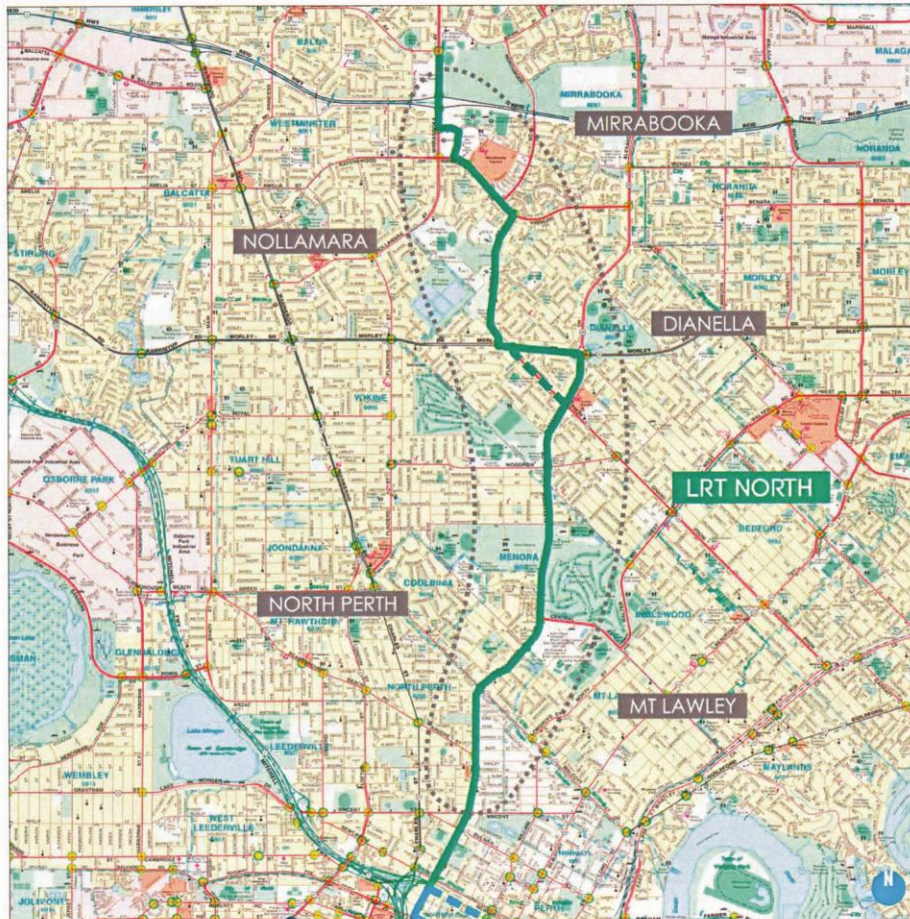
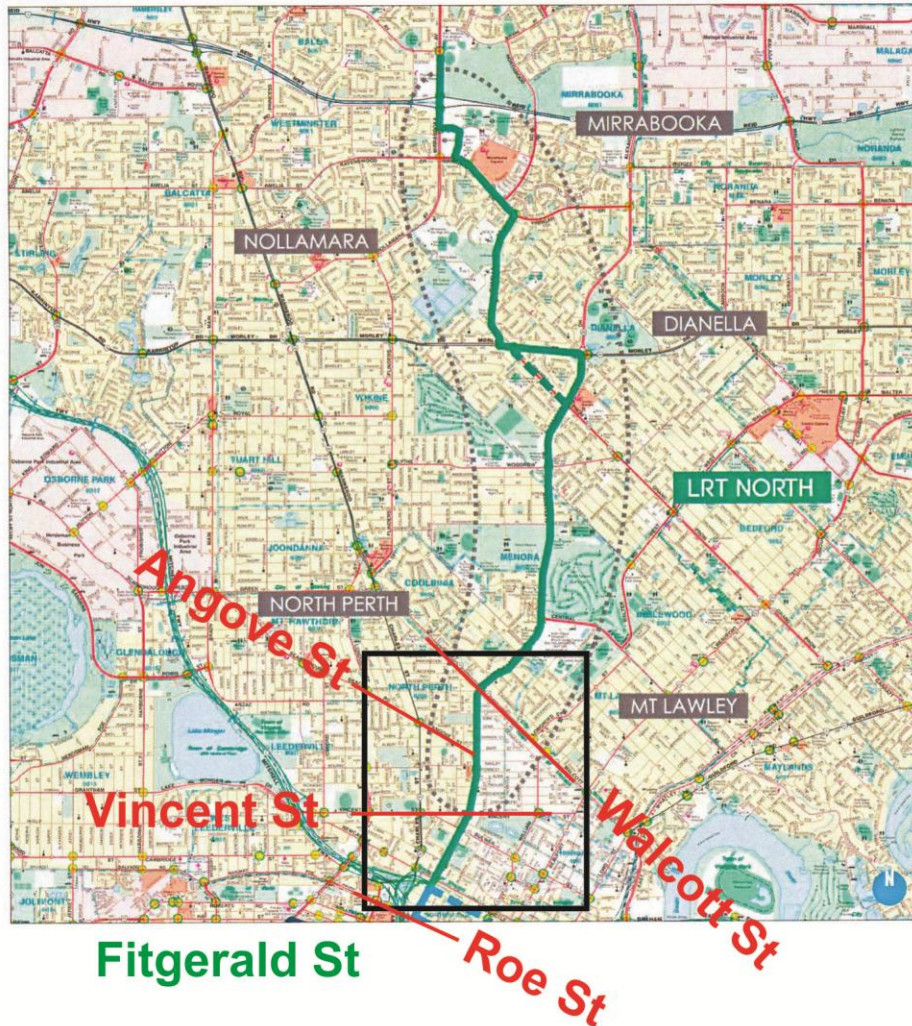


