MAJOR ROAD PROJECTS AUTHORITY

MORDIALLOC FREEWAY

Environment Effects Statement

13 STUDIES

OCTOBER 2018

VICTORIA'S BIG BUILD

VICTORIA State Government

Authorised and published
by the Victorian Government,
1 Treasury Place, Melbourne

Investigations and studies

The 9km Mordialloc Freeway will improve access to Melbourne's south-eastern suburbs, completing the missing link from Frankston to Clayton.

The Mordialloc Freeway will include:

- bridges over Springvale, Governor, Lower Dandenong and Centre Dandenong Roads, along with new freeway entry and exit ramps
- bridges over Old Dandenong Road and sensitive waterways area
- traffic lights to connect the freeway to Dingley Bypass
- upgrade to the existing interchange at Thames Promenade, Chelsea, with the Mornington Peninsula Freeway, along with freeway entry and exit ramps
- a new shared walking and cycling path along the entire freeway.

In July 2017, the Victorian Minister for Planning announced an Environment Effects Statement (EES) was required for the Mordialloc Freeway under the Environmental Effects ACT 1978 (Vic).

This fact sheet provides information about the investigations and studies we're undertaking to fulfil our EES requirements.

What is an Environment Effects Statement (EES)?

An EES is a formal process that looks at the potential environmental, social, cultural and economic impacts of a project and how they will be managed.

The EES scoping requirements will focus on the potential impacts to:

- **Transport efficiency, capacity and safety**: journey and road safety improvements.
- **Biodiversity**: migratory birds and the native vegetation when modifying grasslands and wetlands.
- **Water, catchment values and hydrology**: quality of water flows and drainage in the Mordialloc Creek catchment and the Edithvale-Seaford Wetlands.
- **Land contamination and acid sulphate soils**: quality of soil and possibility of disturbance during construction.
- **Cultural heritage:** Aboriginal and historic cultural heritage.
- **Amenity and environment quality**: increased traffic and noise for residents and nearby parklands, in addition to local air quality with exposure to vehicle emissions.
- **Social, land use and infrastructure**: changes from bridges over interchanges and the wetlands.

Timeline

Septemer 2017:

- Victorian Minister for Planning determines EES is required.

January 2018:

- Federal Minister for Environment and Energy determines project is a controlled action

March 2018:

- EES draft scoping requirements open for public comment.

April – October 2018:

- Minister for Planning sets the EES scoping requirements
- MRPA undertakes the EES studies

October 2018:

- EES public exhibition commences

Early 2019:

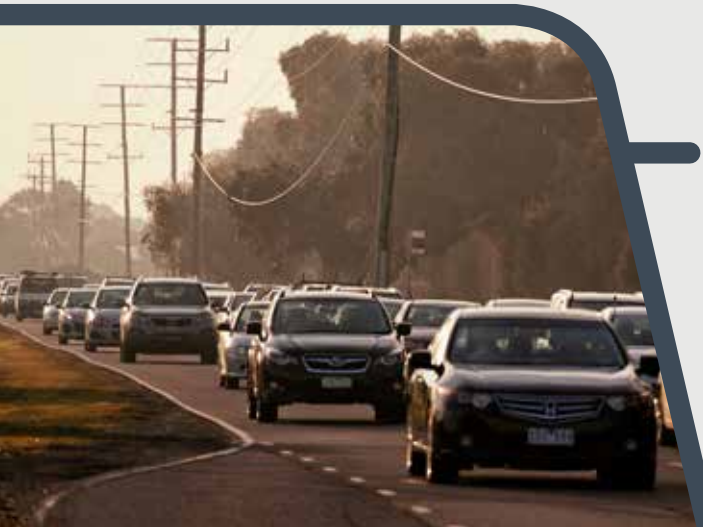
- Independent inquiry considers EES and public submissions
- Submitters may be invited to present in person
- Victorian Minister for Planning will make final assessment

Mid 2019:

- Building the freeway starts

End 2021:

- Building the freeway completed



What is being studied through the Environment Effects Statement?

We have engaged independent consultants to complete 13 key studies which address the EES scoping requirements.

Biodiversity

The biodiversity and habitat study will:

- look at the existing flora and fauna in the project area
- include extensive field and bird surveys
- review existing data
- carry out mapping across the Waterway Estate, Mordialloc Creek, Braeside Park, Woodlands Drive Industrial Estate and Edithvale-Seaford wetlands.

Traffic and Transport

The traffic and transport study will:

- investigate the impact of the project on transport movements, accessibility and safety
- carry out traffic surveys to review existing conditions
- include transport modelling to investigate the project's potential to change travel-demand, traffic volumes and travel times.

Noise and Vibration Effects

The noise and vibration effects study will:

- assess existing noise levels near the project area
- carry out noise modelling to predict potential noise impacts from freeway traffic and construction/vibration effects.

Land Use and Planning

The land use and planning study will:

- assess the potential effects of the project on the current infrastructure and how the open land spaces are being utilised
- carry out studies to identify building and landscape features around project area
- predict future land use requirements.

Aboriginal Cultural Heritage

The Aboriginal and cultural heritage study will:

- review the Aboriginal history of the area, particularly surrounding the former Carrum Carrum Swamp
- develop a Cultural Heritage Management Plan (CHMP) that will include reports on the Victorian Aboriginal Heritage Register
- investigate landforms, geology and soils
- identify Aboriginal places including sub-surface excavations.

Historic Cultural Heritage

The historic cultural heritage study will:

- include an archaeological assessment survey to understand existing conditions and potential impacts on historic heritage
- outline the land use history of the project area
- identify locations that have the potential to contain historical features.

Social Effects

The social effects study will:

- investigate existing conditions and the potential effects of the project on local communities
- review impacts to facilities, services, places of special interest, community activities and access patterns
- analyse stakeholder consultation feedback.

