

Permanent Way Institution NSW

Keeping Track



PWI NSW Newsletter
February 2020

RAIL BETTER BY A COUNTRY MILE



2019 PWI Annual Convention – Rail: Better by a Country Mile

For the first time, we took the PWI Annual Convention to the country, held in Bathurst across two days (31 October to 1 November 2019). The response from PWI members and sponsors to having the Annual Convention in Bathurst was overwhelmingly positive, and everyone appreciated shining the spotlight on the history, people, challenges and successes of rail in the country.

The convention began on Thursday morning with a special PWI train departing from Sydney Terminal, winding its way over the Blue Mountains and on to Bathurst, with Howard Collins (Chief Executive Sydney Trains) serving as tour guide. Arriving at Bathurst station in the afternoon, delegates were taken to the voestalpine VAE Rail Fabrication Centre where the staff were delighted to show



In this issue...

- I 2019 Annual Convention wrap up
- I 2019 PWI award winners



off their great work, guiding their guests through the process of rail welding, crossing and turnout machining, fabrication and assembly and glued insulated joint production.

It was clear that the team were extremely passionate about their work. The factory tour was followed by a pre-convention networking event, hosted by voestalpine VAE. A big thank you must to voestalpine VAE for not only hosting the PWI delegates for a factory tour and networking event, but also for shutting the factory early to prepare the workshop for our visit – it was pristine!

2020 PWI Annual Convention



On Friday, the day's proceedings were opened by the Hon. Paul Toole, Minister for Regional Transport and Roads, and State Member for Bathurst. Paul spoke about the long-running importance of rail to Bathurst and to regional NSW in general – it has helped the community remain connected to the rest of the state and has been instrumental in the success of the town. He spoke about the revitalisation of rail in the country with the second Bathurst Bullet service and the New Regional Fleet, with the maintenance and stabling facility being built out at Dubbo.

The Minister also accepted a donation from the PWI NSW on behalf of the Daffodil Cottage in Bathurst from proceeds of the special PWI train ticket sales.



The first paper of the day was presented by Frank Johnson, long time figure in the rail industry and Chair of Engineering Heritage Sydney, Engineers Australia, Sydney Division. Frank's paper, 1855 and all that – 164 years of the NSW rail network provided a reflection on how the NSW country railway network developed, what drove this development, what it achieved, and some of the ups and downs throughout the years. Frank charted the rapid expansion of the network, including inter-colonial lines, branch lines through the wheat belt, and pioneer lines, through to the decline of the country network from the early 1980's and the current management of the network.



2020 PWI Annual Convention



David Mackney, Manager of Maintenance Delivery at John Holland Country Regional Network (CRN) provided an outline of the CRN and John Holland's operations and maintenance of the network. He highlighted some of the unique challenges to maintaining and operating such a vast network; budgets are constrained, many lines are seasonal or low use, assets are ageing, non-operational corridors still need to be inspected, and the daily commute for the workforce can literally be a day. The CRN, however, is being upgraded to accommodate 'bigger, faster and heavier' trains, such as the upgrade works through the Fixing Country Rail program proposed for the Junee to Griffith line.

The second session started with Jim Modrouvanos, A/Executive Director Freight Industry, Transport for NSW, spoke of the growing freight task in NSW and the importance of rail in accommodating that growth. Freight rail is making a resurgence with programs like Inland Rail, the Parkes and Wagga Wagga Special Activation Precincts and Fixing Country Rail projects all adding to increases in rail productivity through provision of new loops, new corridors, track capacity upgrades and new sidings.



Graham Nelmes, A/Director Strategic Rail Transport and Melissa Jovic, Associate Director, Corridor Development from Transport for NSW, continued the theme of improving rail productivity

2020 Annual Convention



for regional NSW. Graham presented the Fast Rail vision for NSW that will increase connectivity to regional areas through fast and efficient rail services to draw in more investment, generate job opportunities and attract skilled workers. Melissa outlined the methodology that the project using to develop these corridors and highlighted some of the challenges that are being met, including extreme topography, significant water crossings, environmental constraints such as National Parks, and the major infrastructure required.

