

Case Study

Cycle Path Delineation

Oxford Road, Manchester

Manchester's flagship cycle safety scheme, enabling cyclists, buses and pedestrians to share the road network.

Background

Manchester's Oxford Road is both one of Europe's busiest bus routes and Manchester's busiest cycle route. It has undergone a series of changes to reduce congestion and pollution, as well as increasing safety for the many cyclists who use this route into the city.

One such change includes new 'Dutch-style' cycle lanes. The cycle lanes run on either side of the road and behind the bus stops. Diverting cyclists off the road before a bus stop and back onto the road again after, keeps cyclists safe by separating them from the buses as they pull over. However, bus passengers then need to cross the cycle path to get from the bus stop to the pavement.

The client wanted a solution to highlight the area designated for pedestrians crossing the cycle path—where cyclists are expected to give way. They also wanted to highlight the path of the cycle lane as it leaves the road and joins it again after the bus stop.

Solution

Clearview Intelligence worked with Manchester City Council to develop a solution to highlight the route of the cycle path and the pedestrian crossings to cyclists. Given the busy urban location of this scheme and the variety of signage already in the area, SolarLite Active Road Studs were recommended to provide this information directly in the cyclist's line of sight.

The SolarLite studs come in the full range of colour options for all delineation use including: amber, red, white or green. In total, 400 studs were installed with green used to provide delineation on either edge, red used to highlight the crossings, and amber used to mark the transition from and back onto the road either side of the bus stop.

With a low profile of less than 4mm above the path surface these studs pose no slip or trip hazard to cyclists or pedestrians. Being solar powered the SolarLite studs do not require any wiring, trenching, or electricity supply and there are no operational costs due to the sustainable energy harvesting power supply. This means the installation was quick and all studs were installed in just 8 days, allowing cyclists back onto the newly improved path as quickly as possible.

Key Benefits

- Promotes and encourages cyclists to use the new paths and to obey rules for the pedestrian crossings
- Value for money to the public purse due to low installation costs, and no ongoing operational or maintenance costs
- No slip or trip hazard and safe for cyclists to ride over without damaging bike or losing balance