Landscape and Visual Effects

The landscape and visual effects study will:

- investigate the existing landscape and visual value of the project area
- review strategic documents, carry out site investigations, identify physical features, landscape character areas and places of public significance and value.
- determine the landscape's ability to absorb change resulting from the project.

Air Quality and Greenhouse Gas

The air quality and greenhouse gas study will:

- establish current air quality and greenhouse gas levels in the project area
- carry out modelling to predict future greenhouse gas emissions during the construction and operation of the project to determine air quality impacts.

Surface Water and Hydrology

The surface water and hydrology study will:

- investigate existing conditions of water assets in the study area, including drainage, waterways and floodplains
- carry out water quality, hydrologic and hydraulic modelling to detail the project's potential impact on water bodies.

Groundwater

The groundwater study will:

- assess the existing groundwater conditions
- identify the effects of the project on local and regional groundwater systems, and predict the potential beneficial uses of groundwater
- create a conceptual hydrogeological model that will characterise groundwater levels, flows and quality.

Economic Effects

The economic effects study will:

- identify economic risks, including cumulative impacts, that may result from the development of the project
- investigate economic issues, opportunities and constraints for businesses in the project area.

Soils and Contaminated Land

The soils and contaminated Land study will:

- assess potential contamination issues in the project area
- review the project design and construction methods to determine where contaminated areas may be disturbed
- analyse any potential environmental or health impacts to nearby residents, businesses and the environment.

Environmental Performance Requirements

One of the key outcomes of the EES process is to recommend a set of Environmental Performance Requirements (EPRs).

EPRs define the environmental outcomes that we will be required to achieve during the design, construction and operation of the Mordialloc Freeway.

The EPRs are based on compliance with legislation as well as standard requirements typically incorporated into construction contracts for road projects.

The EPRs will ensure we have clear targets to achieve as well as remaining accountable through each stage of the project.

When will the EES documentation be available to review?

The Minister for Planning will announce when the EES documentation, including the outcomes of each of the studies, will be available to review.

We'll promote the announcement on our website, email our project subscribers, hold information sessions and post information on social media.

We'll also engage local community groups, residents and businesses to help distribute information through their networks.

How can the public comment on the EES?

Formal submissions are managed by Planning Panels Victoria (PPV). Submissions can be made both online or in writing with details to be provided by PPV at the commencement of public exhibition.

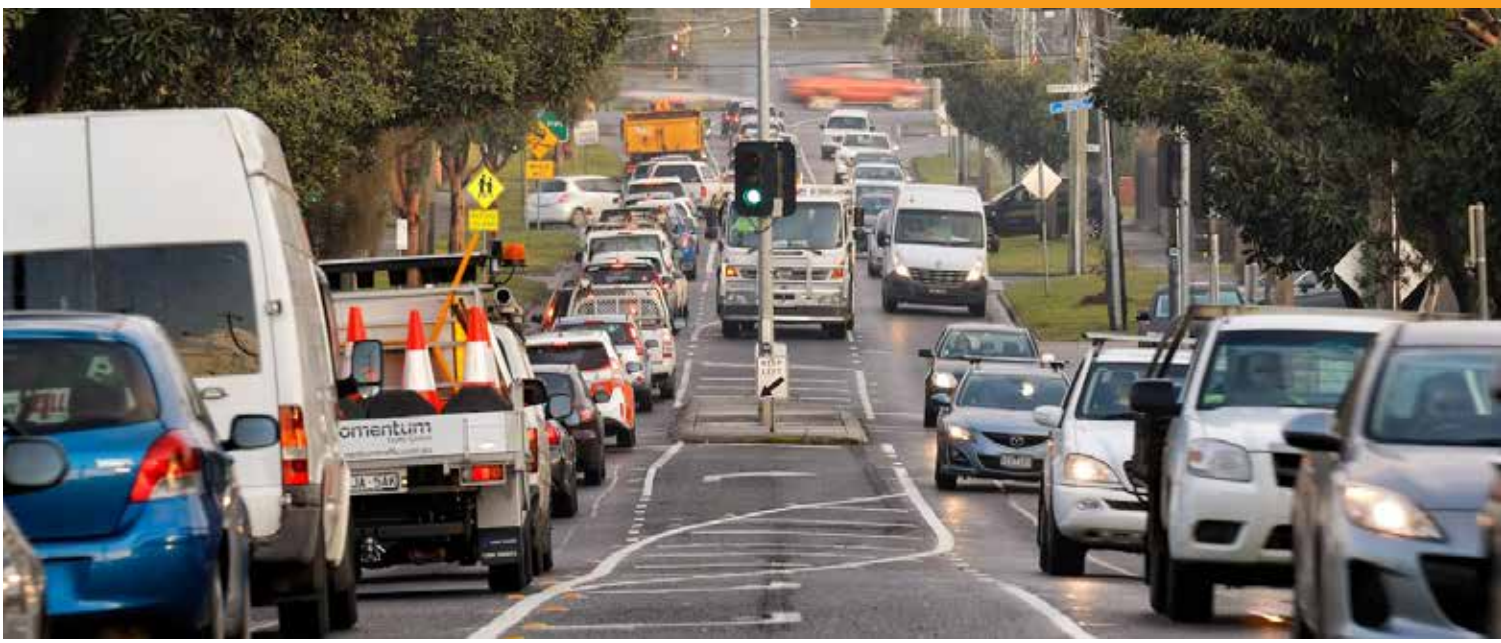
For more Information

To stay up-to-date on the EES process:

Visit: roadprojects.vic.gov.au and subscribe for updates.

Email: contact@roadprojects.vic.gov.au

Call: 1800 105 105



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