



Civil

Capability Statement



We are **Engineering
Amplified**

Contents

03	About Agilitus	13	Ground engineering
04	Multidiscipline services	15	Hydrology
05	Executive leadership team	16	Case studies
06	Our difference	25	You're in good company
08	Our civil leadership team	26	Technical excellence
11	Civil engineering and design for asset optimisation	27	Safety
12	Civil engineering	28	Contact

The **First Choice**
in **Engineering**

About Agilitus

Since 2017, we have expanded Australia-wide, delivering quality and reliable services in engineering, design, and project management across all disciplines and sectors.

Founded by colleagues Craig Bloxham (Managing Director) and Tony Comerford (Technical Director) after decades in the sector, their ethos of creating a business removed of staid bureaucratic processes still holds true today. It's this uncompromising philosophy that remains the hallmark of the business' true success.

"When you're one of thousands in a public listed company, it gets complicated, and Tony and I wanted to keep things simple. Complexity should not be in the management of the business, just the technical aspects of engineering. We wanted to focus on quality services and building a strong reputation of doing good work; the rest is history," said Craig.

With a vision to be the most sought-after global multidiscipline engineering business, attracting and employing the best people with like-minded values continues to be an important function of the business.

"To make it all work, you've got to have the right culture. If your team enjoy the work and the people they work with, this enthusiasm is hard to resist.

It's our distinction that no one can copy. Our clients value this in the way we work alongside them," said Tony.

“We're known for our expertise and integrating solutions across all disciplines to deliver a quality product. It's about being consistently predictable, reliable and value for money.”
Craig Bloxham - Managing Director

Agilitus at a glance

 480+ Workforce With high performance culture and low turnover	 6 Offices Across Australia, Perth HQ	 250+ Years Cumulative experience of the Management Team
 180+ Clients in the Resources, Energy & Infrastructure Sectors	 20+ MSA Agreements across blue-chip customers	 ZERO Lost time to injury in the last 5 years

Multidiscipline services

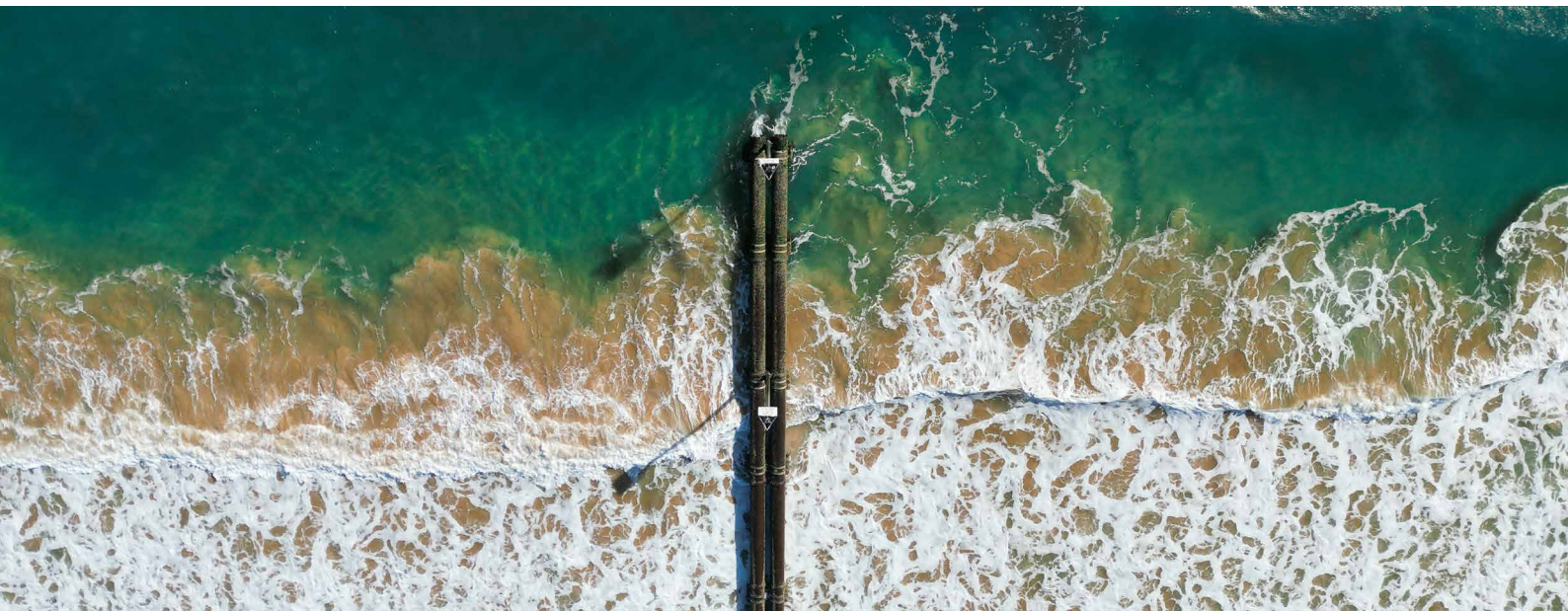
Agilitus is a multidiscipline engineering, EPCM and ESG consultancy with a skilled, collaborative team delivering innovative solutions to the Resources, Energy & Industrial sectors.

Agilitus offers a range of services to meet any project's most stringent requirements across the entire lifecycle.

The team is focused on providing customised project design, engineering, EPCM, ESG advisory and rehabilitation capabilities with experience in mine site infrastructure and process plants, rail systems, bridges, haul roads, ports and marine, NPI facilities, energy, as well as power supply and distribution.

