

LIGHT RAIL



LIGHT RAIL



Why?

How Many?

Issues

Further Value Added

Why?

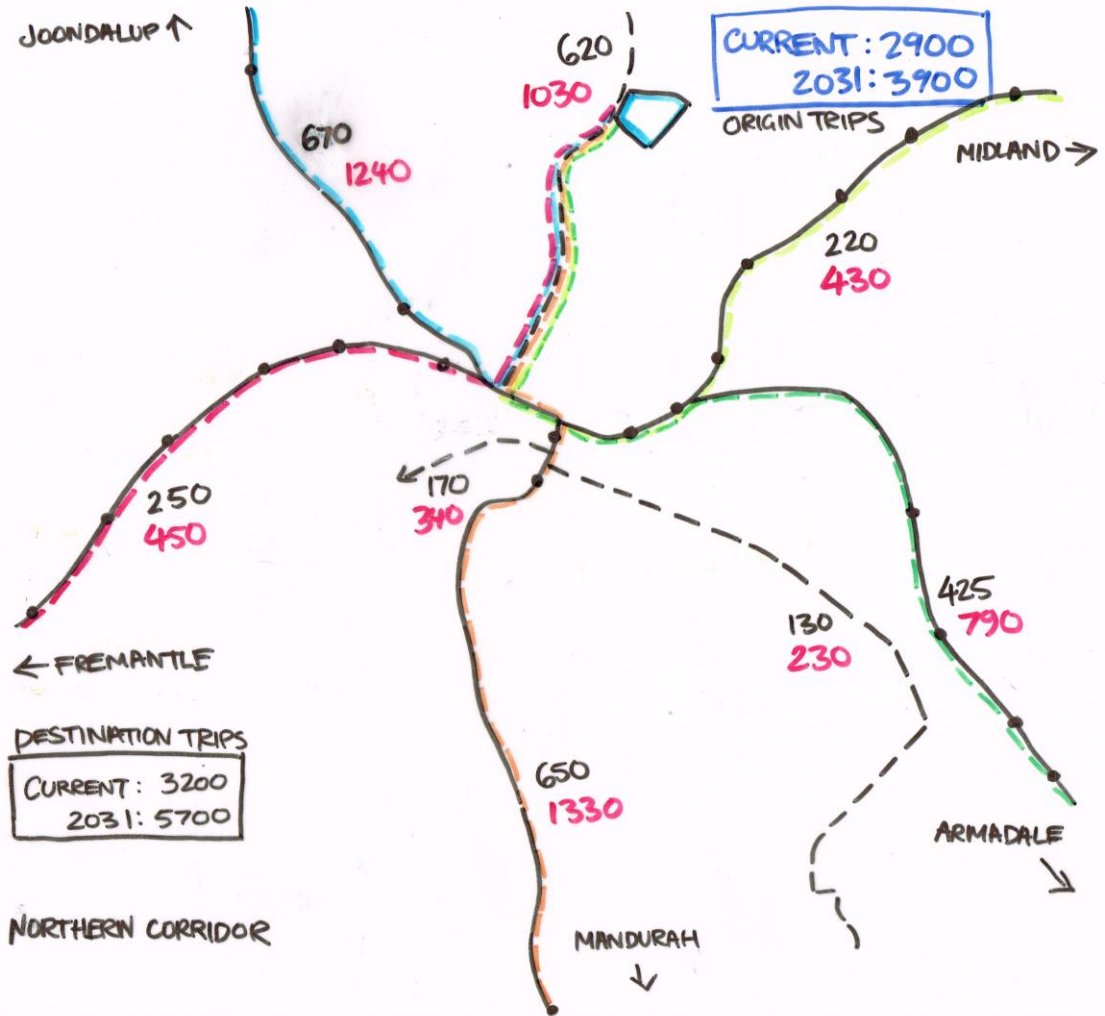
- **Growth in Perth**
- **Reduce car dependance**
- **Congestion of Buses in City**
- **Future congestion on Rail**
- **Poor East West Connection in the City**

