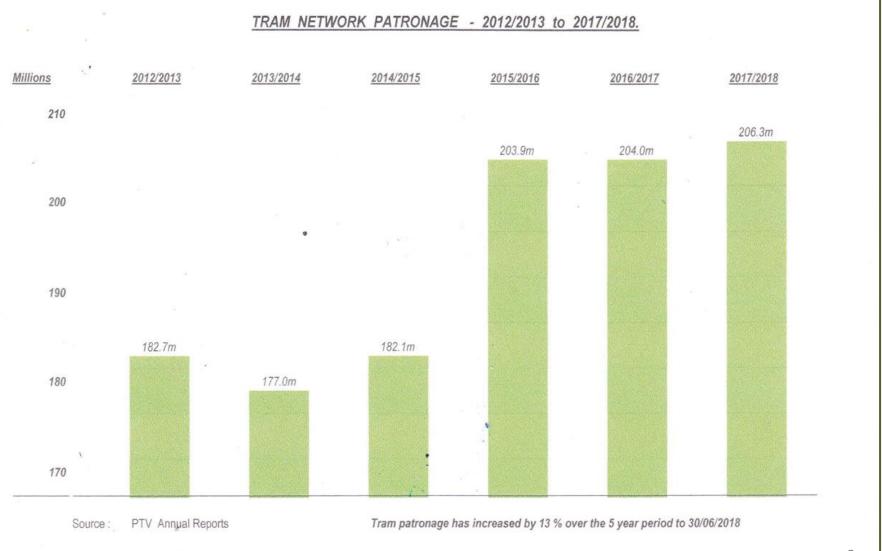
## IMPROVING THE CUSTOMER TRAM TRAVEL EXPERIENCE

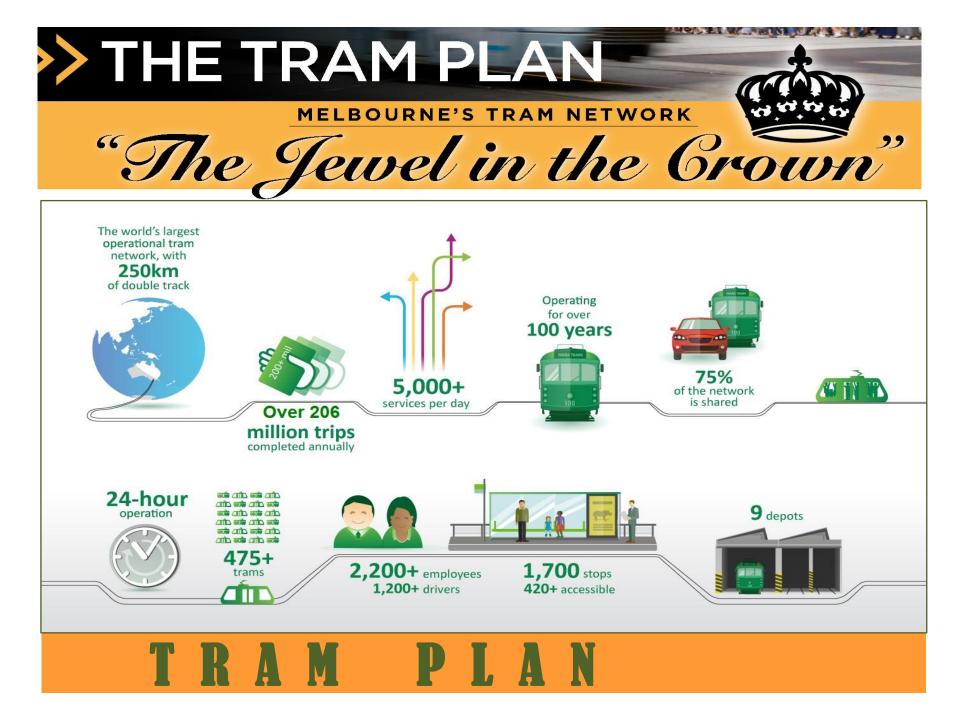
# Transport for Melbourne





## **Tram Patronage Trend**





## Improving the Customer Tram Travel Experience :

- Adding capacity to the network
- Reducing tram trip travel times reliability
- Increasing service frequencies
- Improving CBD Network coverage
- Offering NEW additional route choices
- Improving the interchange experience
- Simpler passenger friendly PIDS Information
- Meeting full DDA fleet & stop compliance
- Trams part of the future GRID network of PT

