



SMART CITY



SNUG New Plymouth 23'

SmartTraf – Collect, Analyse & Interpret
Travel-Time & Statistics Data in Real Time





UPDATE from TSL

During covid there was a bit of a shortage of printer ink in Australia, so it's taken them until now to finally print out these certificates, but we finally have them

Transport for NSW and Vic Roads type approvals for the ATC controller VC6.2

As you all know ATC continues to lead the market in traffic signal controller technology.

Dan and Paul are here from ATC so if you have any questions, they'll be able to accommodate.

Paul in particular can answer any questions around connecting ethernet communications - goodbye Moxa's!!

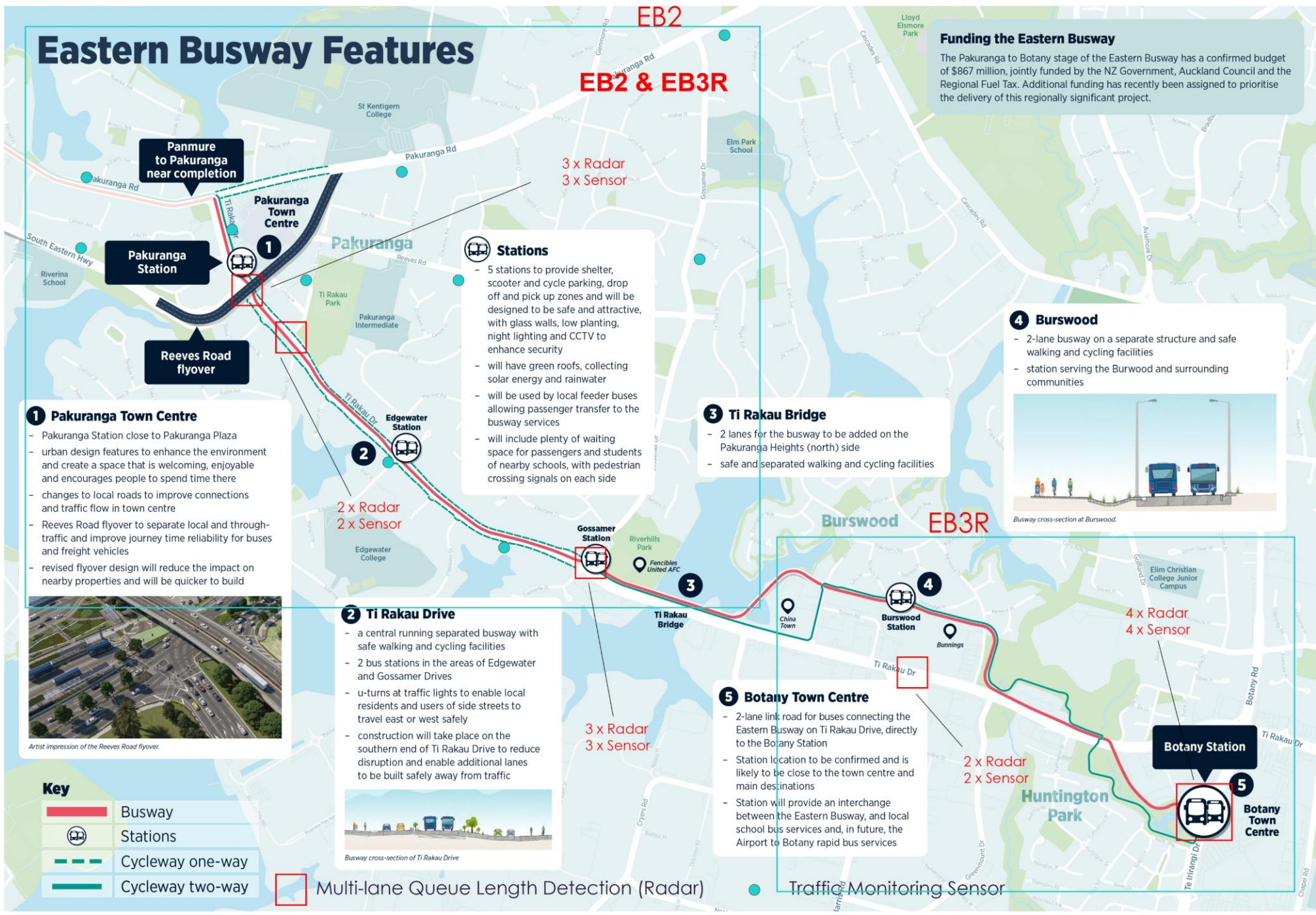
All ATC controllers can be upgraded to VC6.2 simply and cost effectively, enables ethernet port on older controllers.

