

YARRA  TRAMS

Tuesday, 28th August 2001

Project Tram 109 begins with Box Hill Extension Launch

FOR IMMEDIATE RELEASE

Yarra Trams unveiled their exciting Tram 109 project today at the launch of its route 109 (Port Melbourne to Mont Albert) tramline extension to Box Hill.

Tram 109 is a joint initiative with the Victorian State Government to create a showcase tram route (route 109 – Port Melbourne to Mont Albert) embodying the very best and most modern passenger transport infrastructure and services.

Chief executive of Yarra Trams, Hubert Guyot, says: "The Tram 109 project will result in quicker journey times and more frequent services. It will be an example of what we can achieve with real commitment to the passenger transport system from government, stakeholders and the community."

Tram 109 embraces the whole of route 109 with a vision to introducing low floor trams, sections of grassed track, tram stops to comply with the Disability Discrimination Act, Superstops (also DDA compliant), more frequent services, quicker journey times, beautifying the city and creating a better lifestyle for Melburnians and visitors to the city.

The Box Hill track extension will lengthen route 109 by 2.2 kilometres from its current terminus at Union Road, Mont Albert, to outside the busy Box Hill shopping centre. There will also be grass-covered track from Elgar Road to the new terminus opposite Station Street, Box Hill.

The extension will embody many of the aspects planned for the entire Tram 109 project and is expected to cost \$14 million with completion set for June 2002. Transfield Engineering & Construction were awarded the design and construct contract for the project in June this year. Work on the extension is expected to commence in October 2001.

Box Hill Central is the largest transport interchange in suburban Melbourne, servicing 18 different bus routes and the Lilydale and Belgrave train lines. Each day there are 17,000 train travelers and 3700 bus passengers using the interchange, and up to 330,000 people are expected to use the new Box Hill extension each year.

Mr Guyot says: "As well as providing important transport options and easier access for commuters, the tramline will have a beneficial lifestyle effect for the people in Box Hill."



Press Release

"With so many shopping, leisure, educational and health facilities in one location, people will be able to opt for stress-free tram travel, over driving the car and then trying to find parking."

Route 109 will be the first line to carry Yarra Trams new Citadis low-floor trams, which will hit the tracks next month.

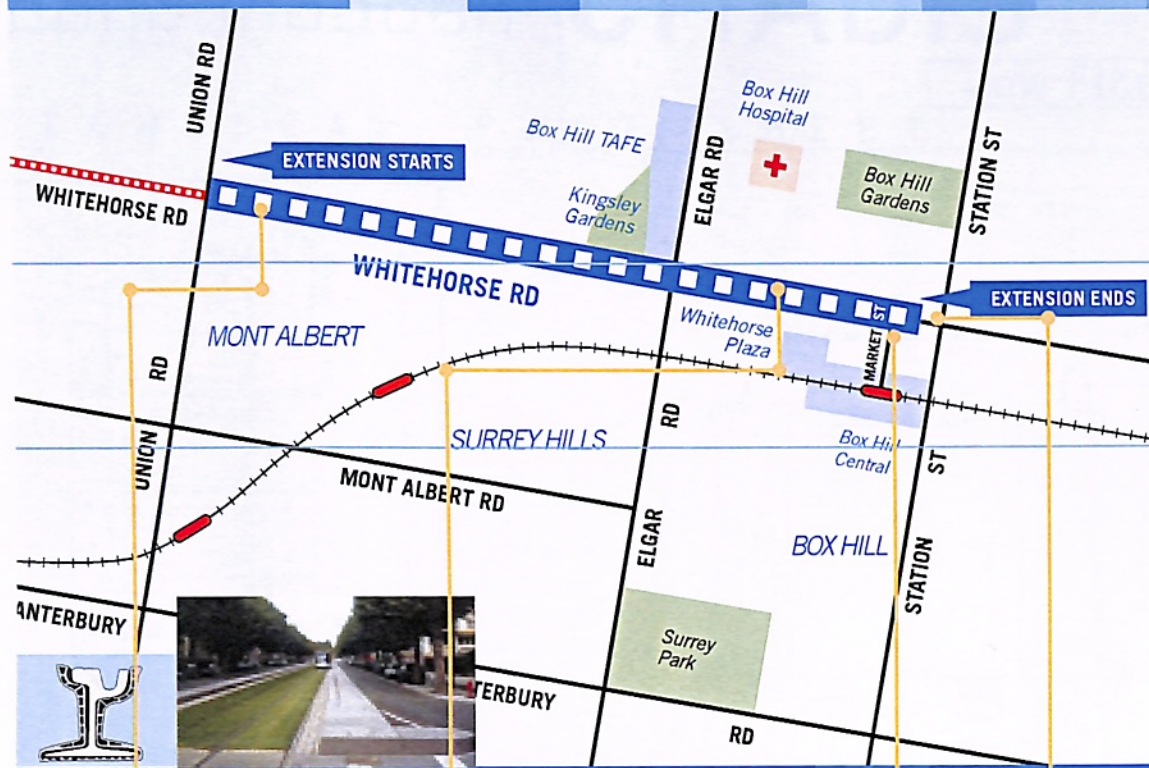
The low-floor trams feature easy tram access at platform level, next stop digital destination displays, and a spacious and modern interior with panoramic windows.