Agilitus has an in-depth understanding of the project lifecycle. This includes supporting clients through all stages of the project's delivery, from exploration to conceptual design and feasibility studies to detailed design, approvals, construction support and operations, rehabilitation and closure.

- Asset management
- Civil
- Coastal
- Critical and precious minerals
- Decarbonisation
- Desalination
- Design and technology
- Digital consulting
- Electrical
- Energy
- Gold
- Ground engineering
- Infrastructure
- Heavy haul rail
- HSEQ solutions
- Hydraulic mining
- Hydrology and water
- Mechanical
- Ports and marine
- Process
- Project delivery services (EPCM)
- Pumping and piping
- Stakeholder engagement
- Structural
- Tailings management, mine closures and rehabilitation



Craig Bloxham
Managing Director and Co-founder
30+ years' experience

We develop engineering solutions suitable for our client's purposes, rather than an engineering solution suitable for your business perspective in terms of managing that risk.



Gavin Wearne
Director – Ports and Marine
23+ years' experience

Success is being a trusted advisor for our clients, delivering successful projects, and being a great place to work. We have this here.



Jason Fong
Director – Geotechnical
30+ years' experience

Agilitus has been built on finding innovative solutions, best fit solutions for problems that often a lot of our competitors haven't been able to solve.



Tony Comerford
Technical Director and Co-founder
35+ years' experience

We're in the business of solving engineering challenges but it's more than that; it's the difference we can make for clients, our people and community. It's about delivering on our promises and always exploring better ways of finding solutions.



Jamie Little
Director – Commercial and Project Delivery
23+ years' experience

We do more than just value adding; we're actually strategically looking at the whole scenario, the big picture to deliver what clients need, not necessarily just what they asked for.



Nicolle Jenkins
Director – Marketing and Business Development
30+ years' experience

Returning clients is the true indicator of our success. This represents a true commitment to solving complex problems and optimising solutions. It's who we are.



Tony Daniel
Chief Operations Officer
21+ years' experience

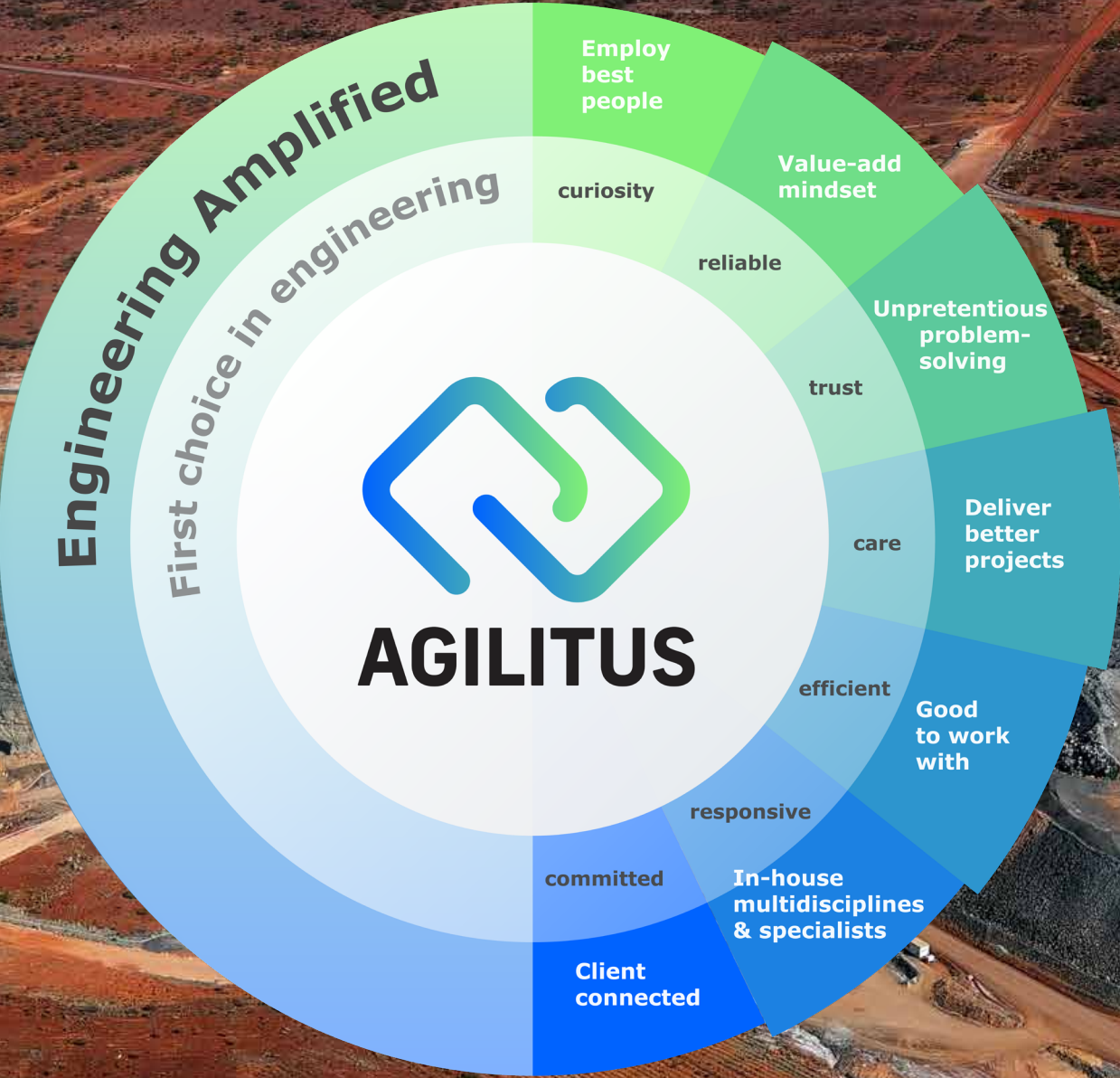
We combine exceptional technical expertise with practical, value-driven solutions for clients. This builds mutual respect and confidence in our solutions, knowing that we explore all avenues for the best fit solution for the project.



