

# Regional Rail Link

## Briefing to ICN VIC 2011 Major Project Forum

Regional Rail Link Authority CEO  
Corey Hannett  
Monday 1 August 2011



A horizontal bar with segments of yellow, orange, blue, red, green, and dark blue.  
**Nation Building Program**



# PRESENTATION OVERVIEW

- The case for Regional Rail Link (RRL)
- RRL project overview
- Key benefits of RRL
- Procurement update



# THE CASE FOR REGIONAL RAIL LINK

- Annual patronage growth over the past four years:
  - 7.3 per cent on the metropolitan network
  - 12.1 per cent on the regional network
- Patronage on Melbourne's metropolitan rail network is expected to grow by 7.9 per cent annually until 2018
- Patronage on Victoria's regional rail network is expected to grow at over 8.5 per cent annually until 2018



## PROJECT OVERVIEW

- Provides capacity for enough extra trains for thousands more passengers across the metropolitan and country rail networks
- Separates regional trains from metropolitan trains – Geelong, Bendigo and Ballarat trains get their own dedicated tracks through the suburban system from Sunshine to Southern Cross Station
- Dedicated regional tracks from west of Werribee to Deer Park via new stations at Wyndham Vale and Tarneit

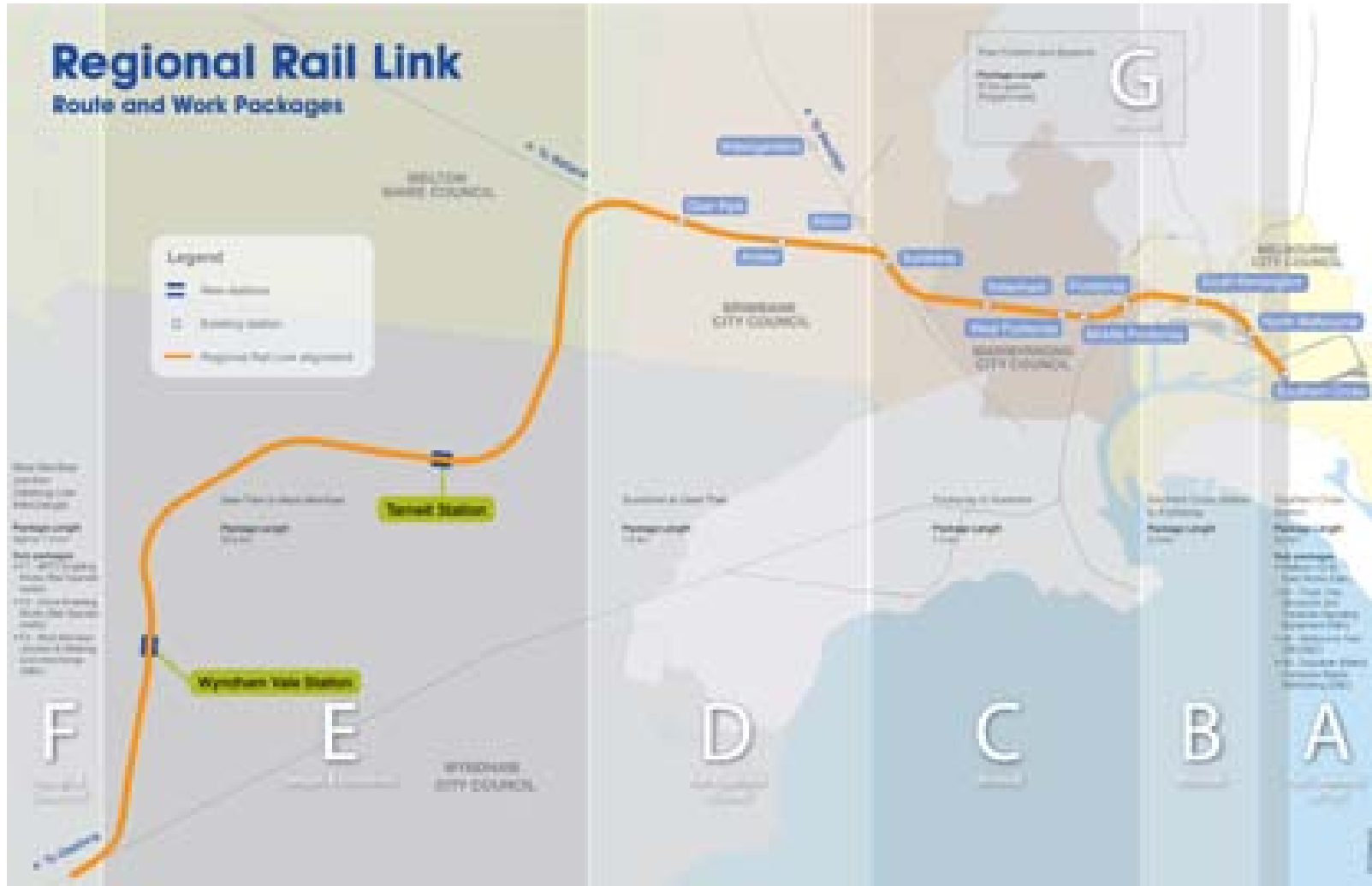


## KEY BENEFITS

- Future railway network growth
- Capacity for more passengers
- Reliability
- Supports sustainable urban growth