North Line - *as given*



North Line - *area of interest*



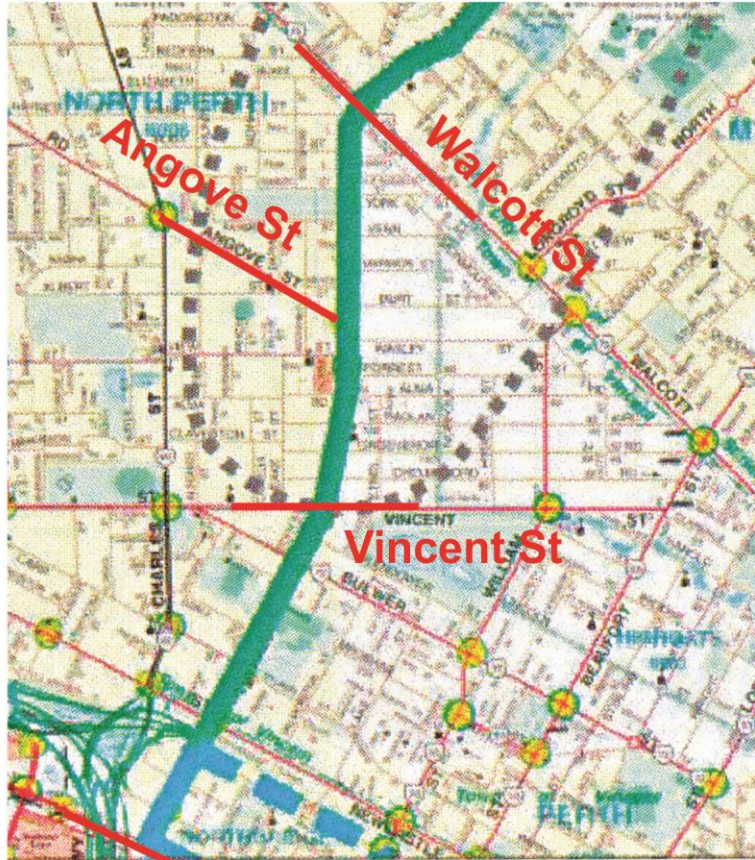
North Line - *area of interest*



Fitzgerald St

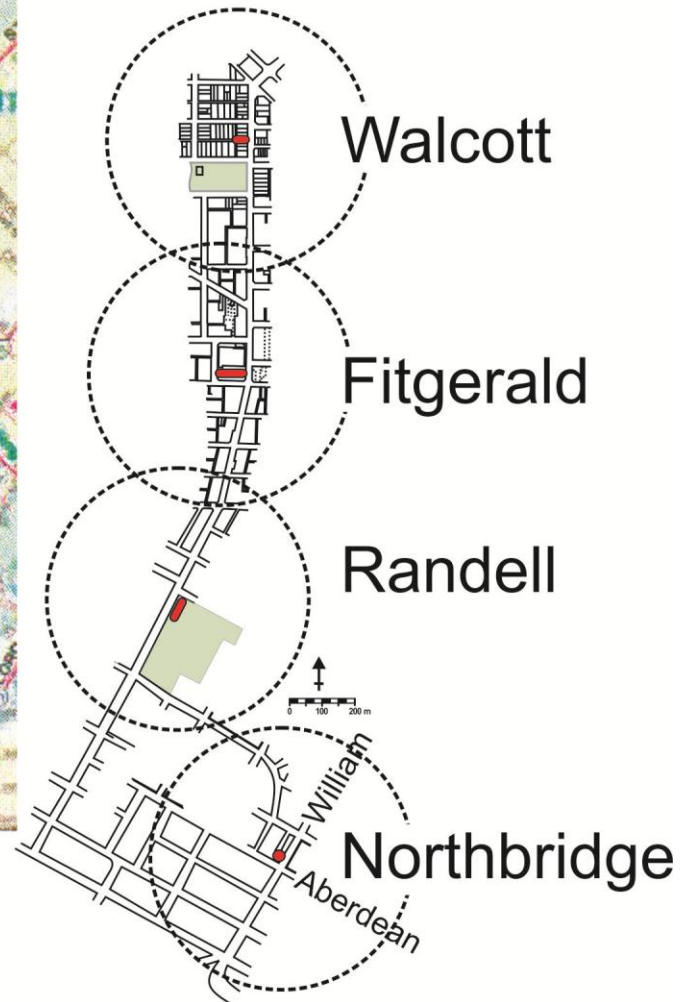
Roe St

North Line - *area of interest*

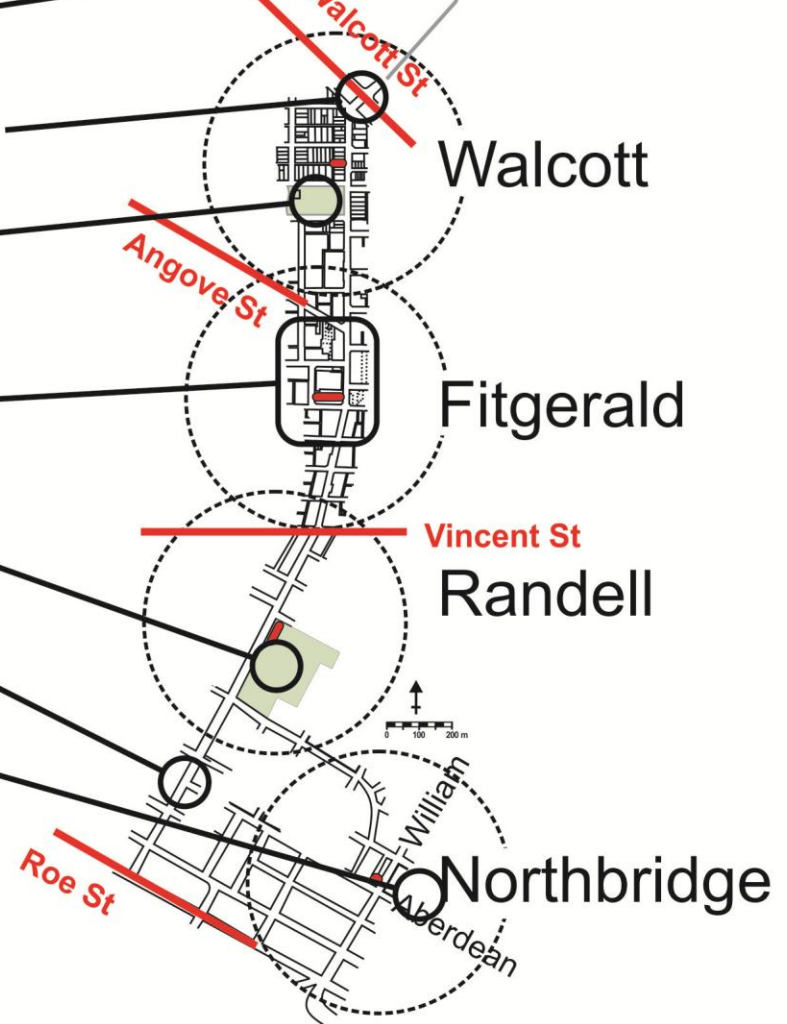


Fitzgerald St

Roe St



North Line - *external forces*

1. ECU 'just over hill' —
 2. No Walcott crossing traffic —
 3. Keep space 'green' —
 4. City of Vincent
'Lanes Development' —
 5. Keep space 'green' —
 6. Fitz Freeway to city —
 7. Northbridge TAFE —
- 
- The diagram is a map of the North Line corridor, showing the progression from the north towards the city. Key