PTP ALLIANCE

MIKE TURTUR BIKEWAY OVERPASS PROJECT

Construction Impacts Fact Sheet

The Australian and South Australian governments have committed $25 million for the design and construction of the Mike Turtur Bikeway Overpass Project.

The Mike Turtur Bikeway Overpass Project involves the construction of a Shared Use Path over the rail corridor at Goodwood to improve connectivity and safety for pedestrians and cyclists.

Construction impacts

During the Mike Turtur Bikeway Overpass Project, the community may experience some construction impacts including noise, vibration, dust, mud, light spill and vegetation.

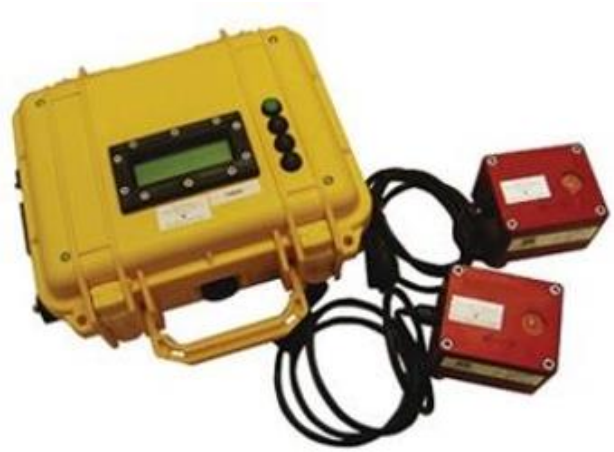
The PTP Alliance takes these impacts seriously and a Construction Environmental Management Plan (CEMP) has been implemented to ensure any impacts are mitigated as much as reasonably practicable. Some of the mitigation measures are summarised below.

Noise and vibration

The PTP Alliance will use a range of measures to mitigate noise and vibration impacts including:

- provision of advance notice of works to nearby stakeholders;
- where possible, scheduling intrusive works during the day or early evening;
- only undertaking night works within the rail corridor as necessary;
- monitoring noise levels prior to, and during construction;
- enclosing stationary equipment (such as generators) to reduce noise;
- regularly testing equipment to ensure it is operating at a high standard; and
- where possible, using small or non-vibratory equipment.

The PTP Alliance will measure vibration levels throughout the project to ensure compliance levels that are set by the Environment Protection Authority are adhered to. It is important to note that experiencing vibrations does not mean that structural damage will occur to properties.



An example of a vibration monitoring device.

Dust and mud residue

Due to the nature of the project, dust generation and mud residue cannot be completely eliminated during construction.

Dust is mostly generated from excavation, stockpiling, loading material into trucks, heavy vehicle movements on unsealed areas and wind erosion. During wet weather, heavy vehicle movements may also result in increased mud.

1300 705 992
mtbo@ptpa.com.au
ptpa.com.au/miketurturoverpass

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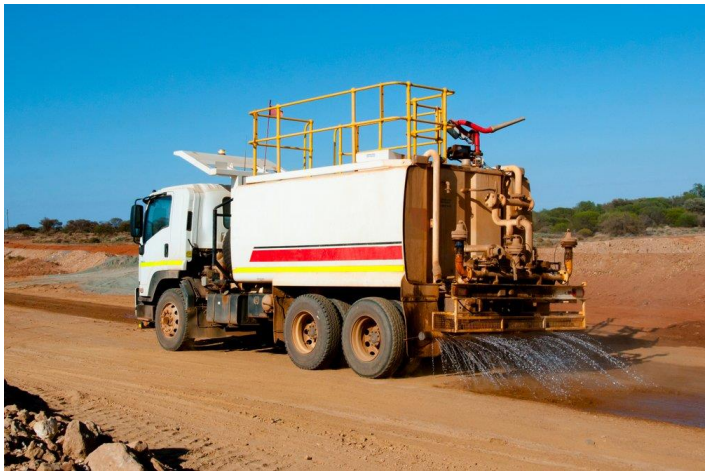
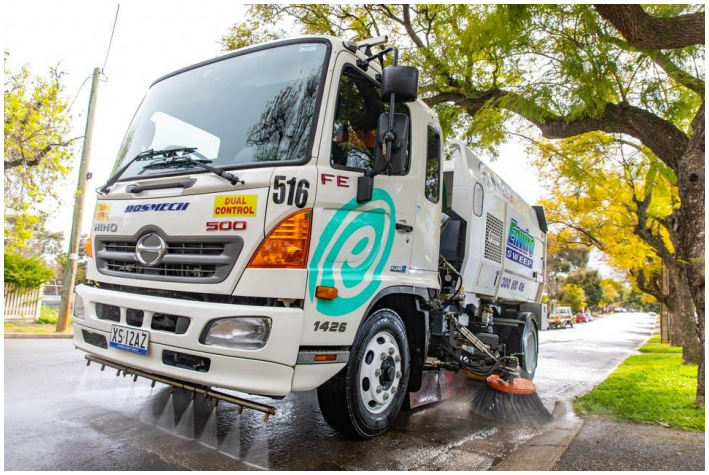
The PTP Alliance will minimise dust and mud impacts by:

- sealing exposed areas as soon as possible;
- watering work areas and stockpiles;
- staging works to minimise exposed areas
- covering stockpiles and transported materials;
- removing materials from site immediately whenever possible or only storing on site for short periods;
- installing rubble and wash down bays at main site entry/exit points to help reduce excess material on tyres; and
- using street sweepers.

The PTP Alliance will use air quality monitors at strategic locations throughout construction to ensure compliance levels are met.



An example of a water cart used to mitigate dust.



An example of a street sweeper used to clean roads.

Light spill

During night works temporary lighting is needed to illuminate an area for the safety of the workers and the community. To minimise spill from light towers, the PTP Alliance will:

- keep the amount of light to the minimum required for safe access and works; and
- where possible, direct light towers away from houses.

Vegetation

Trees near the construction works will have a protection zone set up around them to protect the tree trunks and roots form being impacted by heavy equipment. This zone is a fenced off area so construction equipment cannot enter.

More information

If you have any questions or would like to speak to a member of the project team, please contact the PTP Alliance on 1300 705 992 or email mtbo@ptpa.com.au