

Benjamin PARRY

Principal Engineer (RPEQ, CPEng, NER, MIEAust)

in linkedin.com/in/benjamin-parry ☎ +61 456 066 328 📩 bparry@gmail.com
📍 1/31 First Avenue, Caloundra 4551, QLD
ℹ️ Minimum 2 weeks notice

Summary Statement

Chartered Civil Engineer (RPEQ, CPEng, NER, MIEAust) and project development specialist with strong experience leading early-phase infrastructure planning, design and investment preparation under structured governance frameworks. Skilled in defining high level problem statements, assessing options, coordinating multidisciplinary inputs, and developing business cases that align technical feasibility with strategic and financial objectives. Proven leader of cross-functional teams with extensive experience in risk management, stakeholder engagement, and capital governance, committed to delivering sound, evidence-based investment decisions that create long-term value for Queensland communities.

PROFESSIONAL CAREER

Present May 2025	<p>Principal Engineer (Investment Planning), TRANSPORT AND MAIN ROADS, North Coast Region <i>State Roads Authority</i></p> <p>INVESTMENT PLANNING</p> <ul style="list-style-type: none">➢ Lead early-stage development of major transport infrastructure and government election commitments, aligning with ATAP, OnQ and PAF frameworks to progress projects through structured stage-gates.➢ Coordinate cross-functional subject matter experts (engineering, environmental, cultural heritage, geotechnical, finance) to define problem statements, assess options and prepare investment documentation that informs executive decision-making.➢ Facilitate risk and scope definition workshops, validating cost, schedule and delivery assumptions to ensure robust feasibility assessments.➢ Manage multidisciplinary consultants and internal teams through the development phase, integrating technical, operational and commercial inputs into coherent investment cases.➢ Direct procurement and contract management of technical services in line with governance and probity requirements, achieving value-for-money outcomes.➢ Provide strategic reporting to senior executives on development progress, approvals and risks to support transparent, evidence-based investment decisions. <div style="display: flex; justify-content: space-around; font-size: small; margin-top: 5px;">Investment PlanningProject DevelopmentProject ManagementBusiness Case PreparationRisk Management</div> <div style="display: flex; justify-content: space-around; font-size: small; margin-top: 2px;">GovernanceStakeholder Engagement</div>
May 2025 December 2023	<p>Senior Engineer (Civil), TRANSPORT AND MAIN ROADS, North Coast Region <i>State Roads Authority</i></p> <p>MAINTENANCE, ASSETS & TRAFFIC ENGINEERING TEAM</p> <ul style="list-style-type: none">➢ Led strategic asset management and capital planning for regional bridge and culvert networks valued at \$2.5B, integrating risk, cost and performance considerations.➢ Directed procurement, contract administration and delivery of structural renewal projects, ensuring compliance with technical standards and governance requirements.➢ Coordinated multidisciplinary specialists (structural, environmental, geotechnical) to assess risks, plan interventions and maintain network reliability.➢ Managed stakeholder engagement with local government, contractors and Indigenous partners to align project outcomes and address cultural heritage and native title considerations.➢ Contributed to statewide structures management governance frameworks, supporting prioritisation and lifecycle optimisation across asset portfolios. <p>Higher duty roles (2024-2025):</p> <ul style="list-style-type: none">➢ Strategic Planning (Dec 2024): Provided specialist input on infrastructure constraints and planning considerations for SEQ2023 and Major Enterprise and Industry Area designations.➢ Project Planning (Jan 2024): Directed preparation of short-form link plan documentation and contributed to tender evaluation for an Options Analysis stage of a bypass project.➢ Design - Technical Services (May 2024): Reviewed and approved technical designs for compliance with TMR standards, assessing safety, operational and regulatory requirements.➢ Assets (Apr 2025): Led civil structures asset team, overseeing staff performance, stakeholder messaging, and cross-business coordination of asset planning activities.