locations are marked with circles and labeled: Walcott, Fitzgerald, Randell, and Northbridge. The corridor is shown as a central line with various streets crossing it, marked with red lines and labels: Walcott St, Angove St, Vincent St, and Roe St. A scale bar indicates 0, 100, and 200 meters. A north arrow points upwards. The map also shows the Fitz Freeway and the City of Vincent 'Lanes Development' area. The locations are connected by lines to a list of external forces on the left.

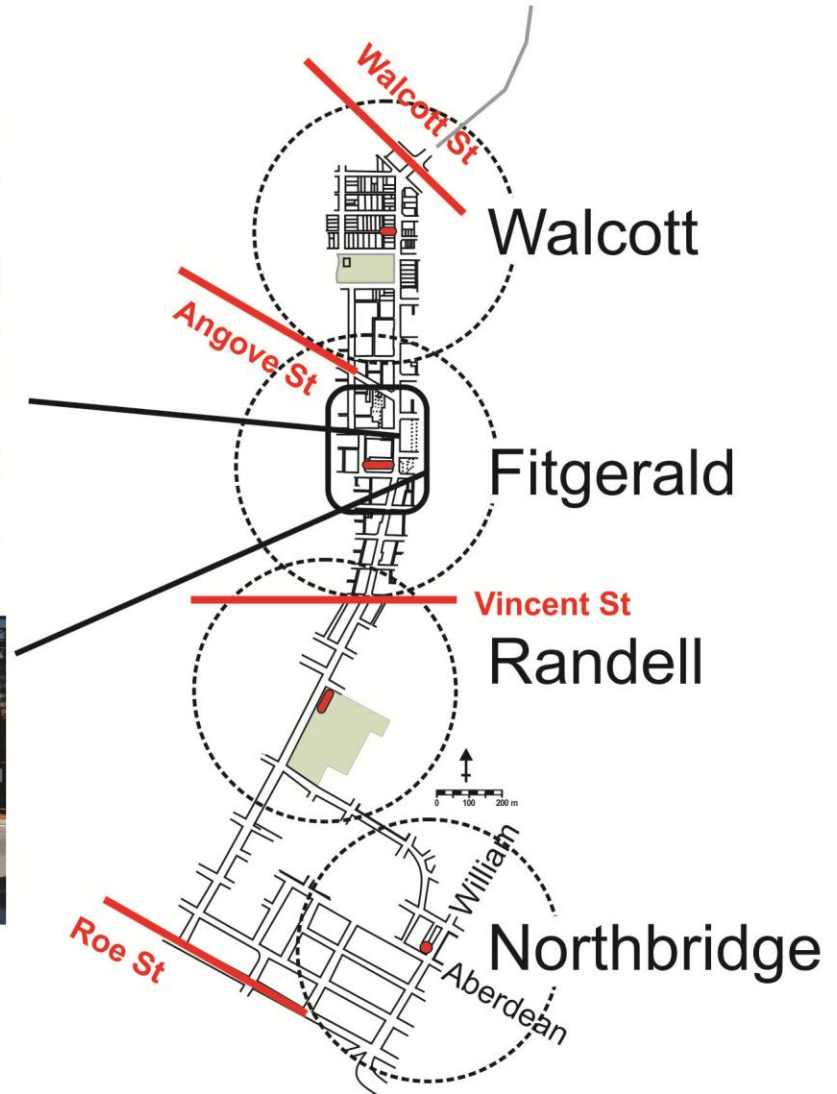
North Line - *reasons for lane devel both sides*



'Busy' Fitzgerald - looking north
and then add 2 LRT travks?



