



DESIGN . PLANNING . ADVISORY . CONSTRUCTION

POSITION DESCRIPTION // PC.04.48

# Project Engineer Circuit & Civil.

Plan, deliver, maintain and hand back the circuit — roadworks, civil works and motorsport assets across the Gold Coast 500 and Townsville 500.

## LOCATION

**Gold Coast, QLD**

Base location

## TYPE

**Full time**

Permanent

## REPORTS TO

**Lead Project Manager**

/ Associate Director — Engineering

## PROJECT

**GC500 & Townsville 500**

Plus other events as required

## 01 // ABOUT IEDM

# A leading principal contractor for major temporary infrastructure.

iEDM is a leading project management and principal contractor for major temporary infrastructure projects, delivering circuits, venues and overlay for Australia's largest events.

With expertise across events, engineering and construction, we build and hand back complex temporary infrastructure in live public environments, on fixed and immovable timeframes.

Our team thrives in a fast-paced, high-profile environment where precision, safety and quality are paramount.

This role sits within the **Engineering Project Management (EPM) team**, based on the Gold Coast with extended periods on site at the Gold Coast 500 and Townsville 500.

## 40yrs

Delivering Australia's most complex events & infrastructure

## 3

States — QLD, VIC & SA delivery teams

## 1

Single point of accountability — integrated by design

## 02 // THE ROLE

# Project Engineer - Circuit & Civil

Responsible for the planning, delivery, compliance, operational readiness and deconstruction of **all circuit infrastructure, roadworks and civil works** for iEDM's Gold Coast-based motorsport events — primarily the Gold Coast 500 and Townsville 500.

A key member of the EPM team, you will manage circuit and civil contractors, coordinate road closures and reopenings, support authority approvals, and ensure the circuit meets licensing, engineering and safety requirements. The role runs from planning through construction, event operations and handback, and is the primary Circuit & Civil representative in Race Control during the event.

## KEY RESPONSIBILITIES

### 01 Circuit Infrastructure

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- Lead the planning, installation, maintenance and removal of all circuit infrastructure — barriers, debris and safety fencing, kerbing, marshal access, signage, circuit furniture and race control infrastructure.
- Manage build and bump-out against approved construction schedules.
- Ensure circuit readiness for inspection, licensing, certification and operational handover.
- Maintain circuit asset registers and identify annual replenishment requirements.
- Ensure compliance with Supercars, Motorsport Australia and FIA circuit standards.

### 03 Planning & Programming

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- Support the Construction Manager in developing and implementing detailed construction programs.
- Develop and manage circuit installation and removal schedules.
- Monitor progress against milestones, identify schedule risks and implement corrective actions.
- Contribute to monthly reporting, project reviews and annual planning and budgeting.

### 02 Civil Works Delivery

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- Manage all civil construction associated with event delivery — asphalt repairs, temporary road modifications, drainage, earthworks, utility protection, hardstand and access roads.
- Review engineering drawings, methodologies and technical specifications.
- Implement quality assurance and compliance processes throughout delivery.
- Coordinate restoration and reinstatement of public assets and park lands post-event.

### 04 Contractors, Procurement & Change

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- Develop technical scopes of work and contractor specifications; support procurement and tender evaluation.
- Manage contractor performance, site meetings, inspections and progress reviews.
- Verify works, quantities and completion status for contract administration.
- Assess Variation Orders affecting circuit, road and civil infrastructure, and review impacts on safety, cost, program and operations.
- Coordinate implementation of approved changes and identify efficiency and cost-saving opportunities.

## 02 // THE ROLE (CONTINUED)

# Compliance, race week and handback.

## 05 Traffic Management & Road Occupation

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- Coordinate road closure and reopening activities associated with the event circuit.
- Review Traffic Management Plans and Traffic Guidance Schemes; liaise with road authorities on permits and approvals.
- Ensure contractor compliance with approved traffic management requirements.
- Minimise impacts to public access, pedestrian and cycling movements throughout all phases.