<p>November 2023 June 2021</p>	<p>Senior Engineer (Civil), RECOR, Noosa <i>Civil/Structural Engineers & Project Managers.</i></p> <p>CIVIL ENGINEERING TEAM</p> <ul style="list-style-type: none"> ➢ Directed multidisciplinary project development from concept through to regulatory approval and delivery, integrating engineering, commercial, and stakeholder inputs. ➢ Managed sub-consultants and internal teams across planning, design and approvals, balancing scope, cost, risk and stakeholder expectations. ➢ Established and led the civil engineering discipline, providing RPEQ supervision and embedding ISO-certified governance systems (Quality, Safety, Environment). ➢ Prepared technical documentation, feasibility assessments and submissions to support client and regulator decision-making. ➢ Engaged with local councils, government agencies and contractors to secure approvals, manage community expectations, and ensure projects met environmental and network requirements. ➢ Prepared clear technical reports, documentation and submissions to support approvals and stakeholder decision-making. <p>Project Management Project Governance Concept Development Multidisciplinary Coordination Regulatory Approvals Leadership Commercial</p>
<p>June 2021 October 2020</p>	<p>Project Management Engineer, PAVEMENT MANAGEMENT SERVICES, Sunshine Coast <i>Specialist engineers in pavement solutions.</i></p> <p>NETWORK PROJECTS TEAM</p> <ul style="list-style-type: none"> ➢ Managed network-level pavement asset projects for local and state government, integrating condition data, deterioration modelling and lifecycle analysis to optimise investment programs. ➢ Led stakeholder engagement to align project scope, expectations and deliverables across technical and management teams. ➢ Developed research into emerging technologies and prepared technical papers for industry publication (IPWEA). <p>Project Management Asset Analytics Project Management Deterioration Modelling Stakeholder Engagement</p>
<p>October 2020 July 2018</p>	<p>Information Analyst, UNIVERSITY OF THE SUNSHINE COAST, Sunshine Coast <i>Australian University</i></p> <p>STRATEGIC INFORMATION AND ANALYSIS TEAM</p> <ul style="list-style-type: none"> ➢ Led requirements analysis and development of strategic financial forecasts and predictive models to support executive decision-making, resource allocation, and Commonwealth funding submissions. ➢ Provided commercial and analytical advice to executives and department heads, translating complex data into clear financial and operational insights that informed strategic planning. ➢ Collaborated with senior stakeholders across Finance, Marketing, and Academic divisions to assess market trends, enrolment drivers, and investment risks. ➢ Developed and automated performance dashboards and data pipelines using R and Python, improving data quality, reducing manual processing, and enhancing real-time reporting capability. ➢ Delivered actionable insights that guided university-wide strategic initiatives, aligning financial performance with institutional objectives and government policy frameworks. <p>Financial Forecasting Predictive Analytics Commercial Advisory Strategic Planning Executive Reporting R Python Data Visualisation</p>
<p>July 2018 July 2016</p>	<p>Technical Officer, NOOSA COUNCIL, Noosa <i>Local Council for the Noosa Shire</i></p> <p>ASSET MANAGEMENT TEAM</p> <ul style="list-style-type: none"> ➢ Engagement with operational and capital works departments to compile 5 year pavement reseal program and find efficiencies with major projects team. ➢ Managed procurement processes including tender preparation, evaluation, and contractor selection, overseeing contract administration and performance management to deliver value for money outcomes. ➢ Led development of a risk-based model in R to optimise network inspection campaigns and inform decision makers and funding decisions. ➢ Led cross-departmental stakeholder engagement to implement new asset management processes, coordinating with operational teams and senior management to drive organizational change and secure buy-in across competing priorities <p>Asset Management Risk management Deterioration Modelling Program Management Disaster Recovery Procurement</p>

<p>March 2016 October 2012</p>	<p>Project Manager (Asset Management), VINCI SA- SOLETANCHE-FREYSSINET, Paris, France <i>Global construction company with expertise in specialised building, civil, hydraulic, and electrical engineering</i></p> <p>ASSET SOLUTIONS TEAM</p> <ul style="list-style-type: none"> › Led international asset management and infrastructure development projects across Europe, the Middle East, and North America, coordinating planning, resourcing, subcontractor management, financial reporting, and technical delivery. › Directed early-phase project definition and concept development for government and concession clients, aligning technical feasibility, operational risk, and commercial outcomes. › Developed and implemented inspection, maintenance, monitoring and lifecycle planning frameworks for major bridges, tunnels, highways, and water infrastructure, integrating condition assessment and risk analysis to optimise reinvestment decisions. › Coordinated design and deployment of asset management and monitoring systems that improved data-driven decision-making and long-term asset performance. › Delivered technical workshops, training, and presentations to client engineering and management teams, facilitating change management in organisations to embed new practices and governance processes. › Led preparation of technical and commercial proposals, bid submissions, and investment documentation for infrastructure projects, supporting client capital approval processes. › Applied structured project management methodologies (Agile, PMBOK, PRINCE2) to manage scope, cost, schedule, risk, and quality across complex, multidisciplinary projects. <div style="display: flex; justify-content: space-around; font-size: small; margin-top: 5px;"> Project Management Leadership Stakeholder engagement Contract management Civil Engineering </div> <div style="display: flex; justify-content: space-around; font-size: small; margin-top: 2px;"> Asset Management Structural Inspections Technical Reporting </div>
------------------------------------	--

