

# LAML



People delivering expertise


Capability Statement





# LAML


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Awards and accreditations







**LAML is responsible for the successful delivery of infrastructure maintenance and refurbishment projects throughout the UK and Ireland. LAML was established in 2017 to provide in-house services to our Aviation and Infrastructure division as well as undertaking standalone projects with key clients.**

As part of the Lagan Aviation and Infrastructure division, which has over 25 years' experience as a leading specialist contracting business, we have the internal capability and resource to deliver infrastructure, capital and maintenance projects throughout the UK, Ireland and internationally.

Utilising our in-house fleet of plant and equipment, our dedicated team have successfully delivered works on a number high profile projects including RAF Northolt Rehabilitation and Arrestor Bed project, Southend Airport Maintenance and Improvement, Dublin Airport runway rehabilitation and Isle of Man runway rehabilitation.





# Capabilities

LAML has the capability to undertake pavement repair and maintenance projects in the Aviation, Ports, Highways and Distribution sectors.

Our teams are highly experienced in working in high security areas, often under operational constraints. Operating out of Warrington, we undertake works throughout the UK, Ireland and Internationally.

The services we provide to Clients include:



- Saw-cutting
- Hot & cold applied joint sealing



- AGL Civils
- Coring
- Installation of lighting pots



- Concrete pavement repair
- Asphalt pavement repair
- Concrete surface treatments
- Concrete Bay Replacements
- Asphalt preservation
- Ironguard reinstatements





# Values - LAML & Lagan



Safety

Health and safety is our number one commitment. We ensure that our people are competent and empowered to promote safety in our workplaces and challenge any unsafe acts.



Trust

By keeping our promises and conducting our business with the utmost integrity we develop lasting and trusting relationships with customers and partners.



Respect

We foster a working environment of mutual respect where our people feel valued and supported. We respect and appreciate peoples' differences and understand the value diversity can bring.



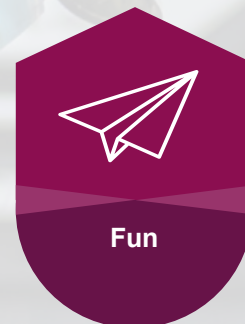
Caring

We carry out our business in a sustainable way as we care about our team, our customers, our partners and supply chain, our environment and the communities within which we operate.



Open and honest

Continual improvement and learning from our successes and failures ensures we are open to challenges and innovations. We also ensure that we effectively communicate with stakeholders in a fair, open and transparent manner.



Fun

As a family business we value the commitment of our people and celebrate our achievements. We encourage our teams to build strong relationships with customers and partners.





# Expertise & Structure

Our highly experienced team bring a wealth of knowledge in delivering airside and landside projects as well as projects on ports, highways and other concrete and asphalt infrastructure.



The team at LAML have a collaborative approach, we are reliable and work with our clients to deliver the most effective solution to meet the immediate and longer-term asset maintenance needs. We have a reputation for being responsive and reliable with a 'can do' attitude.

In addition, the team has many years' experience utilising specialist surface maintenance materials and providing clients across all sectors with proven cost effective solutions.

Within the Airfield sector our team has significant AGL expertise and complex as well as smaller scale airside project experience from working on civil and military airports across the UK and abroad.

Our products and processes are equally suitable for use on highways, ports and distribution centres, retail parks and all asphalt or concrete surfaces, having been used and established in airfield environments with requirement for limited possession works where the asset needs to be handed back within a short working window of up to 6 hours.

The Lagan aviation business is divided into two business entities to allow us to deliver both large scale complex aviation projects and smaller surfacing and maintenance projects. Whilst our businesses complement each other, they are managed independently to enable us to deliver the best service to our Clients at all times.