Matt Moreland
Director – Engineering
15+ years' experience

We don't do things just because that's the way they have always been done. We're not wedded to that thought process. We're always asking, what are you trying to achieve and what solution do you need.

Our difference



People & culture

We create an environment where people thrive and are empowered, safe, and supported to innovate. **Our team genuinely enjoys the work and the people they work with, and that enthusiasm becomes a powerful force.** Clients feel it. It builds trust, momentum, and confidence.

100% employee owned

When our clients succeed, we succeed. **Being 100% employee-owned means, we're personally invested in delivering outstanding outcomes.** This ownership mindset shows up in the energy we bring, the pride we take, and the results we deliver.

Brownfields experts

We're a leading brownfields specialist, with most of our work delivered in live, operating environments. Our multidisciplinary in-house team, including highly valued specialist services, provides clients with a true end-to-end capability under one roof.

We don't just work in brownfields; we excel in it.

Best-fit solutions

We design best-fit solutions which integrate seamlessly into existing operations, reduce disruption, and mitigate risk. **Our proven methodologies allow us to move with precision and pace,** applying decades of practical experience to unlock smarter, safer, more cost-efficient outcomes.



Our civil engineering team



Cameron Maher
Discipline Lead – Civil
16+ years' experience

Cameron is an accomplished chartered engineer with more than 16 years' experience leading and coordinating teams to deliver transportation and mining infrastructure projects ranging from large multi-disciplinary projects to bespoke, technically complex schemes. Cameron has worked in offices across Australia and the UK working on local projects and international projects including in Hong Kong and Brunei.



Steve Evans
Director – Civil
36+ years' experience

Steve has 36 years of experience in civil engineering, including over 14 years in the resource industry on various national and international projects across Africa and South America. As a Principal Civil Engineer, Steve was responsible for the design of the various non-process infrastructure facilities within projects which include access roads, haul roads, earthwork pads, laydown areas, accommodation camps, raw water dams, tailings storage facilities and drainage.



Anders Tan
Project Director – Civil
31+ years' experience

Anders has 31 years of experience in civil design, construction and maintenance. Anders experience extends to heavy haul rail, rail embankment, roads, highway, drainage extending to track and civil maintenance and operations.



Jayden Catto
Lead Civil Engineer
11+ years' experience

11 years of experience in the design management and site engineering of resources, urban development and infrastructure projects. Recent project experiences have been across successive stages of a project lifecycle including pursuit and bid development, feasibility, concept, detailed design, and procurement and construction support.



Austin Lingard
Project Manager
8+ years' experience

8 years experience across design drafting, civil engineering, structural engineering, and project management within a consulting environment. Recent project experiences have covered all stages of the project lifecycle from planning through to construction support in the delivery of technically complex projects involving bulk earthworks, road, pavement, and stormwater drainage design. Austin is a strong communicator who thrives within collaborative, multidisciplinary teams and is focused on delivering high-quality solutions for his clients.



Richard Hardy
Design Manager
20+ years' experience

20 years of experience in the civil design and construction industry with expertise in the mining sectors in Australia and Scotland. He holds extensive experience using 12D in the civil space across the resources and transport sector with exposure to large scale projects for BHP, FMG as well as Roy Hill across several civil areas.



Colin Meeking
Principal Civil Engineer
35+ years' experience

35 years of experience in the successful delivery of some of the states major infrastructure projects. He has extensive experience in the delivery of major D&C's and Alliances, including freeways, major urban and rural highways and interchanges interfacing with rail, local road networks, urban regeneration, regional airports, regional villages, commercial and industrial subdivisions and developments, recreational facilities, parks and streetscapes.



Gavin Treacy
Principal Civil Engineer
20+ years' experience

20 years of experience in civil construction, design and project management. Gavin has a proven track record in implementing cost effective and practical solutions for clients in high risk operations, utilising a strong understanding of engineering principles and attention to detail.



Ryan Brook
Lead Civil Engineer
12+ years' experience

12 years of experience in designing culverts, floodways and drainage systems for linear infrastructure projects, designing alongside civil works. Ryan has a strong understanding of utility provider processes for design, construction, and relocations.



David Richelieu
Lead Civil Designer
25+ years' experience

25 years of experience in public works - roadworks, earthworks, carparks, precinct works, as well as mining projects involving camps, earthworks, roadworks and rail using 12d model and Bentley MX including Renew. David has extensive experience with Main Roads standards as well as Austroads and other state road authorities.



Dean Bullingham
Lead Civil Designer
16+ years' experience

16 years of experience, working on many projects for a variety of clients, each with unique design and drafting requirements. He has worked individually and collaboratively in a team. Dean has worked on projects nationally and internationally with various design and construction companies in the mining and land development industries, delivering high quality drawings efficiently and on time.



Sam Fenton
Lead Civil Designer
16+ years' experience

16 years of experience in the civil infrastructure industry working in a range of roles for both the government and private sector, consultants and contractors. Most recently Sam has settled into a consulting Lead Designer role gaining experience on a range of significant projects across Australia, working for a variety of Clients. On top of his design duties, Sam has pursued more responsibility to lead design teams to drive standards and efficiencies to ultimately improve design processes and outcomes.



