



WestConnex is part of the NSW Government's vision for supporting Sydney's growing population and keeping our economy strong. The M4-M5 Link will connect the extended M4 Motorway at Haberfield with the New M5 in St Peters, easing congestion on Victoria Road and City West Link and improving local connections across the inner west.

Pending project approval, major construction of the M4-M5 Link project would start in 2019 and finish in 2023. While most of the work would take place underground, surface work would take place to build the entry and exits to the tunnel, and tunnel support facilities.

Detailed information about the type of construction work required to build the M4-M5 Link and plans to mitigate any potential impacts of the work will be provided in the Environmental Impact Statement (EIS), which is scheduled to be released in 2017.

Standard hours of work

It is likely that the hours of work adopted for surface works on the M4-M5 Link will reflect standard operating hours for major construction sites as below.

Surface works

- Monday to Friday, 7am to 6pm
- Saturday, 8am to 1pm
- Generally, no work on Sundays or public holidays
- Some surface work may be carried out at night in accordance with conditions of approval and Environment Protection Licence conditions.

Tunnelling work

- 24 hours a day, seven days a week.

Tomorrow's Sydney

In the next 10 years, another million people will call Sydney home. The Australian and NSW governments are building the infrastructure now to support Tomorrow's Sydney. This includes an integrated transport solution of public transport and critical road infrastructure.

WestConnex is one of the flagship projects in delivering Tomorrow's Sydney. It will widen and extend the M4, double the capacity of the M5 and join them together to form a new continuous, free flowing motorway with connections to the future Western Harbour Tunnel and Beaches Link, as well as the airport and port. It will also enable motorists from the west to bypass the CBD on their way to the northern suburbs.

WestConnex will provide relief to the hundreds of thousands of road users struggling in traffic every day, and connect them to their jobs, homes, families, sports and friends.



M4-M5 Link - Construction

Factsheet | 2016

Construction sites

A number of construction sites would be established to build the M4-M5 Link. These would consist of civil sites for work that would take place on the surface, such as road work and tunnel support facilities, and tunnelling sites to construct the M4-M5 Link tunnels. The proposed location of these sites will be identified in the EIS.

Tunnelling work

The tunnels are likely to be constructed in sections, using the 'heading and bench' method.

Road headers would be used to create the tunnel ceiling. The lower portion of the tunnel would then be dug out by drilling into the rock and blasting.

Ground support, rock bolts and tunnel lining would then be installed.

Finally, the new tunnel would receive road pavement, lighting, ventilation and other operating systems.

Depending on local ground conditions, a combination of excavation methods is likely to be used to build the on- and off-ramps.

Excavated material would be brought to the surface, loaded onto trucks and disposed of at approved sites. Where possible, heavy vehicles would not use local roads. Acoustic sheds would house the tunnelling work to protect residents from noise.

Protecting property

It is unlikely that the construction or operation of the new tunnels would cause any damage to local properties.

All properties on the surface within 50 metres from the outer edge of the tunnels would be offered a property condition survey before and after construction.

This would ensure a clear record of property conditions before construction starts.

Any damage attributed to the project would be repaired at no cost to the property owner.

Residents would be notified if they are within 50 metres of the tunnel, and information would be provided to explain the position and depth of the tunnel in relation to their property.

Once the M4-M5 Link is operational, residents above the tunnels are unlikely to be able to hear or feel any vibration from vehicles using the motorway.

Minimising noise

During construction of the M4-M5 Link, WestConnex would continue to monitor noise and work directly with affected residents to mitigate noise wherever feasible.

To reduce the potential for an increase in noise, WestConnex would, where appropriate:

- Provide noise barriers and acoustic sheds to house tunnelling activity
- Undertake noisy work during core work hours, where possible
- Ensure all equipment is shut down when not in use and non-tonal reversing beepers used on vehicles
- Ensure there are periods where construction work is not scheduled to give residents respite from the work.

Keeping you informed

We are committed to keeping you informed and will provide regular information on the M4-M5 Link through direct mail and email notifications, community updates, local papers and face-to-face activities.

You can also contact the WestConnex info line on **1800 660 248**, email: info@westconnex.com.au or visit westconnex.com.au/m4-m5link for more information.



We speak your language

To learn more simply visit westconnex.com.au/yourlanguage. Need an interpreter? Call the Translating and Interpreting Service on **131 450**