

SURFACE GUARD™

CASE STUDY - MOTCOMB STREET, LONDON, UK

RAPID DEPLOY VEHICLE BARRIER

PROJECT BACKGROUND

Motcomb Street is located in the prestigious area of Belgravia, London. The street is referred to as 'The Village' due to its stunning Georgian architecture and cluster of independent boutique and designer shops.

Once a public road accessible to vehicles and pedestrians, this street has recently been completely pedestrianized with the road surface being replaced with a more aesthetically pleasing natural stone finish.

The street sees a large amount of footfall on a daily basis and so the move to pedestrianize the road completely was welcome to protect visitors enjoying the historical street.

PROJECT BRIEF

To celebrate the street reopening as a pedestrianised area, event organisers decided to throw a street party to mark the occasion. The event anticipated over 5,000 visitors which, on one street created a crowded place. The London Metropolitan Police advised the organisers to procure temporary security measures for the event.



PROJECT SCOPE

The event organisers approached ATG Access requiring temporary security measures. The turnaround time from enquiry to installation of the final solution was just 4 working days.

ATG Access recommended their Surface Guard system due to the pedestrian permeability of the system and the ease of deployment and removal. The system has been tested in accordance with the IWA 14 crash test standard and successfully withstood attack from a 2,500 kg vehicle travelling at 30 mph. This solution has been designed in response to the recent string of vehicle attacks throughout Europe.

Motcomb Street required a road span of 12 meters to be secured. The road is bordered by storefronts and the natural stone surface was not allowed to be damaged in any way during temporary the installation of security measures.

The area shown in the adjacent photo, plus a series of severe road cambers existing within the 12 meter road span potentially set a challenging installation for ATG Access.

PROJECT SOLUTION

The Surface Guard system is completely surface mounted and so the need to avoid any surface damage was easy to achieve. As the system is modular and able to cope very well with road cambers, the system could accommodate the varying road levels.

The bordering shop fascias were not straight and did not provide a straight edge for the system to sit against. Luckily the system configuration is incredibly flexible and ATG Access was able to simply attach multiple adaptors to maximise the engagement of the system and building to accommodate the installation.

The end result was fantastic and the client was very pleased. The deployment took just over an hour to complete with the additional onsite modifications. Multiple people attended the event with varying needs; cyclists, prams and wheelchairs, all successfully moved through the new system with ease.

The event finished after 10.30 pm and the security installation was removed shortly after the finish to ensure that the street was fully operational the next day.