Jeon Park
Senior Civil Designer
9+ years' experience

9 years of experience with an extensive portfolio including the design and construction of roads and highways, large-scale earthworks and roadworks, train station car parks, and comprehensive BIM modelling. Jeon's expertise also extends to water reticulation and supply systems, sewer reticulation and pumping station design, and stormwater drainage solutions for urban, rural, and commercial developments.

Civil engineering and design for asset optimisation

Agilitus' proven approach to deliver schedule and cost benefits through clever engineering and true collaboration is what sets us apart.

Agilitus is a multidisciplinary engineering, design, project delivery and advisory consultancy, providing technical solutions for clients in the Resources, Energy and Industrial sectors.

With offices on the East and West coasts of Australia, we are majority owned by our employees and committed to helping clients decarbonise in a net zero economy.

Our fit-for-purpose engineering solutions enable mining and raw material proponents, energy and water utilities, and port authorities to optimise the performance their assets, minimise operational disruption, improve safety and mitigate risks.

Agilitus' proven approach to deliver schedule and cost benefits through clever engineering and true collaboration is what sets us apart.

Our people pride themselves on providing smart and sustainable solutions to complex engineering problems; and importantly, on being great people to work with.



Hydrology

We provide specialised hydrological services and advice to support clients across the planning, design, construction and operation of both process and non-process infrastructure. Our dedicated hydrology team is skilled in the use of leading software, tools and hydrology methods.

With extensive experience in project delivery across diverse locations, we understand the operational realities of our clients' assets and deliver hydrological insights that support safe, efficient and buildable solutions.

Agilitus' dedicated hydrology team are skilled in the use of the most up-to-date software and trained in the application of the latest tools and hydrology methods.

The team prides itself on providing site-specific, quality and accurate services and advice. Our 'boots-on' leaders are experienced in project delivery, of all scales and many global locations.

Capabilities

- Waterways investigation and design
- Surface water modelling
- Flood risk assessment
- Hydrological and hydraulic
- Water supply and yield studies
- Water balance
- Modelling
- Mine site water management
- Yield assessment studies
- Dam design, dam failure assessment
- Environmental hydrology
- Water quality assessment

