



Project Location

205 Longueville Road, Lane Cove,
NSW

Client

Public School

Commencement Year

2025

Completion Year

2025

Overview

SCE delivered a permanent structural remediation solution at the Lane Cove school, integrating site investigation, engineered bracing, beams and fixings, temporary support and sewer replacement. Structural engineers designed and certified the permanent bracing system, and SCE coordinated installation, construction supervision, safety, quality assurance and site restoration. The works replaced damaged sewer pipe and the boundary trap beneath the demountable building, reinstated the surrounding area and provided a durable structural repair.

Outcomes

Safety and Environment

The works were coordinated within an active school environment, with the construction activities staged to maintain separation from school operations and manage access to the work area. Temporary support was implemented before the affected structural elements were repaired, supporting the safe execution of the remedial works.

Quality

The project incorporated controlled investigation, temporary support, permanent structural repairs, sewer replacement, backfilling, and reinstatement. The works were coordinated as a staged remedial process to address the affected structural elements and restore the surrounding area.

Project Scope

- ✓ A detailed site investigation was undertaken to assess existing conditions. Structural engineers designed and certified permanent bracing solutions in accordance with relevant codes and standards.
- ✓ Qualified structural engineers designed a permanent bracing system tailored to site conditions and structural requirements, ensuring long-term stability.
- ✓ Works began with site mobilisation, including delivery of materials, installation of temporary fencing or barriers, and setup of required tools and equipment.
- ✓ Approximately 5 lineal metres of damaged 150mm vitrified clay sewer pipe and the existing boundary trap beneath a demountable school building were manually excavated, removed, and replaced with new 150mm DWV pipe and boundary trap. Connections were made to the existing upstream and downstream drainage systems, followed by approved backfilling and compaction.
- ✓ Skilled labourers and a dedicated site supervisor managed the physical works, ensuring safety, quality, and adherence to specifications.
- ✓ A construction management team coordinated all phases of the project, including logistics, safety, compliance, and quality assurance.
- ✓ Upon completion, the site was demobilised and thoroughly cleaned, with all debris and waste materials removed in accordance with industry best practices.

Timeframe

The remedial works were delivered in 2025. SCE staged construction around school operations, coordinating structural repairs, sewer replacement and reinstatement.

Regular Progress Updates

Project progress was documented through project-specific photography showing the affected area, structural remedial works, and completed repairs. The works were progressed through the documented sequence from investigation and temporary support through permanent repair, service replacement, and reinstatement.

Project Monitoring

The project was monitored throughout the remedial sequence, including investigation, temporary support, permanent structural repair, sewer replacement, backfilling, and reinstatement. Construction activities were coordinated around the active school environment and the required staging of the works.





