



Location	Sydney, NSW
Client	Roads and Traffic Authority
Role	O&M Contractor
Scale	\$14m
Timing	2007 - 2016



The challenge

The North West Transitway, running from Rouse Hill to Parramatta in Sydney's western suburbs, consists of: ~

- a 25 km of dedicated Bus link,
- 58 Bus Stations,
- pedestrians and cyclists can enjoy using the shared paths that run alongside the T-way,
- eight kilometres of Noise Walls shielding local residents,
- two Heritage listed areas,
- Two Park & Ride facilities with a total of 400 car spaces,
- five Road Bridges,
- three pedestrian / cycle bridges,

- major underpass; and
- 37.5 Ha. of landscaped areas.

Leighton Investment and Facility Management (LIFM) was awarded the maintenance contract in 2007, which includes all scheduled, preventative and specific maintenance plus ongoing inspections of all assets.

General Condition Inspections are carried out on a daily basis with Formal Safety Inspections being carried out twice weekly. There is constant ongoing monitoring of the T Way to ensure ongoing asset performance, optimal asset service life and that the facility is safe for use by the public from day to day.



Innovation

Since opening to the general public the bus stations shelters have suffered constant vandalism, including the destruction of glass panels which shield bus patrons from the weather. As part of tackling this problem, LIFM has sought replacement materials which can withstand vandalism, yet suffice RTA's aesthetic requirements. This has led to a recommendation to RTA to use customised polycarbonate panels with protective film coating.

Budget

The project has successfully run within budget and performance requirements since contract commencement.

Quality

The maintenance contract and Leighton's own management systems and standards require ongoing auditing and adherence with ISO9001:2004, AS4801 & ISO14001. These are undertaken to ensure the ongoing highest level of performance from this long term operational project.

Safety

Workplace health and safety is a primary consideration in the planning and organisation of maintenance on the T-Way. The policy of LIFM's Transitway team is to conduct its activities in a safe manner, maintaining a priority to the health and well being of employees, subcontractors and others, including members of the public.

All activities undertaken as part of the project are risk assessed and safe work method statements documented and approved before any work is carried out.

Stakeholder Management

As part of managing the ongoing relationship with the client (RTA), LIFM has formed a working group with the RTA to monitor ongoing operations and maintenance performance for the project. This group collaboratively undertakes asset inspections to ensure alignment of expectations, and monitor asset performance from a client, contractor and user perspective.

Programme

Routine, preventative and specific maintenance is strictly programmed on the Transitway in accordance with RTA standards and best practice. Work is tracked and managed through a class leading asset management system, which enables personnel to capture and review asset data using mobile PDA devices. All data captured is immediately processed providing faster corrective action response times.

Referees

Craig Murray

Transitway Operation and Maintenance Unit Manager, RTA