## > THE TRAM PLAN

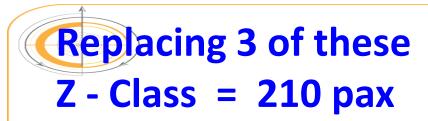
MELBOURNE'S TRAM NETWORK



#### What the Tram Network Can Deliver

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	Existing	2024	2029	2034
Routes >>	24	26	32	36
TPH Peak >>	176	204	241	259
Pax per hr >>	98,000	137,500	185,000	210,000
CBD Routes >>	22	23	26	28

## **ADDING NETWORK CAPACITY**



With 2 of THESE E - Class = 420 pax



HIGH FLOOR - NON DDA Compliant NOT AIR-CONDITIONED

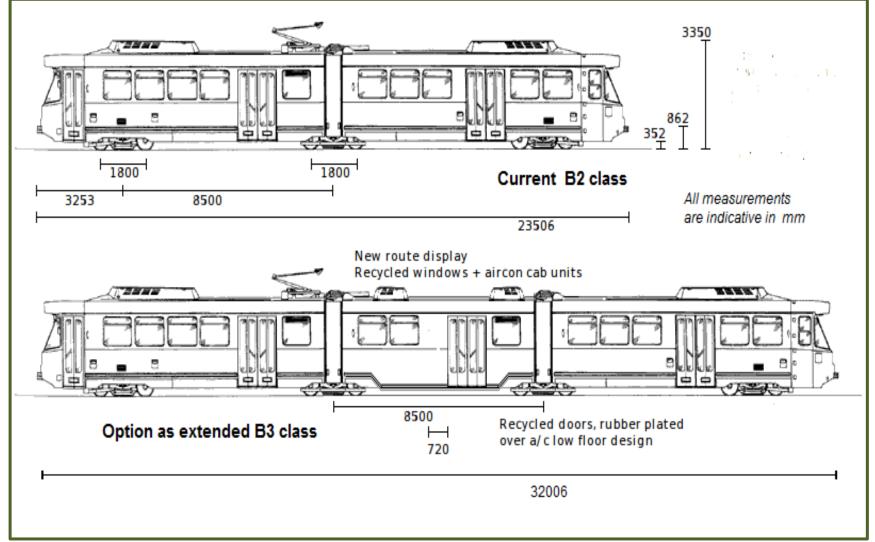


LOW FLOOR - DDA Compliant FULLY AIR - CONDITIONED



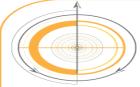
Doubles the capacity & releases 1 driver

## **B2 / B3 Conversion OPTION**



## **Reducing Tram Travel Times Speeding Up Tram Services**

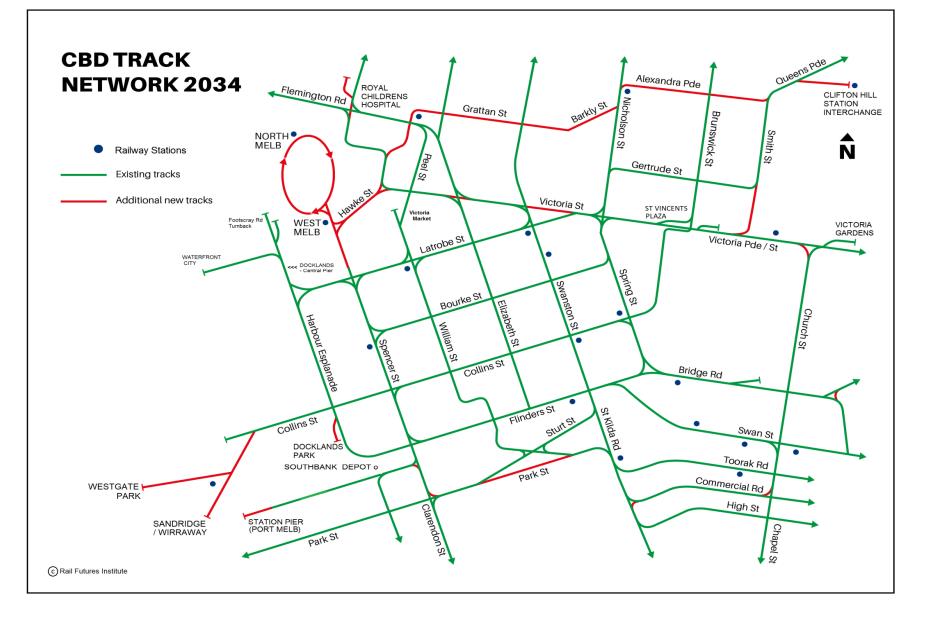
- Introduce Hook turns at ALL shared road space signalized intersections with trams
- \* **Replace all painted Tram Clearway markings** with solid raised delineation barriers
- \* On going enforcement by Police of road traffic queuing over intersections blocking trams
- \* Traffic signal priority to trams in Collins & Bourke Streets at : King, Russell & Exhibition Streets
- \* Tram approach activated signal priority in William, Elizabeth and Swanston Streets at all the "Little" Streets and Flinders Lane,
  & Flinders Lane / Market Street.



