# 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

Fleet Depots

and Stabling

Station and

Platform upgrades

\$360M

\$45M

\$400M



Signalling and \$285M Power upgrade

Signalling and Power upgrade

· Additional capacity between the most

congested Wiri-Westfield section

Removal of Level Crossings

\$50M

\$185M

2045: Deconflicting passenger and freight

Upgrades to signalling power and stations

Level Crossings

Outer South

New Track W2W \$1.3B additional

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

2050

\$165M

New Track Avondale to Southdown

Stabling

\$4.3B

Station and Platform upgrades

\$610M

2025

2030

2035

2040: Added inner-city Services

frequencies to overcome crowding

Level Crossings

Innr Wst

Signalling and

Power upgrade

Fleet Depots

and Stabling

Increase in peak inner-city

2040

2045

- 4-tracking of Southern line to increase capacity
- Expanded stabling and depot facilities

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\$180M

\$50M

\$325M

\$5.7B

- 2033: Increased capacity & reliability Reliability enhancements with a full 6-car
- 3 new depot and stabling East / West / South





Level Crossings Inner Sth & Wst

Signalling and Power upgrade

\$300M

27 Fleet + 3 X Depots / Stabling

\$250M

Station and Platform upgrades

New Track Early Works

\$25M

\$360M

\$50M

\$300M

Station and \$200M Platform upgrades

## 2042: All-day turn-up and go services

- Removal of Level Crossings Outer South
- 40 trains greater frequencies all day peak and off-peak

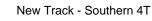


Level Crossings - Outer South



Signalling and Power upgrade







Station and Platform upgrades

\$670M

#### Note

CS: Configuration State (Staged uplifts in customer benefits)

Bevond 2050s

Foundation delivered to expand passenger capacity

by 30% with 9-car services and freight capacity to

accommodate over 1000m freight trains

\$ include grouping of asset types and does not include escalation