Turn 90 degrees - "vacant"
R code increase revitalisation



North Line - *A better LRT for lanes (U/G)*

Steel on Steel (SOS)

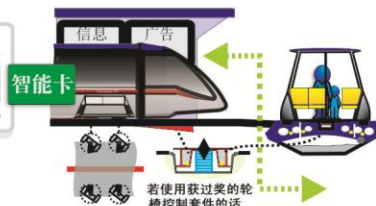
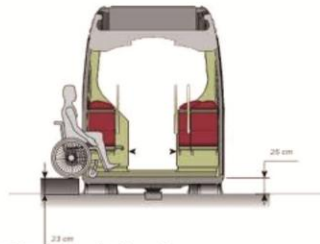


✗ Too wide
✗ Too high
✓ Low floor

✗ Too high for width
✗ Heavy for stability
✗ Floor too high

✓ Induction - **no overhead wire**
✗ Squeals in tight corners
✗ Floor not too high

Pneumatic tyres on Pavement (POP)



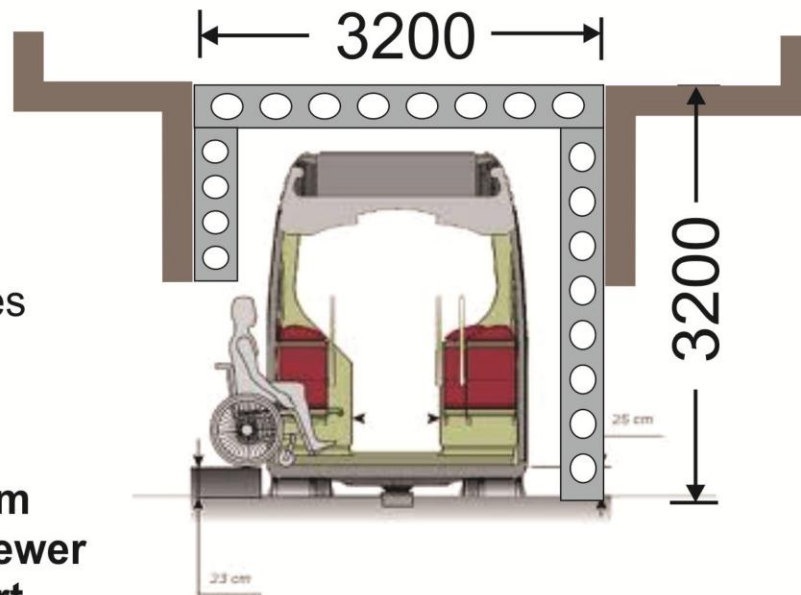
✓ **Narrower LRT with 2 seats wide**
✓ Rubber tyres **quieter** on / **steeper** grades
✗ Steel guidance with overhead

✓ Guidance with power
✓ Wide tyres - light & stable
✓ Extra low 'hanging' floor

North Line - *A better LRT for lanes (U/G)*

Pneumatic tyres on Pavement (POP)