- **Middle Capacity System with City Building attached**

- **Three Universities - Major Attractors not attached to Rail**

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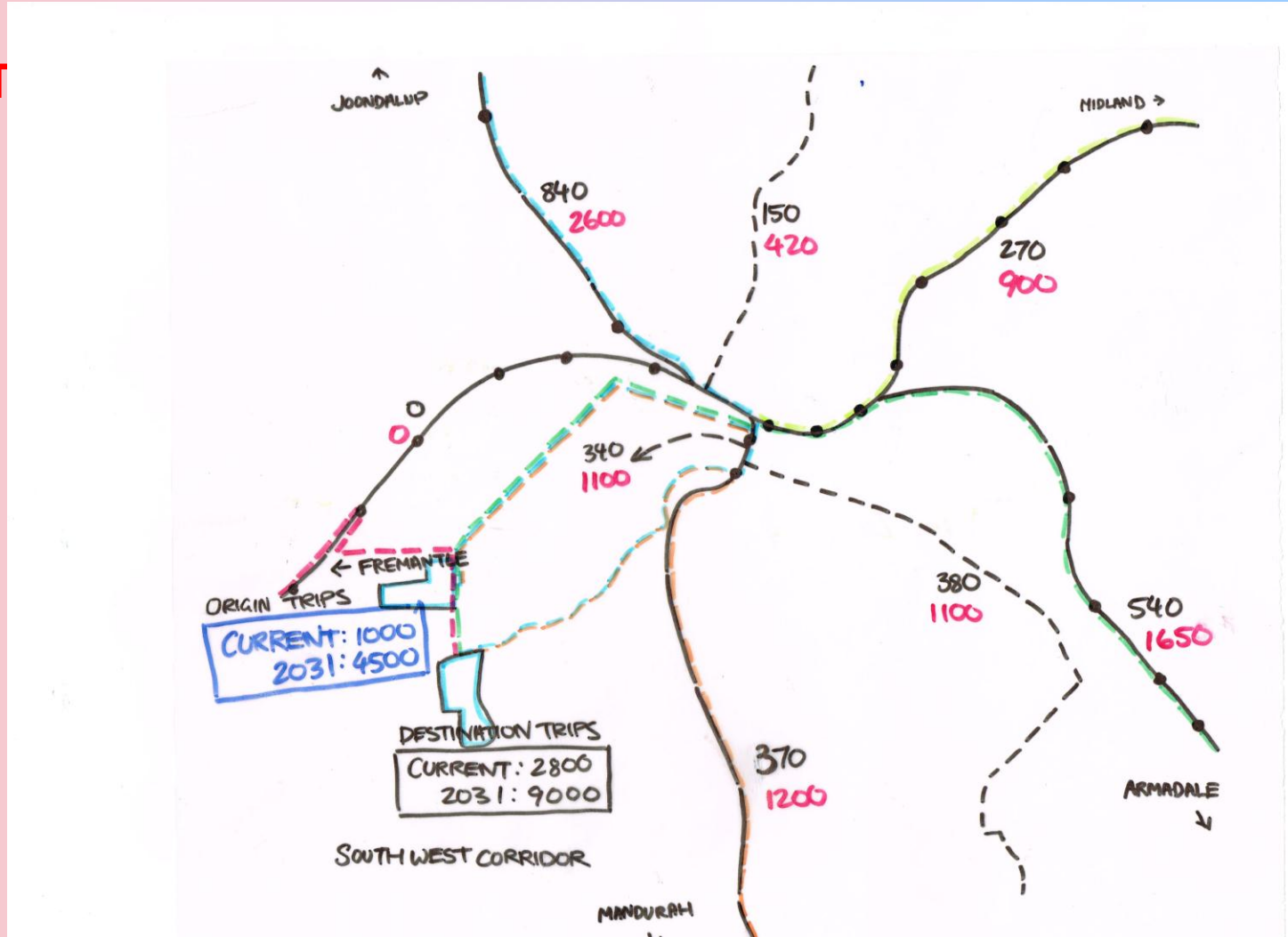
**NORTH
UEC**



