

August 2025 Pavement Technical Forum

DATE

Tuesday
19 August 2025

LOCATION

QLD TMR Office
Floor 6, 313 Adelaide Street
Brisbane, QLD
4000

FORUM OVERVIEW

- > Event Reflections
- > Low Carbon Concrete
- > Concrete Pavements 101
- > Design and Construction
- > Quarry Material
- > Concrete Strength

Simulcast Online

A link will be sent to all registered participants
For online broadcasting

Brisbane (UTC+11)
10:00-15:30

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10.00 am	Welcome and Introduction + Morning Tea on Arrival	Tim Buckingham-Jones <i>Technical Director, Pavements</i> Aurecon
10.05 am	Brisbane Metro, Concrete Pavement Designs, Construction Innovations and Integrated Solutions	Derek Wong <i>Associate / Pavement Lead Queensland</i> ARUP
10.35 am	GCLR Track Slab Design Overview	Daniel Scott <i>Principal Structural Engineer</i> AECOM
11.05 am	GCLR Track Slab Construction Progress	Luke Avery <i>Project Manager</i> John Holland Group
11.35 am	TMR Updates	Peter Bryant <i>Engineering Manager (Pavement Design)</i> QLD TMR
11.45am		Lunch Break
12.25 pm	Austrroads Pavement Taskforce Update	Ross Guppy <i>Transport Infrastructure Program Manager</i> Austrroads
12.45 pm	Coded Radar	Dr. Wayne Muller <i>Principal Engineer & PDM</i> Coded Radar
1.15 pm	Plastic Shrinkage Cracking/Curing/Mix Design Related Items	Peter Carson <i>Director</i> Carson Group
1.45 pm		Afternoon Tea
2.00 pm	Current research initiatives for rigid aircraft pavements	Sean Jamieson <i>Research Coordinator</i> University of the Sunshine Coast
2.30 pm	Concrete Pavement Construction Practices 101	Peter Carson <i>Director</i> Carson Group
3.00 pm	ASCP Wrap-up & Close	Tim Buckingham-Jones <i>Technical Director, Pavements</i> Aurecon

REGISTRATION

Register through the
ASCP web site
Select 'Events' tab –
select this event – click
'Register' button or

[REGISTER HERE](#)

FEES

ASCP Member
Free

Non-Member
AU\$99.00 (inc-GST)

A Tax Invoice will be
issued on payment.

No refunds for
cancellations 2 days
prior to event, but
substitute names will be
accepted

PAYMENT OPTIONS

Credit Card:

On website registration,
select 'PayPal' and use
your MasterCard or
Visa Card.

Direct credit

Pay directly to ASCP St
George Bank Account
BSB: 112 879
Account No: 155 778 722
Please put your name
in the reference field so
we can identify your
payment.

ABOUT THIS FORUM

The day will begin with a Welcome and Introduction from **Tim Buckingham-Jones** (Aurecon), setting the tone for a day of project insights and innovation. Attendees will enjoy morning tea on arrival, before **Derek Wong** (ARUP) takes the stage to explore concrete pavement designs and construction innovation, featuring key learnings from the Brisbane Metro project.

Following this, **Daniel Scott** (AECOM) will provide an overview of the GCLR Track Slab Design, before **Luke Avery** (John Holland Group) shares an update on construction progress for the same project. **Peter Bryant** (QLD TMR) will round out the morning with a departmental update on TMR's latest pavement design initiatives.

After the lunch break, **Ross Guppy** (Austroads) will provide a national update from the Austroads Pavement Taskforce. We'll then hear from **Dr. Wayne Muller** (Code Radar) on advancements in radar technology for pavements, followed by **Peter Carson** (Carson Group), who returns to discuss plastic shrinkage cracking, curing methods, and mix design best practices.

Following afternoon tea, **Sean Jamieson** (University of the Sunshine Coast) will share current research initiatives for rigid aircraft pavements. The final technical session will see **Peter Carson** return to present "Concrete Pavement Construction Practices 101," offering a practical wrap-up before **Tim Buckingham-Jones** closes the day.

CONTINUING PROFESSIONAL DEVELOPMENT

Attendance at this event may be eligible for credit towards Engineers Australia and other organisations' Continuing Professional Development requirements.

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