Position Title	**GIS Analyst**

Position No	00044266
Delegation Level	007
Job Designation	Coordinator
Organisational Unit	Asset Systems
	SEQ Assets
Work Centre	Brisbane
Position Type	Permanent
Rail Safety Worker	No
Medical Fitness Standard	Refer to relevant business instructions.
Performance Plan Type	Team Member - PPR
Shiftworker	No
Classification (Range)	AS5 .1 - AS5 .4
Pay Scale Type	ASPT
Reports to Position	Digital Engineering 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

To maximise productivity for Queensland Rail through efficient and cost
effective management of the updating of Queensland Rail Route Maps and
GIS information into a format which is utilised by field employees in a
timely and accurate manner, and maintain Queensland Rail GIS datasets,
processes and procedures to recognised best practice.

Position Responsibilities

1. Act as custodian of rail and bus route maps responsible for
   optimisation of information, preparation, management and distribution
   of train and bus route maps.
2. Perform GIS tasks to support the business needs of the organisation,
   ensuring data and system integrity, including the production and
   maintenance of data to enable spatial recognition for Asset Lifecycle
   Management.
3. Maintain spatial databases to Database Management Systems (DBMS)
   standards.
4. Investigate and action data change notifications from internal
   stakeholders.
5. Perform general GIS and related administrative duties.
6. Assist the Digital Engineering Manager in the development,
   implementation, integration and ongoing governance of geo-spatial
   systems and their respective design philosophies within an integrated
   framework.
7. Apply a multi-disciplinary approach to the management of spatial
   asset data utilising effective stakeholder engagement techniques
   where required.
8. Actively participate in an environment that encourages employee
   involvement towards a GIS business improvement culture.

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;
- Travel nationally as required;
- Undertake further training as required.

What is the key selection criteria

1. High level of skill in the preparation of railway route maps or diagrams including GIS data inclusion.
2. High level of knowledge of rail operations and a rail infrastructure relating to train driver route competence.
3. High level of skill in the use of geo-spatial systems, including but not limited to: software (e.g. ESRI), geodatabases, imagery, and Meridian.
4. High level of knowledge of GIS data management and processes; including data manipulation, versioning, data interrogation, Linear Reference Patterns and models.
5. Substantial level of Asset Lifecycle Management philosophies and practices within a GIS environment including data relationships and system architecture.
6. Substantial level of conceptual, analytical and problem solving skills, including solutions analysis.
7. Substantial level of planning and organizational skills, along with a high degree of detail orientation.
8. Substantial level of interpersonal communication, consultation and negotiation skills that builds and sustains productive relationships and partnerships with both internal and external stakeholders.
9. Substantial level of skill as a team member who thrives in environments requiring ability to effectively prioritise and manage multiple concurrent tasks.
10. Knowledge of and willingness to commit to and work within Queensland Rail's Values and Behaviors.

Pre-employment Checks:

Not Applicable

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

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

40009601	Code of Conduct Refresher

Health, Safety and Environment Responsibilities

Comply with the overarching document called Health, Safety and Environment Responsibilities MD-11-6843 located in the Safety and Environment Management System.

QueenslandRail

Personal Protective Equipment needs:
Refer to relevant business instructions.

Safety Publications
Refer to relevant business instructions.

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Please Note:
Queensland Rail has a random alcohol and other drug testing program.
Testing can occur anywhere, at any time, on any day.

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