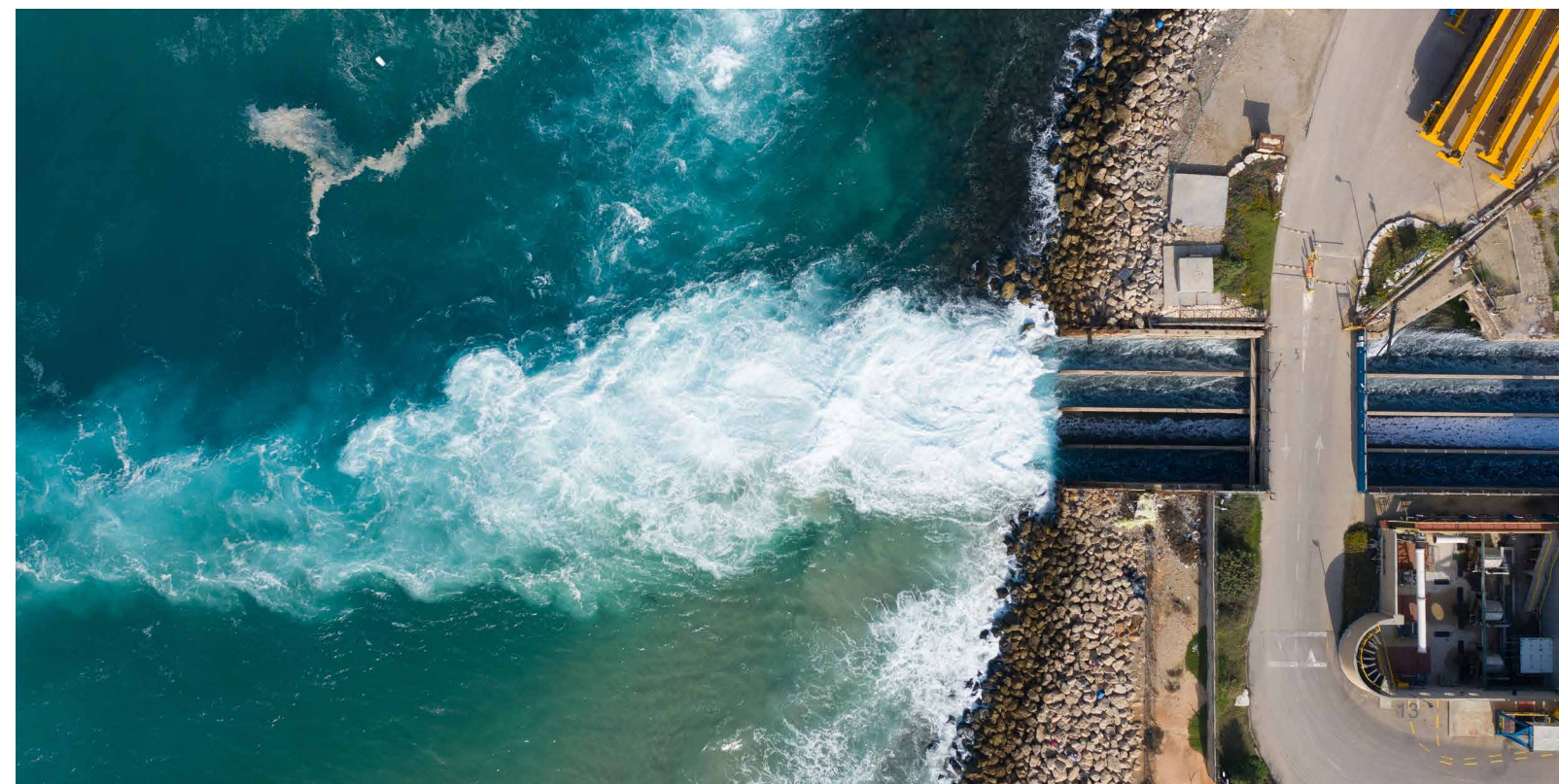
Civil engineering

Our civil engineering team deliver high-impact infrastructure solutions, specialising in complex road, rail, and drainage projects for the resource and public sectors. We combine comprehensive technical expertise with practical construction knowledge to provide safe, sustainable and cost-effective designs.

Our approach is defined by our ability to integrate technical excellence with real-world constraints, delivering infrastructure that meets client and stakeholder needs, while minimising environmental and financial impact.

Capabilities

- Heavy haul road design and upgrades
- Grade separation and highway realignment
- Surface water and drainage
- Constructability and corridor management
- Capital efficiency and risk-based design
- Civil works including bulk earthworks
- Rail and associated infrastructure and systems
- Access roads
- Flood studies and waterways assessments
- Hydrology and flood protection design
- Non-process infrastructure (NPI)
- Heavy haul roads and access roads
- Guide bank and rock protection design and documentation
- Bore field and water supply
- Hydraulic structures and underground services
- Construction phase support



Ground engineering

Our ground engineering team delivers exceptional client service and technical solutions, combining strong technical expertise with proven project management experience.

We balance cutting-edge innovation with a pragmatic approach developed through complex onshore and nearshore projects, working closely with clients to achieve optimal cost, schedule and technical outcomes.

We place strong emphasis on early identification of geological hazards and ground risks, followed by active management throughout the project lifecycle. By developing a clear understanding of subsurface conditions, we deliver robust, reliable geotechnical designs. Our specialists collaborate to plan and execute site investigations, analyse data and develop designs using advanced tools and technologies, while also providing construction support and asset condition assessments.

Numerical modelling is central to our approach, enabling us to solve complex ground–structure interactions and dynamic loading scenarios, particularly in brownfield environments. We also provide integrated tailings and mine waste solutions across the full lifecycle of storage facilities, covering a range of deposition methods and design approaches tailored to site-specific conditions and compliant with relevant industry standards.



Capabilities

Ground investigations

- Foundation design
- Design of shallow footings and piles
- Settlement and groundwater analyses
- Ground improvement design and monitoring
- Back analysis of foundation performance
- Pile driveability studies
- Ground anchor design

Slope stability

- Assessment of existing slopes
- Instrumentation and monitoring
- Risk assessment, quantitative and qualitative
- Slope remediation works design

Nearshore and marine geotechnics

- Offshore drilling, geotechnical investigation
- Design of foundations – piles, mooring points, monopods, dolphins
- Design of retaining structures
- Reclamation, dredging, ground improvement design
- Materials sourcing for breakwaters

Tunnels & retaining structures

- Assessment of deep excavations
- Design of temporary and permanent retaining structures
- Advice during construction, site specific design
- Rock bolting, soil nailing and ground anchors
- Cut and cover tunnel design
- Back analysis of failed structures

Tailings storage facilities

- Pre-feasibility to definitive studies
- Site selection and storage options
- Instrumentation and monitoring
- Geotechnical site investigation
- Tailings characterisation
- Water balance and recovery
- Dam break and inundation studies
- Deposition/stacking modelling
- Independent and annual audits
- Construction management
- Construction quality assurance
- Forensic investigation

Specialist services

- Geohazard / geotechnical risk assessment
- Site selection / high level feasibility assessment
- Forensic geotechnical analysis
- Seismic engineering and liquefaction analysis
- Specifications for earthworks, piling, retaining systems and ground improvement
- Integrated geological / geotechnical assessments
- Construction support
- Asset condition assessment
- Construction material assessment

Ground improvement

- Design surcharge / PVD, vibro compaction, vibro replacement (stone columns), controlled modulus columns, jet grouting, deep soil mixing and dynamic compaction

Stanley Point 3 Port Expansion



Client



Value

\$5.4M

Location

Port Hedland, WA

Duration

2021 – 2024

We have played a key role in the expansion of one of the largest bulk commodities ports in the world, completing three engagements to date.

To support the long-term strategic planning of its existing mine and port infrastructure, Roy Hill commenced the detailed design phase of the proposed Stanley Point 3 Port Expansion Project to increase the current export capacity from 60-64 Mtpa to 102 Mtpa.

Agilitus was engaged to provide a range of multidisciplinary capabilities including civil, structural, mechanical, and electrical engineering.

Concept Engineering Study

We have completed this study and determined optimal solutions for magnetite handling from within the Ridley Development Envelope at Port Hedland, and into the Stanley Point 3 shiploading circuit.

As part of this study, our team provided a detailed assessment of the options including identifying and developing feasible conveying and transport routes. They also undertook a high-level assessment of the proposed assets and identified mitigation measures to prevent issues relating to handling the higher-density product.

Feasibility Study

Further to the Concept Engineering Study, we were asked to complete the Feasibility Study. Our team incorporated sufficient engineering definition (15%) to support a Class 4 cost estimate for a base case integrated stockyard and split yard solution.

Progressive delivery combined with 3DEGlobal's Indian Design Modelling Centre was effectively utilised to facilitate rapid development of the design documentation in an aggressive 16-week schedule to achieve the Financial Investment Decision milestone.

