

**Extract from Highways England  
Construction and Maintenance Health, Safety and Wellbeing Briefing  
2016**

**Change in technology use and training  
reduces service strikes in Area 10**

As part of the area 10 contract supported by Balfour Beatty and Mott MacDonald an improvement project was undertaken to reduce the amount of service strikes that were being realised on the scheme.

Following the trials the Area 10 team took the decision to purchase 20 EZiCAT i750 models and deploy them across the contract. As part of the deployment 120 members of the team were trained in the correct use of the equipment.

The initiative has resulted in:

- GPS data capture to determine the time and date of use, the user identification and the detection modes used
- Improved detection capability
- The tracking of GPS positioning of the equipment whilst in use and storage of data
- The device also enables operators to determine the depth of the buried utility

The initiative has seen a significant reduction in service strikes with no recorded incidents whilst using the system by the trained workforce since November 2015 and has also reduced:

- Lost production, workforce downtime and delays to works
- Costs arising from utility repairs
- Reduced traffic management required
- Investigation time by Health & Safety department