LIGHT RAIL

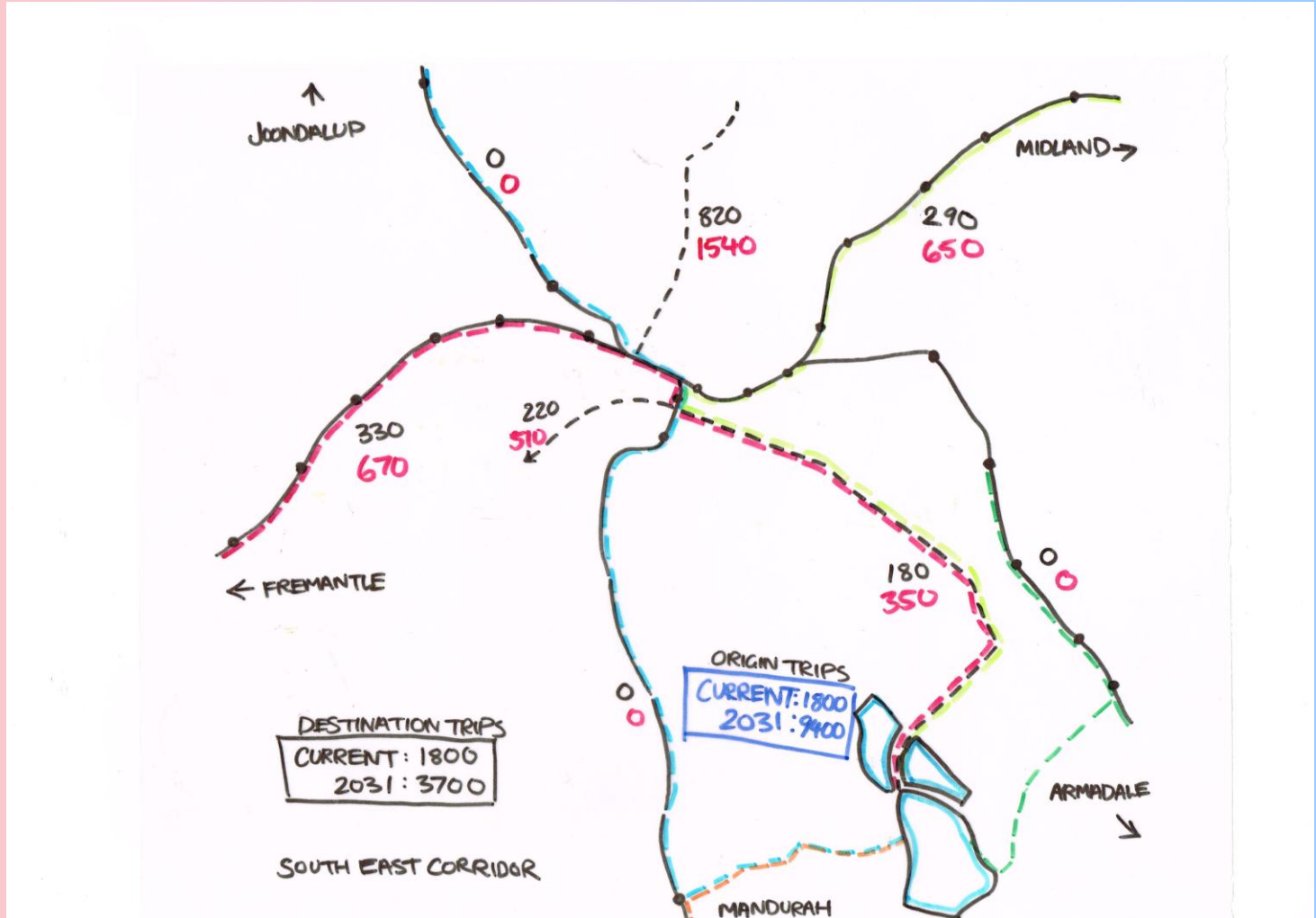
SOUTH WEST

UWA
QE2



LIGHT RAIL

SOUTH EAST



Issues

SW Line

- Needs Contra flow residents
- Time competitive bus route along Mounts Bay Road

SE Line

- Time competitive route via Canning Bridge Station
- Potential competition with heavy rail from people coming in from Midland

North

- Limited other employment attractors aside from University
- Brings more transfer into the CBD

VALUE ADDED

- All proved to be viable
- Adding value through street design.
- Additional residential development