New for 2019, our panel session included the team leads, managers and supervisors from the Alan Barham Maintenance Team awards. Chaired by Kirsty McGeachie from Sydney Trains, the session

explored some of the challenges of maintaining track in regional NSW and in the Sydney metropolitan area, the processes used attracting, training and developing a high performing team, and some of the most significant achievements these teams had. This was a great session to show a side of the rail industry that is not often explored, and to explore the passion and dedication of our maintenance teams.



Alan Swaby, Head of Business Development from voestpine Signalling Fareham Ltd then presented a very innovative paper on 'Transforming switch maintenance to a predict and prevent system. Alan was involved in implementing a switch condition monitoring concept trial for ARTC to transition from

2020 Annual Convention



reactive maintenance to predictive and reliability-centred maintenance. The final paper of the day was not directly rail-related, but of great importance to the future of how regional communities get around. Simon Berry, NSW Business Leader of Highways at Amey presented on the Dubbo driverless vehicle trial, aimed at addressing the transport need in regional NSW but also reliant on efficient long-distance transport modes like regional rail services. Simon highlighted some of the technical details of the trial and the vehicles, the regional specific requirements such as using traditional powertrains, a production platform and a vehicle designed for environments similar to regional Australia. The expected results of the trial will be to develop a viable, scalable and valuable solution for regional



Australia, contribute to the body of knowledge and experience of automated vehicles within NSW, and generate uptake, excitement and acceptance of automated technology by the citizens and tourists of Dubbo.

The day was capped off with a networking event sponsored by voestalpine VAE where delegates could catch up with old friends and make new ones.

Thank you to all of our corporate and enhanced corporate members, particularly our platinum corporate members CPB Contractors, John Holland, Laing O'Rourke and Lendlease, for their continued support and helping the PWI NSW make this one of the best-value conferences around.

2020 Annual Convention



Thank you also to our presenters and session chairs for making the day such a great success – the outstanding response to our first country convention means that it won't be the last!



Throughout the day, we continued the tradition of recognising outstanding performers in the rail industry, and the 2019 PWI NSW award winners are listed overleaf.



Planning is underway for the 2020 PWI Annual Convention, so keep an eye out for the call for papers. It will be based in Sydney this year so we expect a bumper turnout!

2019 Annual Convention Award Winners

Young Achiever Award

Winner

To recognise the outstanding achievements of our young rail professionals.

Jarod Wakefield - John Holland Group

Highly Commended

Thy Pham - CPB Contractors



Welders Award

To recognise the outstanding efforts of field workers in the area of rail welding

Will Stapley - MP Rail



Alan Barham Maintenance Award

Resilience Award

To recognise the efforts of maintenance teams in routine maintenance, safety, reliability and the condition of the railway

Sydney Trains - City East Track Team



Alan Barham Maintenance Award

Winner

To recognise the efforts of maintenance teams in routine maintenance, safety, reliability and the condition of the railway

ARTC Taree and Dungog Provisioning Centres



2019 Annual Convention Award Winners

Steve Maxwell Platelaying Award

Minor Category

To recognise excellence in rail trackwork construction and renewal works for projects less than \$3 million

**Cockle Creek Bridge Transoms,
Reconditioning and Rerailing
Sydney Trains and John Holland Group**



Steve Maxwell Platelaying Award

Major Category

To recognise excellence in rail trackwork construction and renewal works for projects greater than \$3 million