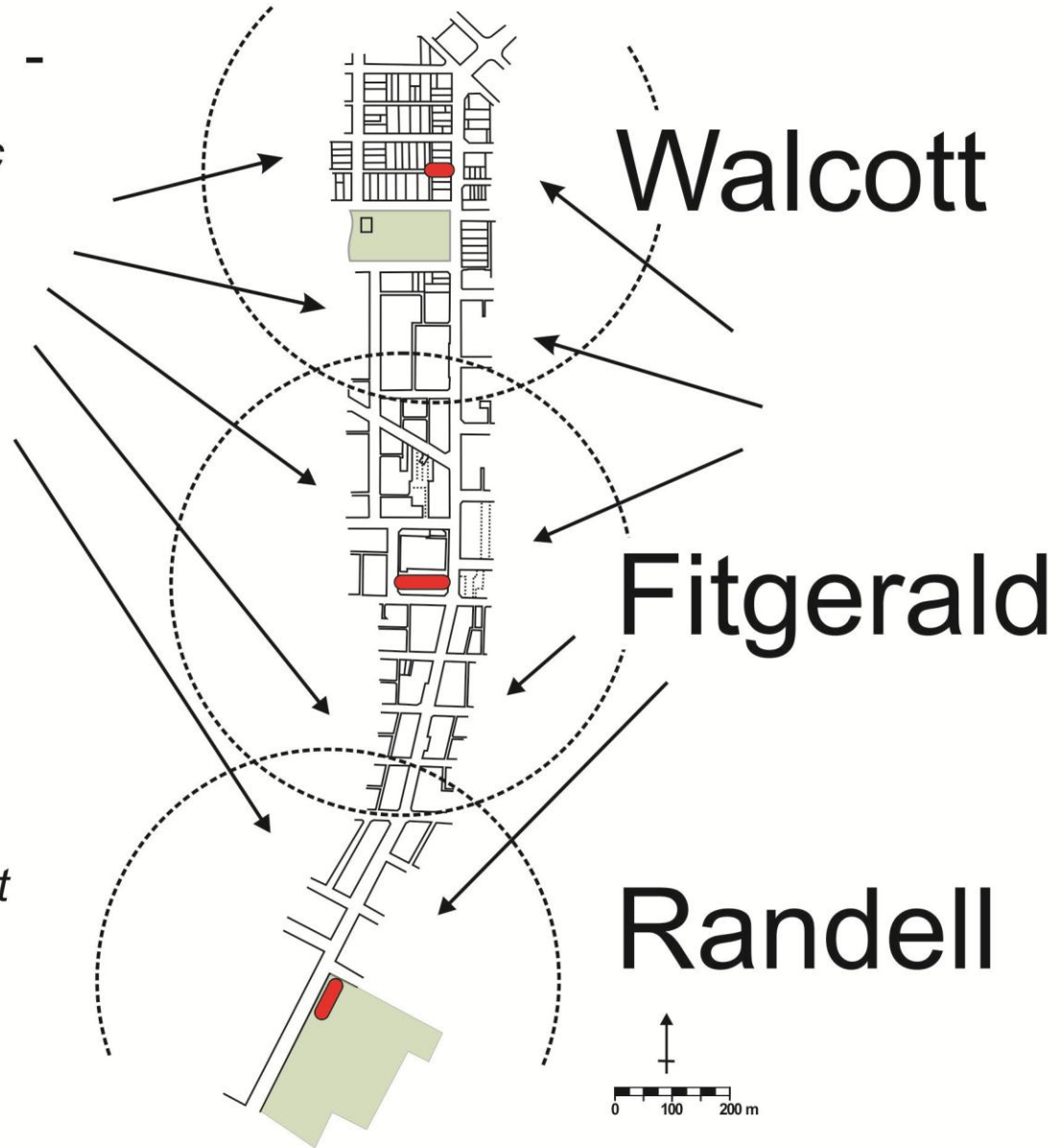
- ✓ Narrower LRT with 2 seats wide
- ✓ Rubber tyres quieter op / steeper grades
- ✓ Centre guidance and power delivery
- ✓ **Revenue generation from electricity, water, gas, sewer and broadband transport**



