



Client: Highways Agency  
Main Contractor: Serco  
Dates: July 2008—ongoing



**Background:**

The Highways Agency placed a contract with Serco to install new Automatic Number Plate Recognition (ANPR) camera sites and Traffic Monitoring sites to extend the network's coverage around the UK.

**Scope of work:**

Kelly ITS were engaged under a sub-contract to provide the following services:

- Booking road space with Highway Agency agents
- Conduct planning surveys with Serco to assist with the design and model quantities
- Providing traffic management services for the project
- Compile Method Statements and Risk Assessments
- Prepare Temporary Traffic Request Orders ( TTRO ) where required
- Civil enabling works to facilitate the installation of cabinets and poles
- Provide ducting for ANPR camera and inductive loop cable installation
- Install inductive loops in carriageways
- Pole installation, retaining wall, hardstanding, hand and guard rails, and step construction
- Slot cut ANPR camera cables across carriageways
- Install power cables
- Install and build 609 interface cabinets
- Power connection works to REC supply, installing EI interface cabinets
- Power cable terminating, testing, commissioning with NICEIC certification
- Compile as built hand over documentation including GPS coordinates of inductive loops installed in the carriageways

**Key Success factors and Innovations:**

- Kelly ITS provided Serco with initial field survey information for producing buildable designs, whilst de-risking for both the client and Highways Agency
- Provided Serco with solutions to complex sites design with respect to power and street furniture installations
- Established in house teams to undertake works across Highways Agency roads, so sites could be constructed and certified, allowing immediate integration into the National Traffic Control Centre network
- Built long term relationships with local Highway Agency agents
- Continually met Serco project milestones to clients deadlines
- Kelly ITS participated in joint Serco and Highways Agency project meetings

