

All questions received from Barbara Thomson

**1. QUESTION:**

**When we change the current lighting to LED lighting, will we be adding the motion sensors at the same time or do the contractors have to do it separately?**

RESPONSE:

The potential for installing Motion Sensors to control lighting is one of a number of innovations we are seeking to explore. At present Motion Sensor technology is only being used on street lights in a small number of locations across the world. Assuming we can identify a suitable solution, it is likely we will first carry out a pilot as there would be additional investment costs to install them. Whilst they could therefore be installed at the same time, it will depend on the success of the trial.

**2. QUESTION:**

**The present maintenance for the current system of street lighting is for every 6 years. What will be the new LED lights maintenance cycle requirement be?**

RESPONSE:

The maintenance regime for streetlights is carried out every 2 years with a visual structural and electrical inspection although certain activities are carried out less frequently. For example a full electrical test is carried out every 6 years and full structural test every 12. The current lights have the lamp (bulb) changed every 6 years in line with the electrical test along with cleaning the lantern bowl and other activities. With LED lanterns, there is no need to replace the lamp however the remaining activities such as electrical and structural tests will still be carried out at the same frequencies. However Officers will be reviewing the frequency of visual inspections to ensure these are carried out in line with industry standards but may be able to deliver additional savings if they were less frequent.

**3. QUESTION:**

**Will there be spare lights in case of failure?**

RESPONSE:

As at present there will be a small stock of replacement equipment available to carry out repairs and replacements. The contractor will still be required to meet agreed response times for repairing faults which if required would include replacing faulty lanterns. Failure to meet these response times can attract financial deductions under the contract terms.

Cllr Colin Kemp  
Cabinet Member for Highways

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