

Ballina Byron Gateway Airport Expansion

Client: Ballina Shire Council

Duration: October 2012 – February 2013

Contract Value: \$4.5M

The scope of works for the Ballina Byron Gateway Airport Expansion project included the construction of a new taxiway, an extension to the existing aircraft parking bays and associated drainage, runway lighting, drainage structures and other support services for the existing runway.

The completion of this project marked the delivery of a key transport infrastructure link between NSW North Coast with capital cities & other regional centres by more than doubling the operational capacity of the existing airport. The project employed more than 50 people, from supervision, direct labour and subcontractors to deliver the construction of the new apron extension.

These works were undertaken while live air traffic continued to operate with close proximity to the works. The project specifications require (MOWP) Method of Works Plans to be followed for all activities.

Working airside required detailed programming, to issue Notice to Airman, in order to plan for the date assigned. Where limited operations could occur during pavement construction, it was critical to provide a safe handover to air traffic on completion of each section. Project administration in line with contract necessitated the employment of Airport Security, also to provide inductions which were a requirement for every visitor; generous timeframes were required to allow for these activities.

Scope of Works

- Pavement widening and overlay to provide 16,000m² of aircraft pavement, included mixing and placement of CTB FCR materials – in addition to 4,000 tonne of Asphalt.
- Site clearing, earthworks, stormwater drainage including installation of aircraft load rated structures, live airport environment requiring nightworks, treatment & monitoring of dewatering discharge, and final landscaping.

Key Achievements

- Ensured free and unobstructed access to the runway for all air traffic at all times.
- Ensured delivery of the project within the designated programmed period which was governed by constraints regarding access to the runway corridors.

