This EES Map Book shows the Melbourne Metro Concept Design and its key components across two set of plans:

- Horizontal Alignment Plans showing at each page opening the construction phase of the project (left side) and the operation phase of the project (right side)
- Vertical Alignment Plans showing the depth of the project infrastructure below surface level.

The Melbourne Metro Concept Design components shown within this EES Map Book include: two 9 km rail tunnels; two portals located at Kensington and South Yarra, five stations located at Arden, Parkville, CBD North, CBD South and Domain, and a passenger rail turnback at West Footscray. These components are represented within the Map Book across the nine precincts (tunnels, turnback, 2 portals and 5 stations), which collectively represent the proposed project boundary.

The proposed project boundary encompasses the key locations that would be used for permanent structures and temporary construction work sites (above and below ground). Further details of construction and operation are described in Chapter 6 Project Description.

The proposed project boundary and impact assessments undertaken for the EES have informed the 'draft Project Land' being exhibited with this EES in the draft Planning Scheme Amendment found in Technical Appendix A.
Western Portal Concept Design

Maribyrnong River
McClure Rd
Devon St
Bateman Rd
Balmer St
Childe St
Newton St
Wakefield St
Kirk St
Leicester Mews
Tennyson St
Tankard St
Mercantile Pde
Highett St
Clifford Tce
Derby St
Ormond St
Fairbairn Dr
Mercantile Pde
Hobsons Rd
Newman St
Gui
nness Ln
Taylor Mews
Nichols Ln
Hodgson Ln
Altona St
Western
Portal
Precinct
J.J. Holland
Park
50 Lloyd Street
Business Estate
South Kensington
Train Station
WEST MELBOURNE

Legend

Proposed Concept Design
- - Proposed rail alignment

Precinct Boundaries
Portal Precinct
Proposed temporary construction work site

Substations
Electrical Substation Construction Site
(3 Alternative Design Options)

Decline Structure (excavation)
Tunnel Cut and Cover (excavation)
TBM Retrieval Box (excavation)

Note: Proposed footprint of construction areas is indicative only and may be subject to change
ALTERNATIVE DESIGN OPTION - OPERATION

Note: Proposed footprint of post-construction structures is indicative only and may be subject to change.
CONCEPT DESIGN - OPERATION

Legend

- Proposed Concept Design
- Proposed Aligned Above
- Proposed Aligned Below Ground

Substations
- Electrical Substation Construction Site (Concept Design)
- Electrical Substation Construction Site (3 Alternative Design Options)

Local Government Area

Melbourne Metro Rail Project
Title: Environmental and Planning Precincts - Operation / Post Construction
Map 2 of 15
Drawing Number: MMR-AJM-UA-A-MP-NN-500288
Drawing Revision: C1

Note: Proposed footprint of post-construction structures is indicative only and may be subject to change.
CONCEPT DESIGN - OPERATION

Legend

- Proposed Concept Design
- Proposed Alignment Below
- Proposed Station Below Ground (Indicative)

Proposed Above Ground Structures
- Emergency Access
- Station Entrance Structure
- Ventilation Structure

Substations
- Electrical Substation Construction Site (Concept Design)
- Electrical Substation Construction Site (3 Alternative Design Options)

Note: Proposed footprint of post-construction structures is indicative only and may be subject to change.
CONCEPT DESIGN - CONSTRUCTION

Note: Proposed footprint of construction areas is indicative only and may be subject to change.
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CONCEPT DESIGN - OPERATION

Legend

- Proposed Concept Design
- Proposed Alignment Below Ground
- Proposed Station Below Ground (Indicative)
- Station Entrance Structure
- Ventilation Structure

Local Government Area

Note: Proposed footprint of post-construction structures is indicative only and may be subject to change.

Melbourne Metro Rail Project
Title: Environmental and Planning Precincts - Operation / Post Construction
Map 5 of 15

Drawing Number: MMR-AJM-UGAA-MP-NN-502288
Drawing Revision: C1

Drawn By: A. French
Approved By: M. Tansley
Date: 20 April 2016

Data Sources:
- Proposed Infrastructure: AJM 2016 - Alignment: Revision P2.4
- Stations (CONTEXT ONLY): Revision 4.3
- Contains Vicmap Information © State of Victoria 2016
- Aerial photo: DELWP, February 2015

CONCEPT DESIGN - OPERATION

Legend

- Proposed Concept Design
- Proposed Alignment Below Ground
- Proposed Station Below Ground (Indicative)
- Station Entrance Structure
- Ventilation Structure

Local Government Area

Note: Proposed footprint of post-construction structures is indicative only and may be subject to change.

