



OCTOBER 2019

Wetlands area

MORDIALLOC FREEWAY



Managing the environment

We're building the Mordialloc Freeway to connect the Mornington Peninsula Freeway to the Dingley Bypass.

The Mordialloc Freeway will slash travel times and ease congestion in Melbourne's south east, providing a safer, more reliable journey.

The project will take 13,000 trucks off local roads, giving local roads back to local residents. We've designed the Mordialloc Freeway to preserve the local environment as much as possible.

Environmental assessment

We've assessed the project's potential environmental, social, economic, and cultural heritage impacts and how we plan to manage them through the Environment Effects Statement (EES).

We invited the community to comment on our EES and an independent Inquiry and Advisory Committee (IAC) reviewed all submissions, heard from expert witnesses and held public hearings in early 2019.

The Minister for Planning released the IAC Report and his assessment, concluding the Freeway can be built and operated with acceptable environment effects.

The Federal Department of Environment and Energy has also approved the project under the *Environment Protection and Biodiversity Conservation Act*.

The Victorian Minister for Planning also approved our Planning Scheme Amendment and Environmental Management Framework (EMF), which outlines how we'll achieve acceptable environmental outcomes.

roadprojects.vic.gov.au

Authorised by the Victorian Government, 1 Treasury Place, Melbourne



What we're doing to protect wildlife

We'll reduce our impact on wildlife in the area during construction. We'll do this by:

- undertaking surveys to identify suitable habitats for wildlife relocation
- carrying out tree and vegetation surveys before we start work to relocate wildlife
- installing fencing around the project area to protect wildlife from our machinery
- banning our heavy vehicles from using Edithvale Road near sensitive wildlife habitats.

After we've finished construction, we'll protect wildlife by:

- installing barriers to reduce Freeway noise and light spill and facilitate safe flight paths for birds
- building crossings under the Freeway to ensure wildlife can safely move between habitats
- reusing logs to create new wildlife habitats.

Below image: Birdhide and Wetland Trail at Braeside Park

What we're doing to protect trees and vegetation

We've identified various species of vegetation throughout the project area. This includes native and introduced trees.

We'll reduce our impact on trees and vegetation in the area during construction.

We'll do this by:

- retaining as many trees as we can
- having an environmental specialist oversee the protection of any sensitive vegetation
- protecting trees and sensitive vegetation by fencing off 'no-go zones'
- having specialists inspect trees and vegetation before they're removed and only removing what is unavoidable
- building twin bridges over the Waterways wetlands to allow light and rainfall to reach the vegetation below.

We'll also plant new trees and vegetation at the end of the project. We're working with landscape designers, councils and local environment groups to determine a landscape design that supports ecology and improves visual amenity along the Freeway.

We're also collecting seeds from native trees on site. We'll replant seeds at the end of the project and we'll also offer these to local community groups, schools and members of the community. We're also exploring opportunities to re-use timber.

What we're doing to manage air quality

We'll reduce dust from construction and minimising any potential impacts on air quality. We'll do this by:

- minimising the time between stripping topsoil and commencing excavation
- using crushed rock to pave truck haulage routes within our work site
- watering areas where earthworks are occurring, to help reduce dust
- covering truck loads when travelling to and from the work site.

We'll also monitor the air quality and dust impacts during construction, to assist in managing impacts.

What we're doing to manage water quality

We'll manage surface and ground water quality during construction by:

- developing a Water Management and Monitoring Plan in consultation with Melbourne Water and the Environment Protection Authority
- using sacks filled with sand to stop sediment from entering drains, storm water pipes and waterways
- building temporary ponds to capture eroded or disturbed soil, so that it does not enter waterways
- always having spill containment materials available to our workers
- installing silt curtains in waterways to prevent pollution.

We've also included swales which are vegetated channels with sloped sides, in our landscaping plans. They'll help remove pollutants from the surrounding waterways and wetlands, including contaminated road run-off, oil, and grease.

What we're doing to manage contaminated land

We've identified several locations within the project area that we know to be contaminated and others that are potentially contaminated.

We'll manage these locations by:

- developing specific Soil and Gas Management Plans in consultation with the Environment Protection Authority
- minimising excavation of contaminated land
- installing a gas capture and venting system at the former landfill site in Dingley Village.





Tree and vegetation

What we're doing to keep our worksite tidy

We'll maintain the work area to ensure that it is always clean and tidy. We'll ensure that all rubbish is disposed of appropriately, whether it is large volumes of construction material, soil or lunch wrappers.

Being accountable for what we do

We've developed an Environmental Management Framework (EMF) which includes approved Environmental Performance Requirements (EPRs) to minimise impacts to the environment.

These environmental outcomes are required to be achieved during the design, construction and operation of the Freeway.

As part of these requirements we've developed a Construction Environmental Management Plan, Environmental Management Plans, and detailed site-based Environmental Construction Procedures. We'll also:

- appoint an Independent Reviewer and Environmental Auditor to review plans, check we're achieving acceptable environmental outcomes and publish audit reports on our website
- complete weekly environmental inspections and monitoring
- ensure that all staff working on the project are aware of environmental responsibilities.

Information on our EPRs can be found in our Environmental Management Framework and viewed at roadprojects.vic.gov.au/projects/mordialloc-freeway

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