



PORTFOLIO

ACO Infrastructure



KerbDrain

Maroochydore City Centre, Sunshine Coast, QLD

The Queensland Government has selected Maroochydore as one of its Priority Development Areas (PDA). The city therefore has undergone rapid transformation to become the business, community and employment hub of the Sunshine Coast. The Maroochydore City Centre will be strategic in building and strengthening the region with a blend of residential, commercial, retail, civic and community buildings.

Project Design Brief

Planners identified several arterial roads within the Maroochydore City Centre precinct that required significant drainage upgrades. Due to the restricted space available, it was not feasible to add additional conventional kerb inlet pits as existing services would have to be relocated and the State Government would need to exercise a land resumption. Designers therefore needed a compact drainage system to capture surface water runoff efficiently without the need for deep excavation. The system needed access points for maintenance.

ACO Solution

- **KerbDrain** QK200B
- ACO's Technical Services Department assisted designers with hydraulic performance data of the **KerbDrain** system and accurate slot intake capacities

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

Other ACO Products Used

- Cable pits (ACO Cablemate)

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