Other revenue sources possible with lane use and small 3200 x 3200 transport track area,

North Line -

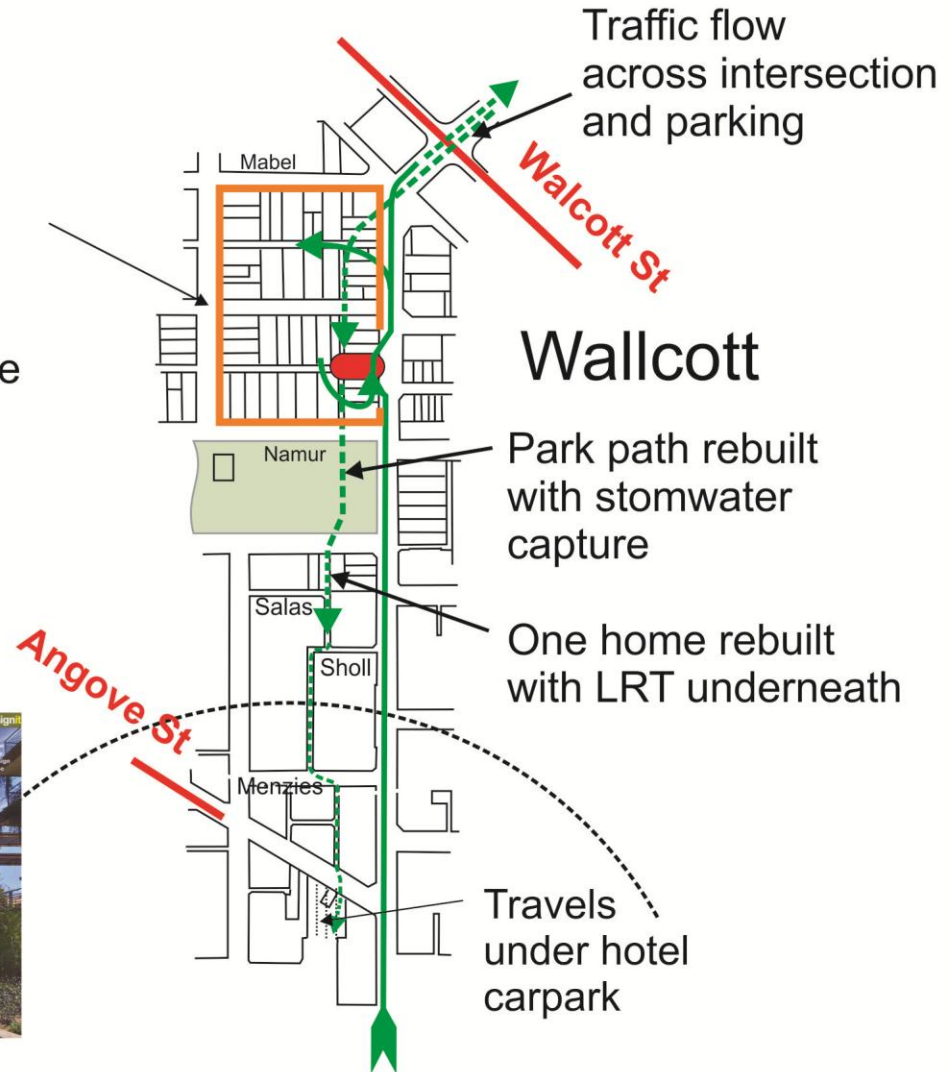
Lots of historic lanes and narrow roads on both sides of Fitzgerald that forms about a 500m north strip of opportunity. Separate into 2 lines to complement



