

## 2 Managing the effects of construction

We will be good neighbours and mitigate the impact of construction activities on people and the environment.

### Managing noise and dust

We've used expert noise modelling to guide our design and noise mitigation plans, following the road traffic noise standards and building on lessons learnt from past projects.

We'll take the following steps to limit these effects on people and their homes:

- Water spraying on site and on access roads to manage dust from earthworks
- Wheel wash and cover sheets over trucks
- Stabilising exposed areas, including through rolling, mulch and planting
- Careful management of equipment and working areas, and construction traffic activity
- Monitoring noise, especially during night works
- Considerate construction equipment choices
- Managing hours of work, including daily start up and close down procedures
- Maintaining communication with nearby property owners to ensure 'no surprises' and identify potential issues at an early stage.

### Vibration control

Construction vibration will be reduced as much as possible. However, some activities will still cause noticeable vibrations. Piling works will create elevated levels at times.

Vibration monitors will be used to measure the effects on properties near the work sites. The monitors will enable us to monitor and manage vibration levels.

We've reached out to at-risk property owners and done pre-condition checks to help identify any damage that may occur from construction. If vibrations cause damage to a home, we'll help remediate it.



### Maintaining community connections and safety

Road works have the potential to cause some disruption. Traffic management plans help us minimise this disruption and reduce delays.

Traffic management is important to keep the workers and travelling public safe during construction. Road users will experience temporary changes to the expressway and local roads. We are still working through details - the aim is to minimise temporary traffic changes to the expressway and local roads to avoid confusion and frustration.

We've established site facilities at various locations, ensuring work vehicles can enter and exit the expressway without impacting the flow of traffic.

Whenever possible, we aim to avoid using residential areas for site access. We also schedule work outside peak traffic hours to reduce the impact on daily commutes and school runs. Ensuring pedestrian access will be a priority. We'll provide clear signage and safe walking paths around the construction area.

We may work six days a week, including Saturdays. While we strive to reduce delays to your journeys, it may not always be possible. We appreciate your patience and understanding during this period.