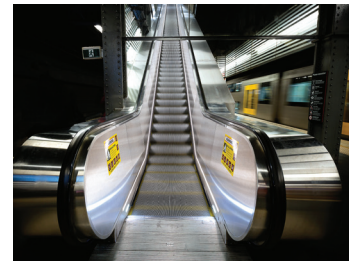


TOWN HALL ESCALATOR UPGRADES

Across two separate project scopes, Degnan replaced four ageing escalators at Sydney's Town Hall Station, renewing critical vertical transport infrastructure within one of the city's busiest and most constrained underground rail environments.



SECTOR

Rail

LOCATION

Sydney CBD
Gadigal Country

CLIENT

Sydney Trains

PROJECT COMPLETION

November 2017
December 2023

PROJECT VALUE

\$7.3M +(approximate)

DELIVERY MODEL

Construct

The works included the replacement of heritage Escalators 1 and 2, followed by Escalators 3 and 4 servicing the lower-level platforms. Delivered within a live operational environment, both projects maintained passenger access, station operations and train services throughout construction. The successful delivery of Escalators 1 and 2 contributed to Degnan's subsequent engagement to replace Escalators 3 and 4, reinforcing our specialist expertise in deliverinhg in operational rail environments.

KEY OUTCOMES

- Four ageing escalators replaced; including Heritage Escalators 1 and 2 carefully removed for restoration and future display
- Two approximately 30-metre extra heavy-duty escalators installed
- Improved transport reliability, accessibility and station functionality
- Safe passenger circulation maintained throughout construction
- Train services and station operations protected during delivery
- Associated structural, mechanical, fire safety and building fit-out works completed
- Ticketing, passenger information, CCTV and other station services integrated
- Heritage components retained

CHALLENGES OVERCOME

- Delivering escalator replacements within a constrained underground station environment
- Safely removing and installing escalators within restricted work areas
- Transporting approximately 100 tonnes of equipment during nightly closures
- Maintaining station operations, train services and customer access throughout construction
- Managing high passenger volumes while maintaining safe pedestrian circulation
- Planning works around restricted access windows and operational requirements
- Coordinating multiple stakeholders, station personnel and rail operations
- Replacing heritage timber escalators while preserving rail heritage