

Queuing Traffic Warning Signs

Applications

- Traffic control signing at appropriate locations
- Que Management
- Accident Black Spot Management



Most people are aware of locations where traffic queues on a daily basis. The danger is multiplied when the queuing traffic is not visible due to the layout of the road, especially with high speed dual carriageway approaches to roundabouts as per the example above. Problems can also arise where traffic waiting to turn right on a single carriageway road may be obstructing the path of drivers approaching from behind. Again the potential for an accident is greatly increased if visibility of the stationary vehicle is limited.

Fibre-optic warning signs offer a solution. One or two signs can be placed well in advance of the likely queuing location. Above ground detectors or loops are then used to determine when traffic flow is sufficiently restricted to bring on the warning messages for drivers travelling on the clear section of road.

Further detection can be used at the sign locations to switch off the signs in the unlikely event the traffic builds up that far back. This would be a useful tool to prevent the signs advising drivers who are already sitting in a line of stationary traffic that there is a queue ahead!

Queue detection and warning is not an “off the shelf” solution. Numerous factors including number of signs, sign locations, road speed, detector type and location need to be carefully considered. As a result, each queue detection system is unique.

A site visit is an essential requirement before we can propose a solution. Contact PWS today, to arrange a your free site visit.