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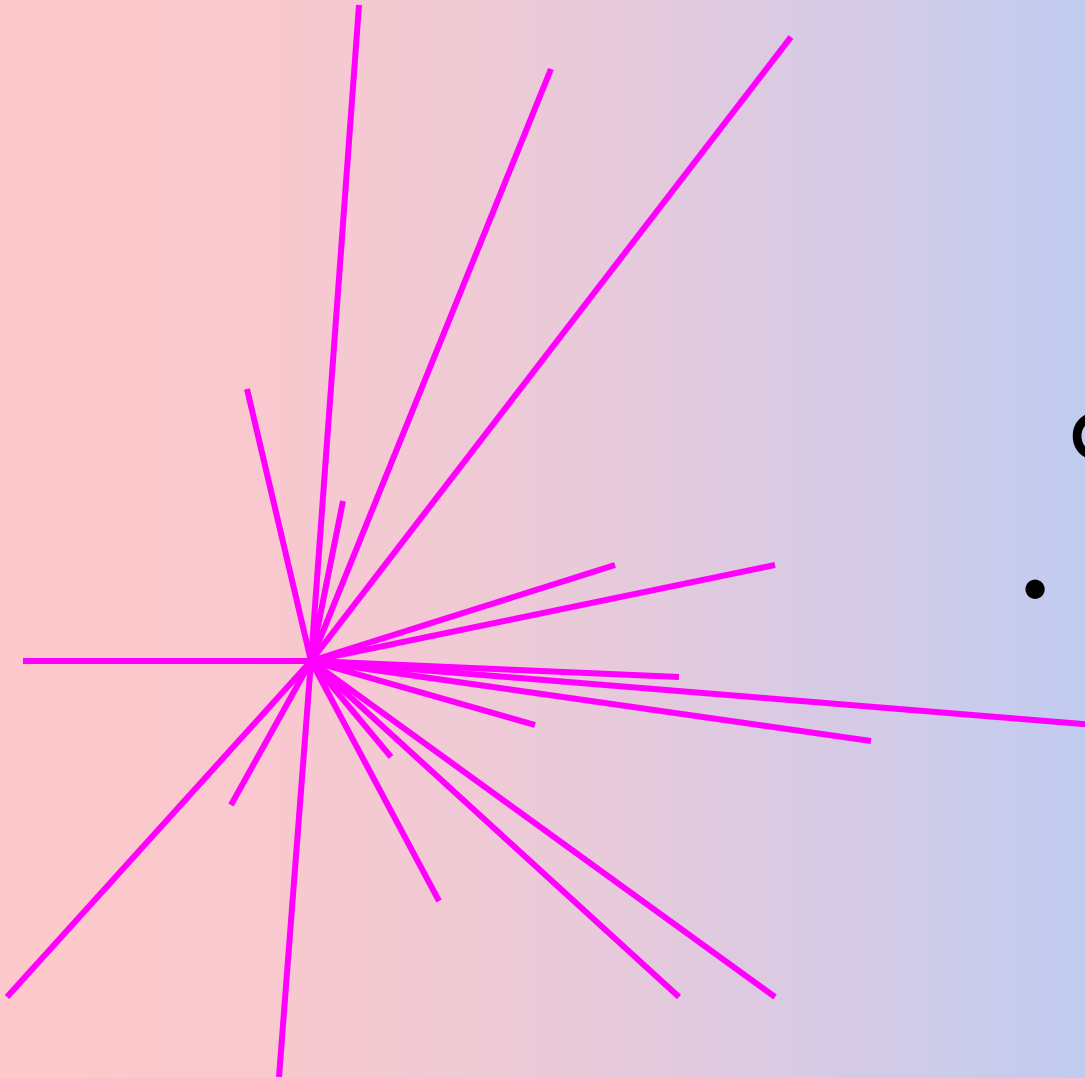
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CHRIS STAPLETON

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LIGHT RAIL

	Road	>15<25 DBI Deck	<15km Metro Sngl Deck	LRM DbI Unit	Light Rail	Bus
Capacity	6000	23800	28800	36000	9600	6000
Frequency	5400	17	24	60	60	120
Cost per KM	158	66	81	47	47	32
\$/pax	26333	2773	2813	1306	4896	5333
Ratio	20.2	2.1	2.2	1	3.75	4.1