# REGIONAL RAIL LINK WORK PACKAGES



## KEY SCOPE ELEMENTS – WORK PACKAGE A

- Construction of the new Platforms 15 and 16 at Southern Cross Station
- Melbourne Yard Interlocking works
- Track and Civil works
- Suburban Interlocking works



# PROCUREMENT UPDATE – WORK PACKAGE A

## Southern Cross Station to South Kensington

- Delivery by rail operator
- Platform 15 and 16 complete
- Track and signalling works also underway



# KEY SCOPE ELEMENTS – WORK PACKAGE B

- New bridge over Maribyrnong River
- Upgrade of existing tracks to create two new regional tracks in a 4.5 kilometre section
- Track reconfiguration and upgrade to the North Melbourne rail-over-rail flyover
- Bridge modifications at Dynon Road, Moonee Ponds Creek and Lloyd Street
- Train Control and Systems works

# PROCUREMENT UPDATE – WORK PACKAGE B

## Southern Cross Station to Footscray

- Request for Proposal closed 3 June, evaluation currently underway
- Land acquisition underway
- Contract awarded 2012



## KEY SCOPE ELEMENTS – WORK PACKAGE C

- Approximately 7.5 kilometres of two new dedicated tracks 'at grade' for RRL services from Footscray to Sunshine
- Redevelopment of West Footscray Station
- Modifications to Footscray Station including two new platforms and escalators to all platforms
- Modifications to Sunshine Station - a new platform and modification to the existing platform
- Two grade separations at Anderson Road, Sunshine

# PROCUREMENT UPDATE – WORK PACKAGE C

## Footscray to Sunshine

- Two consortia shortlisted:
  - Synergy Rail (Abigroup, Coleman Rail, John Holland, AECOM and GHD)
  - Thiess, Balfour Beatty, Parsons Brinckerhoff and SKM
- Land acquisition and preparatory works underway
- Contract awarded early next year



## KEY SCOPE ELEMENTS – WORK PACKAGE D

- Signalling civil works for the existing Ballarat line
- Providing at-grade rail junction at Deer Park between the Ballarat line (west of Robinsons Road, Deer Park) and the new Regional Rail Link alignment running through to Wyndham Vale
- Upgrading four pedestrian rail crossings from ‘passive’ (crossings with mazes and safety signs) to ‘active’ (crossings with automated gates and audible warnings)
- Road improvement works at Fitzgerald Road and Station Road level crossings



# PROCUREMENT UPDATE – WORK PACKAGE D

## Sunshine to Deer Park

- Delivered by rail operator (V/Line)



  
**Nation Building Program**



## KEY SCOPE ELEMENTS – WORK PACKAGE E

- Approximately 25 kilometres of dedicated double tracks for regional passenger services from Geelong
- New stations at Wyndham Vale and Tarneit
- A full depth railway cutting through Manor Lakes
- Over 21 waterway crossings, including bridge structures over Werribee River, Skelton Creek, Lollypop Creek and Davis Creek
- Grade separations for major rail-road intersections including the Deer Park Bypass to avoid new level crossings



# PROCUREMENT UPDATE – WORK PACKAGE E

## Deer Park to West Werribee

- Bidders shortlisted
  - Abigroup Thiess JV
  - Fulton Hogan, John Holland & Coleman Rail JV
  - Leighton Baulderstone JV
- WP-E contract awarded early 2012



# KEY SCOPE ELEMENTS – WORK PACKAGE F

- Design and construction of a two-track rail flyover structure
- Civil works for signalling and communications



# PROCUREMENT UPDATE – WORK PACKAGE F

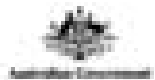
## West Werribee Junction

- Standard Gauge slew early works recently completed by ARTC
- Broad Gauge slew early works to be undertaken by V/Line
- Expression of Interest for design and construction of flyover released July 2011



# KEY SCOPE ELEMENTS – WORK PACKAGE G

- Train control
- Signalling
- Telecommunications
- Passenger information systems



# PROCUREMENT UPDATE – WORK PACKAGE G

## Train Control and Systems

- Two consortia shortlisted:
  - Invensys Rail and John Holland
  - UGL and Manidis Roberts
- Contract awarded early next year

