

# CASE STUDY

## CLIENT

Bristol Airport, at Lulsgate Bottom, on the northern slopes of the Mendip Hills, in North Somerset, is the commercial airport serving the city of Bristol, England, and the surrounding area. It is 7 nautical miles southwest of Bristol city centre.

## CHALLENGE

Our client had a package of surface maintenance and patching repairs to be carried out over a period of 5 /6 shifts in March of 2021 and 2022.

LAML acted in the role of Principal Contractor and our Project Manager was closely involved prior to works commencing to ensure all planning, programming and site compound set up and materials storage areas were secure and accessible for the works ensuring maximum productivity each shift.

Our winter maintenance works packages have included:

- Runway day joint saw cut and sealing
- Runway & Taxiway Maxi-Flex/Armourlay repairs
- High Performance joint installation
- Runway Maxi-Crete patch repairs
- Runway & Taxiway Asphalt Patching Works
- Manhole repair using Iron-Guard
- Line Marking reinstatement

Working mainly on night-time limited possession periods, we worked collaboratively with our Client to ensure that Airport Operational certainty was maintained at all times. Dedicated set down areas were allocated for the surfacing personnel, plant, and waste materials. Haul routes and traffic management plans were implemented with security control put in place for the required night-time access.

Works were programmed in sequence to allow patching works to be undertaken at the same time as the saw cutting and sealing, high performance joint works and Maxi-Flex repairs.

## Cont...

Iron-Guard was used to repair a repetitive failure on a manhole cover in the Taxiway. This homogenous repair system offers longevity and flexibility compared to traditional manhole repair methodology.

Once all repairs were completed any line marking was reinstated using one of our established supply chain partners.

## BENEFITS

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## CLIENT TESTIMONIAL



*“Bristol Airport has a long-standing relationship with Lagan Airport Maintenance Ltd and have completed many projects together over many years.*

*LAML’s helpful and flexible approach to both the planning and execution of the recent runway maintenance package ensured the works were completed to an extremely high standard, on time and on budget with practically zero operational impact.*

*I would have no hesitation in recommending LAML for work of this nature anywhere where excellent value, high quality work is required in high-risk operational landscapes.”*

Client testimonial – Rob O’Dare Airfield Technical & Compliance Manager

