

Rozelle Interchange

WestConnex

Noise factsheet | 2019

The Rozelle Interchange is the final stage of WestConnex providing an underground connection to the New M4 and New M5 tunnels, and a bypass of Victoria Road between Iron Cove and the ANZAC Bridge. The Rozelle Interchange will also connect to the future Western Harbour Tunnel.



Rozelle Rail Yards

Managing construction noise

We know construction work can be noisy and aggravating. In this fact sheet we'll cover the types of above ground noise we're making, when we can make noise and how we minimise the impact on you.

What is noise?

The human ear detects fluctuations in air pressure (sound) over a considerable range of intensity and frequency. When sound is loud, unpleasant or causes disturbance,

it's considered as noise. The main effects of noise are irritation and aggravation, and in some instances, fatigue if noise disturbs your sleep.

How we're managing noise

Our Infrastructure Approvals require us to manage noise as best as possible and to develop a Construction Noise and Vibration Impact Statement (CNVIS). Our CNVIS measures the potential impacts of our work and provides solutions to reduce these impacts.

Working Hours

7am to 6pm Monday to Friday and 8am to 6pm on Saturdays. We can also work outside of these hours if noise from this work is not predicted to be intrusive.

For more information

Drop in to the Community Information Centre

Open 9am to 5pm

Monday to Friday

(excluding public holidays)

68-72 Lilyfield Road,
Rozelle, NSW 2039

1800 660 248

info@rozelleinterchange.com.au

westconnex.com.au

**We speak
your language**



Visit westconnex.com.au

Need an interpreter?

Call the Translating and

Interpreting Service on **131 450**.



Australian Government

BUILDING OUR FUTURE

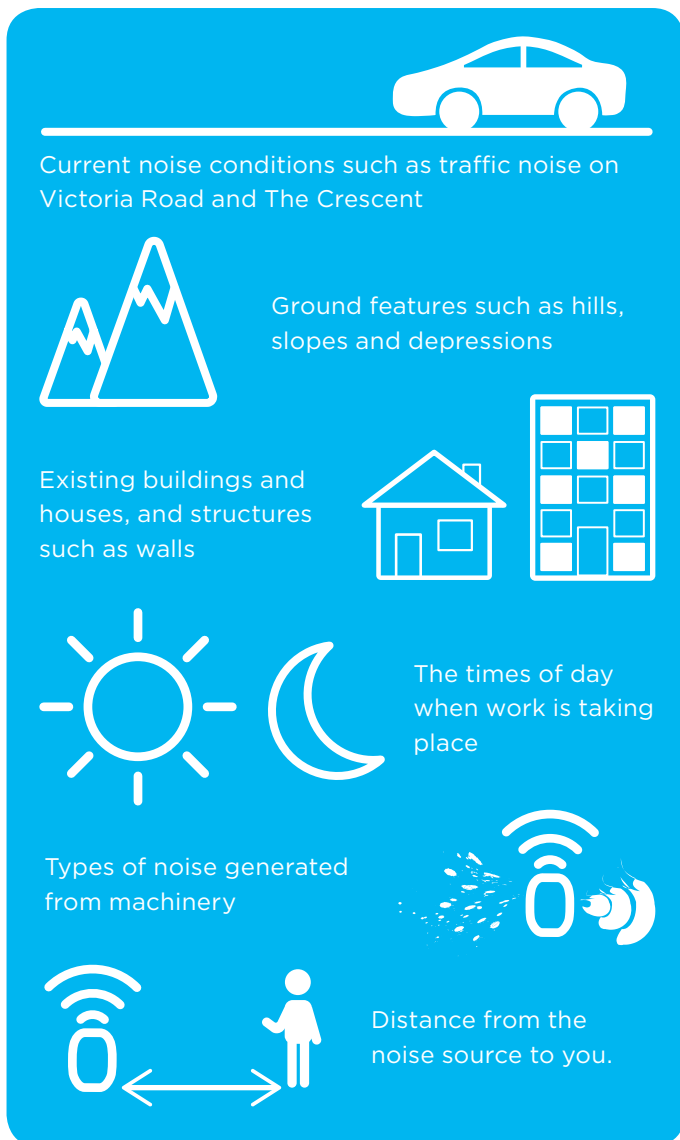


Constructed by

**JOHN
HOLLAND**



To predict the potential noise levels from our work the CNVIS considers the following:



From this we create a series of predicted noise levels and mitigation measures for each activity. We measure the actual noise we generate against these predictions. Our predicted noise levels are very conservative which means we predict noise levels at the property boundary and don't take into account existing noise buffers such as walls and glazing on windows.

Our work is mostly the same as or less than the noise predicted. If our work makes more noise we make changes to the way we are working, or our mitigation measures, or both.

Types of construction noise

To build the various aspects of the project above ground we need to use machinery and equipment that will create noise.

This table outlines some of our activities and the machinery and equipment used.

