



Gold Coast Highway Upgrade, Biggera Waters, Qld

The Queensland Department of Transport and Main Roads (TMR) recently upgraded the intersection of Oxley Drive and Gold Coast Highway. The works is adjacent to Harbour Town Shopping Centre and a commercial precinct, which is home to a number of Gold Coast businesses.

Project Design Brief

The upgrade involved the creation of several turning lanes where surface drainage was required to stop stormwater from ponding against the road shoulder. A continuous capture linear drain was deemed the most effective method to manage the surface runoff. Engineers required a purposed design solution in such a tight corridor in a highly trafficked environment.

ACO's Solution

- **TraffikDrain** TD300 with Iron **Hi-Flo** grates.
- ACO's Technical Services Department provided designers with hydraulic performance data of the **TraffikDrain** system and gave advice on the optimal spacing of the pits

Benefits

- The large openings of the **Hi-Flo** grate ensures runoff is efficiently captured eliminating the hazard of gutter flow to motorists
- Anti-shunt lugs ensure grates remain firmly in place and are not dislodged by excessive wheel movements and braking

Other ACO products used

- Cable pits ([ACO Cablemate®](#))

