

HIWAY



Partnering to advance a more balanced and sustainable, carbon conscious transport network for all.

Our roads, railways and runways connect us. They connect us to our great outdoors and our way of life. Across great distances they sustain families, friendships and businesses – whole communities.

But at a time when we are starting to see and feel the impact of climate change, sustaining our communities relies, crucially, on sustaining our environment. It is this thinking that drives our innovative approach.

HIWAY is a specialist partner in Australasia's pavements sector. We bring over 35 years of scientific research and technical expertise to low-carbon pavement engineering. Through in-situ recycling, reuse and enhancement of existing materials, we substantially reduce emissions, extracting less from the environment and minimising disruption and cost.

By working together, we can advance a more balanced, sustainable and carbon-conscious transport network.

Our communities deserve it. Our environment depends on it.

Where Technical Excellence & Innovation Converge

At HIWAY, technical excellence forms the bedrock of our business, ensuring every project is carried out with unparalleled precision, safety and quality. HIWAY has a professional services division with highly experienced, chartered pavement and geotechnical design engineers who work collaboratively with industry. By seeking early engagement with clients to support their project goals, whilst ensuring technical performance, results are unsurpassed.

Our unwavering commitment to sustainable infrastructure development involves conducting extensive research and development. By adhering to rigorous industry standards and continuously validating our methodologies to meet the dynamic needs of our clients, HIWAY specialises in delivering bespoke solutions.

We adopt a thorough and systematic approach in every aspect of our work, whereby four decades of technical excellence guide our strategic based solutions during the design and pre-construction phase. As a result, we deliver optioneering of exceptional budgetary value while also taking safety, scheduling, quality and carbon- zero outcomes into account at all touchpoints.

Our ability to plan, predict and prioritise allows our team of experts to solve problems and mitigate risks before they occur. We do not seek to fully eliminate risk, which can be unnecessarily costly, rather we identify, quantify and manage with design optioneering. Our design process is based upon best practice modelling considering decades of calibrating laboratory to field



dependable performance. This proactive approach ensures that potential roadblocks are addressed early on, safeguarding the integrity and success of each project.

Working closely and collaboratively with customers, regulators and asset owners, we are continually researching, evolving and reviewing to develop efficient solutions that prove environmentally-superior and economically beneficial in comparison to other pavement solutions.

HIWAY's dedication to sustainability and environmental stewardship drives us to implement innovative solutions that minimise our ecological footprint – for every client, every project, and every industry. By focusing on sustainable practices and reducing carbon emissions, we not only aim to protect the environment but also deliver high-performing, cost-effective, climate resilient infrastructure that benefits our clients and the communities we serve.

With HIWAY, you can trust that technical excellence is at the heart of everything we do, ensuring the success and sustainability of your projects.

CORE COMPETENCIES

Solutions That Work

As the largest and most respected specialist of insitu stabilisation and recycling in Australasia, HIWAY's sustainable pavement solutions deliver high performing pavements with significant time and cost savings compared to traditional road construction and rehabilitation methods.

As the only contractor providing comprehensive in-house design and project management, clients are confident with the knowledge and understanding that from initial concept, through design and installation, HIWAY continually deliver tailored solutions that work.

The team's expertise spans subgrade recycling, reuse and fill drying for significantly faster construction times as well as, subbase and basecourse recycling for cost effective eco-friendly new pavement construction and existing pavement rehabilitation. Our Foamed Bitumen Recycling (FBR) and Plant Mixed Foam Bitumen (PMFB) solutions are critical for construction and restoration following damaging wet weather events.

Aggregate modification is a quick and cost effective option that can also be used to strengthen existing pavements with minimal disruption.

While HIWAY's moisture conditioning services dry large volumes of wet optimum soils or equally enhance moisture in dry soils, our experience in contamination remediation lies in chemically fixating and encapsulating materials, to prevent leaching and removal to landfill.

Through our highly talented team of experts specialising in roads, rail, airports, renewables, mining, and contamination remediation HIWAY has transformed the industry with high performing, resilient, carbon neutral pavement solutions.

HIWAY's solutions based approach, passion for collaboration and demonstrated technical excellence will continue to drive a more balanced, sustainable and carbon conscious transport network for decades to come.

HIWAY



Accreditations

AustStab / ARRB Accredited Contractors for in-situ and plant-mixed stabilisation

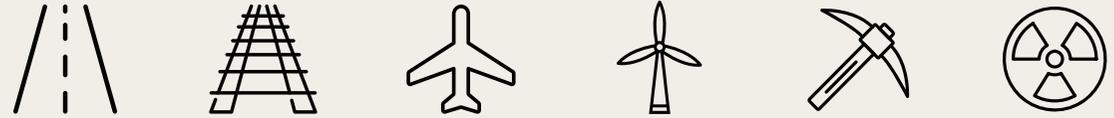
Austroads' National Prequalification Scheme R2 F50

AustStab/NTRO Accredited Contractor for in-situ and plant-mixed stabilisation

TfNSW (Transport for NSW) Registered for Z1 and Z2 production



Sustainable Solutions Across Industries



Roads

We pride ourselves on providing low carbon, recycling & reuse solutions that enhance resilience for a superior pavement performance. Our products and services have a wide range of applications across the roads sector. From new build, greenfield, to road maintenance solutions across all parts of urban, regional and rural areas, HIWAY are experienced at servicing both state and council road networks.

Rail

The use of insitu-materials improvement is common practice in construction to improve foundation conditions, especially when building railways. Depending upon soil material properties and laboratory testing, the stabilisation agent can include lime, cement, slag/lime blends and even foamed bitumen. At HIWAY we have specialist teams who can advise and recommend the correct product binder to use.