Melbourne Metro Rail Project
Title: Environmental and Planning Precincts - Operation / Post Construction
Map 5 of 15

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CONCEPT DESIGN - OPERATION

Legend

- Proposed Concept Design
- Proposed Alignment Below Ground
- Proposed Station Below Ground (Indicative)
- Station Entrance Structure
- Ventilation Structure

Local Government Area

Note: Proposed footprint of post-construction structures is indicative only and may be subject to change.

Melbourne Metro Rail Project
Title: Environmental and Planning Precincts - Operation / Post Construction
Map 5 of 15

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CONCEPT DESIGN - CONSTRUCTION

Legend

Proposed Concept Design

Precinct Boundaries

- Proposed rail alignment

Tunnels Precinct

Station Precinct

Proposed temporary construction work site

Proposed excavation area - from surface

Proposed sub-surface excavation

Note: Proposed footprint of construction areas is indicative only and may be subject to change
CONCEPT DESIGN - OPERATION

Legend

- Proposed Concept Design
- Proposed Alignment Below Ground
- Proposed Station Below Ground (Indicative)
- Proposed Above Ground Structures
  - Emergency Access Structure
  - Station Entrance Structure
  - Ventilation Structure

Local Government Area

Note: Proposed footprint of post-construction structures is indicative only and may be subject to change.
CONCEPT DESIGN - CONSTRUCTION

Legend
- Proposed Concept Design
- Precinct Boundaries
- Proposed temporary construction work site
- Proposed excavation area - from surface

Data Sources:
- Proposed Infrastructure: AJM 2016 - Alignment: Revision P2.2
- Stations (CONTEXT ONLY): Revision 4.3
- Contains Vicmap Information
- © State of Victoria 2016
- Construction and Excavation data: Advisian 2016
- Aerial photo: DELWP, February 2015

Note: Proposed footprint of construction areas is indicative only and may be subject to change
St Kilda Road would remain open to through traffic (including trams, vehicles, cyclists and pedestrians) throughout construction by staging the work area.
CONCEPT DESIGN - OPERATION

Legend

Proposed Concept Design

Proposed Alignment Below Ground

Proposed Station Below Ground (Indicative)

Proposed Above Ground Structures

Emergency Access Structure

Station Entrance Structure

Ventilation Structure

Local Government Area

Note: Proposed footprint of post-construction structures is indicative only and may be subject to change.

Melbourne Metro Rail Project

Title: Environmental and Planning Precincts - Operation / Post Construction

Map 11 of 15

Drawing Number: MMR-AJM-UGA-MP-NN-500288

Drawing Revision: C1

Drawn By: A. French

Approved By: M. Tansley

Date: 20 April 2016

0 50 100 Metres
Trams diverted to Toorak Road West

Fawkner Park TBM
Southern Launch Site - Alternative Design Option

Domain St
Bromby St
Queens Rd
Kings Way
Mason St
Park St
Randall Pl
Queens Ln
Little Park St
Arnold St
Toorak Rd
Adams St
St Kilda Rd

Legend
Proposed Concept Design
Precinct Boundaries
Proposed temporary construction work site
Tram Diversion

Tunnels Precinct
Station Precinct
Proposed excavation area - from surface

Note: Proposed footprint of construction areas is indicative only and may be subject to change
CONCEPT DESIGN - OPERATION

Legend
- Proposed Concept Design
- Proposed Above Ground Structures
- Local Government Area
- Proposed Alignment Below Ground
- Emergency Access Structure

Note: Proposed footprint of post-construction structures is indicative only and may be subject to change.
CONCEPT DESIGN - CONSTRUCTION

Legend

- Proposed Concept Design
- Proposed rail alignment
- Decline Structure (excavation)
- Tunnel Cut and Cover (excavation)
- TBM Retrieval Box (excavation)
- New bridge

Proposed temporary construction work site
Proposed excavation area - from surface

Note: Proposed footprint of construction areas is indicative only and may be subject to change

Melbourne Metro Rail Project
Title: Environmental and Planning Precincts - Construction
Map 14 of 15

Drawing Number: MMR-AJM-USSA-MP-NN-50295
Drawing Revision: C1

Drawn By: A. Berman
Approved By: M. Tansley
Date: 20 April 2016
CONCEPT DESIGN - OPERATION

Legend
- Proposed Concept Design
- Proposed Alignment Above Ground
- Proposed Alignment Below Ground
- Emergency Access Structure
- Ventilation Structure
- Local Government Area
- Tunnels Entrance/Exit
- New Bridge

Note: Proposed footprint of post-construction structures is indicative only and may be subject to change.