ACO Infrastructure – KerbDrain

Case Study

Brisbane and East St Intersection Upgrade, Ipswich, QLD

Located on the Bremer River, Ipswich is approximately 40km west of the Brisbane CBD. The city began life in 1827 as a mining settlement and is now renowned for its architectural, natural and cultural heritage with over 6000 heritage-listed sites and over 500 parks.

Project Design Brief

Engineers identified several inner-city intersections that had developed drainage problems. Due to a tight shoulder corridor and depth restrictions from existing underground services, conventional kerb inlet pits could not be accommodated. Designers needed a compact drainage system which would preserve the continuity of the kerb and be easy to maintain.

ACO's Solution

- **KerbDrain** QK200B
- ACO's Technical Services Department assisted designers with hydraulic performance data

Benefits

- Unlike conventional kerb and gutter systems, **KerbDrain** transforms kerbs into continuous capture inlet structures with minimal excavation.
- The profile of the **KerbDrain** QK200B is the same as TMR's Type 5 Barrier Kerb ensuring visual continuity and smooth transition with existing kerbs.
- **KerbDrain** Access Units can be positioned along the drainage runs to ensure easy access for rodding maintenance.