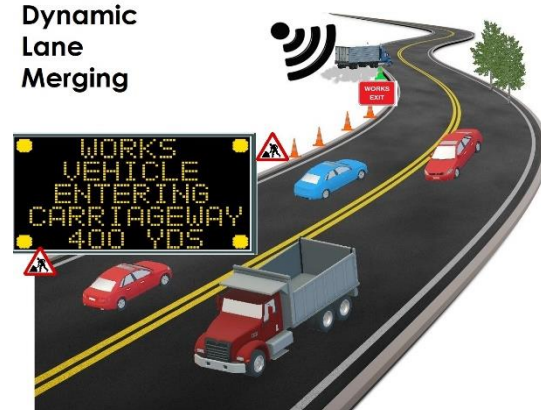


I.T.S Solutions

Intelligent Traffic Solutions

At Roadside Technologies we have a range of fully scalable ITS solutions for Journey Time Measurement (JTMS) to Queue Detection Systems and Speed Detection via CCTV. All solutions are low powered and run from solar power needing no external power source or communications in place. All solutions stream to our Roadside Server so live data can be seen online in real time at your fingertips.

Dynamic
Lane
Merging



We have a range of integrated ITS solutions designed to improve safety and allow road traffic engineers to see what conditions are like through their sites without needing to be there. All solutions are based around our VMS-M, VMS-4 and VMS-5C range which can show motorists in advance of the approaching road conditions to allow them to react accordingly. All solutions are battery and solar powered meaning no external power is required for continual operation all year round. All solutions are streamed on real time to the Roadside Server allowing access to your site 24/7. Most ITS Solutions are bespoke to the site depending on the scale and complexity of the site and surrounding diversion routes. Please contact our sales team who can go through your requirements and advise on the best solution.

Systems Available –

- Journey Time Measurement System
- Queue Detection System
- Dynamic Lane Merging System
- Roadside HD Data Collection
- Live CCTV Traffic Flow Monitoring
- Live CCTV Speed Detection

System Features

- Needs no external power source
- Can be installed in live traffic
- Can be mounted to overhead gantries
- All runs through 4G, Wi-Fi and RF modules
- External trigger to activate VMS message
- All sensors and CCTV transmits wirelessly
- All systems can be manually overridden

Why choose Roadside Technologies IT'S Solutions :

- ✓ Continuous operation all year round*
- ✓ Remotely stream live traffic speed data
- ✓ Battery powered with Solar backup
- ✓ Remotely view live streaming footage of traffic
- ✓ Compact trailers
- ✓ Solar powered maintenance free battery system.
- ✓ All mounting brackets included
- ✓ Full Online and Onsite Assistance throughout hire period
- ✓ Made in the UK
- ✓ All items available for purchase or hire.

For more information or to obtain a quote please contact us below -

Roadside Technologies Ltd
Unit 7
M1 Commerce Park
Chesterfield
Derbyshire
S44 5HS
01246 792000

www.roadside-technologies.co.uk

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Journey Time Measurement Solution

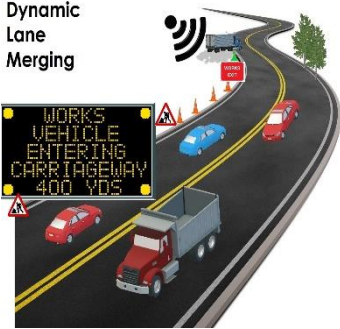
Can be created using ANPR or a Google Cloud service.

- Fully scalable solution through ANPR or Web based journey times
- Requires no external power source
- Can be linked to an unlimited number of VMS
- Messages can be manually overridden
- Installed and operational instantly

Suitable for –

- Short term temporary traffic management
- Long term temporary traffic management
- Diversion Routes

Dynamic Lane Merging



Dynamic Lane Merging Solution

Designed to warn approaching motorists of site traffic exiting roadworks.

- Requires no external power source
- Can be linked to an unlimited number of VMS at a distance of up to 1.5km
- Messages can be manually overridden
- Installed and operational instantly
- Sensor can be trailer or gantry mounted
- Operational 365 days per year
- Requires no man power when operational

Suitable for –

- Short term temporary traffic management
- Long term temporary traffic management



CCTV Speed Detection Solution

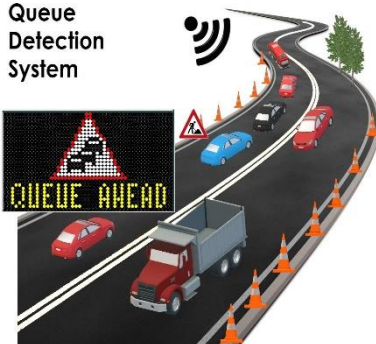
Designed for remotely monitoring traffic flow through traffic management.

- Speed detection or vehicle classification
- All footage stored to the Roadside Cloud for 7 days (30 day storage available)
- Mobotix M16 day/night camera
- Telescopic mast
- Solar powered with tilt rotate panels for maximum recharging
- Mains or 12v battery power supply
- Optional Wind charging or fuel cell technology
- Can be viewed remotely through IOS or Android App

Suitable for –

- Short term temporary traffic management
- Long term temporary traffic management
- Private sites

Queue Detection System



Queue Detection System

Designed to warn approaching motorists of queuing or static traffic ahead/

- Requires no external power source
- Can be linked to an unlimited number of VMS at a distance of up to 1.5km
- Messages can be manually overridden
- Installed and operational instantly
- Sensor can be trailer, gantry or VMS mounted
- Operational 365 days per year
- Requires no man power when operational

Suitable for –

- Short term temporary traffic management
- Long term temporary traffic management
- Large scale events and music festivals