

NORMANBY TRAIN WASH FACILITY UPGRADE

Degnan delivered the upgrade of Queensland Rail's Normanby Train Wash Facility while maintaining uninterrupted operations throughout construction.



SECTOR

Transport Infrastructure

LOCATION

Normanby, QLD
Meanjin, Turrbal Country

CLIENT

Queensland Rail

PROJECT COMPLETION

March 2024

PROJECT VALUE

\$8.3M (approximate)

DELIVERY MODEL

Design & Construct

Located on the Exhibition Loop between Roma Street Station and the Mayne Stabling Yard, the Normanby Train Wash Facility services Queensland Rail's train fleet. Positioned within one of Brisbane's busiest rail corridors, the facility plays an important role in supporting daily network operations. Delivered under a Design and Construct contract, the upgrade enhanced the facility through civil, structural, building and services works. Careful planning and coordination enabled construction to be completed safely within a live rail environment, ensuring the facility remained operational throughout every stage of the project.

KEY OUTCOMES

- Constructed a new retaining walls to improve site access and parking.
- Delivered a building extension, including new external amenities and raised walkways to increase operational space and improve accessibility.
- Completed external and internal building remedial works.
- Upgraded the wash bay.
- Delivered internal upgrades to the control room, security systems and fire services.
- Constructed a new water treatment plant bunded area while maintaining the existing treatment system in operation before safely decommissioning it.
- Completed major civil works, including access ways, fencing, loading dock extensions and service relocations and upgrades.

CHALLENGES OVERCOME

- Worked within an operational rail corridor adjacent to Brisbane's busy Inner City Bypass.
- Maintained uninterrupted operation of the train wash facility throughout construction. Completed almost 100 pile excavations in a constrained site environment.
- Constructed retaining wall structures while managing live rail interface risks.
- Planned and coordinated works to ensure safe delivery with minimal disruption to operations.