## 07 Design, Engineering & Stakeholders

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- Coordinate with civil, structural and services engineers through design development and implementation.
- Participate in design review, constructability and Safety in Design workshops.
- Ensure infrastructure is constructed in accordance with approved drawings and specifications.
- Support approvals and permits, provide technical advice and attend stakeholder coordination meetings.

## 09 Deconstruction & Improvement

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- Lead removal of circuit and civil infrastructure and coordinate handback of roads, park lands and public assets.
- Participate in contractor and stakeholder debriefs and review infrastructure performance.
- Develop recommendations to improve circuit delivery, safety and traffic management, and reduce occupation periods.

## 06 Compliance, Safety & Quality

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- Ensure circuit works comply with legislative obligations, regulations and standards.
- Identify, assess and manage infrastructure risks; participate in project risk reviews.
- Review SWMS, permits and contractor compliance documentation; assist with incident investigations.
- Implement Inspection and Test Plans, coordinate verification activities and maintain certification records.

## 08 Event Operations

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- Act as the nominated EPM Circuit & Civil representative within Race Control.
- Monitor circuit condition and operational readiness throughout the event.
- Coordinate rapid response teams and contractor responses to faults, incidents and emergency repairs.
- Liaise with Supercars officials, race control, emergency services and event management teams.

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### TRAVEL

This role requires regular travel to project and event sites with extended time on-site during construction, event and deconstruction periods.

## 03 // CANDIDATE PROFILE

# What you **bring.**

## Qualifications & Experience

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- + Tertiary qualification in Civil Engineering, Construction Management, Project Management, or a related discipline.
- + Minimum **5 years' experience** in civil construction, motorsport operations, major event or transport infrastructure.
- + Demonstrated experience managing complex civil and infrastructure projects, contractors and high-risk construction activities.
- + Experience working within live operational environments.
- + Proven understanding of project controls, budgeting, programming and risk management.
- + Experience with roadworks and traffic management operations.

## Technical Skills

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- + Civil construction and road infrastructure delivery.
- + Circuit and motorsport infrastructure requirements.
- + Traffic management and road occupation planning.
- + Contractor and stakeholder management.
- + Risk management and WHS compliance.
- + Temporary infrastructure and construction methodologies.
- + Engineering drawing and specification interpretation.
- + Program development and scheduling.
- + Budget and contract administration.
- + Quality assurance and certification processes.
- + Strong communication, negotiation and leadership skills.
- + Competency with Microsoft Office and project management systems.

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## ATTRIBUTES

- + Self-driven in a fast-paced environment with fixed timeframes.
- + Safety-first mindset.
- + Collaborative and team-oriented.
- + Proactive problem solver.
- + Results-driven and adaptable.
- + Strong communicator across consultants, authorities, project teams and clients.
- + Strong leadership and accountability.
- + Calm and decisive under pressure.
- + Highly organised and detail focused.
- + Willing to travel to project and event sites, including Townsville, for extended periods.

## 04 // HOW WE WORK

# Our values, **one team.**

**01****Trusted**

We earn our seat at the table by consistently delivering, and we trust each other to carry it home.

**02****Knowledgeable**

Masters of our craft.  
We don't solve the same problem twice.

**03****Resilient**

When it gets real, we pivot fast, with a good attitude.

**04****United**

One team: we hold the standard, back each other, and guard our wellbeing.

## 05 // OUR COMMITMENTS

**Safety & Wellbeing**

Non-negotiable. We protect both physical and psychological health, and everyone actively manages risk and contributes to a strong safety culture — on site and in the office.

**Equity, Diversity & Inclusion**

We value diverse perspectives and create an inclusive environment where everyone feels respected, supported and able to perform at their best.

**Sustainability**

We integrate sustainable practices across our projects and operations — reducing environmental impact and delivering long-term value for communities and clients.

**INTERESTED?**

If this role sounds like a good fit, we'd love to talk it through with you - have a chat with the **Associate Director, Engineering** or your iEDM contact about what the role involves and where it could take you.

When the world is  
**watching, we deliver**