



# TRENT PEASE

## Senior Structural Engineer

BE, CPEng, NER, RPEQ 23374

### Background

As a young structural engineer, Trent is establishing himself within the North Queensland engineering community. With 7 years of post-graduate experience, Trent has worked across a wide range and scale of sectors and projects. From multi span bridges to small house extensions, Trent brings a varied experience base to STP.

Trent graduated with a degree in Civil Engineering from the James Cook University in 2013. He commenced his engineering career working as a Structural Engineer for NQ Consulting Engineers. He then joined Northern Consulting Engineers through a company merger where he gained experience designing residential, small commercial and portal frame structures as well as carrying out construction inspections and damage causation reports for the insurance industry.

In 2017, Trent joined SMEC where he pivoted from residential structure to the design of infrastructure such as the Reid Park Active Transport Bridge as part of the NQ Stadium precinct and the Bowen Road Bridge rehabilitation project. Trent gained RPEQ status in 2019 and in Mid-2020, joined STP as a Senior Structural Engineer.

### Project Experience

#### Renewable Energy

- Clare Solar Farm Owners Engineer
- Houghton Solar Farm Owners Engineer
- Ross River Solar Farm Owners Engineer

#### Social Housing

- Palm Island Residences Department of Housing and Public Works
- Various Projects
- Wallaby Point Road Lookout, Palm Island
- Elizabeth Street Social Housing Project

#### Infrastructure

- Reid Park Active Transport Bridge detailed design and construction supervision
- John Row Bridge Tier 1 assessment
- Carl Katter Bridge detailed design
- Bowen Road Bridge Rehabilitation Project
- D&C Repairs to Anabranh Bridges
- Gainsborough Greens Bridge Refurbishment
- TNAU Black River Bridge Duplication Concept Design
- NDBC Bridge Upgrade Program
- M2K Culvert Capacity Assessments

#### Industrial

- Lae and Motukea Port Maintenance Workshops (PNG)
- Hogan Street Pre-casting Shed
- Various hot rolled portal frame sheds
- Various cold formed portal frame shed designs for a national shed distributor

#### Residential

- Various new home designs
- Various House lift designs
- Various extensions throughout Queensland

#### Insurance

- Tropical Cyclone Debbie Structural Assessments
- Residential and Commercial Damage causation reports

#### Sporting Facilities

- Percy Pease Grandstand, Tully
- Palm Island Netball Change Rooms