North Line - *Walcott to Angove St*



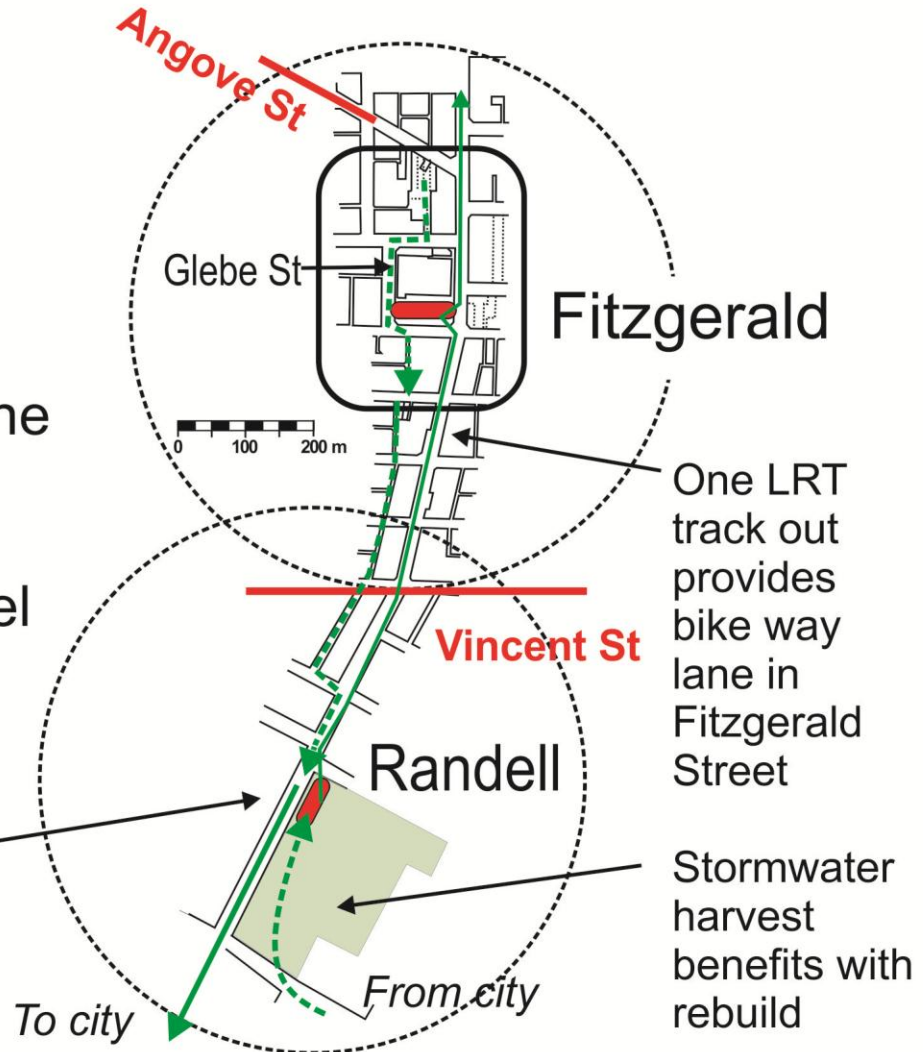
R160 / 30,000 sqm development with dual use 500 car day parking and overnight LRT storage. Peak demand buffer & cover for special events. 1500 mixed use, which pays for 800m of track.