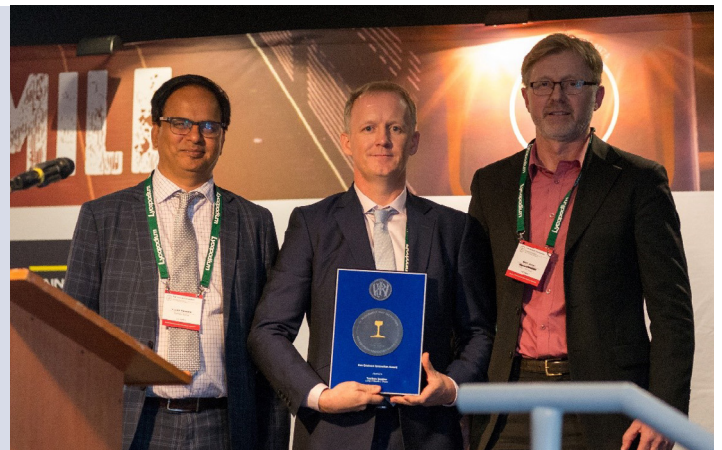
**Newcastle Light Rail - Track Slab Works
Rhomborg Rail Australia**



Ken Erickson Innovation Award

To recognise significant innovations in the rail industry

**Toolbox Spotter
Presien / Laing O'Rourke**



2020 PWI NSW events

JANUARY

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NOVEMBER

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DECEMBER

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- PWI Annual Convention (Nov 6 - to be confirmed)
- PWI Committee Meetings
- PWI Technical Meetings (13 Aug AGM)
- ARA Awards Dinner (Melbourne)
- Core (Perth)

- North Country Technical Meeting
- Country Meeting Hunter
- Country Meeting Western
- Joint IRSE Meeting
- AusRail Plus Sydney

- PWI Winter Dinner
- PWI Golf Day
- NSW School Holidays
- NSW Public Holidays



The 2020 PWI Rail Industry Golf Day is rapidly filling up; this is a call to all PWI members who want to play or put in a team (3 players) in the golf day to get your names in as soon as possible.

- sponsor a hole or get a team together!

The Golf Day, an institution on the PWI calendar is always popular and a wonderful day out.

Industry sponsors are putting up some great prizes, so get your team together today!

Contact Wade Perram at wade.perram@turnbullengineering.com.au to book your spot.

WINTER DINNER

FRIDAY 19 June 2020

**Save the date for the NSW Permanent Way
Institution Winter Dinner!**

**Join 300 colleagues and friends for fine food, drinks,
networking and premier entertainment at Doltone
House Hyde Park.**

**Sponsorship still available - contact
info@pwinsw.org.au or 0425 262 356**



Each year PWI seeks corporate sponsorship of our Winter Dinner (June). Members and their partners are encouraged to attend with numbers of approximately 150 on the night. Sponsorship includes:

- One corporate table (representatives, guests, clients)
- Advertised sponsor on all invitations to members
- Advertised sponsor on Table Menu Cards and Wine Lists
- Acknowledgement in the April and June newsletters and May Technical Meeting
- 5-10 minute presentation (i.e. video, promotional, speech etc.)
- Wrap up including advertising in the August newsletter

PWI will organise all event details, with your inclusion, prior to any advertising material going to the wider PWI membership. Entertainment is provided for this event.

For queries regarding sponsorship of the PWI NSW Winter Dinner, please contact Natalie-Eve Gambell at info@pwinsw.org.au

Permanent Way Institution NSW

Executive Breakfast



Date: Wednesday 25th March 2020
Time: Arrival at 7.00am for a 7.30am start
Location: Strangers' Room, NSW Parliament House
6 Macquarie Street, Sydney
(please note that entry will require a security check)

Joint keynote guest speakers

Howard Collins OBE, Chief Executive, Sydney Trains

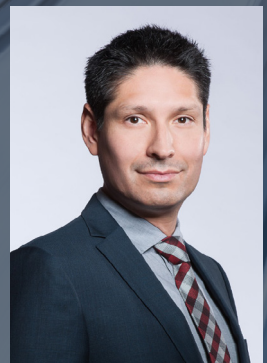
Alexander Wendler, Acting Chief Development Officer, Transport for NSW



Come and hear our joint keynotes provide you with an insight into the changes occurring within the NSW rail and transport industry.

