

# SWAN STREET BRIDGE UPGRADE CONSTRUCTABILITY & CONTRACT MANAGEMENT ADVICE



## The Client



## The Project

The \$60m upgrade of the Swan Street Bridge is primarily focused on improving road traffic congestion and increasing pedestrian safety.

Works included:

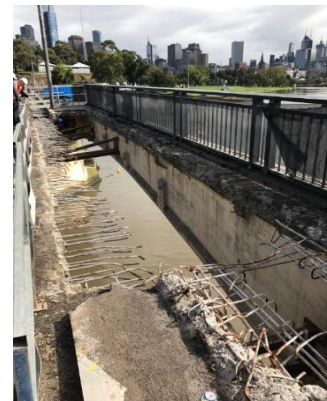
- Staging and sequencing of demolition and replacement of external beams.
- Temporary works to ensure stability of the structure during demolition and construction activities.

## The Challenge

- Maintaining safe traffic on the bridge, waterways and bike paths during significant reconstruction works.

## The Outcome

- Improve through put efficiency for vehicles by adding additional eastbound lane to prevent illegal manoeuvres
- Upgrade current bridge design life and balancing needs of all road users – by strengthening & separating critical road, pedestrian and cyclist movements and
- Fully separate pedestrian and cyclists from vehicles and commuters – by providing 4m wide shared user paths to each side of the bridge.



*'experience makes a difference'*