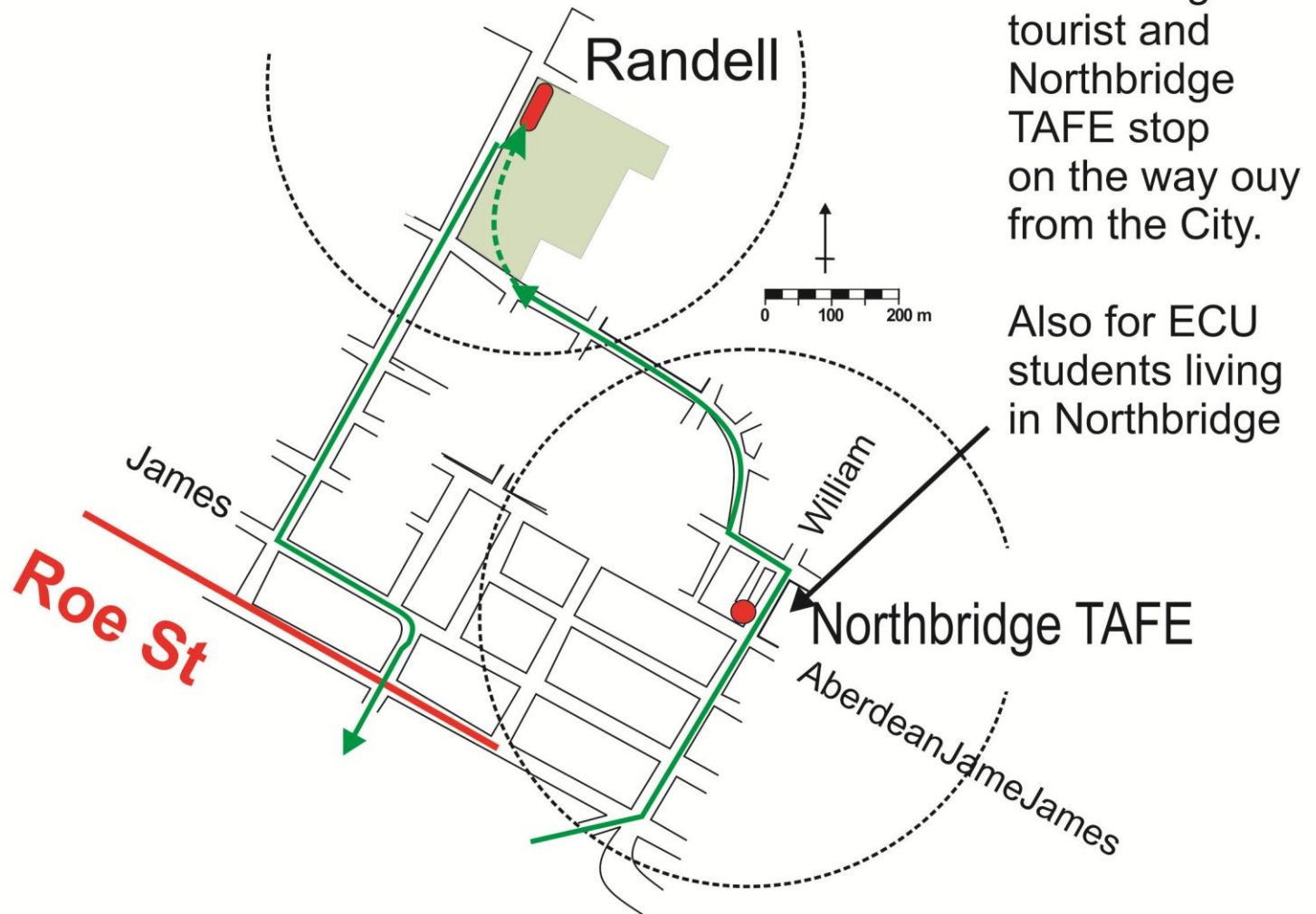
North Line - *Angove St to Randell*

One less stop
and dedicated line
under lanes
saves 3 minutes
in AM Peak travel
to the city

R160
Developments
overlook green



North Line - *Randell to Perth City*



Thankyou!

North Line - *area of interest*

