

Case Study

Project

Dublin Airport Apron
Rehabilitation Project

Client

Dublin Airport Authority

Budget

€24M

Project Management

IDOM

Project

Areas of the existing apron at Dublin Airport are up to 40 years old and require rehabilitation / reconstruction to safeguard the airfield operations and to cater for new generation aircraft including Code F.

The Apron rehabilitation Project comprises the rehabilitation / renewal of 80,000m² of existing apron. In order to maintain the safe and smooth running of the airport, IDOM has been engaged to manage a phased apron rehabilitation project to replace existing apron pavements before they become a risk to operations and a business interruption.

Services provided

Feasibility Study to determine the condition of the existing apron and to prioritise the works taking into account the condition, implementation programme, impact on operations and interface with other projects. In order to meet the project brief effectively it has been necessary to consider issues such as life cycle costs of the new apron network, delivery programme and logistics, constructability, maintainability, quality, sustainability and operational restrictions.

Subsequently we have undertaken the detailed design of the rehabilitation areas and we will be responsible for the procurement, management and delivery of the rehabilitation works in 4 packages.

The commission also includes a feasibility study and detailed design of the implementation strategy for the Airfield Taxiway Signage Redesignation.

