

## **ADVANCED TRAFFIC MANAGEMENT FEASIBILITY STUDY**

### **Terms of Reference**

To examine the feasibility, benefits and costs of extending advanced signalling and traffic management systems more widely across the motorway network, including:

- whether new systems could offer additional lanes and traffic flow capacity where needed, within the land corridors of existing motorways;
- the extent to which they could offer a faster, better value solution to increasing congestion problems, with less traffic disruption than during the construction phase of conventional widening schemes;
- whether traffic flow could be managed more effectively at congested times, reducing flow breakdown, improving journey reliability and predictability and potentially cutting CO2 emissions;
- whether slower and faster moving traffic could be better segregated, reducing queuing behind slow-moving vehicles;
- whether different forms of lane reservation schemes could have a bigger role to play in managing congestion, such as through traffic lanes, high occupancy vehicle lanes, etc;
- whether better and more timely information could be provided to drivers, responding faster to changing weather or traffic conditions and incidents, thus enhancing safety;
- whether new systems could help us to detect and respond to incidents better and faster, improving safety and reducing traffic disruption;
- what safeguards would be needed to guarantee privacy, and
- whether it would be beneficial to consider changes in enforcement practices in parallel with the introduction of new traffic management systems.

This study will be undertaken by DfT and Highways Agency officials. A stakeholder group will be established to ensure that road users environmental groups, safety groups and others with an interest in these issues are fully consulted as the feasibility study proceeds.