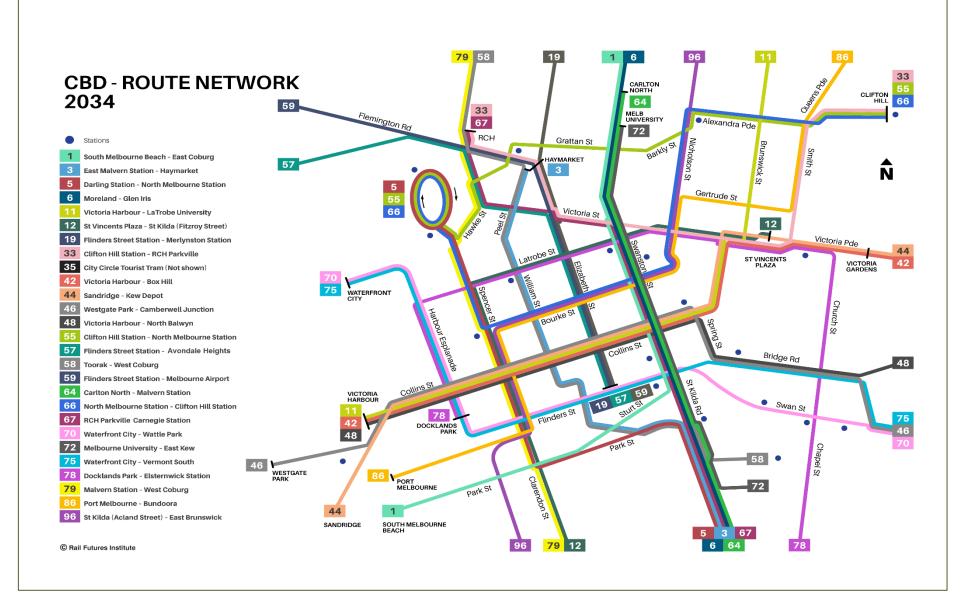
## Increasing Network Service Frequency

- \* INTRODUCE A MINIMUM TURN UP & GO FREQUENCY - OF EVERY 10 MINUTES BETWEEN 0700 and 2100
- \* PROGRESSIVELY INTRODUCE NEW ROUTES
- \* SUPPLEMENTED BY NEW INNER AREA PEAK SUPPLEMENTARY ROUTES
  - Weekdays 0700 - 0930 & 1600 - 1830

