

Position Description



Position Title	Principal Engineer Track Assets
Position No	00065705
Delegation Level	006
Job Designation	Civil Engineer
Organisational Unit	Track & Civil Asset Management SEQ Assets
Work Centre	Brisbane
Position Type	Permanent
Rail Safety Worker	Yes
Medical Fitness Standard	NHS Cat 3 ATTP
Performance Plan Type	Lead Others
Shiftworker	No
Classification (Range)	PT5 .1 - PT5 .4
Pay Scale Type	ASPT
Reports to Position	Track and Civil Asset Manager

QUEENSLAND RAIL VALUES:

- 1 Queensland Rail - We do better together
- Treat others with respect - We appreciate everyone's contributions and differences
- Empower our people - We have confidence in our people
- Act Safely - We work safe, to go home safe
- Make a positive difference - We learn from today, to improve tomorrow

Position Purpose

Provide the Track and Civil Asset Manager with engineering advice on asset planning, condition assessment, design and works prioritisation.

Position Responsibilities

1. Provide professional engineering, planning and condition assessment support and advice to the Track & Civil Infrastructure area of SEQ.
2. Identify and address atypical and poorly defined asset issues for inclusion into the asset management plan.
3. Coordinate the development, implementation, maintenance and review of the long term asset management plans for the track assets.
4. Provide professional civil engineering advice and construction supervision for track related asset renewal and maintenance projects.
5. Conduct engineering and technical investigations and prepare reports on track asset safety, condition and reliability issues.
6. Implement predictive asset condition modelling tools with the Track & Civil Infrastructure team to improve the reliability and life cycle cost of civil track assets.
7. Ensure technical records, condition data and incident data for the track assets are maintained up to date and in an accessible form.

Additional Factors

The appointee will be required to :-

- Comply with Queensland Rail's Code of Conduct;
- Observe all legal and safety obligations of the organisation;
- Operate in an autonomous manner within policy guidelines by exercising initiative and independent judgement with broad direction given by Manager Track & Civil Technical Support and Asset Condition Assessment Leader.
- Be available for duty outside normal working hours unless

Position Description



otherwise arranged. This will include being available for civil engineering inspections and asset renewal works that will be undertaken on weekends during the SCAS track closures.

- Travel interstate and intrastate as required.
- Attend further training as required.
- Undergo annual performance appraisal.

The appointee may be required to:-

- Act in the Team Leader positions when required in the Track & Civil Technical Support Team.

What is the key selection criteria

1. Extensive experience in the design, construction, inspection, maintenance and/or renewal of civil rail infrastructure
2. Extensive interpersonal, communication, negotiation and facilitation skills in multi-disciplinary forums.
3. Extensive skills in strategic thinking in long term civil asset maintenance and renewal.
4. Extensive knowledge of civil asset standards, service levels, failure risks and controls.
5. High level analytical skills including root cause failure analysis and whole of life cost benefit analysis.
6. High level of skill in relationship management including negotiating critical outcomes, problem solving and networking with and influencing key stakeholders.
7. High level of skill in meeting statutory, regulatory and policy obligations.
8. Knowledge of and willingness to commit to and work within Queensland Rail's Values and Behaviours.

Pre-employment Checks:

Not Applicable

Pre-employment Qualifications:

What qualifications do I need to hold prior to applying for the position?:

20300281 Nat Drv Lic C (Qld A < 09.04.96)
20100195 Bach Eng - Civil

Mandatory Qualifications (If not already held, I will gain these when in position)

40007588 Wunya Induction
30000908 Safely Access the Rail Corridor (QNRP)
40001627 Building Emergency Procedures
40010410 Safety Comes First Always Workshop
40009729 Delivering a Pre-Start Briefing Network
40008876 Working in the Electrified Territory
20100204 Prof Eng (Qld) Registered
40008657 NHS Cat 3 ATTP

Enterprise Qualifications (If not already held, I will gain these when in position)

40009601 Code of Conduct Refresher
40013480 Fraud Awareness Induction

Health, Safety and Environment Responsibilities

Comply with the overarching document called Health, Safety and Environment Responsibilities MD-11-6843

Position Description



located in the Safety and Environment Management System.

Personal Protective Equipment needs:

Refer to relevant business instructions.

Safety Publications

QR Electrification Safety Booklet

QR Weekly Notice

Your Health (Newsletter)

C.E.O.'s Safety Statement

C.E.O.'s General Safety Rules

Please Note:

Queensland Rail has a random alcohol and other drug testing program.

Testing can occur anywhere, at any time, on any day.