Route 109 travels through the cities of Port Phillip, Melbourne, Yarra, Boroondara and Whitehorse.

For further information:
Yarra Trams Public Relations
Kate De Clercq, 9619 3232 or 0412 101 637



Yarra Trams Corporate Head Office. Level 23 500 Collins Street Melbourne 3000



Rubber boot on all track to absorb vibrations and reduce noise levels

Grass on track from Elgar Rd to Box Hill Terminus

Direct connection to trains and buses at Box Hill Central Interchange

A MODEL FOR TRAM NETWORKS

Box Hill Extension to be completed by June 2002

Box Hill Terminus, the social plaza will feature an outdoor cafe, wider platforms and easy access from the street



BOX HILL

Terminus social plaza

extension

Yarra Tram's mascot will keep residents informed on all construction works via letter box drops, signage along the route and newspaper advertisements



Upgrades to infrastructure



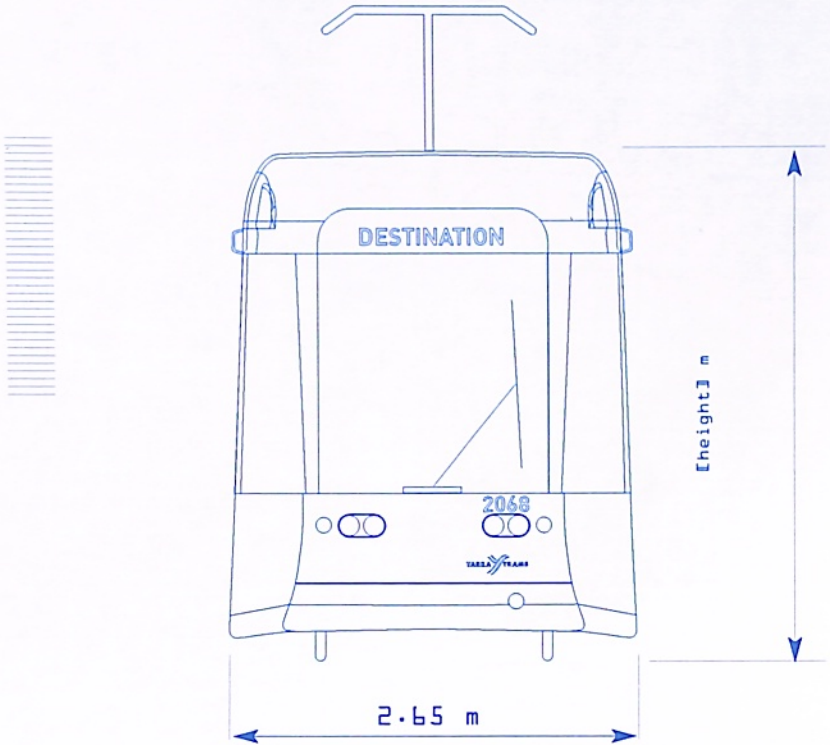
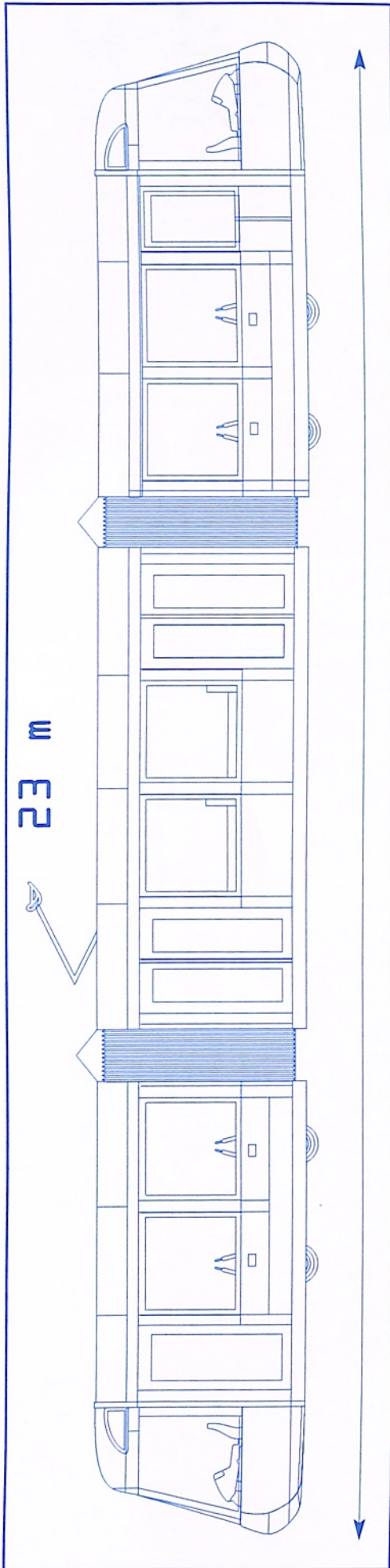
Harry the Wombat



CITADIS 300

Low Floor Trams

TECHNICAL FACT SHEET



DETAILS

- Three-module Alstom Citadis 300 TGA 202, 100% low-floor LRV (Light Rail Vehicle)
- Thirty-one of these low-floors will displace the 31 Z3-class trams, currently on lease from M > Trams
- Five additional low-floor trams will operate on the Box Hill extension
- The 36 low-floor trams will operate on route 109
- Length of each module - 23 metres
- Width of each module - 2.65 metres
- Module capacity - 40 seated and 150 standing
- The modules are air-conditioned - both the saloon and driver's cab
- Step Height - 33 centimetres
- Weight - 27 tons (empty), 41 tons (full)
- Maximum speed - 70 kilometres
- Hydraulic disc brakes plus a regenerative electric brake
- Acceleration of 1.6m/s²
- Trams have 4 x 100 kilowatts traction motors
- Braking of 1.6m/s² service and 3m/s² emergency
- The three modules have a suspended centre section

Last updated: 17 August, 2001

T E C H N I C A L F A C T S H E E T



DELIVERY PROGRAM

- **October 2001** – Four low-floor trams into service
- **January 2002** – Sixteen low-floor trams into service
- **April 2002** – Twenty-four low-floor trams into service
- **July 2002** – Thirty-one low-floor trams into service
- **September 2002** – Additional five trams into service



