

Managing works impacts

The METRONET Victoria Park-Canning Level Crossing Removal Project is designed to improve public transport safety, reduce traffic congestion and create new and versatile public spaces for the community to enjoy.

A team of engineering, design, construction and environmental experts are responsible for working on the development and delivery of the project.

A range of geotechnical investigations and assessments have been undertaken during the project planning and enabling works to understand potential impacts that may be experienced by people living and working near the works site.

While every effort will be made to reduce the impact of works as much as possible, there will be some disruption to the local community as the elevated rail and new stations are built.

Works will include:

- removal of the existing rail line, level crossings and stations
- earthworks and compacting
- relocation of services and utilities
- preparation of access roads and crane pads
- piling to create foundations for the elevated rail
- construction of the new rail viaduct, stations and public space.

Impacts may include:

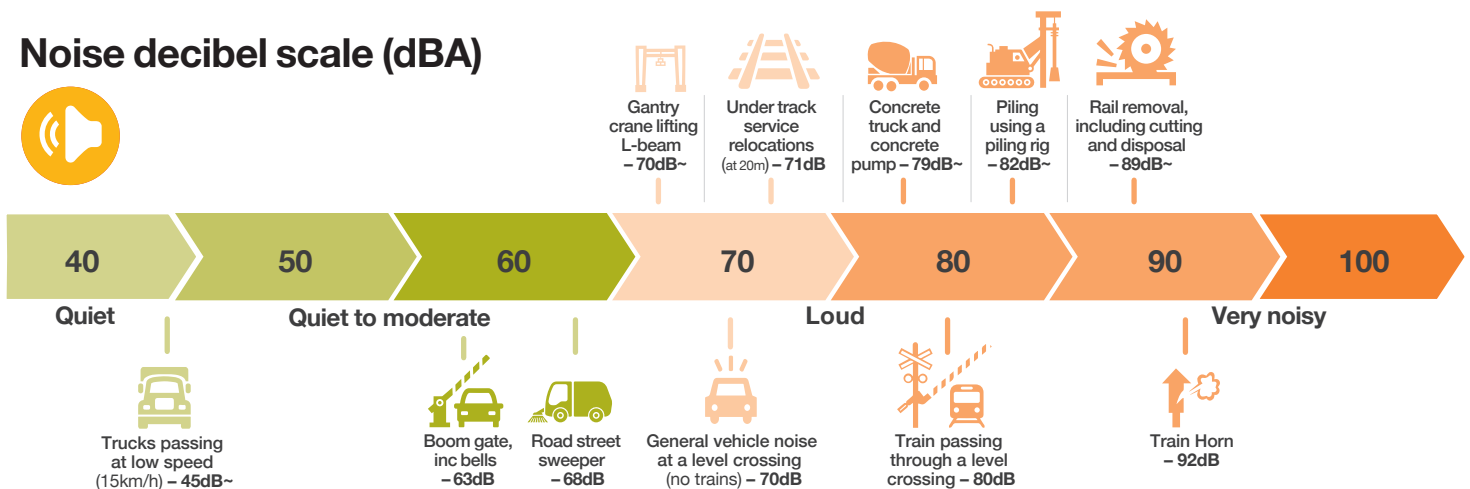
- increased noise, dust and vibrations
- increased heavy vehicle movements
- road detours or temporary closures
- shared path diversions
- access and parking changes
- bus route changes.

Working hours



Standard working hours for the project are aligned with the Environmental Protection (Noise) Regulations 1997, which are between 7am – 7pm Monday to Saturday. There will be separate requirements for out-of-hours work to be conducted outside of these times, including public holidays. This helps increase safety for the community and workforce, as well as reduce road disruptions. All out-of-hours work requires local government approval and advance notice to impacted residents and businesses prior to works starting.

Noise decibel scale (dBA)



~indicates measurement is based on modelling of the plant we will use onsite.

*Noise modelling is relevant to distance, which is calculated at 10m unless otherwise specified. Several factors may influence noise levels experienced, including weather, time of day, traffic volumes, air traffic and location.

We understand noisy works can be disruptive to your regular daily activities, so a range of control measures will be used to minimise the impact including:

- planning high impact work during standard working hours (7am-7pm Monday – Saturday)
- using vehicles fitted with a low-level reversing croakers/beepers
- ensuring equipment is well-maintained to reduce noise emissions
- providing advanced notification of upcoming works
- using the quietest equipment reasonably available
- reducing the number of vehicle movements through careful planning
- all works will be monitored intermittently.

Vibration



Construction methods vary and can include a range of heavy equipment which will generate ground-borne vibration. At different stages during construction, there is potential for this to have an impact on the comfort of people living or working near our work sites.

Compaction works will be monitored intermittently to understand the vibration levels generated.

People are more sensitive to vibration and can detect low levels of vibration. Where vibration is felt, it is likely to result in doors, windows, glassware and ceramics vibrating. While there are no absolute limits for what is and is not acceptable for people or structures, there are guidelines and standards that contractors must adhere to. These guidelines are designed to prevent damage to residential structures in proximity to the works.

Property pre-condition surveys

Before starting construction, the project appointed McDonald Surveys to offer pre-condition surveys to property owners within 100m of the project area. A pre-condition survey is not compulsory, however it can be used to compare the condition of a property before and after the completion of works.

McDonald Surveys act independently of both METRONET and the contractor undertaking the works. If you live within 100m of the project area and would like to arrange a pre-condition survey for your property, please contact McDonald Surveys on 9353 6140.

Dust



Some construction activities may result in an increase in dust, including station demolition, excavation, site preparation, vehicle movements on unsealed roads and wind erosion on exposed surfaces/stockpiles.

To help minimise the impact of dust, a range of measures are being implemented, including:

- using water trucks and water sprays to suppress dust
- limiting onsite vehicle speeds

- regular review of static dust monitor data along the project area
- postponing dust producing activities during high winds, when appropriate
- regular surveillance and responding to feedback from residents and businesses
- use of polymer coatings on stockpiles and area surfaces that will not be accessed for long periods of time (> 2 months).



Traffic and detours

During construction you may notice changes to some of the roads you are familiar with. This will include temporary lane and road closures and modifications to allow for the safe movement of oversized vehicles and safety of the public and our workforce around work sites. There will be trucks travelling to and from construction sites.

To limit impacts to traffic flow the following measures will be implemented:

- tailored traffic management plans for construction zones, including detours and early warning signals leading up to and around work areas to ensure vehicles, cyclists and pedestrians can move around safely

- limit construction traffic and project vehicles on major roads during peak travel times, where possible
- provide clear and up-to-date information for drivers, cyclists and pedestrians via on-road signage, the project website, letterbox drops and door knocks with affected residents and businesses.

Lighting



During any night works, lights are used to provide safe working conditions. When night works are planned, we will limit any light impacts on residential areas near work zones by positioning lighting to face the work areas and away from residential properties to reduce light spillage.

Works Alerts

- Sign up to project Works Alerts for immediate updates on construction impacts, by email or SMS.
- Receive alerts on traffic management changes and out-of-hours works straight to your mobile or inbox.



Sign up to
Works Alerts

MORE INFORMATION

9326 3666
metronet.wa.gov.au

info@metronet.wa.gov.au
@metronetperth



METRONET