

Loop Triggered VATCS

Case Study Under Surface Loop Detection



Improving Highway Safety



Dorman Varitext are UK manufacturers of Vehicle Activated Traffic Calming Signs

Many UK highways have high risk areas where accidents frequently occur. In order to reduce the risk of accidents and hazards on the roads Dorman Varitext have developed an under surface loop detection system.

Loop Detection is a recent development for Dorman Varitext and has been successfully implemented in Milton Keynes, Cornwall and on the North Circular in London.

Complete Project Solution

The Milton Keynes scheme was completed early 2009. Dorman Varitext managed the project from design through to the supply of all the materials, including installation and commissioning of the final project.

UK Manufacturer

Manufactured at the UK headquarters in Southport the Vehicle Activated Signs are proven to improve road safety and reduce accidents on our highways by alerting drivers to high risk hazards like stationary and slow moving traffic at a busy junction.

Advanced Warning System

This loop detection solution could be utilised to warn drivers of hazardous junctions, queues likely and blocking back scenarios on the highways.

This advanced, early warning system alerts drivers to potential unseen hazards on the highway ahead, this provides drivers with an increased time in which to respond to changes in road conditions.

Improving Highway Safety

■ Issue

Drivers needed a warning of the dangers of vehicles either stationary, or crossing and joining the busy dual carriageway.

■ Solution

Dorman Varitext installed a Loop Detection system to activate two solar powered Vehicle Activated Signs to give drivers an early warning of slow moving vehicles.

■ Benefits

The signs act as an early warning system to alert drivers to potential hazards ahead and help reduce the risk of accidents causing injury or road closures.

■ Next Steps

Milton Keynes Council will be monitoring how successful the installation of the signs have been in increasing the awareness and reducing the number of accidents on the busy highways.

Loop Triggered VATCS

Improving Highway Safety

Loop Detection provides you with:

■ Early Warning

The warning signs for drivers provide an advanced warning of potential hazards ahead, the signs are activated by the loop detection system identifying when traffic is queuing in a designated zone.

■ Reductions in Accidents

By warning drivers of potential oncoming hazards and increasing their reaction times will greatly reduce the risk of collision.

■ Reduction in Journey Time

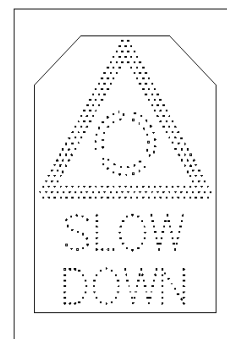
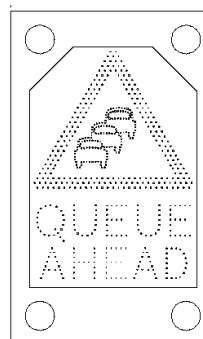
Reduced accidents on heavy use highways has a positive impact on the drivers journey time.

■ Cost Effective Implementation

All projects can be completely managed by Dorman Varitext from design to implementation, thus helping to keep cost to a minimum.

■ Out of Sight System

The Under Surface Loop Detection system is unseen to the public and has no visual impact on the area of installation.



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All Dorman Varitext products are covered by a 12 month warranty. The Maintenance Contract option offers you additional peace of mind.