

Permanent Way Institution NSW

Technical Meeting



Thursday 11th April 2019 at 5.00pm

The Castlereagh Boutique Hotel, 169 Castlereagh Street, Sydney



Northwest Rapid Transit (NRT) is designing and delivering Sydney's new generation rapid transit trains; building new stations and car parks; and installing tracks, signalling, mechanical and electrical systems. NRT is also upgrading and converting the railway between Epping to Chatswood to metro standards. NRT combines the experience of the world's number one commercial mass transit operator MTR with Australia's most experienced railway contractors; CPB Contractors and John Holland.

The April PWI technical meeting is proudly sponsored by **Northwest Rapid Transit**

In a combined presentation, members of the Northwest Rapid Transit team will present the innovations, challenges and successes of the two signature elements: Abdul Jamal and Simon Tibbett will focus on the twin 15 km tunnels, and Oliver Kundigraber and Jarod Wakefield will present on the 4 km viaduct and trackform.

Northwest Rapid Transit - innovations for the 'World's Best Metro'

As we move into the exciting new world of Metro systems, the Permanent Way community is experiencing a resurgence, which is not only made up of rail experts who bring with them decades of knowledge and various experience, but also colleagues who are new to the rail industry and bring with them non-traditional skills that are contributing to the successful completion of projects.

The NRT viaduct and tunnel presentations will showcase some of the great work and new knowledge that has come out of Australia's first automated railway system, highlighting the benefits of the viaduct, trackform and tunnel design and how the challenges overcome will lead to ongoing benefits within the rail industry.



The Sydney Metro Northwest project will be the world's best Metro system when it opens to customers in May 2019 and the philosophy of 'Customer is at the Centre' was a value the project focussed on throughout the design delivery and construction stages. The design of Permanent Way has led to a successful project outcome due to the innovations in trackform and tunnel design and construction, delivery of the required train frequency, quality of service and the minimisation of disruption to customers and residents within close proximity to the project.

The meeting will conclude at 6.30pm, please join us for networking drinks and finger food following the meeting