

ACO Drain - KlassikDrain

Case Study



Breakfast Creek Yowoggera Bridge - Brisbane QLD

The Brisbane City Council has recently completed a new pedestrian and cyclist bridge over Breakfast Creek, linking the Lores Bonney Riverwalk to the inner city. This infrastructure project provides a safe and convenient crossing for pedestrians and cyclists while significantly improving connectivity across the area. The bridge includes integrated pathways and landscaping on both the Newstead Park and Cameron Rocks Reserve sides, enhancing access to surrounding green spaces and encouraging active transport.

Project Design Brief

With an overall length of shared paths on both sides of the bridge covering 80 metres, designers needed to implement an efficient drainage system to ensure rapid water runoff and prevent surface pooling. As a pedestrian and cycle-friendly structure, the bridge also had to meet several legislative requirements related to slip resistance and bicycle safety, ensuring it remained safe and accessible in all weather conditions.

ACO's Solution

- **KlassikDrain** K300 system with Iron Intercept **Heelsafe®** Anti-Slip Grates

Benefits

- Each modular unit of the trench drain can be assembled to produce a 0.5% sloped run to ensure efficient drainage in flat pavements.
- The Iron Intercept **Heelsafe®** Anti-Slip grates provide P3 slip resistance to AS 4586
- Grates rated to Class D (AS 3996) means the trench drain is robust enough to be trafficked by service vehicles.
- The Iron Intercept **Heelsafe®** Anti-Slip grates have an inlet slot openings of 6mm wide ensuring wheelchair and walking cane compliance to AS 1428.1

Other ACO products used

- Cable pits - **Cablemate®**

