

Providing excellent service in road safety

Contract: ANPR Rollout Maintenance
Client: Highways Agency
Main Contractor: Serco
Dates: 2003 - 2009



Automatic number plate reader

Key success factors and innovations

- Attending and restoring services to sites within 24 hour following road traffic accidents, thefts and damages, restoring services which enables the client to better provide up to date accurate traffic information to the travelling public
- Kelly ITS are highly regarded by Serco as a leading industry installer and thus are consulted on site relocations, site surveys and difficult sites requiring additional control measures, to ensure safety of visiting routine maintenance engineers and the public
- Provide technical support in installing, testing, commissioning and certifying new REC connections to ANPR sites, and sites also fed from new or existing 609 electrical interface cabinets

Background:

The Highways Agency placed a contract with Serco to install 678 new Automatic Number Plate Recognition (ANPR) camera sites, with electrical interfaces, and 1300 Inductive Loop Traffic Counter Sites across the Highways Agency road network.

Scope of work:

Kelly ITS were engaged under a sub-contract to provide a number of services. Planning services included booking road space with Highway Agency agents, conducting planning surveys with Serco to assist with the design and model quantities, providing traffic management services for the project and compiling method statements and risk assessments and also preparing temporary traffic request orders (TTRO) where required.

The works included civil enabling works to facilitate the installation of cabinets and poles, providing ducting for ANPR camera and inductive loop cable installation, installation of ANPR camera cables on bridges using MEWP's and inductive loops in carriageways. This involved directional drilling, pole installation, constructing retaining walls, hard standing, hand and guard rails, step construction, lattice pole installations in reduced clearance situations, slot cut ANPR camera cables across carriageways. installation of power cables was carried out along with installing and building 609 interface cabinets.

Electrical works involved power connection works to REC supply, installing EI interface cabinets, power cable terminating, testing, commissioning with NICEIC certification, and conducted periodic electrical inspections.

We compiled as built drawings, hand over documentation, including GPS coordinates of the inductive loops installed