Renewables

Unlike other pavements, HIWAY understands renewable sites, especially wind and solar, need a pavement constructed for heavy vehicle access as well as a lighter pavement for ongoing maintenance. We specialise in bespoke solutions to service the specific needs of the renewable industry. Our purpose built fleet, designed specifically for challenging environments, supported by our methodologies developed over numerous windfarm contracts, has seen us successfully work in gradients in excess of 20%.

Mining

Our ability to service mine sites is multi-faceted. We have the capability to provide design, construction and maintenance services to both the light vehicle and heavy vehicle networks. A well built and maintained haul road will enable haul trucks to operate safely and efficiently. Advantages include; pavement improvement, reduced truck operating costs, dust suppression and mitigation as well as a series of low carbon solutions supporting the industry to carbon zero production.

Ports & Airports

The heavy-duty nature of port and airport pavements, as well as the potential for contaminated land, provides a perfect platform for HIWAY to deliver both economic and sustainability benefits from our products and installation techniques. We understand the time sensitive nature of these critical infrastructure projects and deliver solutions that minimise construction time and improve the longevity of the asset.

Contamination Remediation

Contaminated land and urban renewal projects presents significant challenges. It is critical for our communities and environment we progress with the more cost effective process of chemical fixation and encapsulation to create a quality pavement that prevents leaching, rather than traditional excavation and removal to landfill. We offer solutions for PFAS, hydrocarbon, heavy metals and asbestos encapsulation offering both environmental and community benefits.

DELIVERING BETTER SOLUTIONS



Better Solutions Today, For Tomorrow

HIWAY's commitment to excellence extends beyond conventional approaches. We strive to deliver better solutions that exceed our clients' expectations, even in the most challenging situations. Our company culture fosters a solution-based approach, encouraging lateral thinking and innovative problem-solving.

Engineering Excellence

Equipped with state-of-the-art, purpose-built machinery, HIWAY achieve impressive results that allow us to tackle challenging sites with difficult terrain and complex geological conditions with confidence.

Our expansive fleet execute advanced recycling solutions to maximise the use of onsite materials and minimise the importation of quarried virgin materials across all industry sectors. The result is infrastructure solutions of increased strength and durability, even in the most demanding of environments.

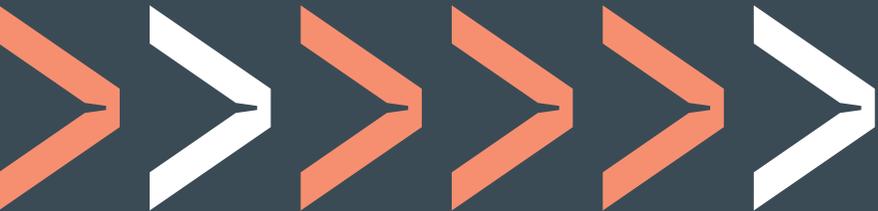
Groundbreaking Methodologies

At HIWAY we offer clients access to world-class methodologies delivered by our highly experienced local experts. Our innovation and expertise in end to end design and project management means we have the knowledge, resources and commitment to tackle a diverse range of project challenges consistently delivering high quality, resilient pavement solutions.

Our People

One of the keys to our success lies in our commitment to our most valuable asset, our people. Our hardworking team consists of technical leaders in the fields of recycling, reuse, and soil improvement. We invest in our employees, providing them with opportunities to learn, grow, and excel. By nurturing talent and fostering a culture of continuous improvement, we ensure that our team remains at the forefront of industry innovation.

At HIWAY, the wellbeing of our people is paramount. Every day, we actively embrace and practice our core values of Pride, Respect, Honesty, and Drive – crafted by the team. Therefore, it is no surprise that HIWAY was awarded Employer of Choice in The Australian Business Awards in 2022.



HIWAY

Fuelling Innovation

At HIWAY, our commitment to excellence begins with our dedication to research and development (R&D). For nearly four decades, R&D has been the cornerstone of our operations, driving innovation, pushing boundaries and shaping the future of our sustainable infrastructure solutions.

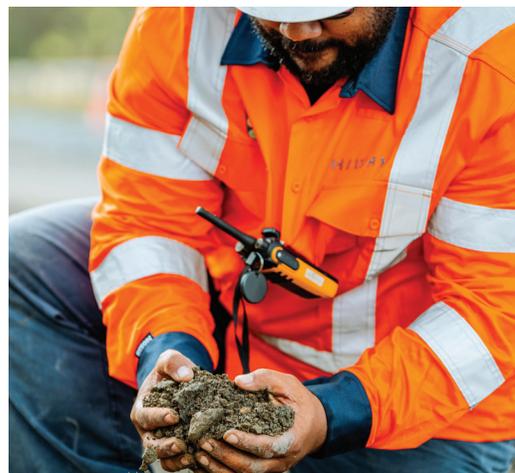
With the introduction of the groundbreaking HIWAY Masters Range, a stable of customised, bespoke machinery and products HIWAY are poised to revolutionise the industry.

Leading the charge is **MasterCarb A**, a world first cold in-situ recycled pavement solution with a carbon negative outcome. Developed in conjunction with research partner C-Twelve, **MasterCarb A** reduces construction time and is more cost effective than traditional methods, as well as outperforming with increased strength and durability. **MasterDust** is a cost-effective solution that maintains the structure and integrity of unsealed roads, locking down dust to improve driving conditions and air quality.

Through the HIWAY Masters Range, we are continuing to drive change with better, more innovative, solutions for our customers and the communities we serve.



With a solutions-based approach, a passion for collaboration, and demonstrated technical excellence in our field, **we're looking forward to a greener, safer future.**



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Our environment depends on it.

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