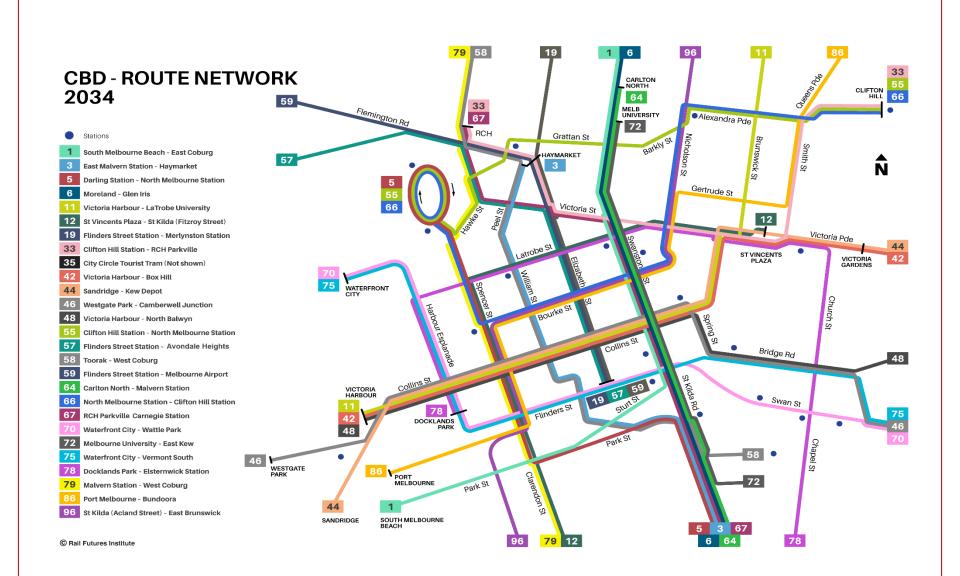
## Improving CBD Coverage



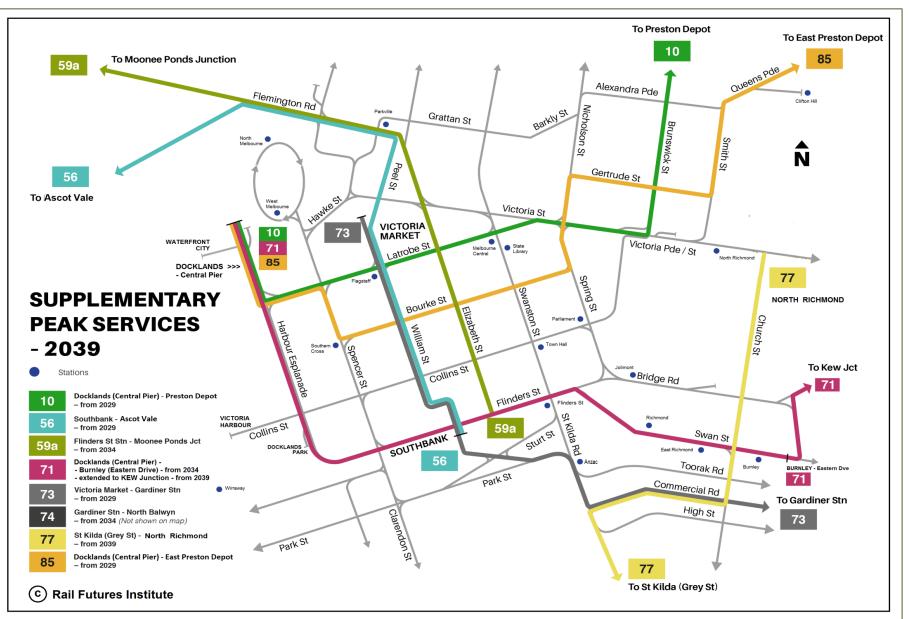
## **NEW CBD Route Choices**



## **Increasing CBD Service Frequency**



#### **Increasing PEAK Service Frequency**



## **NOWHERE in PARTICULAR**



## ROUTE EXTENSIONS FROM NOWHERE IN PARTICULAR

#### **EXTENSION TO - RAIL NETWORK or COMMERCIAL CENTRE :**

- Route 3 Darling Rd to EAST MALVERN Station
  - **5 Burke Rd to DARLING Station**
  - **16 Cotham Rd to KEW JUNCTION**
  - **19 Sydney Rd to MERLYNSTON Station**
  - 48 North Balwyn to GREYTHORN SC
  - **57 West Maribyrnong to AVONDALE HEIGHTS**
  - 64 Hawthorn Rd to MOORABBIN Station
  - 67 Koornang Rd to CARNEGIE Station
  - 72 Cotham Rd to EAST KEW (Meet Route 48)
  - 78 Latrobe St to DOCKLANDS PARK (@Collins St)
  - 78 Chapel St to ELSTERNWICK Station

