

Managing noise and vibration during construction

POINT COOK ROAD AND CENTRAL AVENUE INTERSECTION UPGRADE

BIG BUILD
ROADS



We're upgrading the Point Cook Road and Central Avenue intersection to reduce travel times, improve safety, and create better walking paths and connections.

In an average day, more than 28,000 vehicles use the Point Cook Road and Central Avenue intersection. Once the upgrade is complete, the new intersection will:

- improve traffic flow on Point Cook Road, Central Avenue and for vehicles coming off the Princes Freeway
- make it easier to reach local businesses and Aircraft train station
- reduce congestion and delays for drivers heading from the Princes Freeway to Point Cook Road and Central Avenue
- create safer and more convenient walking and cycling connections at the intersection.

The upgrade will:



Cater for the growing population and increased vehicle movement



Reduce travel times and improve travel time reliability



Increase the safety and capacity of the intersection



Improve pedestrian safety



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Our work can be noisy and disruptive at times.
We manage noise and vibration to reduce how construction affects you and the environment.

Managing Noise

If you live close to our work, you may notice more noise at times.

Construction noise depends on the type of work we're doing. You may hear heavy machinery, such as excavators, trucks, generators or power tools.

Before we start, we complete noise and vibration predictions to determine the level of impact to nearby homes and businesses. This allows us to plan our works in a way that minimises disruptions to residents and businesses.

We also measure noise levels before construction begins. We use this as a baseline to compare noise during construction and to help us fix any excessive noise.

Managing vibration

If you live or work near one of our construction sites, you may feel some vibration in your home or business. Vibration that you feel is usually well below the levels that may cause changes in the condition of your property.

We use construction methods that reduce ground vibration. If you feel vibration and want to talk to us, call **1800 105 105** while it's happening.

We'll provide you with more information about the works we're doing and determine whether we can make some changes to minimise your discomfort.

We conduct assessment of vibration-producing equipment before works start to determine whether vibration levels are likely to exceed the relevant criteria to nearby residential and commercial buildings.

We monitor vibration during our work to make sure we stay under safe limits and stop well before there's any risk of structural damage.

Managing impacts from noise and vibration

We work to minimise noise and vibration by:

- scheduling noisy activities during daytime working hours, whenever possible
- providing residents and businesses with advance notice about out of hours work
- reviewing how we build to reduce noise and vibration as much as possible
- monitoring noise and vibration and adding extra controls when needed
- storing construction equipment away from homes and businesses
- fitting machinery with engine noise reduction equipment
- adding acoustic enclosures around the construction site and equipment, where appropriate
- turning off equipment when not in use
- training our team in noise-reducing behaviours.

Working hours

We work from 7am to 6pm, Monday to Friday, and from 7am to 1pm on some Saturdays.

At times, we'll also need to work out of hours – both at night and on weekends. Where these works are expected to be noisy or affect access, we'll advise impacted residents and businesses.

Property condition surveys

Before starting major construction, we engaged qualified independent specialists to conduct a cost-free property condition survey for homes and businesses near our works.

While our construction methods are designed to minimise impacts on nearby properties, we offer this service so property owners have a record of the condition of their property before works start in the unlikely event of any accidental property damage.

Property condition surveys have been used in Victoria for many years. They record the condition of a property either prior to construction commencing or at a subsequent point in time. It provides a reference should you believe your property has experienced any adverse effects from construction works.

If you have received a letter regarding a property condition survey, please contact us to organise the inspection. If you're not the owner, please pass the letter to your property owner or manager. If you haven't received a letter and think you're eligible, please phone us on **1800 105 105** or contact us via roadprojects.vic.gov.au/contact

