



DEMEX
Demolition | Excavation | Remediation

STAPLEY DRIVE BRIDGE - PACIFIC MOTORWAY

AUGUST 2017 - DECEMBER 2017
CLIENT: ALDER CONSTRUCTIONS
CONTRACT VALUE: \$110,000



DEMEX was engaged as the demolition contractor for demolition of the Stapley Drive bridge passing over the Pacific Motorway (M1) on the Gold Coast. The demolition formed part of the major Pacific Highway upgrade works between Mudgeeraba and Varsity Lakes.

safe manner in accordance with the demolition plan approved by an independent structural engineer.

Due to the proximity of the new bridge immediately adjacent to the demolition zone, strict vibration controls were implemented to eliminate any impact on the new bridge during the demolition works. DEMEX implemented a suite of control measures to manage the release of Styrofoam within the bridge deck units during demolition.

The project was delivered safely without incident and within the proposed schedule.



Prior to mechanical demolition, concrete barriers were removed and saw cuts were administered to release the post tension mac-alloy bars. On completion of the preparation works, DEMEX's fleet of excavators were mobilised to site to systematically demolish the bridge in a