

## Hepburn Ave and Marmion Ave Intersection, Perth, WA

The Western Australian Government recently committed \$12M to improve traffic flow along Marmion Avenue. This included several upgrades including the intersection at Marmion Avenue and Hepburn Avenue with the scope of works comprising pavement widening for additional lanes, drainage and signal upgrades.

### Project Design Brief

The upgrade created some challenges, as available space was limited beneath the surface. Designers needed a compact drainage system that would effectively capture surface water runoff from the newly constructed lanes. Maintenance access would also be required.

### ACO's Solution

- **KerbDrain** QK200SM
- Based on the site-specific catchment hydraulics, ACO's Technical Services department provided designers with hydraulic data, including slot intake capacities

### Benefits

- **KerbDrain** transforms kerbs into continuous capture inlets.
- The compact design fits neatly in the shoulder of the carriageway.
- Installing **KerbDrain** reduces the cost compared to conventional kerb inlet drainage, due to fewer pits and pipes resulting in less excavation.
- Access units ensure easy access for rodding and maintenance.

