycling Information

Main Screen

# Lessons so far...

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Detailed **forward works** programme is essential for managing the network

Good traffic **communication** with stakeholders and public is the best tool we have

Need common **spatial systems and data interoperability**

**Set expectations**  
“Allow extra time for your journey”  
“Roadworks = Progress”

# Sometimes out of adversity there is positives

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Within 1km of the CBD.

Some charge  
50 cents per hour