## LAML

- General airfield maintenance
- Runway, apron and taxiway joint repair and sealing
- AGL coring and seating pot installation
- AGL slot and seal
- AGL pit and ducting
- Airside pavement repairs (asphalt and concrete)
- Concrete bay replacement
- Asphalt Preservation - extending the life of asphalt surfaces & delaying the need for reactive maintenance

## Lagan Aviation and Infrastructure

- Delivery of complex D&B airside civils works
- Hangar and terminal building construction
- Night time possession resurfacing and rehabilitation projects
- Construction and refurbishment of runway, apron and taxiways.





# Our approach to SHEQ



## Health and Safety

Health, safety and well-being of our employees, Clients and those we work with is our number one priority. Our vibrant safety culture is not born of a need to be compliant but through a want to keep our employees and those around us, safe and healthy both physically and mentally.

Our OHSAS 18001 accredited Health and Safety Management system, continuous employee health and safety training programmes, audits, seminars and workshops provide us with the tools for a safe and healthy site, however, our safety culture is more than that. It's a need that is instilled in our employees to continuously improve the safety of our sites, a pride in the work we deliver without incident and a sense of well-being that accompanies a Project delivered safely.

Due to the safety culture our employees possess, working in high security environments, often under limited possession periods, we deliver Projects safely with everyone going home safe and healthy, time and time again.



## Environmental

Our responsibility to the Environment does not stop at our ISO 14001 accredited Environmental Management System. We are passionate about making a difference.

Our in-house, state of the art fleet of plant is maintained on a daily basis, ensuring that optimum efficiency is achieved every time. Our material supply chain is aligned with our ISO 14001 management system and is carefully chosen based upon their commitment to continuously improve.

We select materials that are least harmful to the environment without compromising on quality. Where the materials used are hazardous to the environment, we train our staff and provide resources to prevent and deal with any emergencies.

We set targets for our environmental performance and select suppliers that can help us achieve these.



## Quality

Our ISO 9001 accredited Quality Management System is only the first step in delivering a Project to an industry leading standard. Through our attention to fine detail, we guarantee delivery of a high-quality Project first time, every time.

Keeping our Client base satisfied is the cornerstone of our business. Our success is reflected in the repeat business we receive from happy customers. We take great pride in the quality of work that we deliver to our Clients and this is further enhanced by our Project Aftercare programme, where we revisit our Clients, periodically, after the Project has been delivered to review the works and ensure that our Clients satisfaction is guaranteed.

**Targeting zero incidents**

**100% on-time possession handback**

**Zero impact of operational safety**

**95% diversion from landfill**

**'Right first time' Quality**





# Dublin Airport

Rehabilitation and Enhancements,  
Runway 10/28 and Associated Taxiway

Value: €1.5 million  
Client: Dublin Airport Authority  
Contract dates: Dec 2016 - Dec 2018

LAML were contracted to undertake rehabilitation works to Runway 10/28 and associated Taxiways Bravo 7, Echo 3 and Echo 6 in addition to the installation of AGL fittings and infrastructure.

All works were delivered during 6 hour night closures whilst maintaining Category III operation at either end of the runway throughout the duration of the project. Each closure was successfully handed back on time.

The works undertaken as part of our contract included:

- Installation of 200 linear metres of Maxi-flex joints;
- Saw cutting and sealing of 1700m of expansion joints and 2000m of AGL Secondary Cable Chases;
- Installation of 1540 No. AGL sealing cans;
- 250 No. 150mm cores into existing E-Pits and 80 No. 25mm angle cores;
- Saw cutting 450m of >300mm deep cuts for trenches in pavements;
- Installation of 2No temporary thresholds, one at either end of the runway; and
- Installation of a displaced threshold at the 28 end of the runway.

This contract was undertaken as part of the €57million Design and Build contract to upgrade Runway 10/28 which was awarded to Lagan Aviation and Infrastructure. These main works included the overlay of the runway including associated taxiways with localised shoulder fillet construction and widening and upgrading the existing drainage infrastructure.





