



### ROAD DAMAGE APPRAISAL - RAAF AMBERLEY

**Date of Project:** 12 August 2018

**Client:** Enprocon (Qld) Pty Ltd

**Owner:** Royal Australian Air Force

**Location:**

Lady Sherger Drive  
& Hartnell Street,  
Amberley, Qld

**Industry Sectors:**

- Residential & Commercial Buildings
- Subdivisions & Municipal Works
- Manufacturing & Processing
- Infrastructure & Facilities

**Service Type:**

- Civil Engineering
- Structural Engineering
- Hydraulic Engineering
- Forensic Engineering
- Project Management
- Project Appraisal
- Construction Audit

**Documents:**

- Drawings
- Reports
- Certificates
- Audio Visual
- Maps
- Models



FTS provided preliminary engineering assessment of potential cause of pavement failure and supplied remedial scope of works specification.

Site investigations revealed no underground services were located within the damage location, a pothole and longitudinal depression were observed at the surface, large and numerous cracks were apparent in the bitumen surface local to the damaged section. The road composition was 25mm thick bitumen surface over 250mm thick compacted road base upon a highly reactive sub grade of sandy clay.

Other sections of the road were intact indicating that the damaged pavement is a localised issue needing repair and was caused by localised inadequate compaction of the base course at the centre of the road.



NSW—Office  
12 Caribbean Street  
MOUNT COLAH NSW 2079

QLD—Office  
90 Jean Street  
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For Further Information Please Contact Us



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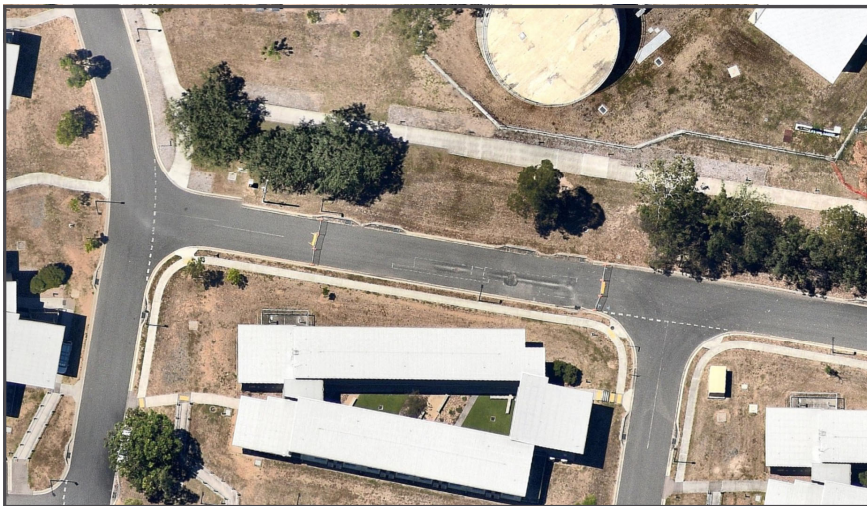
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Pothole and longitudinal crack  
15 m long.



Repair preparation.



Completed pavement repair.

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