

Attachment 4: 30 year roll-out of rail services and infrastructure investment

Maintenance and Renewal Costs over 30 Years \$1.3 B

Detailed investigation and planning

- Business case development
- Property Footprints and Planning
- Investigations and Consenting
 - Notices of Requirements
 - Designations processes

\$207M – AT
\$380M – KR

2037: Improved Journey Times

- 9 car express services from the Southern line and station upgrades
- Removal of Level crossing at Takanini and inner Western lines

Level Crossings Inner West	\$360M
Signalling and Power upgrade	\$285M
Fleet Depots and Stabling	\$45M
Station and Platform upgrades	\$400M

2045: Deconflicting passenger and freight

- Additional capacity between the most congested Wiri-Westfield section
- Removal of Level Crossings
- Upgrades to signalling power and stations

Level Crossings Outer South	\$185M
Signalling and Power upgrade	\$50M
New Track W2W additional	\$1.3B
Station and Platform upgrades	\$200M

2051: Segregated inner network

- Removal of Level Crossings – Outer West
- Opening of Avondale-Southdown crosstown corridor line

Level Crossings Outer West	\$470M
Signalling and Power upgrade	\$50M
Fleet Depots and Stabling	\$165M
New Track Avondale to Southdown	\$4.3B
Station and Platform upgrades	\$610M



2033: Increased capacity & reliability

- Reliability enhancements with a full 6-car services
- 3 new depot and stabling East / West / South

Level Crossings Inner Sth & Wst	\$1B
Signalling and Power upgrade	\$300M
27 Fleet + 3 X Depots / Stabling	\$1B
Station and Platform upgrades	\$250M

2040: Added inner-city Services

- Increase in peak inner-city frequencies to overcome crowding

Level Crossings Inner West	\$360M
Signalling and Power upgrade	\$50M
Fleet Depots and Stabling	\$300M
New Track Early Works	\$25M
Station and Platform upgrades	\$200M

2042: All-day turn-up and go services

- 4-tracking of Southern line to increase capacity
- Removal of Level Crossings – Outer South
- 40 trains - greater frequencies all day peak and off-peak
- Expanded stabling and depot facilities

Level Crossings - Outer South	\$180M
Signalling and Power upgrade	\$50M
Fleet Depots and Stabling	\$325M
New Track - Southern 4T	\$5.7B
Station and Platform upgrades	\$670M

Beyond 2050s
Foundation delivered to expand passenger capacity by 30% with 9-car services and freight capacity to accommodate over 1000m freight trains

Note
CS: Configuration State (Staged uplifts in customer benefits)
\$ include grouping of asset types and does not include escalation