Activity	Construction equipment we use
Geotechnical investigations (investigating the ground conditions to inform tunnel design and construction methods)	Drilling rig and light vehicles
Utilities investigation (confirming locations of existing underground utilities)	Vacuum truck, light vehicles, hand tools
Clearing trees and vegetation	Chainsaw, excavator, truck, elevated work platform
Demolishing buildings	Excavator with hammer, excavator, hand tools, trucks
Earthwork to clear and level the site areas including crushing rock	Excavator, roller, trucks, water cart, grader, bulldozer, crusher
Piling (drilling into the ground to create concrete foundations)	Piling rig (auger), crane, concrete truck, excavator, trucks, hand tools
Removing existing roads and medians	Milling machine, trucks, excavator with hammer, road saw
Construction of buildings	Excavator, truck, compactor, concrete truck, mobile cranes

What we're doing to reduce noise

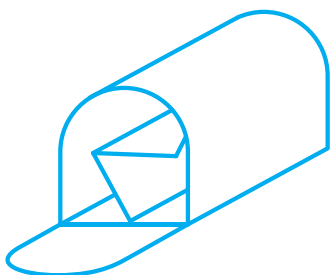
These are some of the things we're doing to reduce the noise you hear:

- restricting high noise day time activities to 8am to 6pm Monday to Friday and 8am to 1pm Saturdays with one hour of no work after every 3 hours of high impact noise work
- limiting the duration of high impact noise work as much as possible
- stopping high impact night work by midnight where possible
- limiting the use of multiple equipment at the same time and location
- using non-tonal reversing alarms on all equipment
- installing temporary noise mats around equipment if possible
- turning off equipment when not in use
- using two-way radios to avoid shouting
- training staff to be noise conscious



We notify you via the letterboxed notification for each month and the weekly email updates about our day and night work. We also let you know which nights in the month we are working so you can be prepared.

Noise insulation may be offered to you if you will be frequently exposed to construction work. If this applies to your property you will receive a letter from us advising you of next steps.



When we can do noisy work

Our Environmental Protection Licence (EPL) and Construction Noise and Vibration Management Plan set up rules which the Project must keep. These are online and can be easily searched.

Our approved working hours are **7am to 6pm Monday to Friday** and **8am to 6pm on Saturdays**.

We can also work outside of these hours if noise from this work is not predicted to be intrusive.



The EPL also permits us to do noisy work at night in a given area for a maximum of 3 nights a week (no more than 2 consecutive nights) and 10 nights every 28 days. We will notify you of these nights in the monthly construction notifications and the weekly email update.

On busy roads we are not permitted to close lanes during the day which means we need to do high noise work throughout the whole night. On these nights we do as much of the noisier work before midnight when we can.

Generally night work takes place between **8pm and 5am**.



Who monitors the noise levels?

Throughout construction we regularly monitor noise from our work at different times of the day and night to ensure noise is within our predicted noise levels. This monitoring lets us know if we need to change our construction methods, adjust our mitigation measures or adjust our predictions.

Our monitoring and any adjustments are reviewed and audited by the site environmental staff and can be requested by the Environment Protection Authority and the Department of Planning, Industry and the Environment. The independent Acoustic Advisor can also review predictions at any time.



How you can make a complaint about noise

If you need to make a complaint about noise from our work please email us at info@rozelleinterchange.com.au or call us on 1800 660 248.

Learn more

Learn more about construction and noise in the Interim Construction Noise Guideline. This has been developed by a number of government agencies and provides comprehensive information about noise: <https://www.environment.nsw.gov.au/resources/noise/O9265cng.pdf>

Getting in contact

✉ info@rozelleinterchange.com.au

☎ 1800 660 248

📍 68-72 Lilyfield Road Rozelle 2039

💻 westconnex.com.au/projects/m4-m5-link-rozelleinterchange



We speak your language

English

Learn more by visiting

www.westconnex.com.au/yourlanguage

to watch project videos in your language and read more about WestConnex. If you need an interpreter, call the Translating and Interpreting Service on **131 450**.

Arabic

اعرف المزيد بزيارة الموقع
www.westconnex.com.au/yourlanguage
وذلك لمشاهدة الفيديو الخاصة بالمشروع باللغة العربية
وقراءة المزيد عن وست كونكس. إذا كنت في حاجة إلى
مترجم، اتصل بخدمة الترجمة الخطية والشفوية على الرقم
.131 450

Chinese

了解詳情請上網

www.westconnex.com.au/yourlanguage 觀看(普通話)
視頻，並查閱有關WestConnex的更多訊息。如需要傳譯員請
。撥電話傳譯服務 **131 450**

Hindi

इस वेबसाइट पर अधिक जानकारी पाएँ:

www.westconnex.com.au/yourlanguage व (हिन्दी) में इस
परियोजना के बारे में वीडियो देखें और वेस्टकॉनेक्स के बारे में
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दुभाषिया सेवा को **131 450** पर फ़ोन करें।

Greek

Μάθετε περισσότερα επισκεπτόμενοι το
www.westconnex.com.au/yourlanguage για να δείτε τα
βίντεο του έργου στα ελληνικά και να διαβάσετε περισσότερα
για το WestConnex. Εάν χρειάζεστε διερμηνέα, καλέστε την
Υπηρεσία Μετάφρασης και Διερμηνείας στο **131 450**.

Italian

Per saperne di più visiti il sito

www.westconnex.com.au/yourlanguage, dove potrai
guardare i video del progetto in lingua italiana e trovare maggiori
informazioni su WestConnex. Se ha bisogno di un interprete,
contatti il Servizio di Traduzione ed Interpretariato (Translating
and Interpreting Service) al numero **131 450**.

Korean

www.westconnex.com.au/yourlanguage 를 방문하여 한국어로
된 프로젝트 비디오를 보고 WestConnex 에 관해 읽고 배우세요.
통역이 필요하시면 번역 및 통역 서비스 **131 450 (TIS)** 으로 전화
하십시오.

Vietnamese

Hãy tìm hiểu thêm và viếng trang mạng

www.westconnex.com.au/yourlanguage để xem phim ảnh
bằng Việt ngữ về công trình này và đọc thêm về WestConnex.
Nếu quý vị cần thông ngôn viên, xin vui lòng gọi Dịch Vụ Thông
Ngôn Phiên Dịch số **131 450**.