## Train / TRAM Interchange Points

#### NOW (33)

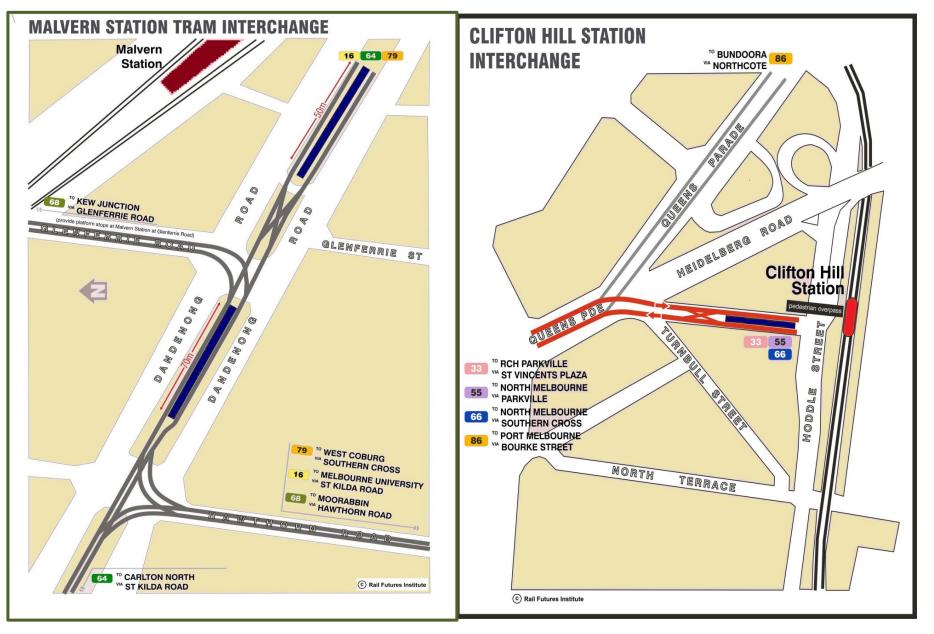
- Armadale
- Balaclava
- Box Hill
- Camberwell
- Caulfield
- East Richmond
- Essendon
- Elsternwick
- Flagstaff
- Flinders Street
- Flemington Bridge
- Gardiner
- Glenferrie
- Footscray
- Glen Iris
- Glenhuntly
- Hawthorn

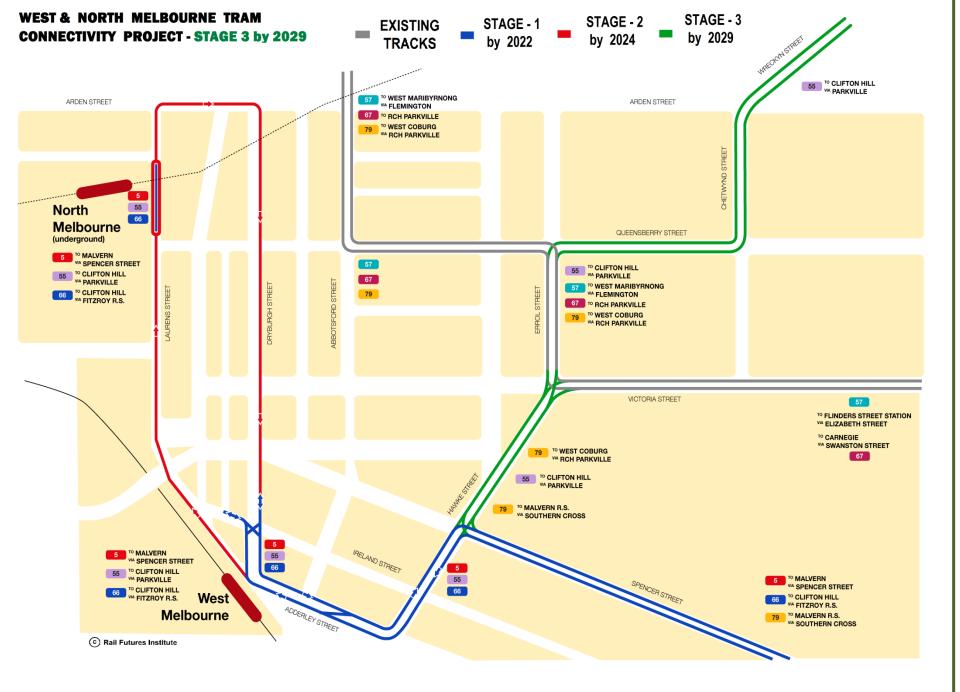
- Jolimont
- Kooyong
- Malvern
- Melb Central
- Moreland
- Newmarket
- Nth Melbourne
- Nth Richmond
- Parliament
- Richmond
- Riversdale
- Royal Park
- Sthn Cross
- South Yarra
- Toorak
- Windsor