Your ticket includes:

- Tea and coffee on arrival
- A seated hot breakfast
- Open Q&A session with our keynote speakers
- Opportunity to network with senior and executive level industry colleagues



Tickets: \$120 (excl. GST) per person
(corporate members and invited guests)

Book: info@pwinsw.org.au

PWI Annual Convention Awards Are Open

— PERMANENT WAY INSTITUTION NSW —

YOUNG ACHIEVER AWARD



Are you a **young rail specialist in the rail infrastructure industry** with a project, innovation or paper to show off?

Get recognised for your achievement at the **Australasian Rail Industry Awards**, to be held on 2 July 2020 in Melbourne, with a chance to win **\$10,000** to go towards the cost of attending an international rail conference!

Nominations close on **Friday 17 April 2020**, so get your application in today!

Entry details can be found at:
pwinsw.org.au/awards or
railindustryawards.com.au

For more information, contact Julian Sharp at
julian.sharp@cpbcon.com.au or 0437 638 398



Permanent Way Institution NSW (PWI NSW) — pwinsw.org.au
Australasian Railway Association (ARA) — ara.net.au

PWI Annual Convention Awards Are Open

PWI NSW has five annual awards each year for welding, track maintenance, young achievers, innovation and platelaying (track/turnout installation).

Presentation and recognition of permanent way achievement in the past 12 months not only acknowledges efforts, it is also an opportunity to advertise your achievements amongst industry peers and prospective clients.

PWI NSW Awards Nominations

To nominate you must be a financial PWI NSW member or have at least one financial PWI NSW member in your team.

We want our managers and leaders for all our member organisations to encourage both individual and teams to nominate for these prestigious awards in 2018.

These awards are presented during the PWI Annual Convention in October. All Award submissions, except the Young Achiever Award, close at the end of July each year with projects completed in the previous 12 months eligible for entry.

Award categories are:

- **Alan Barham Maintenance Award**
- **Ken Erickson Innovation Award**
- **Steve Maxwell Platelaying Award (Minor and Major categories)**
- **Welders Award**

Submission templates, criteria and other relevant information for each award category can be found on the PWI website: pwinsw.org.au/awards



PWI Sponsors

Welcome to our new Gold Enhanced PWI member, **Quickway**

Having steadily grown from humble beginnings to becoming an industry leader, Quickway is a trusted contractor with a solid reputation for delivering integrated project solutions from concept to completion.



Quickway's unique approach demonstrates their commitment to the community, to safety, and to the environment, whilst delivering project outcomes to satisfy their clients' needs.



Quickway diversified into the rail industry in August 2015, when they were awarded their first rail contract– the Lee Street Level Crossing (Kelso).

Their highly skilled team consists of experienced and accredited tradespersons including welders, track inspectors, correct rail stress adjusting officers, and rail protection officers.

Welcome to our new Silver Enhanced PWI member, **Protech Group**



Welcome to our new Corporate PWI members, **AECOM, LINK Rail and Civil, Loram and Strukton Rail Australia.**

PWI Sponsors

The Permanent Way Institution would like to thank its Enhanced Corporate Members for their continued support.

Platinum Enhanced Members



Gold Enhanced Members



PWI Sponsors

Silver Enhanced Members



1x Silver Membership
available for sponsorship

PWI Sponsors

Corporate Members

The Permanent Way Institution would like to thank its Corporate Members for their continued support.

