

Suburban Rail Loop: Stage One

Environment Effects Statement

Stage One of Suburban Rail Loop will connect our growing health, education, retail and employment precincts in Melbourne's south east and east between Cheltenham and Box Hill.

The 26-kilometre Stage One corridor will be built as a twin-tunnel, standalone line to fully integrate into the existing public transport network.

The locations for six new underground stations have been identified at Cheltenham, Clayton, Monash, Glen Waverley, Burwood and Box Hill.

A new stabling facility, will be located near the start of the line in Heatherton, to allow train services to start efficiently each day. When not in service, trains will be stored in the facility, where they will be cleaned and maintained.

An intervention and ventilation facility will be built in Mount Waverley. The facility will provide fresh air ventilation into the tunnels and emergency exits for people within the tunnel.

As part of Stage One, we are also building a power supply substation in Burwood and at the stabling facility at Heatherton. These substations will provide essential power to run a fleet of high-tech, next generation energy efficient trains on the new rail line.

Like other major infrastructure projects, Suburban Rail Loop requires assessment and statutory approvals.

Rail infrastructure for Stage One of Suburban Rail Loop will be assessed through an Environment Effects Statement (EES) – Victoria's most comprehensive and transparent planning and environmental assessment process.

Technical studies

Supported by a range of technical investigations and studies, the EES will carefully consider potential effects associated with Stage One works including social, environmental and business impacts. It will also identify requirements that may be put in place to avoid, mitigate or manage these impacts on people and the environment.

The studies will gauge the potential effects of the project and provide guidance on mitigation measures. They will also inform any subsequent approvals or conditions on the project. This information, along with inputs from community and stakeholder engagement will help shape the detailed alignment, design and construction methodology.

Have your say



We want to hear your feedback. The community and stakeholders will play a key role in shaping Suburban Rail Loop. Suburban Rail Loop Authority is committed to ensuring all members of the community have access to project information and are engaged in the planning and development of the project.

To find out more about this transformational project and the latest opportunities to have your say visit suburbanrailloop.vic.gov.au.

Stage One studies

Suburban Rail Loop Authority is responsible for preparing the EES, including a range of technical investigations and studies to support the assessment

of the environmental effects. The matters to be investigated and documented in the EES are presented below, grouped by investigation theme.

Amenity



Amenity and environmental quality

Assess potential air quality, noise and vibration effects on the health, well-being and amenity of nearby residents and local communities and protect sensitive infrastructure.



Transport and traffic management

Assess potential impacts and benefits on the transport network (including pedestrian, cyclist, public transport and road traffic) during project construction and operation.



Aboriginal cultural and historical heritage

Assess Aboriginal and historical cultural heritage values and maximise opportunities to appropriately complement and preserve these values.



Biodiversity and arboriculture

Assess potential effects on vegetation, tree canopy, habitat and ecological communities.

Social wellbeing



Social, community and public health

Assess the potential effects on the community near the project, including community cohesion, access to services and facilities and health impacts and capitalise on opportunities to enhance benefits for communities.



Landscape, visual and recreational values and built form

Assess the potential effects on landscape, visual amenity and recreational values and capitalise on opportunities to enhance these values.



Land use planning and infrastructure

Assess potential impacts on land use and development and the project's fit with planning policies and strategies.



Greenhouse gas emissions and resource efficiency

Assess greenhouse gas emissions and capitalise on opportunities to reduce waste and use resources efficiently.

Soils and groundwater



Contaminated land and spoil management

Assess potential environmental effects resulting from the disturbance of contaminated or acid-forming material and manage spoil in accordance with best practice principles.



Surface water, groundwater and land stability

Assess potential effects on the interconnected surface water, groundwater and floodplain environments and on land stability.



Business and retail

Assess potential project impacts and benefits on economic activity and business operations during construction and operation of the project.

More information

To find out more about Suburban Rail Loop:

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It should be noted that this information is current at the time of printing, however changes may occur. Please visit suburbanrailloop.vic.gov.au for the latest updates.