

Mitchell Freeway Southbound Widening

Cedric Street to Vincent Street

Fact Sheet – Vibration Management

BMD Constructions, on behalf of Main Roads, is delivering the Mitchell Freeway Southbound Widening project, from Cedric Street and Vincent Street.

Upon completion in late 2019, there will be 7km of additional lane on Mitchell Freeway southbound to improve congestion through the area. Construction is scheduled to commence in November 2018.

Vibration

Over the construction period, residents and businesses located near the works may feel intermittent vibrations from construction activities.

This might include rattling sounds created by door and window screens shaking, or from tightly packed glassware or ceramics with poorly fitted lids.

Humans are sensitive to vibrations and can detect very low vibration levels. When this sensitivity to vibrations is partnered with rattling sounds the experience may be unsettling.

Construction related vibrations typically occur when a new road surface is being prepared or new asphalt is being laid. Compaction of these surfaces is necessary to achieve a quality and durable surface.

Mitigating impacts

A Vibration Management Plan has been developed to regulate and manage vibration impacts. It includes:

- Ongoing monitoring of vibration levels near residential and business structures.
- Adherence to the standards AS2187.2 & AS2670.1-2 for acceptable vibration levels for humans and structures.

An independent company has been commissioned to undertake condition surveys of residential properties within 100 meters of the construction works.

If a resident or business believes damage has occurred to their property, they must first ensure their property is safe and take all necessary steps to limit any further damage. Once their property is secure, they should call the project information line on 138 138.

Further information

If you have any questions about the works, contact Main Roads on 138 138 or email enquires@mainroads.wa.gov.au For more information about the project, visit <http://project.mainroads.wa.gov.au/home>



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