



# Field Asset Engineer

## Position Description – Capital Projects and Development

Team:	Network Readiness	Location:	Auckland
Reports to:	Asset Engineer - Auckland	Job family:	N/A
Role Type:	Secondment/Fixed Term Contract	Salary:	N/A

### About Us

#### KiwiRail’s Role in Aotearoa, New Zealand

KiwiRail delivers sustainable and inclusive growth for our customers, our communities and our people.

For more than 150 years, rail in New Zealand has connected communities, delivered goods and people around the country and showcased our spectacular scenery to the world. Our purpose 'Stronger Connections, Better New Zealand,' speaks to connected people, networks, journeys, experiences, and ways of working that move KiwiRail, the transport sector and New Zealand forward.

#### Our Workplace

At KiwiRail our values define the behaviour we expect from everyone. We have a team of over 4500 people and every connection we make with each other, our union partners, our customers and all our stakeholders must be of the highest standard. *Health, safety and wellbeing is our number one priority. Good safety is good business.*



## About the Role

### Purpose of the role

KiwiRail is in a phase of significant transformation to modernise and strengthen Aotearoa New Zealand's metro rail network. We're enhancing and modernising our network maintenance to support more frequent passenger services, faster journey times, and increased freight capacity.

The Network Readiness team is the spearhead of our interconnected Metros business, delivering best-in-class safety, consistent service performance, and driving innovation to meet stakeholder and customer obligations. As a standalone business unit aligning Auckland and Wellington operating models, we are committed to intelligent, preventative maintenance supported by sustainable funding. Through a transformation plan focused on safety, intelligence, automation, mechanisation, and asset management, we will meet network capacity demands, generate above-rail revenue, consistently achieve Delivery in Full, on Time (DIFOT) targets, and ensure service levels of excellence across the network by 2030.

The Field Asset Engineer – Renewals is responsible for asset management of track. You will create the work bank plans and work orders to support delivery of Asset Management and Business Plan key performance indicators (KPIs). Providing technical advice to the area production teams, you will conduct engineering inspections and site audits to ensure the asset condition meets code requirements, and that the Maximo system contains correct, complete and up to date information.

### Key Accountabilities

Within the area of responsibility, this role is required to:

- Collate and prioritise work identified to meet the requirements of the Asset Management and Business Plan.
- Undertake engineering inspections on allocated sections of track.
- Set target start and finish dates to meet priorities.
- Prepare work order to 'Ready to Plan status' and attach Job and/or Work Plans. Including work-trains, service freight, materials, subcontractors (plant) and labour resources.
- Collaborate with the Field Production Manager to complete detailed planning and work delivery.
- Consider all advisories or directives (Codes, SIN, rules and regulations) from Track and Civil Engineering office and ensure they are reflected in planned work activity.
- Perform engineering data analysis in Maximo for TQI, TSA and other applications.
- Monitor production milestones, report progress, provide technical support and advice.
- Carry out safety talks, walks and audits.

### Key challenges

- Ensuring the section of track is fully compliant.
- Managing planned cost verses actual with contractors and internals partners.
- Managing and analysing data to keep the track within codes, standards and current KPIs.

Key Relationships Here are the key relationships relevant to this role		Manage /Lead	Deliver to	Collaborate with	Advise or inform
— ◀ ▶ ☐	Engineering Team Leader - Track		✓	✓	✓

	Metro Transformation Lead		✓	✓	✓
	Delivery Team			✓	✓
	Professional Heads			✓	✓
	Subject Matter Experts			✓	✓
	Internal Service Providers			✓	✓
External	Link Alliance/City Rail Link			✓	✓
	Auckland Transport			✓	✓
	WorkSafe			✓	✓
	Auckland Council			✓	✓
	Subject Matter Experts		✓	✓	✓
	Utility and Service Providers			✓	✓