#### **FUTURE (46)**

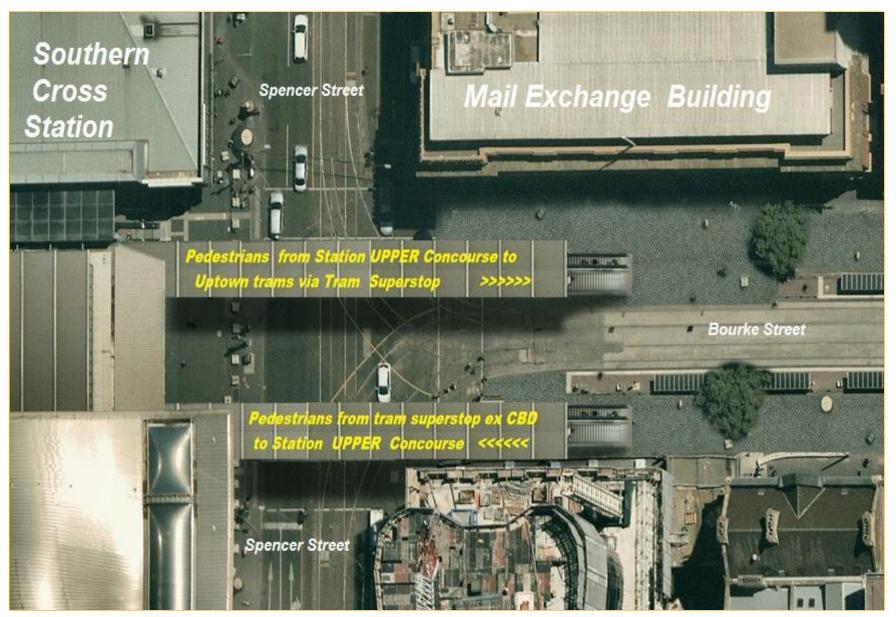
- Anzac
- Carnegie
- Chadstone SC
- Clifton Hill
- Darling
- East Malvern
- Fitzroy
- Fishermans Bend
- Melbourne Airport
- Moorabbin
- Parkville
- Reservoir
- West Melbourne

#### **TRAM / Train Interchanges at Key Stations**





#### **Improving the Interchange Experience**



### **Improved PIDS Service Information**

- \* **PIDS** at tram stops to list approaching trams strictly in time order
- On tram PIDS and announcements to give locations as well as Route #
- Enhanced Tram Tracker app
- Enhancing Boarding & Alighting
- OFF TRAM MYKI "touch on" at all
  - Major Event platform stops