# DP World London Gateway

Value: £199,300  
 Start and completion date:  
 3 February - 29 May 2020  
 Role on the project: Sub-Contractor  
 Client Contact: Charles Brand

**Brief description of works**

- Deep saw cutting of concrete bays joints
- Sealing of concrete bay joints
- Coring of concrete bays for installations
- Concrete bay repair

**Key Programme dates and operational certainty guaranteed.**

The overall project involved the design and construction of 2km of permanent access roads/walkways and 6 hectares of heavy-duty hardstandings, comprising 470mm thick CBGM pavement and brick pavers.

**Our subcontract package consisted of:**

- 30,248m of concrete bay joint saw cutting to a depth of 450mm
- 30,248m of concrete bay joint sealing
- 696m of asphalt joint saw cutting and sealing
- 351no of 500mm diameter cores for the installation of security fencing



We undertook and completed the works using our in-house plant and labour resource. We worked collaboratively with our Client and key stakeholders in the development of our works phasing plan. This ensured that key programme dates were achieved whilst DP World Port operational certainty was maintained throughout the course of our works. Our phasing plan included temporary traffic management plans to ensure other contractors and port traffic could safely bypass our works site. These plans were submitted to the Principal Contractor and Port Operations team for approval in advance of our works.



# Dublin Airport

North Apron Project



Contract value: €420,000  
 Start and completion date:  
 10 February - September 2020  
 Role on the project: Sub-Contractor  
 Client Contact: Clare Civil Ltd

Brief description of works

- Deep saw cutting of concrete bays joints
- Sealing of concrete bay joints
- Coring of concrete bays
- Concrete bay repair

LAML were contracted by Clare Civil Ltd to undertake saw cutting and sealing of new and existing Pavement Quality Concrete (PQC) bays, existing PQC slab repairs and removal of existing defective PQC bays.

Our subcontract package consisted of:

- 7,157m of saw cut and seal in new PQC construction
- 30,000m of routing out of existing sealant
- 30,000m of sealing existing PQC joints
- 13 PQC slab repairs using Maxicrete
- Coring of existing defective PQC bays in preparation for removal





# Glasgow Prestwick Airport



Value: £200,000  
 Client: Glasgow Prestwick Airport  
 Contract dates: Works took place between June 2021 - October 2021

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.

In the latter part of the year LAML have undertaken a variety of works such as general surface maintenance and improvement work to a number of Taxiways and Stands.

Brief description of key works undertaken to date:

- Asset Management Inspection & Proposal
- Saw Cutting & Sealing to concrete bays and runway repairs
- Maxi-Flex and Maxi-Crete Repairs
- Concrete bay replacements
- Asphalt patching





# Ronaldsway Airport, Isle of Man

Runway Rehabilitation



Value: £275,000  
Client: Lagan Aviation & Infrastructure  
Contract dates: May 2021- Oct 2021

LAML were contracted by Lagan Aviation & Infrastructure to undertake AGL civils works as part of the runway rehabilitation project on the Isle of Man.

Summary of works undertaken included:

- Over coring and installation of AGL seating pots
- Completion of stabilisation cores & centre cores
- Saw cutting and sealing using hot applied joint sealant
- Excavation works for transformer removal and reinstatement
- Installation of concrete blocks for elevated edge light bases
- Test cores
- Stitch drilling
- Induction cuts
- Expansion joint installation and sealing.

The LAML works were programmed to run concurrently with the main contractor's works which were undertaken during runway/taxiway possessions & closures.





# Leeds Bradford Airport



Value: £165,000  
Client: Leeds Bradford Airport  
Contract Periods: Between April –  
October 2021

LAML were initially appointed to undertake various surveys including a runway inspection and a drainage survey.

Later in the year LAML were contracted to carry out emergency Maxi-Crete repairs to the runway. These repairs were completed during night-time possessions of 4-5 hours with the runway handed back on time for the client to resume flight operations.











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