

Perth Airport Aprons

Construction - Roadworks

Project

Perth Airport Regional Apron Works

Client/EPCM

Westralia Airports Corporation

Value

\$14,575,817

Description

The project involved construction of a 210,000m² aircraft apron for the Perth Airport Regional Terminal. The project was undertaken airside, whilst allowing international aircraft to continue using adjacent taxiways.

The project consisted of topsoil stripping of 24ha and disposing off site followed by minor cut to fill and the importation of 120,000m³ of fill. As the fill was progressively brought up to finished level some 2.5km of concrete encased storm water drainage and 1,750m of ACO grated drains were installed.

200,000 tonnes of basecourse imported from Boral Quarries was hauled to site and compacted to 100% modified maximum dry density over a period of 6 months and trimmed to very stringent tolerances with GPS systems fitted to graders with production being limited by the amount of material that Boral Quarries could manufacture.

The final pavement construction layer was the supply and laying of 25,000 tonnes of asphalt by Fulton Hogan Group using GPS control to allow the surface finish to sheet water on a minimum grade.

Location

Perth Airport is located in the Perth metropolitan area, Western Australia.



"...getting it right and on time"