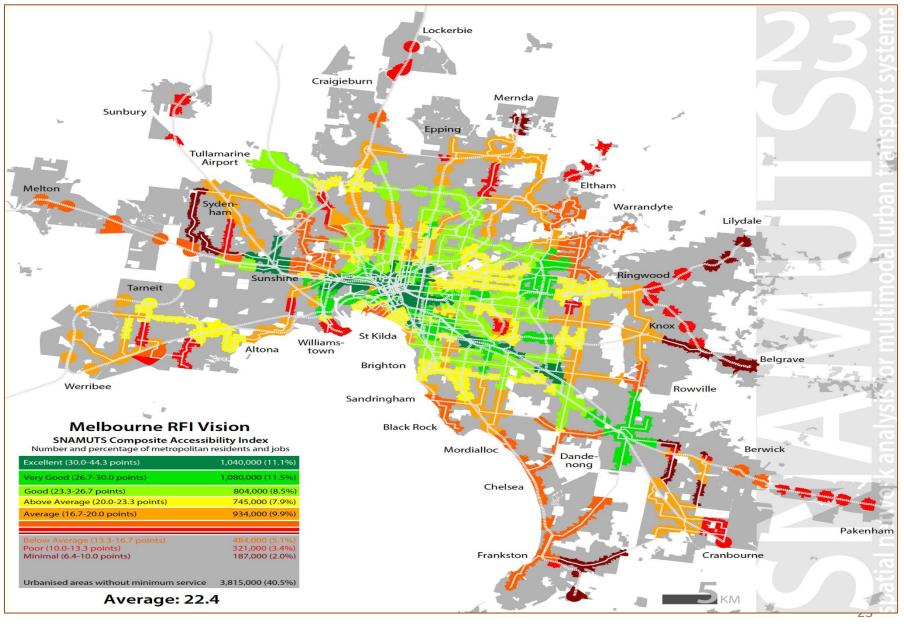
Road traffic free at key CBD stops

## The Melbourne Rail Plan -Non-DDA compliant trams – 312 to go! melbourne / shopping / melbourne / vis PT





#### **The Future GRID Network Delivers**



## LOW Hanging FRUIT



## **Up E Class Deliveries to 24 p.a**

#### **Replace 36 old A/Z -Class p.a. = 2520 pax**

#### With 24 NEW E -Class p.a. = 5040 pax



HIGH FLOOR - NON DDA Compliant Z Class - NOT AIR-CONDITIONED



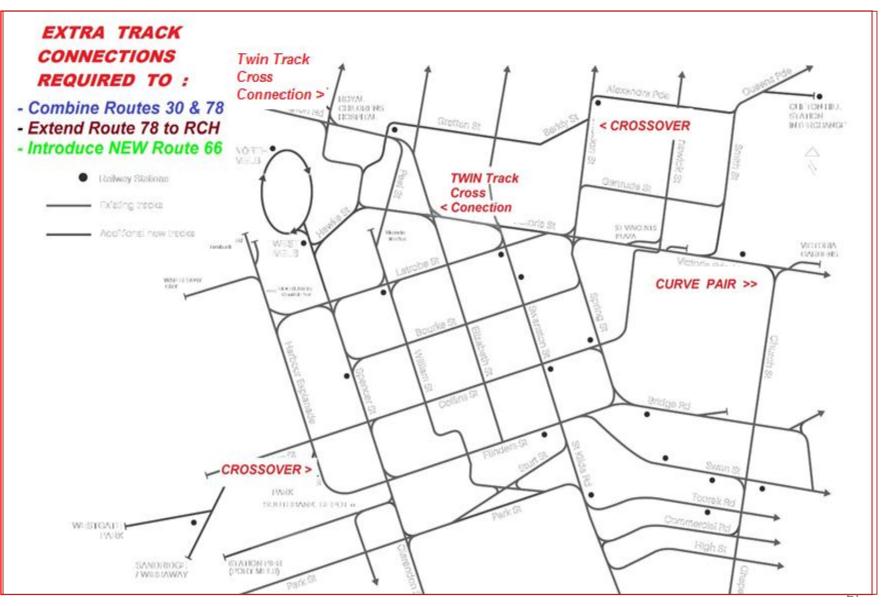


LOW FLOOR - DDA Compliant FULLY AIR - CONDITIONED Doubles the capacity & releases 12 drivers to to run NEW routes / + frequency