Acciona Infrastructure Australia

Advisian

AECOM Pty Ltd

Amey

Anric Rail

Arcadis Australia Pacific

Arenco

Aurecon Australia Pty Ltd

Australian Rail Track Corporation Ltd

Beca Pty Ltd

BloorRail Pty Ltd

Brefni Pty Ltd

Cardno

CGC Recruitment

CR Rail

Degnan

Delkor Rail Pty Ltd

Downer

Edilon Sedra Australia

Endeavour Mutual Bank

Gartner Rose Pty Ltd

Geofabrics Australiasia Pty Ltd

GHD Pty Ltd

Gilgandra Shire Council

HKA Global Pty Ltd

InfraSol Group Pty Ltd

Infrastructure Nation Pty Ltd

Jacobs Group (Australia) Pty Ltd

Kellogg Brown & Root

Liftronic Pty Ltd

LINK Rail and Civil

Linmag Australia Pty Ltd

Loram Pty Ltd

Martinus Rail

Meadows Consulting Pty Ltd

Mott McDonald

Multi Civil & Rail Services Pty Ltd

Northern Fencing Specialists

Pidgeon Civil Engineering

Plateway Pty Ltd

ProSquared Infrastructure Consultants

Rail, Tram & Bus Union NSW

Randstad

Rhomberg Rail Australia Pty Ltd

Robson Civil Projects

Rocla Concrete Sleepers

RT Health Fund

SEQR Talent

Strukton Rail Australia

Sydney Trains

Taylor Rail Australia

Thermit Australia Pty Ltd

Thompson Controls

Turnbull Engineering

VizionX (Group) Pty Limited

voestalpine VAE Railway Systems Pty Ltd

Vossloh Cogifer Australia

Benefits of PWI NSW Corporate Sponsorship

Platinum Membership

- Entry to the Convention for up to 10 employees (or clients)
- Large Logo on the Convention banner
- Recognition on the front cover of the yearly Journal
- Company logo on luncheon tables at the Annual Convention
- Company advertising / promotional items provided into Convention registration bags (supplied by Sponsor)
- Opportunity to chair a session at the Annual Convention
- Recognition and logo on back cover of the yearly Journal
- A Platinum membership certificate provided at the AGM
- Recognition as a Platinum Member in the PWI newsletters
- Recognition as Platinum Member on the PWI website
- Three free entrants to the Annual PWI Golf Day if sponsorship is offered
- Double sided A4 colour advertisement in the yearly Journal
- Framed Membership Certificate issued upon joining and updated certificates issued annually

Gold Membership

- Entry to the Convention for up to five employees (or clients)
- Large Logo on the Convention banner
- Company advertising / promotional items provided into Convention registration bags (supplied by Sponsor)
- Recognition and logo on the inside front cover of the yearly Journal
- Separate recognition in the Journal as a Gold Member and supporter of PWI
- A Gold membership certificate will be provided at the AGM for each year you are a Gold Member
- Recognition as a Gold Member in the PWI newsletters
- Recognition as Gold Member on the PWI website
- Two free entrants to the Annual PWI Golf Day if sponsorship is offered
- Double sided A4 colour advertisement in the yearly Journal
- Framed Membership Certificate issued upon joining and updated certificates issued annually

Silver Membership

- Entry to the Convention for up to three employees
- Logo on the Convention banner
- Recognition and logo on inside back cover of the yearly Journal
- A Silver membership certificate will be provided at the AGM for each year you are a Silver Member
- Recognition as a Silver Member in the PWI newsletters
- Recognition as Silver Member on the PWI website.
- One free entrant to the Annual PWI Golf Day if sponsorship is offered
- Double sided A4 colour advertisement in the yearly Journal
- Framed Membership Certificate issued upon joining and updated certificates issued annually

Corporate Membership

- Entry to the convention for one employee
- Single page advertisement in the Journal
- Recognition of membership in Newsletters and the yearly Journal
- Logo displayed on the day of the convention (at random between sessions)
- Opportunity to provide presenters and sponsorship of Technical meetings
- Opportunity to provide additional sponsorship for PWI Golf Day and Winter Dinner events including one free entry for sponsor
- Annual Membership Certificate available for download and printing

Annual Membership

Platinum Corporate (limit of 4)	\$11,300 (incl. GST)
Gold Corporate (limit of 8)	\$5,600 (incl. GST)
Silver Corporate (limit of 16)	\$3,400 (incl. GST)
Corporate	\$1,140 (incl. GST)

Membership correspondence to:

Membership Secretary
Peter Boonstra
Email: membership@pwinsw.org.au
Phone: 0412 424 438