Energy & Power Feasibility Study

Our third engagement on this project helped to determine the overall power and energy demand for the new infrastructure planned for Berth 3.

The Agilitus NetZero in Design approach was integrated throughout the project life cycle to enable Roy Hill to achieve its targets as efficiently as possible.

Engineering design and approvals are now well advanced for the Stanley Point 3 expansion, which will support the rising demand in exports in the coming years for the global energy transition.

White Quartz Road Realignment



agilitus.com

Client

RioTinto

Value

\$2M

Location

Pilbara, WA

Duration

2019 – 2020

We helped to ascertain the safest and most functional route for the realignment of this critical access road.

Located approximately 55 km north-west of Tom Price in the Pilbara region, the White Quartz Road (WQR) is the primary access road to Rio Tinto's Brockman 4, Brockman, Nammuldi and Silvergrass Mines. We completed the Pre-Feasibility Study, providing recommendations for the preferred realignment option and delivering preliminary design including civil, structural and EIC engineering as well as geotechnical support.

The Scope of Works included 5 - 6 km of new sealed access road in total with parts of the new alignment to be staged/deferred to suit mine sequencing, to provide an optimal solution. Considerations included allowing for an unsealed bypass (1 km) track for future oversize loads to drive around the tunnels and cross the haul road at a controlled gated point as well as relocating an existing 33 kV overhead power line currently feeding the B4 ANFO facility and removing the existing 33 kV and 415 kV overhead power located within the future mining areas.

Agilitus provided design, tendering, evaluation, procurement and variation management from the vendors to the Rio Tinto Procurement team, transport logistics and receipt at site for the following packages:

- Mechanical equipment for a new vehicle wash down bay
- Oily water separator packages – Ultraspinn
- Standpipe and sump pump package – Truflow
- Automatic Access gate house equipment – Seme
- Culvert package for civil drainage of road realignment works – Roundel
- Road Safety Barriers – W-Beam Guard rails – Ingal Civil
- Warehouse Kiosk Transformer 100 Kva – Excess Power
- Temporary power supply – 200 Kva Generator and control panel – Aggrekko

We also provided geotechnical engineering support to monitor geotechnical progress of civil works, material suitability and concrete arch foundation preparation.

In addition, we deployed a team of civil, structural and EIC project engineers – as part of the Owner's team – to assist with the delivery of design services to:

- Undertake quality management of civil contractor construction Safety development.
- Manage vendor supplied procurement solutions, including technical clarification with Rio Tinto SMEs and vendor engineers.
- Manage Rio Tinto site stakeholders, requested input into designs around project budgets which equated to managing \$2.5 M of Rio Tinto Procurement.
- Manage the installation of the Telstra fibre optics cable for critical communications.

Abrolhos Overpass



18.1 MLTP Grade Separation FS



agilitus.com

Client



Value

Various

Location

Hamersley Ranges, Pilbara, WA

Duration

2020

We delivered an effective solution to enable autonomous mining access over a live rail network.

Agilitus collaborated with Central Systems to deliver both steel plate and concrete arch structures at Fortescue's Cloudbreak Iron Ore Mine.

The project involved the construction of a concrete arch over a live rail network which provided some unique challenges and additional safety considerations. Significant planning and effort were required to safely complete the project while accommodating regular interruptions of the Fortescue trains.

Full credit is awarded to the entire team and their ability to consider, plan and deliver the project safely. The project was delivered through the COVID-19 lockdown, meaning a significant component of the design was delivered by our teams working remotely.

The highly collaborative nature of the partnership between Fortescue, Central Systems and Agilitus was instrumental in the success of this project.

Client



Value

Undisclosed

Location

Tom Price, WA

Duration

Undisclosed

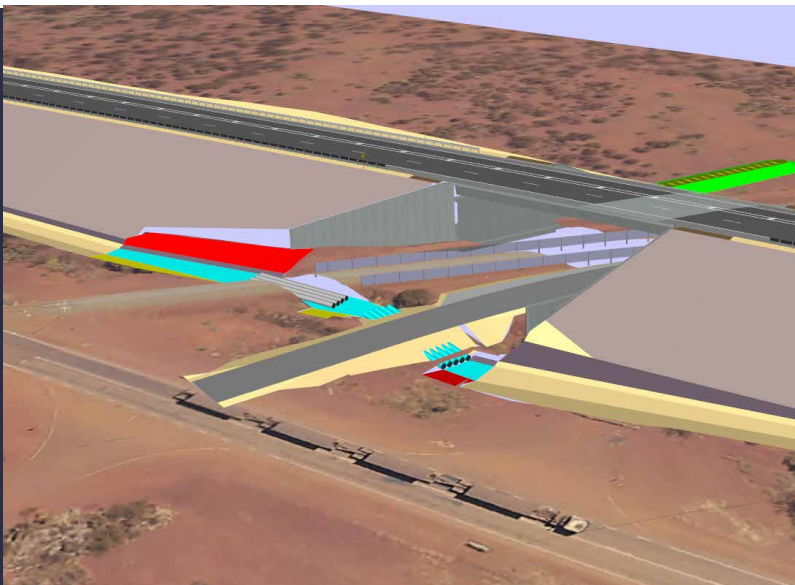
We designed the grade separation for the Tom Price Mainline (MLTP) intersecting with the Northwest Coastal Highway (NWCH) at the existing 18.1 km level crossing.

Our goal was to investigate and develop engineered solutions to eliminate the adverse impacts on road users through the construction of a grade separation over the Rio Tinto rail.

