

Project: Bobby Moore Bridge, Wembley Park
Product: Bespoke
Service: Design, Build & Install Main Contractor

Architect: Dixon Jones
 Lighting Designer: Speirs & Major
 Light Artists: miriamandtom

Date completed: February 2020

Property developers Quintain have launched the refurbished Bobby Moore Bridge pedestrian underpass at Wembley Park; a project which saw The Light Lab take on full management, fabrication and installation responsibilities, as bespoke design and build main contractor.

Initial concept for the project came from the team at Dixon Jones Architects, with lighting design by Speirs + Major brought on to 'help envision the after dark experience', and light art by studio miriamandtom.

In addition to site managing the whole project, The Light Lab assisted Speirs & Major on the bespoke design and had their specialist team manufacture the bespoke fittings, also fabricating a new ceiling, SPI controlled backlit wall glazing and supporting metalwork; leading our teams of specialist installers to complete the 14 week schedule. Wishbone Exterior Lighting was the specialist external lighting contractor responsible for the electrical installation.

Using the latest in SPI technology, the individually controlled multi-LED pixels provide the wall lighting behind acid etched, toughened laminated glass with a sentry-glass interlayer – ensuring a safe and robust cladding and a calming environment, in an area subject to post-match crowding as fans que to leave the station.



Within the ceiling, bespoke Light Lab products glowline, linear leds (also SPI-controlled), link the two walls, completing the "crossover" effect. Intelligent lighting control is provided by the pharos lpc100 controller.

In addition, a section of the heritage tiles have been renovated and illuminated in the centre of the East wall, to celebrate the history of Wembley and Bobby Moore; the plaque in dedication to him being the centerpiece.

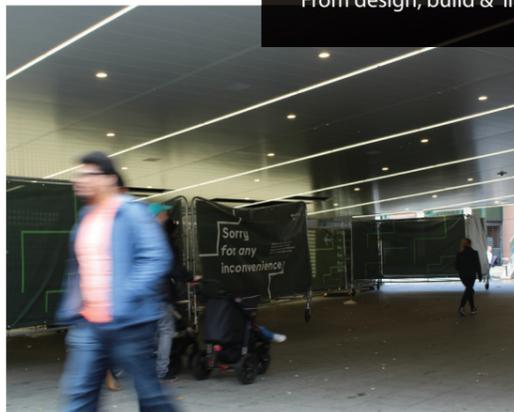
Emergency back-up, bespoke recessed downlights, provide ambient lighting to the area.

The first of the artistic content has been commissioned from architectural design collective, miriamandtom.

Entitled Crossover, the work reflects the complex makeup of the community that live and pass through Wembley Park every day. Crossover takes its palette from the surrounding area and the bands of colour have been arranged in deliberately angular contrast to the dynamic appearance of the architecture.



14 week schedule - site progress images
 From design, build & installation to project completion



For any Design and Build project The Light Lab takes responsibility for fabrication design, manufacture, installation and ongoing maintenance. This approach removes many of the anxieties and headaches felt by Architects that come with coordinating multiple agencies on an installation of this scale. The Light Lab's involvement in the design process means that the design integrity remains fully intact throughout, it eliminates the risk of misinterpretation or misunderstanding of the design brief by exterior parties. The Light Lab's fastidious attention to detail and commitment to quality ensures that the final install is to the highest standard.



What does successful design and build mean to us?
 At Bobby Moore Bridge The Light Lab took a creative concept through an iterative design process, working collaboratively with the project Architect (Dixon Jones), Lighting Designer (Speirs & Major), Property Developer (Quintain) and final client (Wembley Park) to ensure the design concept became design reality. In this scenario The Light Lab is the single point of contact ensuring successful project coordination, project management and importantly, overall project accountability.

