

CASE STUDY

Rosehill Highways

POLE LANE BLACKBURN

CLIENT: Blackburn with Darwen Borough Council
INSTALLER: Rosehill Highways

PRODUCTS: Traffic Island Chicanes

ISSUES

- Pole Lane is a long, steep, and mostly straight road which cuts through the town of Darwen near Blackburn
- A report found that a majority of the more than 4000 motorists who used the lane each day were driving above the 30mph speed limit
- The average recorded speed was 39mph, with some reaching speeds of more than 70mph

OBJECTIVES

- 1 Improve the safety of Pole Lane and adjoining roads through the installation of traffic calming chicanes
- 2 Ensure cyclists are able to ride on Pole Lane without being obstructed by the chicanes
- 3 Avoid disruption by installing traffic calming products which do not require the road to be closed
- 4 Install surface-mounted traffic calming products which are low maintenance, impact resistant, and can be quickly and easily relocated to allow for road maintenance



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SOLUTION

1

Install two sets of traffic islands with extension pieces to create a substantial traffic calming chicane

2

Position the islands to create a chicane narrow enough for just a single vehicle to pass through



3

Position the chicanes far enough from the pavement that cyclists are able to continue unimpeded

4

The traffic islands are surface mounted making them quick to install, but provide a solid and impact-resistant solution

5

Each traffic island chicane was installed in less than an hour without the need to close the road



RESULTS

- Post-installation surveys showed that the chicanes had successfully lowered the speed of motorists travelling on Pole Lane
- The average speed dropped to 31mph - a reduction of 26%
- As a result of the chicane on Pole Lane, the average speed on the neighbouring Sough Road and Marsh Hose Lane was reduced, with drivers staying at 29mph to 32mph

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