

TOWRADGI STATION UPGRADE

Enhancing accessibility and customer connectivity while delivering innovative sustainability outcomes and celebrating the stories, culture and Country of the Saltwater Wodi Wodi people



SECTOR

Rail

LOCATION

Towradgi, NSW
Wodi Wodi Dharawal
Country

CLIENT

Transport for NSW

PROJECT COMPLETION

May 2023

PROJECT VALUE

\$12M (approximate)

DELIVERY MODEL

Design & Construct

Sustainability

Finalist 2024 Banksia
Foundation Placemaking

Delivered as part of Transport for NSW's station accessibility program, the Towradgi Station Upgrade improved accessibility, customer amenity and connectivity through the delivery of a new footbridge, lifts, upgraded station facilities and enhanced public spaces. The project combined modern rail infrastructure with locally informed cultural design outcomes developed in collaboration with Aboriginal stakeholders and the community.

KEY OUTCOMES

- Delivered a new footbridge with lifts connecting station platforms.
- Improved accessibility, customer connectivity and weather protection throughout the station precinct.
- Enhanced landscaping and station precinct to improve the customer experience.
- Collaborated with local Aboriginal organisations including the Illawarra Aboriginal Lands Council and Coomaditchie to embed authentic cultural connections within the station design.
- Prioritised low-carbon and recycled materials including SCM concrete, recycled masonry and reclaimed asphalt pavement.
- Australian-first Infrastructure Sustainability Council verified foamed concrete cladding panels installed.

CHALLENGES OVERCOME

- Delivered significant accessibility upgrades within an operational rail environment.
- Managed project delivery and stakeholder coordination through COVID-19 restrictions and periods of industrial action.)
- Balanced operational requirements with meaningful cultural design outcomes informed by local Aboriginal stakeholders.
- Coordinated multiple project partners, including Transport for NSW, the University of Wollongong, Aboriginal organisations, suppliers and specialist subcontractors.
- Delivered innovative sustainability outcomes through the implementation of Australian-first low-carbon construction materials and recycled content.