After consulting with Main Roads WA (MRWA) and Rio Tinto stakeholders, we selected a 110 km/h southern alignment as the preferred option for development to the Issued for Construction (IFC) stage. Given the remote location of the proposed grade separation, design considered optimising precast construction to limit concrete construction on site and the availability of suitable fill material.

As NWCH is a MRWA asset, our approach involved comprehensive assessments and close collaboration with MRWA to ensure that all components of the grade separation—roads, bridges, and drainage—comply with regulatory standards.

426 MLLHR Grade Separation FS



Hydrology and Waterways Study for Mine Road Upgrade



agilitus.com

Client
RioTinto

Value
Undisclosed

Location
Pilbara, WA

Duration
Undisclosed

We were engaged to conduct the feasibility study for the 426 Main Line Lang Hancock Railway (MLLHR) which currently crosses the Great Northern Highway (GNH).

Our project team has an established track record in the successful delivery of brownfield and transport projects in the Iron Ore industry and Pilbara Region with demonstrated experience gained through the 18.1 MLTP Grade Separation Feasibility Study. Agilitus has extensive experience in delivering mining and rail grade separated crossings with Main Roads WA assets.

Agilitus is working towards achieving the project objectives, which involve developing design packages to facilitate the tender and construction of the works by Main Roads WA. The aim is to provide a grade separation that ensures safe operation tailored to the surrounding environment and allows for future-proofing.

Agilitus recognises that the realignment of the GNH and grade separation of the MLLHR requires ongoing collaboration with multiple stakeholders and alignment with the MRWA design review process. This consideration has been a key aspect of Agilitus' proposed methodology.

Client
 **Pilbara Minerals**

Value
Undisclosed

Location
Pilbara, WA

Duration
2023 – 2024

We completed a hydrology and waterways assessment of the Pilgangoora Mine Site and Wodgina Mine Access Road, including the conceptual design of floodway crossings.

Following the conceptual design phase, Agilitus' geotechnical and civil engineering teams worked collaboratively with Pilbara Minerals to progress detailed design and site investigations for the delivery of the road upgrade project.

The operation consists of two processing plants – the Pilgan Plant located on the northern side of the Pilgangoora area produces a spodumene concentrate and a tantalite concentrate; the Ngungaju Plant located to the south produces a spodumene concentrate.

The Wodgina Access Road is the main access road to the Pilgangoora Mine Site and is situated approximately 110km south of Port Hedland in Western Australia's Pilbara region.

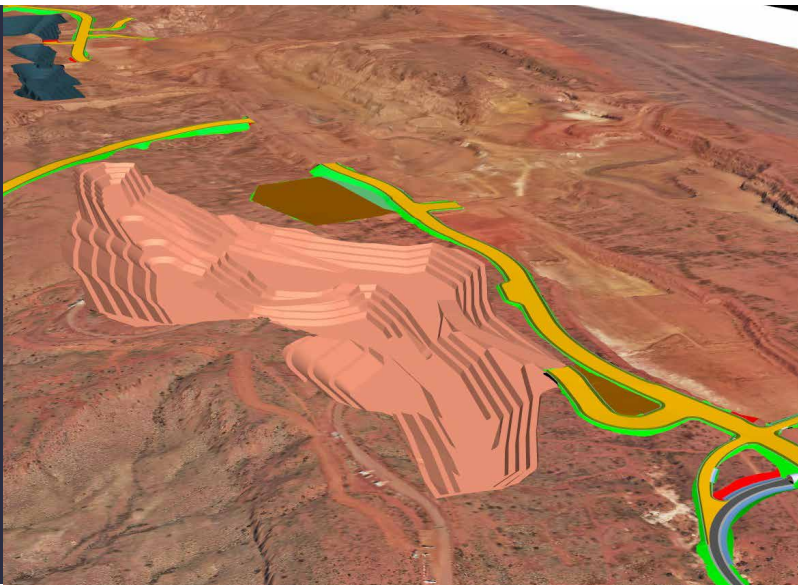
The design scope involves upgrading 24 km of the Wodgina Road to a sealed road to facilitate increased haulage capacity via super quad road trains. This includes 11 major floodway crossings, 12 km of site access and haul roads, and a new intersection at Great Northern Highway.

When complete, the road upgrade will improve the efficiency and safety of transporting critical minerals to Port Hedland to meet the increased demand for resources to enable the global transformation toward clean energy and a sustainable future.

Case studies

Case studies

B4 Marra Mamba Expansion Haul Roads



Client
RioTinto

Value
Undisclosed

Location
Pilbara, WA

Duration
2023 – 2024

Agilitus conducted design and geotechnical studies for the Marra Mamba pit expansion at Brockman 4, optimising haul road alignment and identifying materials to minimise waste.

Agilitus was engaged by Rio Tinto to undertake design studies for the Marra Mamba pit expansion at the Brockman 4 mine in Western Australia’s Pilbara region. This included evaluating haul road alignment options, completing detailed designs, and conducting geotechnical studies for project optimisation.

During the Pre-Feasibility Study, our team assessed alignment options within pit shell constraints, ensuring stakeholder input to minimise ore sterilisation. The optimal alignment was then carried through to detailed design, with support provided for implementation.

To complement the design study, Agilitus conducted a geotechnical study which identified overburden material from pre-mined areas suitable for haul road construction, minimising waste. Test pitting also revealed rock horizons, allowing design refinements that reduced rock cuttings. The benefits of the geotechnical investigation extend beyond this project, identifying borrow material that can be utilised for future projects within Brockman 4.