SmartTraf for Eastern Busway Alliance



SmartTraf Layout

Eastern Busway Features



Funding the Eastern Busway
 The Pakuranga to Botany stage of the Eastern Busway has a confirmed budget of \$867 million, jointly funded by the NZ Government, Auckland Council and the Regional Fuel Tax. Additional funding has recently been assigned to prioritise the delivery of this regionally significant project.

Stations

- 5 stations to provide shelter, scooter and cycle parking, drop off and pick up zones and will be designed to be safe and attractive, with glass walls, low planting, night lighting and CCTV to enhance security
- will have green roofs, collecting solar energy and rainwater
- will be used by local feeder buses allowing passenger transfer to the busway services
- will include plenty of waiting space for passengers and students of nearby schools, with pedestrian crossing signals on each side

1 Pakuranga Town Centre

- Pakuranga Station close to Pakuranga Plaza
- urban design features to enhance the environment and create a space that is welcoming, enjoyable and encourages people to spend time there
- changes to local roads to improve connections and traffic flow in town centre
- Reeves Road flyover to separate local and through-traffic and improve journey time reliability for buses and freight vehicles
- revised flyover design will reduce the impact on nearby properties and will be quicker to build



2 Ti Rakau Drive

- a central running separated busway with safe walking and cycling facilities
- 2 bus stations in the areas of Edgewater and Gossamer Drives
- u-turns at traffic lights to enable local residents and users of side streets to travel east or west safely
- construction will take place on the southern end of Ti Rakau Drive to reduce disruption and enable additional lanes to be built safely away from traffic



3 Ti Rakau Bridge

- 2 lanes for the busway to be added on the Pakuranga Heights (north) side
- safe and separated walking and cycling facilities



5 Botany Town Centre

- 2-lane link road for buses connecting the Eastern Busway on Ti Rakau Drive, directly to the Botany Station
- Station location to be confirmed and is likely to be close to the town centre and main destinations
- Station will provide an interchange between the Eastern Busway, and local school bus services and, in future, the Airport to Botany rapid bus services

Key

	Busway
	Stations
	Cycleway one-way
	Cycleway two-way

Multi-lane Queue Length Detection (Radar)

Traffic Monitoring Sensor

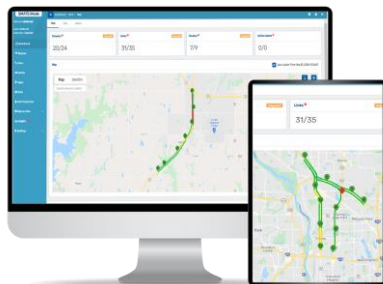
SmartTraf – Hardware and Software



smartmicro Radars – UMR11 (Type 44) & UMR12 (Type 48 and 48 Stream)



SMATS Traffic Sensors – TrafficXHub & Traffic XHub Cabinet (Controllers)

