

CASE STUDY

CLIENT

Glasgow Prestwick Airport was purchased by the Scottish Government in November 2013 to protect jobs and safeguard a strategic infrastructure asset. The airport operates as a commercial business at an arm's length from the Government. There are approximately 290 staff working across areas including business support, passenger handling, cargo, air traffic control, compliance, fire services and a number of other areas, all running of the airport with the view of returning the airport to a position of profit and long-term sustainability.

CHALLENGE

Glasgow Prestwick Airport engaged with LAML to review their existing asphalt and concrete infrastructure including undertaking a detailed runway survey. LAML proposed a 5-year maintenance plan for the client to enable them to prolong the life expectancy of their current infrastructure without having to commit major capital expenditure at this current point in time.

- November 2020 LAML carried out a visual inspection report for the airport to advise on pavement condition
- Proposed schedule for potential maintenance works in line with budgetary considerations
- The current concrete was in a structurally sound condition
- Existing joints required remedial works to prevent water ingress which would lead to eventual failure of the concrete bays



RESULTS

- In January 2021 LAML undertook maintenance repairs on Taxiway Romeo
 - 9000lm of saw cutting and sealing works were carried utilising hot applied joint sealant N2
 - 335m² of localised Maxi-Crete concrete repairs were carried on the taxiway
 - Works took 3-4 weeks to complete with no delays or issues
- LAML have extended the life of the pavement
- Provided cost savings to the airport along with increased asset availability
- Reduced environmental impact

Over the last 12-24 months LAML have undertaken a variety of additional projects such as general surface maintenance and improvement work to a number of Taxiways and Stands.

Brief description of key works undertaken to date:

- Maxi-Flex and Maxi-Crete Repairs
- Concrete bay replacements
- Asphalt patching
- Asphalt Preservation treatment to Charlie & Foxtrot Aprons
- Overbanding



