

Bells Creek Arterial

Bells Creek | Sunshine Coast



Scope of Works

The Bells Creek Arterial Road is being developed in three major stages spanning 10 years, with a total project value of \$115 million. The first section runs between the northern section of the Aura development in Bells Creek and Baringa, and Caloundra Road. The subsequent southern sections of the road will eventually connect to the Bells Creek / Roys Road interchange on the Bruce Highway.

Shadforth secured the contract to deliver the first stage which saw the construction of a new 2.8km section of the two-lane road, extending south from the Caloundra roundabout (near the Sunshine Coast Turf Club) through to the Aura development area and linking up to Bellvista Boulevard near Bells Reach.

During the construction of the road, existing vegetation between adjacent properties and the road corridor were retained and native fauna including the Wallum Sedge Frog (which is listed as a vulnerable species), and an acoustic barrier along a section of the road was also constructed to attenuate road noise.

- 2.8km of new road, including bulk earthworks, stormwater, unbound pavement, cement modified pavement, prime, seal and asphalt surfacing
- Construction of two new bridges, including a new bridge on an existing road (Pierce Avenue) and forming an underpass below the Pierce Avenue on the new Bells Creek Arterial Road
- Diversion of existing water and sewerage services
- Electrical and lighting works
- Landscaping works, including planting over 200,000 plants and tubestock
- Reinforced earth wall construction (full height tilt up panels up to 8m)
- Fencing including chain wire, frog fence (temporary and permanent), noise barrier and bicycle

Project Overview

Client

Stockland

Start Date

November 2015

Completion Date

December 2016

Contract Sum to Date

\$22 Million

Shadforth Team

Construction Manager

Jeremy Linton

Project Manager

Patrick Bourke

Project Engineer

Sam Fennell

Site Supervisor

Ed Wilkinson

Site Foreman

Colin Hodges

Safety Manager

Shane Gale

Quality Assurance

Matthew Ridge

Vincent Close

Environmental Officer

Patrick Windsor

Ben Francis

Project Particulars

- Construction of 2km of 4m wide shared footpath and cycle way
- Line marking, signage, guardrail, slipform concrete traffic barrier, tie-in to existing intersection (Caloundra Road roundabout) and construction of southern interim roundabout.
- Construction of multiple fauna passages both underneath the road and below the Lamerough Creek bridge
- Installation of entry statements, including LED feature light displays

