



Outer Harbor rail overpass

The Outer Harbor rail overpass was installed in January 2017– including 3 x bridge beam lifts

Outer Harbor rail overpass fast facts:

- Rail track 235 pieces x 12.19 metres each in length (gauge convertible)
- Number of concrete rail sleepers: 2,080
- Number of recycled bricks for western embankment: approximately 70,000
- Number of bored piles installed: 8 x 2,100mm piles for the overpass structure and 303 x 600mm piles for the retaining walls
- Weight and size of each of the three overpass segments: Segments 1 and 2 (middle and eastern) are 265 tonnes and segment 3 (western) 169 tonnes. All steel used in the overpass is sourced from Australia mills. The overpass has an additional 700 tonnes of concrete and 800 tonnes of ballast.
- Composition of backfill: Boral Quarries Linwood Brown Sand
West embankment: 10,230 tonnes of material
East abutment: 17,755 tonnes of material
- The overpass is 9.5 metres wide and 105 metres long

Shared use path from Queen Street to West Street is expected to be completed in July 2018.



Installation of segment 2 of the Outer Harbor rail bridge