



HIWAY

Leading the way in sustainable site preparation

SPECIALISING IN OPTIMISED
COMMERCIAL FOUNDATIONS





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

HIWAY is a specialist partner in Australasia's paving ecology. Recently rebranding and bringing our subsidiaries under the one HIWAY umbrella, we bring nearly 40 years of research and development to low-carbon pavement engineering and commercial slab optimisation. Through in-situ recycling, reuse and enhancement of existing materials, we substantially reduce emissions, extracting less from the environment, saving time and reducing cost.

Commercial construction demands robust, resilient ground support to handle heavy construction traffic and adverse weather, particularly during critical build phases. Our innovative methods for fill drying, ground improvement, and advanced sub-grade reinforcement allow projects to proceed efficiently, optimise slab thickness and reduce the use of imported materials through in-situ recycling. By using sustainable, resource-saving techniques, we provide commercial clients with reliable, all-weather platforms built to keep construction moving while minimising disruption and cost.

HIWAY. Where innovation builds resilience

At HIWAY, we deliver advanced, sustainable solutions that support reliable, long-lasting commercial and residential foundations.

Through innovative sub-grade stabilisation and ground improvement methods, we enhance the load-bearing capacity of on-site materials and keep construction timelines on track.

With HIWAY's expertise, commercial sites benefit from increased resilience, improved project efficiency, and reduced environmental impact – delivering results that meet the rigorous demands of modern commercial construction.

Minimise reliance on imported materials

Enhance build time efficiencies

Reduce carbon emissions

Mitigates costs from weather impact

From the beginning, HIWAY's approach has been a collaborative one. For decades we have worked as a team, in consultation with clients, where our experience, purpose-built fleet and unique approach deliver the best possible commercial outcomes.

As a leader in sustainable pavement solutions across Australasia, 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 commercial sector.

Strengthening, stabilising and optimising commercial sites

Our team of experts understand the unique complexities of every commercial project. Commercial sites often face challenges such as unstable ground conditions and water retention issues, leading to delays, costly ground preparation and potential structural compromises.

By combining our extensive experience with cutting-edge technology and plant equipment, HIWAY is able to adapt specific binder blends to offer tailored solutions for sub-grade stabilisation and ground improvement, transforming weak or moisture-prone ground into stable, durable building platforms.

At HIWAY, we are committed to platform optimisation. With technologies that allow for a reduction in sub-grade excavation of up to 50%, we provide significant cost savings in time and aggregate importation costs. This also imparts significant strength gain in the lower layers that provides the potential for steel savings in the slab mesh. Whether the existing, in-situ ground conditions were poor, or the project is faced with adverse weather, our commercial sites benefit from unimpeded constructibility due to the stable, sustainable foundation.

Proven expertise in commercial infrastructure

At HIWAY, our investment in purpose-built, computer-controlled blending plants and proprietary stabilising products allows successful treatment of almost all existing ground materials as determined by pre-construction testing. Along with sub-grade stabilisation and aggregate modification we also provide fill drying and subbase improvement.

A prime example of our success is the construction of Foodstuff's new distribution centre in Auckland, New Zealand (North Island). Spanning over 75,000m², this project exemplified our ability to manage construction amidst adverse weather conditions. By implementing our state-of-the-art sub-grade stabilisation techniques, we enhanced the site's resilience, allowing work to proceed uninterrupted even during challenging weather patterns typical of the North Island.

Our tailored approach not only accelerates construction schedules but also mitigates the risks associated with traditional construction methods. By optimising existing ground conditions, we create safe, robust building platforms that support efficient operations.

HIWAY

By working together, we deliver stronger
and more sustainable commercial infrastructure.

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Our communities deserve it.
Our environment depends on it.

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



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