



# LEVEL CROSSING REMOVAL PROJECT

NOVEMBER 2016

## CAULFIELD TO DANDENONG

# Project design

The Caulfield to Dandenong Level Crossing Removal Project involves the removal of nine level crossings between Caulfield and Dandenong.

It includes five rebuilt stations at Carnegie, Murrumbeena, Hughesdale, Clayton and Noble Park, as well as an upgrade of rail systems, power and signalling along the Cranbourne and Pakenham rail lines.

### The design process

A project of the size and complexity of the Caulfield to Dandenong Level Crossing Removal Project involves a considerable amount of design work to arrive at the finished product.




We need to consider a range of factors as well as community feedback when working towards the final design.

The Caulfield to Dandenong Level Crossing Removal Project is split into 160 individual design packages. We prioritise these packages and progressively pass them onto the construction team when complete. Staging the design in this way is typical of a major infrastructure project and allows us to start and finish sooner.




**Removing 50 dangerous and congested level crossings will transform the way people live, work and travel across metropolitan Melbourne and improve safety for drivers and pedestrians.**

### CONTACT US

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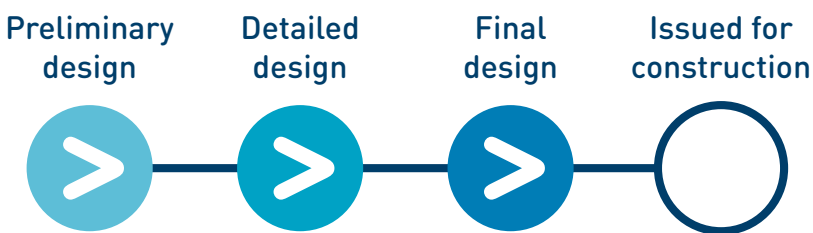
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# Design – a step by step guide

Each design package has to go through three formal steps before construction can commence: preliminary design, detailed design and final design.

At each stage, the design package is further developed and refined, taking into account the development of other packages and feedback from external stakeholders.

Design for the Caulfield to Dandenong Level Crossing Removal Project will be fully complete in late-2017.



## Who reviews the design?

In addition to the feedback sought from the local community, more than 28 organisations have been involved in reviewing design packages, including:

- Local councils (City of Glen Eira, City of Monash, City of Kingston and City of Greater Dandenong)
- Victoria Police
- Melbourne Water
- Office of the Victorian Government Architect

- VicTrack
- Metro Trains Melbourne (MTM) and Public Transport Victoria (PTV)
- Bicycle Network.

A Community Open Space Expert Panel has been established to oversee plans for the 225,000 square meters of new public open space that will be created by the project.

The panel is reviewing and providing feedback on the open space and station precinct design packages.

## Which designs are finished first?

Murrumbeena Station and the elevated structure are two of the design packages to be finished first.

Completing the design for these two components allows the construction team to set up the launch site at Murrumbeena Station and begin piling work on the job.

1. Murrumbeena Station (complete)
2. Elevated rail (late 2016)
3. Noble Park Station (late 2016)
4. Clayton Station (late 2016/early 2017)
5. Hughesdale and Carnegie stations (early 2017)
6. Community open space (late 2017/early 2018)

**300 designers and engineers will create more than 20,000 detailed technical drawings.**

