**Mt Derrimut Road level crossing removal and new Deer Park Station virtual information room content**

**Translation poster**

Need information in another language? Please call (03) 9209 0147

**Project Overview poster**

As part of the Victorian Government’s commitment to removing 85 dangerous and congested level crossings, we are removing the level crossing at Mt Derrimut Road by elevating the rail line over the road and building a new Deer Park Station and bus interchange.

Removing this level crossing will ease delays for the 23,000 vehicles that pass through every day. Pedestrians, cyclists and drivers will no longer need to wait for the boom gates, which can be down for up to 60% of the morning peak.

The new station precinct will be accessible from both sides of the rail line with:

• A multi-bay bus exchange

• Two spacious, landscaped forecourts

• Secure bike storage

• An air-conditioned waiting room

• Pathways, lighting and security cameras

• Two modern, elevated platforms with lifts, ramps and stairs

Early works and site establishment will begin in early 2022, with major construction to begin in mid 2022. The level crossing will be removed and the new station in use by 2024.

Project benefits:

* Improved safety for drivers, pedestrians and cyclists
* Increased accessibility to public transport services
* Better connections on both sides of the rail line
* A more reliable road network and better travel times
* Paving the way for future transport upgrades

*Image – picture of a boom gate to the right of the poster.*

**Project Timeline poster**

Early 2021 - Concept designs released

• We released the plan to remove the level crossing by building a rail bridge over Mt Derrimut Road.

Early 2021 - Community engagement

* We asked the Deer Park community what matters to them and what they wanted to see in the final designs.

2021 - Further design and project planning

* Investigations helped us gain an understanding of the area and told us what additional detailed investigations were needed as we further refined the design options for this site.

Late 2021 to early 2022 - Site investigations continue

* We’re taking soil samples to better understand the ground conditions.

Early 2022 - Release final designs and ask the community for feedback

* We’re showing the community the designs, asking for feedback and answering your questions.
* We’ll deliver early works and site establishment will also take place.
* We’ll start talking to the community in more detail about construction.

Mid 2022 to 2024 - Major construction

* We’ll get to work on removing the level crossing and building the new Deer Park Station and surrounding precinct.
* We’ll let you know in advance of construction works and how we will minimise any impacts.

2024 - Level crossing removed

*Image – artists impression of the new Deer Park Station to the right of the poster.*

**What to Expect During Construction poster**

The Mt Derrimut Road level crossing will be removed by building a rail bridge over the road and a new, elevated Deer Park Station. Early works start in early 2022, with major construction starting in mid 2022 and the job will be done by 2024.

During major construction we’ll drill deep holes to fill with concrete, known as piling, for the foundations of the new rail bridge. We’ll also create some retaining walls and remove the existing station platform to make way for the new Deer Park Station.

Where possible we’ll reduce noise and vibration and minimise dust during construction.

We have a dedicated team that works with the community to keep you informed about what’s happening during construction. Sometimes it is not possible to avoid disturbing residents and we need to consider other options. This can include offering temporary respite and relocation before impactful works begin, and in response to requests during work.

What causes noise and vibration?

The main sources of noise and vibration are:

* excavation and rock breaking
* drilling deep into the ground, known as piling
* heavy machinery, generators and power tools.

*Image – picture of a piling machine at work to the right of the poster.*

**Commitment to the Community poster**

Our works will begin soon and we’d like to keep you informed along the way.

What you can expect from us:

* Timely updates about the project construction activities and potential impacts
* Regular project updates providing information about the Mt Derrimut Road
* Level Crossing Removal Project and other Victoria’s Big Build projects happening in your area
* Timely project team responses to community enquiries

How we’ll keep you informed:

* Works notices
* Regular project updates
* Community sessions
* 1:1 meetings
* Door knocking
* Station signage
* Updates on the Mt Derrimut Road project page at levelcrossings.vic.gov.au where you can also register for email updates
* For SMS updates text Derrimut to 0427 840 967

\*Please note some above activities may not occur during coronavirus restrictions

*Image – artists impression of seating around the lift shaft at the new Deer Park Station to the right of the poster.*

**Road and Rail Disruptions Poster**

During construction there will be changes to the way you access and travel around the Deer Park Station precinct, with some road and rail closures.

Road

Our works take place on and next to key local and arterial roads. This may lead to occasional changes in how you drive, cycle and walk through the area and potentially cause delays. We’ll always maintain access for emergency services and provide you with plenty of notice so you can plan your travel.

Rail

Most of our works near the rail line can be done without stopping the Ballarat and Geelong line trains. From time to time we will close the rail line overnight, to minimise the impact on commuters. There will be one extended rail closure towards the end of the project when we remove the level crossing and prepare the new Deer Park Station for opening. We’ll provide plenty of notice for any rail closures.

*Image – photo of an electronic sign with the message “LEVEL X-ING WORK” to the right of the poster.*

**Deer Park Station Precinct poster**

Your new Deer Park Station and transport hub features:

* A brand-new train station, accessible from both sides of the rail line
* Two spacious, landscaped forecourts
* A secure bike storage Parkiteer and 26 new bike hoops
* Pick-up and drop-off zones on both sides of the rail line
* A multi-bay bus interchange
* Two modern, elevated platforms with lifts, ramps and stairs
* Pathways, lighting and security cameras throughout the precinct
* A new air-conditioned waiting room
* 150 new and upgraded car parks as part of the Car Parks for Commuters program

*Image – artists impression of an aerial view of the new Deer Park Station precinct in the top half of the poster.*

**How we’ll Build the Rail Bridge poster**

Bridge construction at Mt Derrimut Road

1. Foundation works, known as piling, start by drilling holes up to 9 metres deep.
2. A cylindrical, steel reinforcement cage is inserted into the hole.
3. The hole is filled with concrete to form a pile.
4. The piers, or bridge columns, are built on top of the piles, starting with a steel reinforcement cage.
5. A steel mould is placed around the cage.
6. Concrete is poured into the mould and cured to create the pier.
7. Pre-cast headstocks are delivered to site and installed on top of each pier. Headstocks support the bridge spans and transfers the bridge load to the pier below.
8. The bridge sections, known as U-troughs, are made up of two L-shaped beams installed on top of the headstocks. The two beams are joined with concrete to form a U-shape.
9. Crushed rock ballast and train tracks are laid.

*Image – artists impression showing the 9 steps of the bridge construction process in the top half of the poster.*

**Collaboration with Traditional Owners poster**

The Deer Park Station design was developed in collaboration with the Wurundjeri Woi-wurrung Cultural Heritage Aboriginal Council, the Traditional Owners of the Country.

The station design is based on the ‘layers of Country’, a set of stories told by the Traditional Owners that recognise Bunjil the Great Creator Spirit, who usually takes the form of a wedge-tailed eagle, as the creator of all layers of Country.

The stories tell tales of the landscape between the earth and the sky as separate layers, each with meaning and purpose for the Traditional Owners.

The design, materials and landscaping of the station have been selected to connect meaningfully with each layer of Country.

We acknowledge and pay our respects to the Wurundjeri Woi-wurrung Cultural Heritage Aboriginal Council and thank them for their collaboration on the Deer Park Station and precinct design.

*Image – artists impression of the new Deer Park Station in the top half of the poster.*