



Digital Safety Cameras The Next Step

Paul Mason

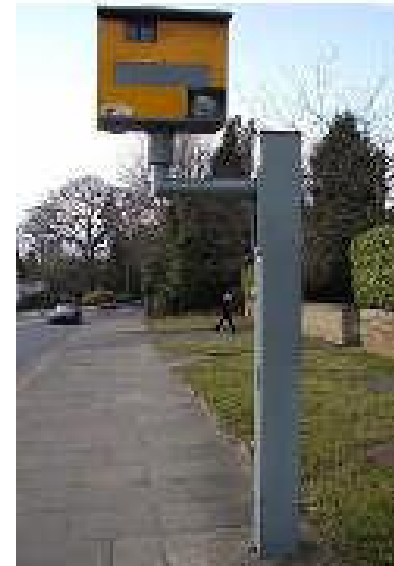
Head of Highways

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Current Camera Stock

- 36 Operational Cameras on CBC network
- Dated, near end of life technology
- Expensive to maintain and repair
- Require wet film to be changed and processed by the Police
- 17 Cameras in Dunstable area
- 9 Cameras in Leighton area
- Other areas include, Sandy, Westoning, Ampthill and Tottenhoe



New Technology Static Digital Camera



- Static Bi-Directional Digital Camera, capture two lanes of traffic in opposite directions
- Do not require Police attendance, all captured offences sent directly to Stevenage Police station
- Ability to move the camera between locations
- Numerous cameras running through one server
- Faster, more efficient technology



New Technology

Digital Average Speed



- Comprehensive camera set up covering a longer stretch of highway
- Minimal maintenance
- More discrete and less obtrusive
- Often seen as “more fair” by the motorist
- Multi-lane capability
- Use of existing street furniture possible
- Ease congestion



New technology

What is required?

- Enhanced Street Lighting
- Auxiliary flash system
- 3G Mobile Signal for transmitting images
- Secure Home Office approved data transfer
- Secure Home Office approved back office processor
- Suitable location for camera installation
- Annual calibration and certification of cameras

Twenty's Plenty Enforcement of 20mph



- Association of Chief Police Officers (ACPO) state that a 20mph zone or limit, must look and feel like a 20mph road
- Police within the Bed's, Hert's and Camb's Tri Force do not currently enforce via cameras in the absence of a 20mph Speed Diversionary Course
- This ensure's consistency with other National Driver Offender Retraining Scheme's (NDORS)
- Course due to be trialled and launched later in 2014
- Alternative local enforcement options being discussed

Criteria

- Evidence to support the need for a camera, it must be data led
- Full support from the Town/Parish Council and CBC Ward Cllr
- Support of the Police
- Suitable/Accessible location to install the camera
- A secure 3G mobile signal available or access to a secure fixed ADSL telephone line
- Budget requirements met

Evidence

- Existing speed data or new collection via CBC or the Police at a cost of £300
- Identified as a Killed and Seriously injured casualty site, directly relating to speed via CBC data collection
- Speed data identified on Weekly Two Way traffic flow at or above the ACPO limit of 10% plus 2mph
- Significant percentage of vehicles speeding above ACPO limit, benchmark to be set, 35% likely level
- Identify other options if camera criteria is not met or achievable, portable Variable Message Signs

Estimated Timetable

Task	Stakeholder	Outcome	Delivery Date
This conference	All	Information Sharing and Gathering	29 April 2014
Interest captured	CBC	Establish level of demand	1 June 2014
Review/Collect Evidence	T&PC's, Police and CBC	Identify level of problem, data led approach	1 October 2014
Identify contribution funds	T&PC's and CBC	List level of funds outside of CBC 14/15 Capital Programme	1 October 2014
Consultation	All	Enable delivery	TBC
Order product and install	CBC and Supplier	Cameras on site	31 March 2015

Summary

- As partners we are working together in the context of considerable individual and collective change to stay in touch with the nature of speeding issues across the local authority areas and working hard to make the best use of our shared resources (yourselves, CBC, Police and other partners) to continue to understand the nature of issues and address them in the most effective way possible at the time
- We are listening to make sure we fully understand where the most challenging speed issues are particularly those where collisions are happening but also looking at more widespread partnership activity where Education Training & Publicity messages can help engage the majority who probably speed more habitually