

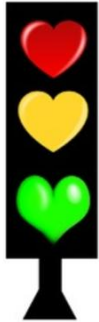
An aerial photograph of Hamilton, New Zealand, taken at sunset. The sun is low on the horizon, casting a warm, golden glow over the city. The Waikato River is visible in the foreground, winding through the landscape. The city's buildings and green spaces are visible in the mid-ground, with hills in the distance.

# Hamilton Region Update

SNUG – Mar 2021



## Love note from a SCATS operator



Baby you are my stretch phase, I want to give you all my time  
You are extra special and your features are all positive

Your personality is perfect, there are no conflicts to be found  
I like it when you get kinky with your variations

You are exclusive to me and I promise to fully protect you, even when you push my buttons with your late demands  
And after an incident, you know just what to do to clear the queues

When I'm feeling isolated you pull me out of Fallback  
When I'm stressed out and all my DS are running high, I can turn to you and your actions always boost my cycle length

I'm nothing without you, I need you like an SA needs an SI  
I want to buy you a double diamond ring

My heart and mind are voting for marriage.  
I want to marry you permanently, or in other words, untimed.

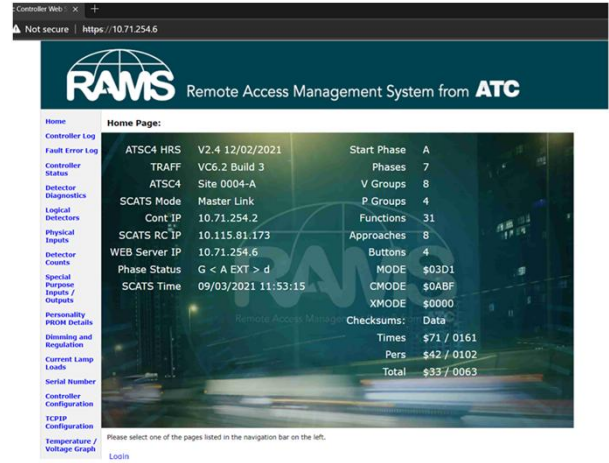
Let's not get stuck in a cycle loop, we need to stop dwelling on this.  
Let us become one subsystem

Hurry call me baby, so we can start the next phase of our journey together.  
Just me and you, my green eyed girl.

Recent valentines day, gave this to wife

# What's new in the 'Tron

- **CIS and Software in-house**
  - At the point now where all new CIS/SFT done in-house from now on
- **Router web-page**
  - Change Site ID, comms settings, etc.
- **Controller Top Hats**
  - For all new sites
  - We continue to require all new sites to be ELV and VC6
- **First VC 6.2 upgrade complete**
  - Stay in Masterlink in short comms outages
  - True signal states reported in SCATS, control of detectors
  - Ped clearance times 1 and 2 reported (reduce SC/LC alarms)
  - RAMS (remote access management system)
- **Flasher units**
  - Reviewing all sites, found some don't work



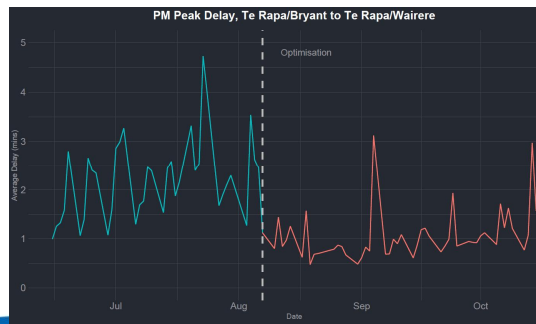
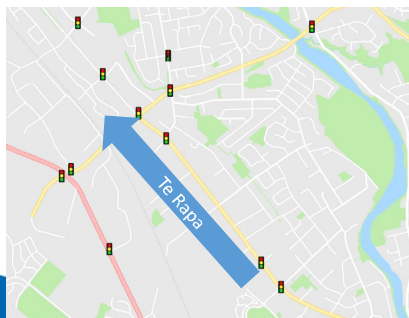
# Audits and Optimisation

## SCATS Site Audits (every 6 months)

- Review history, faults
- Check volumes and alarms
- Update flexilink data
- Etc...

## Optimisation Programme (3 year rolling programme)

- Review operation against NOP (network operating plan), strategies
- Site observations, safety and performance review (including peds, cyclists, filtering)
- Focus on bus routes
- Update SCATS (cycle plans, coordination/linking, variations, SA's, calibrations, etc..)

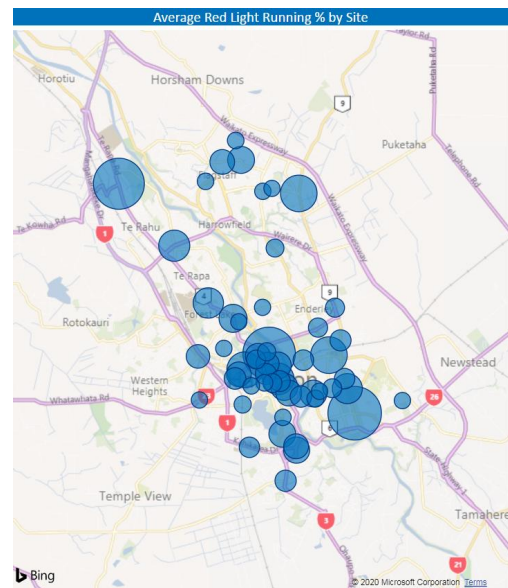
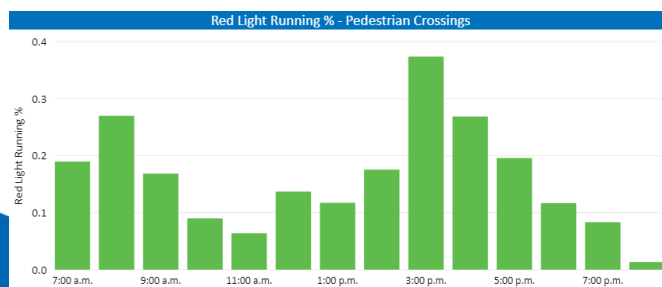


Hamilton  
City Council  
Te Kaunihera o Kirikiriroa

36% reduction in delay in first two routes

## Current focuses...

- Cycle City!!
- Signalised roundabouts wanted...
- Radar detectors – full interchange planned
- Open data, including traffic signals
  - SCATS file decoder (incomplete JSON format)
  - SCATS detector counts viewer (CSV)
- Red light running



Thank you

**FURTHER INFORMATION**

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