

Abbotts Road

Palmwoods | Sunshine Coast



Scope of Works

Surrounded by the Sunshine Coast Hinterland, Abbotts Road Palmwoods is a 109-lot residential subdivision set on 18.36 hectares of land. In early 2018, Shadforth secured the early works package which included roadworks and drainage and water and sewerage reticulation. Following on from the early works package, Shadforth were again awarded Stages 3, 4 and 5 as well as the external works package.

To date, Shadforth have completed the following at Abbotts Road, Palmwoods:

- 5 Civil stages
- Over 115,000m³ of Bulk Earthworks
- Upgrade and extended the existing Abbotts Rd
- >2.9km - Roadworks
- >5.8km - Sewer and water
- >4,800m² - Retaining walls
- Sewerage Pump Station
- Major intersection upgrades including roundabout installation
- >1,200m² of Bio Basins

Project Overview

Client

**Sunshine Beach
Constructions Pty Ltd**

Start Date

January 2018

Completion Date

January 2019

Contract Sum to Date

\$11.6 Million

Shadforth Team

Construction Manager

Jeremy Linton

Project Manager

Patrick Bourke

Project Engineer

Jacob Farrelly

Site Supervisors

Daryl Hart

Safety Manager

Mark Lonergan

Quality Assurance

Dari Armitage

Environmental Officer

Mark Lonergan

Project Particulars

- Shadforth faced challenging site conditions due to the sloping nature of the site combined with over 2,400mm of rainfall during the construction period.
- Erosion and sediment control measures were closely monitored to ensure minimal impact on the surrounding environment even during numerous heavy downpours and extended wet weather periods.
- The existing Abbotts Rd was upgraded to a sealed road, which involved close communication with the existing residents to ensure minimal impact.
- Shadforth were required to work along side a QR rail corridor. This required all relevant permits and safety measures were met.
- Due to the fall of the site, a Unity Water approved Pump station and sewer rising main were required to deal with the sewerage.
- Multiple unity water live works connections had to be conducted along Woombye Palmwoods Rd. These were managed in a way that caused minimal disruptions to traffic along the busy road.
- The methodology of the external road works was carefully considered so that traffic was still able to flow freely along the busy Woombye Palmwoods Rd while works on this Main Road's section of the job were still occurring.
- As stages 4 & 5 were being constructed, builders began to construct houses in the previous stages. It was crucial to work around the additional vehicles to ensure the safety of all on site.

