

CAPABILITY STATEMENT

Blue

Infrastructure
Services

Core Competencies

- Civil Infrastructure Design
- Project Management Services
- Strategic Planning
- Asset Management
- Construction Management
- Contract Administration

Differentiators

Blue Infrastructure Services strive to bring efficiency to our projects. This is a part of our DNA that has developed over years of continual refinement of our ever practical solutions.

Our belief is that a project should come with the least compromises possible from all perspectives, and give the most stakeholders the best possible outcomes. Our goal is to assist our clients in not only achieving their goals but being as satisfied with the results that we are.



About Blue Infrastructure Services

Blue Infrastructure Services is a Specialist Civil Engineering Consultancy focusing on Civil Infrastructure. Our company is built on over 15 years industry experience specialising in Local Government, Consulting, and Civil Construction. Some of these areas include water treatment plants, processing plants, rail infrastructure and bridges, mining, traffic and transport planning, stormwater and drainage, solar farms, environmental and heritage, road construction, and marine construction.



Jason Isbester

Principal Engineer

RPEQ Civil Engineer with vast infrastructure experience in project engineering and management roles. RPEQ Civil Engineer with vast infrastructure experience in project engineering and management roles. RPEQ Civil Engineer with vast infrastructure experience in project engineering and management roles.

Management of Train Load Out Interface – Bravus*

Our engineering firm successfully undertook the responsibility of managing the Train Load Out Interface project for Bravus. Through meticulous planning and efficient coordination, we ensured seamless communication and interaction between trains and loading systems, optimizing the loading process while adhering to strict safety standards. Our expertise in railway systems management contributed to enhancing Bravus's operational efficiency and overall productivity.



Designed and Project Managed Aeration Towers at East Wagga Wagga Water Treatment Plant

Our firm played a pivotal role in the enhancement of East Wagga Wagga Water Treatment Plant's efficiency by designing and overseeing the construction of four aeration towers. These towers significantly improved water treatment processes, ensuring higher quality water for the Riverina Water County Council. Our comprehensive approach encompassed design innovation, construction supervision, and successful project delivery.

Offshore Beacon Replacement in Embley River Shipping Channel

With a dual role as Civil Site Engineer and Project Manager, we spearheaded the replacement of navigational beacons in the Embley River Shipping Channel at Weipa. Our team expertly coordinated the removal and installation of these crucial maritime aids, enhancing navigational safety. This endeavor showcased our ability to manage multifaceted projects in challenging marine environments, contributing to the smooth flow of maritime traffic.

Inverter Station Foundations at Sun Metals Solar Farm and Trunk Main Design

Our engineering expertise was instrumental in the successful construction of 26 inverter station foundations at Sun Metals Solar Farm. Concurrently, we managed the alignment and hydraulic design of the Southern Trunk Main, stretching from West Wagga Wagga Water Treatment Plant to Uranquinty. This dual accomplishment highlighted our proficiency in renewable energy infrastructure and water conveyance systems, underscoring our commitment to sustainable solutions.

Project Managed Hammond Island Barge Ramp Dolphin's Reconstruction

Taking on the project management role for the reconstruction of Hammond Island's barge ramp dolphins showcased our firm's ability to deliver complex marine infrastructure projects. We orchestrated the design, procurement, and construction phases, meticulously restoring the barge ramp's critical components. The completed project not only reinstated operational functionality but also contributed to the island's accessibility and logistical capabilities.



Murrumburrah Streetscape Boardwalks with Engineering Excellence Award

Our innovative approach to engineering was recognized when we surveyed, designed, and managed the construction of the Murrumburrah Streetscape boardwalks. By incorporating recycled and environmentally sustainable materials, we not only transformed the urban landscape but also secured an IPWEA Engineering Excellence Award. This project stands as a testament to our dedication to creative engineering solutions that blend functionality with environmental consciousness.

Local Area Traffic Management Study for Harden Murrumburrah

Conducting a comprehensive Local Area Traffic Management Study for the rural township of Harden Murrumburrah showcased our firm's commitment to community-oriented engineering solutions. Through meticulous data collection and analysis, we proposed traffic management strategies that enhance safety and efficiency, addressing the unique challenges of a rural setting while facilitating smoother transportation flow.



Specialisations

- Project Management of Civil Construction works
- Engineering Design Certification
- Project Estimating
- Tender Writing & Project Documentation
- Project Administration

Design, Drafting, and Certification

- Roads and Pavements
- Subdivisions
- Culverts, and drainage structures
- Footpaths, kerb and gutter, subsurface drainage, driveways
- Shallow foundations or footing design
- Pedestrian access and mobility ramps, steps, and walkways
- Fencing, balustrades, and barrier design. Decks and boardwalks
- Retaining walls
- Water Treatment
- Hydraulic Analysis
- Pump Sizing
- Water mains, connections, and reticulation
- Sewer mains and connections
- Stormwater and Drainage Structures
- Erosion protection

Quality Assurance and Certification

Certification that construction is to both Australian and Industry Standards as well as the meets the design requirements. This service can be performed to both Company and Third-Party designs.



Aeration Tower

Project Management

- Owners Engineer Role
- Contract Administration
- Tender Specification writing
- Scope of Works writing
- Bid Proposal and Tender Writing
- Bid and Tender Assessment
- Budgeting and Cost Control
- Estimating and Scheduling of Works
- Construction Management
- Management of Contractors, Clients, and Suppliers

Engineering

- Feasibility Studies and Project Scoping
- Road Safety Auditing
- Traffic Study's and Options Analysis
- Construction and Tender Documentation



