



HIWAY

Innovation specialists
in sustainable rail
infrastructure
development.

WE'RE PAVING THE WAY FOR RAIL





As a global leader in sustainable pavement solutions, HIWAY brings nearly four decades of scientific research and technical expertise to enhance every rail project.

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

HIWAY is a specialist partner in Australasia's transport sector, bringing nearly 40 years of scientific research and technical expertise to low-carbon pavement engineering.

When it comes to the rail sector, HIWAY delivers enhanced rail infrastructure with improved strength and durability through advanced stabilisation techniques. For those challenging sites, we deliver solutions that immobilise contaminated materials & increase reuse & recycling thus driving a low carbon outcome. We specialise in sub-grade, sub-ballast, and base course modification using innovative solutions that provide significant improvement to sub-last foundations and pavement strength.

With a commitment to innovation and excellence and unequalled recycling experience and process methodologies, HIWAY continues to lead the way in sustainable rail infrastructure.

HIWAY. Where rail innovation meets performance excellence

HIWAY's team of highly skilled technical engineers specialise in matching innovative binders with existing sub-grade materials. As pavement solution experts, we optimise structural outcomes with our in-house design service and innovative reuse and recycling processes.

Moisture sensitivity of the below ballast layers as well as drainage maintenance, is a key issue for rail asset owners. HIWAY provides solutions that reduce the need for drainage whilst eliminating moisture sensitivity of the rail pavement. This eliminates soft spots and track deformation, ensuring a higher quality outcome with a more resilient pavement whilst also providing significant cost savings.

- Optimise time and cost efficiencies
- Robust pavement solutions
- Reduce carbon emissions
- Maximise recycling opportunities

Regardless of your needs, unique terrain requirements or timelines, our team is passionate about delivering high quality, resilient and cost-effective solutions, with sustainability in mind.

As a leader of sustainable pavement solutions both in Australia and New Zealand, and the second largest globally, it is really HIWAY's enviable track record and industry reputation that best demonstrates our commitment to innovation and performance within the rail sector.

Paving the way in rail

With every rail project comes unique complexities and environmental know-how.

Combining our extensive knowledge with market-leading research and technology, HIWAY ensures high quality, sustainable rail solutions that can be delivered with significant time and cost savings compared to traditional methods.

Our state-of-the-art fleet is ideally suited to rail corridor works, we are committed to minimising community disruptions and take exhaustive measures to ensure seamless operations and judicious delivery.

The team are highly experienced at delivering superior sub-ballast material solutions for better load distribution and protection against high stresses and strains, while providing moisture resilience. Continuing the excellence in rail is our ability to reduce environmental impact through onsite material recycling and chemically fixating any potential contaminants in the rail corridor.

As always, HIWAY is committed to every project we undertake. From concept to completion, our local experts provide comprehensive design and project management services, ensuring you have a single point of contact for all project requirements. Our impressive track record reflects our dedication to excellence and high performance.



Experienced in driving change

Whether you're working on complete rail development, revamping an existing rail or require rail maintenance, HIWAY has delivered high quality sustainable solutions on some of Australia and New Zealand's most complicated rail sites.

At HIWAY we understand the complexities of rail, where our extensive experience in managing both large scale projects and short term intensive occupations with scaled resourcing to deliver first rate results while maximising reuse of existing materials to minimise or eliminate importation of new aggregate materials.

From rail maintenance and ancillary pavement works through to major infrastructure projects for government bodies including ARTC and Kiwi Rail, HIWAY promises to deliver robust, hard wearing, base, sub-ballast, capping layer or sub-grade solutions while substantially reducing emissions, time disruption and cost.

HIWAY

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

info@hiway.au

info@hiway.nz

hiway.au

Our communities deserve it.
Our environment depends on it.

HIWAY is the largest innovation specialist in sustainable pavement and road recycling in Australasia.



Printed on 100% recycled paper