Marble Bar Road Detailed Design



Client
ROY HILL

Value
Undisclosed

Location
Nullagine, WA

Duration
2023 - present

Our civil team successfully negotiated a fit-for-purpose set of design criteria with Main Roads WA to ensure construction costs remained within budget.

Following our completion of Roy Hill’s Marble Bar Road Pre-Feasibility Cost Study, we were engaged to deliver the detailed design for the upgrade of 100 km of road suitable for haulage of iron ore by quad road trains between the McPhee Creek Deposit and the existing Roy Hill Mine.

The cost study involved comparing the expense of upgrading Marble Bar Road to Main Roads WA (MRWA) design standards versus those of Roy Hill.

Agilitus worked closely with MRWA and Roy Hill on the project, in particular at the town of Nullagine, where the alignment is constrained by hydrology, terrain, heritage and ethnographic sites.

The existing Marble Bar Road was re-designed over a total length of approximately 14 km in order to bypass the Roy Hill Mine Site.

B4B2 Haul Road



Client
RioTinto

Value
\$2.5M

Location
Pilbara, WA

Duration
Undisclosed

We delivered the Feasibility Study and Detailed Design for a dedicated road train haul road and associated infrastructure to connect Brockman 4 to Brockman 2 Operations.

The Brockman 4 to Brockman 2 ore transport road provides a strategic link to connect the two operations.

The 25 km long dedicated road is designed transport 10 Mtpa of low-grade iron ore between the two mines for blending into a higher quality product.

Ore from Brockman 4 is loaded onto 300t road trains for transport to Brockman 2 via the B4 Skyways Transfer Pad. Featuring low level floodway crossings, the road has been designed to minimise impact on existing infrastructure and heritage sites.

You're in good company

We work alongside many notable companies across Australia.



Technical excellence

We are passionate about leveraging our technical ingenuity to solve complex problems.

Technical excellence is the bedrock of our business. It drives our people and propels the outcomes we provide for clients, communities, asset owners and operators, and financiers.

Our dedicated professionals and subject matter experts focus on understanding our clients' business objectives, their desired project outcomes, as well as the latest industry research for the sectors in which we operate.

A premium client experience

The success of our project work depends on leveraging the best expertise of our people. That's why we allocate the most qualified professionals to help realise our clients' development vision and bring their projects to life.

Our work is underpinned by strong engineering design principles, industry-leading technology and pragmatic advice to deliver exceptional outcomes, every time.

This approach provides the following benefits:

- Ease of understanding of regulatory frameworks
- Efficient navigation through the development approvals process
- Protection and preservation of our cultural heritage, the environment and waterways
- Healthy, transparent and trusted relationships are established with stakeholder groups
- Respectful liaison with Traditional Owners is undertaken
- Fair and equitable outcomes are achieved for First Nations' communities
- Project knowledge is retained, including lessons learned
- Innovation is embraced and deployed.

The quality and excellence of our world and ability to deliver the best technical and cost-effective solutions for our clients is guided by our Technical Leadership Team.

Technical Leadership Team

Led by the most senior members of our business, this team facilitates learning and knowledge transfer, professional collaboration and mentorship to drive continuous excellence in our technical capabilities. It also encourages our people to perform to high technical standards and rewards staff for incorporating innovation into projects.

Our dedicated professionals and subject matter experts focus on understanding our clients' business objectives, their desired project outcomes, as well as the latest industry research for the sectors in which we operate.



Safety is at the heart of our business

Our diverse and culturally aware teams embrace safe work practices that are environmentally sound.

Safety is integral to everything we do at Agilitus. We care about our people, clients, and the communities in which we operate, and strive for zero harm in everything we do.

Health, safety and quality are embedded in our work practices, while heritage and sustainability are considered throughout the entire project life cycle.

We recognise the importance of continuously reviewing safety in design issues at all stages of a project, from investigation, design, construction, operation (including maintenance), closure and rehabilitation.

Exceeding regulatory obligations, we leverage a formalised Health, Safety, Environment and Quality Management framework that allows us to analyse and implement practical measures to mitigate risks.



Leadership

- Understanding of client needs
- Technical Leadership Team governance
- Strong chartered presence
- Adherence to technical standards & regulatory instruments
- Committed to technical excellence
- Striving for low-carbon impacts



Systems

- ISO Accredited Quality Management System (QMS)
- Design assurance
- Engineering verification procedures
- Safety in Design
- Net Zero in Design
- Risk mitigation & management
- Project governance (action tracking, monitoring, performance and auditing)
- Continuous improvement (lessons learnt)



Characteristics

- Client centric
- Risk adverse
- Reliable
- Accountable
- Innovative
- Simplification
- Community and culture

Our vision is to be the most sought-after global multidiscipline engineering business; attracting and employing the best people with like-minded values while working on projects that make a difference to our communities.

We are **Engineering Amplified**

Let's talk about your project

Head office Perth

Level 10, 240 St Georges Terrace
Perth WA 6000
+61 8 6375 9100

Project office Perth

Level 3, 168 St Georges Terrace
Perth WA 6000
+61 8 6375 9100

Mandurah

Level 2, 55 Sutton Street
Mandurah WA 6210
+61 8 6375 9100

Townsville

6 Cottell Street
Hyde Park QLD 4812
+61 7 3549 5000

Brisbane

Level 13, 333 Ann Street
Brisbane QLD 4000
+61 7 3549 5000

Newcastle

Suite 2 Level 3 175 Scott Street
Newcastle NSW 2300
+61 2 4091 2700



 agilitus.com

 info@agilitus.com

