



Hammond Road Duplication, Perth, WA

The City of Cockburn, the Government of Western Australia and the federal government have a mandate to improve Perth's transport network and reduce traffic congestion. A recent example of this is the duplication of Hammond Road between Branch Circus and Bartram Road in Success, a southern suburb of Perth.

Project Design Brief

The upgrade consisted of creating a two-lane dual carriageway, and new roundabouts at three key intersections. Influenced by the local topography, there were some super elevated sections of road along bends. Engineers needed a compact drainage system that would effectively contain and capture the surface water runoff from the newly constructed lanes.

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, and also advised how far apart to space gully pits

Benefits

- [KerbDrain](#) transforms kerbs into continuous capture inlets.
- The compact design fits neatly in the median of the carriageway.
- The 500mm lengths of [KerbDrain](#) allows them to be installed on a gentle curve.