DIFFERENCES TO EXISTING FLEET

- Low, single step access
- Wheel lubrication to reduce noise level and wear on the wheels
- All control equipment mounted on the roof
- Central driving position
- Two bogies with suspended centre section
- Hand operated controller
- External mirrors replaced with CCTV (Closed Circuit Television)
- Passenger to driver intercom
- Ramps for wheelchair access from road level stops
- Plug-type door operation with emergency release
- Internal passenger information display



issue 1

September 2001

TRAM

109

Box Hill > Port Melb

EFFICIENT

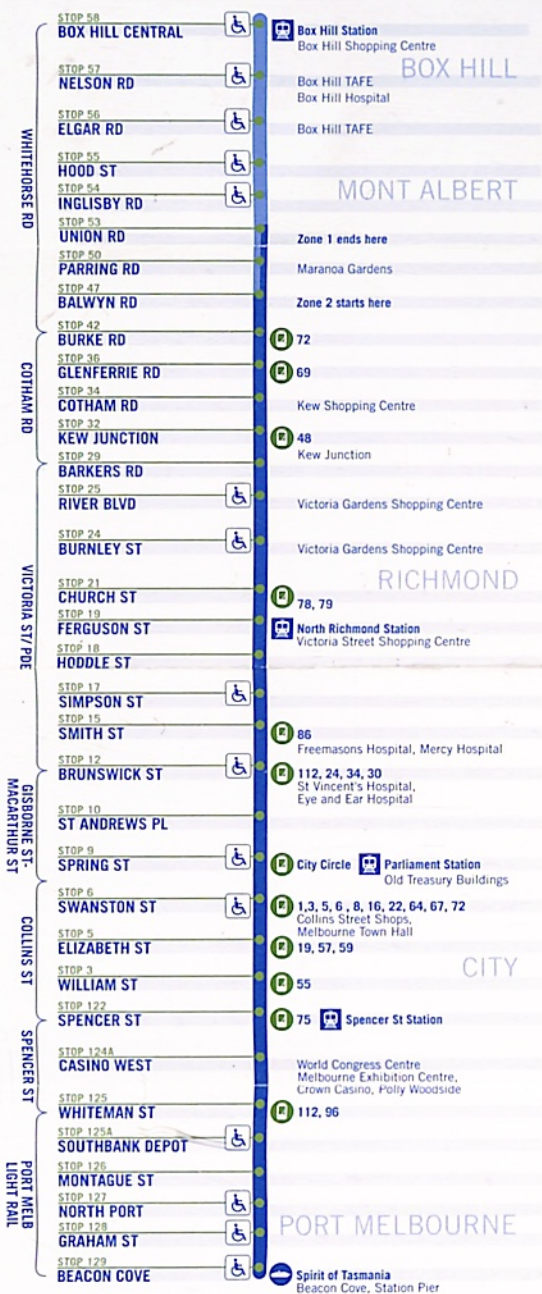
friendly

Vision of a *future* Melbourne

accessible



BOX HILL >>> PORT MELBOURNE



connecting train service	connecting tram service	zone 1
wheelchair access stop	zone 2	zone 1 & 2 overlap

General Public Transport Enquiries
131 638 (9619 2727 TTY)

Yarra Trams Customer Feedback Line
1800 800 166

Metcard Help Line
1800 652 313 (TTY)

www.yarratrams.com.au

The above times are indicative only. Actual times of departure are available at every stop or by calling 131 638

AM	SUNDAY	7	9	11	12	4	8:15	11:15
			30 mins		12-15 mins		30 mins	
								PM

AM	SATURDAY	5:30	8	9:30	11	12	4	7	12
			20 mins	12 mins		10 mins		20 mins	
									AM

AM	MONDAY-FRIDAY	5:30	7:30	9:30	12	4:30	6:30	12
			10-20	4-7 mins	8 mins	4-7 mins	15-20 mins	
								AM

FREQUENCY OF ROUTE 109 SERVICES

→ **map including easy access stops**

→ **service frequencies**

effective May 2003



Box Hill ↔ Port Melbourne