<p>October 2012 March 2010</p>	<p>Civil Engineer, NEWTON DENNY CHAPELLE, Lismore <i>Town Planning/Civil Engineering/Surveying consultancy for industrial, residential and commercial developments.</i></p> <p>CIVIL ENGINEERING TEAM</p> <p>Concept and detailed engineering for development and planning projects.</p> <ul style="list-style-type: none"> › Preparation of detailed technical reports to support development applications and planning requirements › Leading design of subdivisions earthworks, roads, and stormwater networks for urban and rural commercial, industrial and residential developments. › Undertaking design in compliance with all relevant standards and regulations, and supervision of construction to ensure conformity with approvals › Collaborating and liaising with town planners, surveyors, environmental consultants, contractors and local councils to achieve regulatory approvals <div style="display: flex; justify-content: space-around; font-size: small; margin-top: 5px;"> Civil Design Urban Development Stormwater Modelling Road & Pavement Design Earthworks Traffic Studies </div> <div style="display: flex; justify-content: space-around; font-size: small; margin-top: 2px;"> CivilCAD MUSIC XP-Rafts SIDRA Site Supervision Technical Reporting </div>
------------------------------------	---

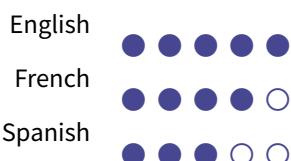
EDUCATION

<p>2016-2018</p>	Graduate Diploma in Data Science (Accelerated), Monash University
<p>2009</p>	Exchange to L'Institut National Polytechnique de Grenoble , France, Final project in the Laboratoire des Ecoulements Géophysiques et Industriels (LEGI).
<p>2004-2009</p>	Bachelor of Engineering (Civil)/Bachelor of Arts (Spanish, French) - first class honours, University of Queensland , St Lucia.

SKILLS

Project Investment Planning	Extensive experience leading early-stage project development through structured stage-gate governance frameworks (ATAP, OnQ, PAF). Skilled in problem definition, strategic needs assessment, pre-feasibility studies, options analysis, and business case preparation. Proven ability to coordinate multidisciplinary inputs - technical, commercial, operational, and risk - to produce robust, evidence-based investment documentation. Strong understanding of capital program governance, assurance requirements, and decision-making processes for major infrastructure projects.
Commercial & Financial	Experienced in integrating technical, operational, and financial considerations into project development and investment planning. Skilled in interpreting cost estimates, budgets, and financial models to ensure project options are commercially viable and aligned with organisational priorities. Strong understanding of procurement strategies, contract structures, and delivery models that influence project cost, risk, and performance. Able to translate complex engineering inputs into clear financial and risk language for decision-makers.
Multi-disciplinary Coordination	Proven track record coordinating diverse specialist inputs across engineering (civil, structural, electrical, instrumentation, traffic, geotechnical, environmental), operations, finance, and risk. Experienced facilitating workshops on scope definition, risk assessment, cost validation, and schedule development. Adept at synthesising complex information into integrated project documentation and clear, defensible investment recommendations.
Project & Program Management	Proven success delivering complex infrastructure projects and programs using PMBOK, PRINCE2, and Agile frameworks. Expertise in project planning, risk management, resource allocation, procurement, contract administration, and financial oversight. Experienced managing consultants, contractors, and multidisciplinary teams to achieve scope, cost, schedule, and quality objectives in regulated, safety-critical environments.
Stakeholder Engagement	Strong communicator skilled in engaging executives, government agencies, asset managers, and project delivery teams. Experienced facilitating collaborative decision-making, aligning competing priorities, and influencing investment outcomes. Proven ability to prepare and present executive briefings, business cases, and technical reports that distil complexity into clear, actionable recommendations.
Risk & Governance	Deep understanding of risk-based decision-making and capital governance frameworks. Experienced conducting risk assessments, developing mitigation strategies, and supporting stage-gate assurance processes. Implemented ISO 9001, 45001, and 14001 management systems. Strong commitment to probity, transparency, and disciplined governance across program delivery and investment planning.
Technical Engineering	Chartered Civil Engineer (RPEQ, CPEng, NER) with broad infrastructure experience spanning transport, civil structures, stormwater, and urban development. Combines engineering judgment with analytical capability to support sound, data-driven decision-making. Understanding of asset management, operational performance, and maintainability principles that underpin sustainable infrastructure investment.
Software & Systems	<ul style="list-style-type: none">➢ Project Management: MS Project, Primavera, 3PCM➢ Business Analysis: Excel (advanced financial modelling), Power BI, Tableau➢ Engineering: 12D, AutoCAD, MUSIC, TUFLOW, Drains, Circly➢ Data Analytics: R, Python, SQL, QGIS➢ Enterprise Systems: SAP, TechnologyOne

LANGUAGES



OTHER INTERESTS

- Rock climbing, Running, Dog training
- Travel, Languages, Meditation
- Piano, Woodwork