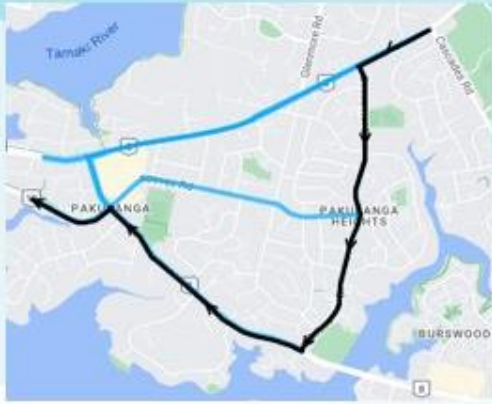


SMATS iNode – Collect, Analyse, Translate and Interpret Traffic Data

SmartTraf – Dashboard

<https://inode.smatstraffic.com/dashboard/main/map>

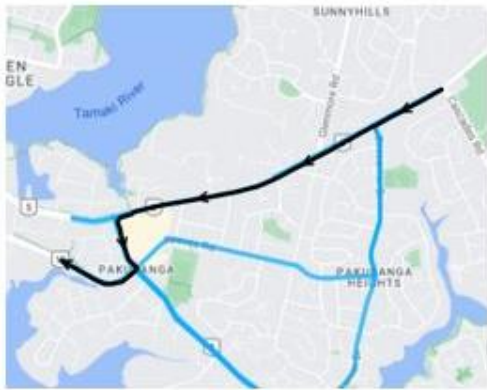
CASACDE TO SEART VIA GOSSAMER DR



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CASCADES - SEART VIA PAKURANGA



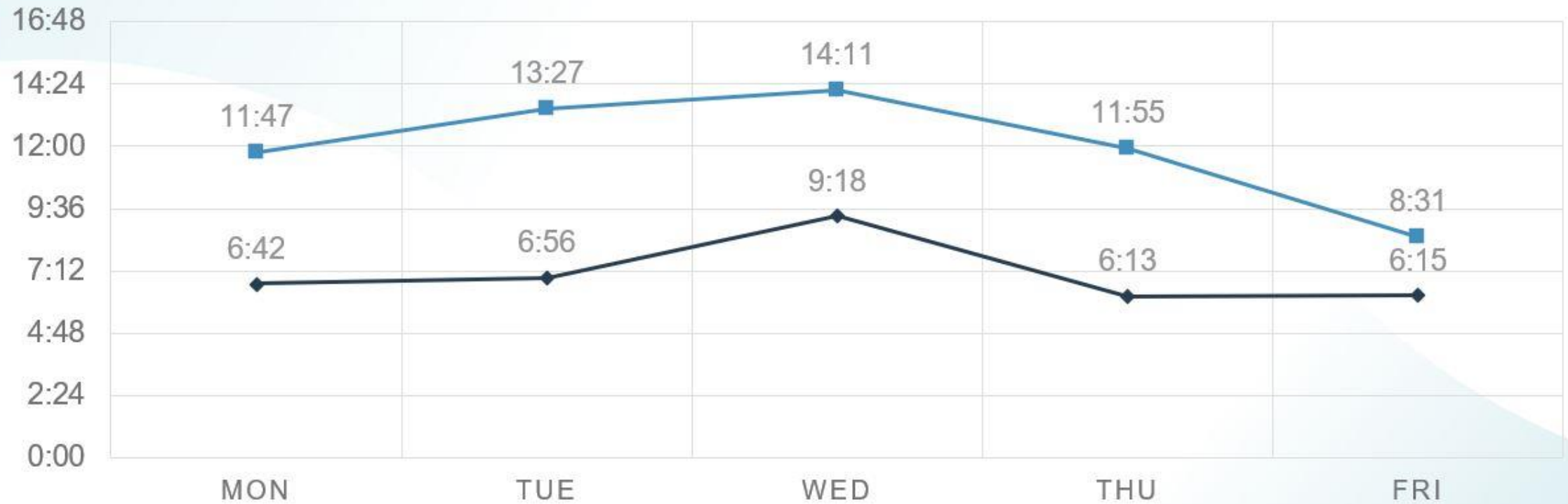
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Reeves Road Closure Traffic Impact

REEVES ROAD CLSOURE AM PEAK TRAVEL TIME ANALYSIS

◆ Non Closure Week ■ Closure Week



An aerial photograph of a multi-lane highway bridge spanning across a body of turquoise water. The bridge has several lanes in each direction, with white lane markings. Several vehicles, including cars and trucks, are visible on the bridge. The text "Thank you" is overlaid in a large, white, sans-serif font in the upper right quadrant of the image. On the right side of the image, there is a vertical decorative bar with a color gradient from brown at the top to blue at the bottom.

Thank you