## What you will do to contribute

<b>Health Safety and Wellbeing</b>	<ul style="list-style-type: none"> <li>• Implement safety procedures and ensure team compliance</li> <li>• Analyse workplace risks and develop mitigation strategies</li> <li>• Promote a culture of safety and wellbeing within your team</li> <li>• Respond effectively to safety incidents and near-misses</li> <li>• Support team members' physical and mental health</li> </ul>
<b>Customer Focus</b>	<ul style="list-style-type: none"> <li>• Provide a positive customer experience</li> <li>• Support a customer-focused culture at KiwiRail</li> <li>• Know our services well and explain them to customers</li> <li>• Respond quickly to customer needs</li> <li>• Develop solutions to meet customer requirements</li> <li>• Solve complex customer issues</li> <li>• Work with colleagues to improve customer outcomes</li> </ul>
<b>Commercial Acumen</b>	<ul style="list-style-type: none"> <li>• Plan and monitor own responsibilities to contribute to team objectives</li> <li>• Consider financial implications when making recommendations</li> <li>• Work with stakeholders to ensure quality outcomes</li> <li>• Recognise how decisions impact KiwiRail's overall position</li> </ul>
<b>Role Specific Domain</b>	<p data-bbox="470 1014 710 1041"><b>Planning Activities</b></p> <ul style="list-style-type: none"> <li>• Collate and prioritise work identified to meet the requirements of the Asset Management and Business Plans</li> <li>• Undertake engineering inspections on allocated sections of track</li> <li>• Set target start and finish dates to meet priorities</li> <li>• Prepare work orders to 'Ready to Plan' status and attach Job and/or Work Plans. Include work-trains, service freight, materials, subcontractors (plant) and labour resources</li> <li>• Forward work orders to the Field Production Manager to complete the detailed planning and work delivery</li> <li>• Consider all advisories or directives (Codes, SIN, rules and regulations) from Track and Civil Engineering office and ensure they are reflected in planned work activity</li> <li>• Perform engineering data analysis in Maximo for TQI, TSA and other applications</li> <li>• Monitor and report production job milestones and progress</li> <li>• Provide technical support and advice as required</li> </ul> <p data-bbox="470 1592 694 1619"><b>Audit and Review</b></p> <ul style="list-style-type: none"> <li>• Conduct on-site inspections and report results</li> <li>• Conduct technical audit at job completion and planned milestones, raising any exceptions</li> <li>• Ensure all asset data is updated in Maximo correctly and new assets are recorded accurately</li> <li>• Provide information and reports to the Asset Manager to meet Code Compliance audits, project deliverables and other ad hoc queries</li> <li>• Work with the Planner/Scheduler and the Data Analyst to provide information for review to support continuous learning and improvement</li> <li>• Participate in performance review of work delivered, costs, scope and timeframe</li> </ul>

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- Support the Asset Engineer with M120 and data systems in a timely way to produce evidence of compliance
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## Decision Making

The position is accountable for decisions, planning and prioritisation regarding asset management work and inspections of track while considering advisories or directives.

Key decision-making requirements of the position include:

- Collating and prioritising work decisions
- Project planning and scheduling decisions

<b>Human Resources Delegations</b>	Team member
<b>Direct reports</b>	Nil
<b>Finance Delegations</b>	Nil
<b>Budget (operating and capital)</b>	Nil
<b>Travel Delegations</b>	Nil
<b>Statutory powers</b>	Nil

## Physical demands and the nature of work

This role is physically demanding and requires:

- Extended periods of standing and walking while performing manual tasks
- Working in various weather conditions and environments
- Exposure to mechanical equipment, electrical systems, vibration and noise
- Capability to respond to emergency callouts and work extended shifts
- Protective equipment usage including safety boots, hard hats, eye/ear protection

*Your role may include other tasks suited to your level, as your manager directs. This job description shows your current duties. We'll review and update it with you if your responsibilities change.*

About you

### **Knowledge and experience**

- Proven track record of contributing to positive project outcomes in complex multi-disciplinary environments.
- Experience delivering rail projects is an advantage, and certification as Project Management Professional is a plus.
- Proven knowledge and understanding of project management methodologies and reporting, including risk management, design, specification, and production for assigned projects.
- Previous Project Engineering experience and ideally experience working in the railway or construction industry.
- Demonstrable experience contributing to key project documentation and working with teams to deliver quality outputs.
- Exceptional organisational skills in prioritising and managing own workload.
- Continually reviewing work practices, productivity, and cost control throughout the project to maximise the financial performance of project.
- Continuously assess risks and scope changes, identifying and recommending solutions to minimise adverse effects on cost, timeliness and quality of the project.
- Maintain excellent relationships with internal and external stakeholders, ensuring timely communication of project progress and likely impacts.

### **Ways of working / Work-related qualities**

- You are able to maintain composure, making sound and timely decisions under pressure.
- You are pragmatic and flexible, effectively balancing the needs of your team, project and KiwiRail.

### **Qualifications**

- Tertiary qualification in related discipline
- Project Management qualifications, PRINCE, PMP

And

- Relevant industry and/or project management certifications

**CREATING  
STRONGER  
CONNECTIONS**

The KiwiRail logo, featuring the word "KiwiRail" in a bold, sans-serif font, followed by a stylized graphic of a kiwi bird's tail feathers.