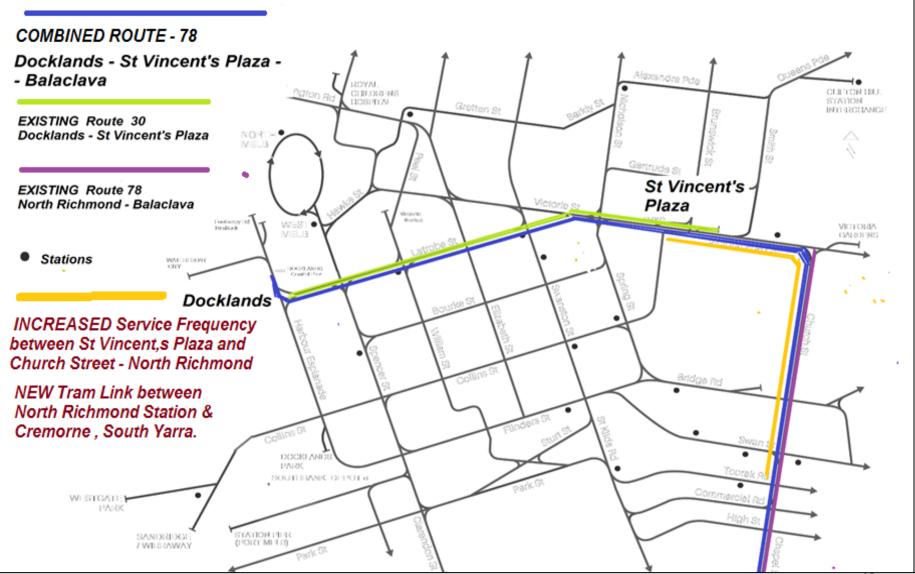
#### STATION PIER TRAM TERMINAL



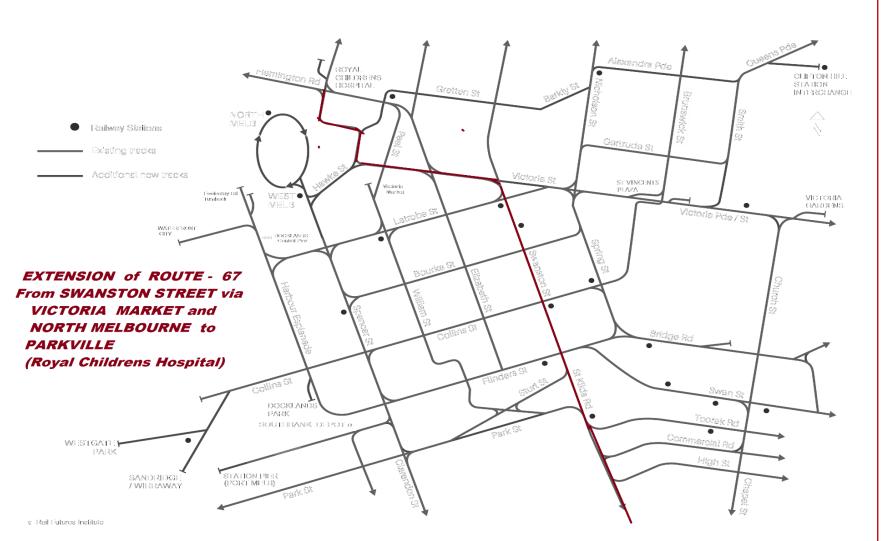
#### **SIMPLY CREATED 3 NEW CBD Routes**



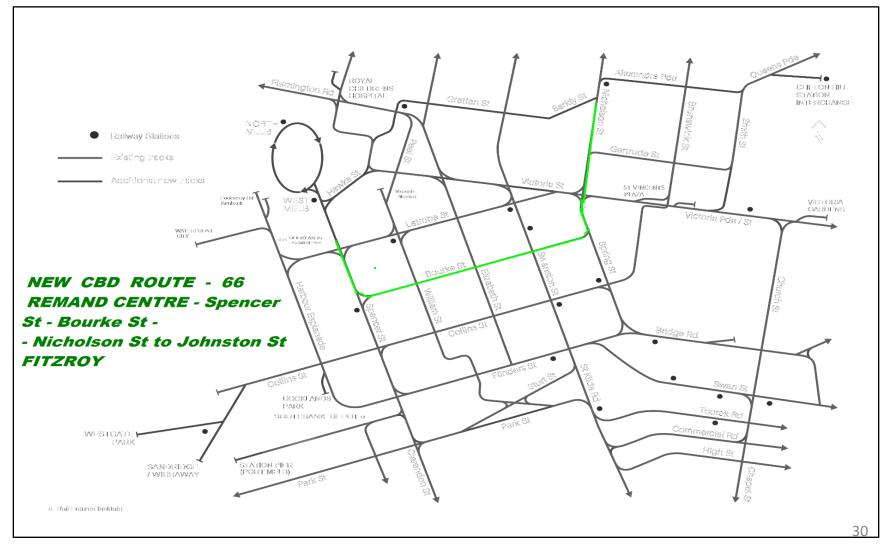
## Amalgamate Routes 30 & 78



## **Extend Route 67 to Parkville**



## NEW CBD Route - 66 Remand Centre - Fitzroy



## **ROUTE 16 Extension to KEW JUNCTION**



## IMPROVING THE CUSTOMER TRAM TRAVEL EXPERIENCE

# Transport for Melbourne



