

Emalie Rowan • Project Engineer / Manager



Emalie is a highly competent Project Engineer / Manager with a decade of experience in both private and public sectors. Emalie has solid experience in construction management, site-based roles, project assurance and project controls. She is also familiar with diverse project environments including in urban, retail and residential.

Major Achievements

- Project Engineer / Manager for SunCentral's CBD Development Project including successful installation of Australia's first Automated Waste Collection System (AWCS)
- Delivery of the Jezzine Barracks Redevelopment well under budget
- Overcoming significant geotechnical adversity to successfully install 50m deep non-standard pipe pile foundations of the Ross River Bridge in Townsville.
- Thesis study completed of a V8 Supercar on the wearing surface of asphalt pavements.

Qualifications

- Bachelor Engineering (Civil) Griffith University
- Traffic Management Level 2
- RIIOHS202A Enter and Work in Confined Spaces
- RIIOHS204A Work Safely at Heights
- 22146VIC Certificate IV Safety Leadership (partial completion)
- Blue Card
- Class C Vehicle License

Key Skills

- Contract management
- Project management
- Client management / liaison
- Cost mitigation / controls
- Quality assurance
- Assessment and reporting
- Safety and risk management
- Proficient in MS Office Suite and Adobe
- Experience with JDE, Enabalon, Aconex, MYOB and Job Pack

Contact

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Career Overview

2017 – Present	BDR Projects	Project Engineer / Manager
2013 – 2016	Other pursuits - equestrian	
2010 – 2013	Abigroup Contractors	Project Engineer
2009 – 2010	Yeats Consulting	Under-Grad Engineer
2008	City of Gold Coast	Engineering, Assets and Planning Officer
2007	Abigroup Contractors	Under-Grad Engineer

Professional Record

2017 – Present – BDR Projects *Project Engineer / Manager*

Duties:

- Project management and RFI
- Site inspections including quality management controls
- Variation assessments
- Communication and liaison with client and subcontractors
- Site based project assurance
- End of month reporting and meeting attendance

Notable project included:

- SunCentral Maroochydore Development

2010 – 2013 – Abigroup Contractors (now Lend Lease) Pty Ltd *Project Engineer*

Duties:

- Subcontractor and client management and liaison
- Manage onsite works and resource co-ordination and programming
- Cost mitigation and control including productivity tracking and reporting
- Commercial and Contractual support including management of claims, orders, variations, legal letters, forecast expenditure and profit and business administration
- Responsible for all financial, safety, environment and quality objectives for onsite works
- Project asset management and logistics
- Technical and construction advice
- Consultation with client and business units
- Follow legislative requirements of the contract and apply onsite
- Safety representative and risk manager covering all project performance indicators

Some notable projects included:

- NDRRA – Disaster Recovery and Relief Arrangement: (TCC) \$100m
- Mosquito Creek to Sullivan Swamp – Bruce Hwy: (TMR) \$2.5m
- Jezzine Barracks Redevelopment: (TCC) \$34m
- Townsville Port Access Road: (TMR) \$190m

2009 – 2010 – Yeats Consulting *Consulting Under-Graduate Engineer and Thesis*

Duties:

- Stormwater mitigation assessments and reports
- Design and drafting for small projects
- Pavement designs
- Cost estimations

University Thesis

A study of the effects of a V8 Supercar on the wearing course of a street racing circuit. The scope of the project involved the analysis of V8 Supercars, the existing pavement and their interaction as well as innovative pavement design that may be applied to race courses around Australia.

2008 – 2008 – City of Gold Coast *Engineering, Assets and Planning Officer*

Duties:

- Conduct council asset inspections for maintenance and repair work (major and minor culverts)
- Identifying possible failures of structures within landslip areas
- Justify and report on any further work proposals

2007 – 2007 – Abigroup Contractors
Under-Graduate Engineer

Duties:

- Quality Control and reporting
- Project materials testing co-ordination
- Project asset and maintenance management and documentation

Notable project included:

- Tugun Bypass (PacificLink Alliance) Gold Coast: (TMR) \$543m (2007)