

Tabled Paper

Swale Joint Transportation Board – Information Item

7 March 2016

LED Street Light Update

Kent County Council has recently awarded a multi-million pound Street Light Term Services Contract to Bouygues E & S Infrastructure UK Ltd. This contract will enable the Authority to convert all of its street lights to Light Emitting Diode (LED) technology followed by a maintenance period of up to 12 years. This work will involve changing the lantern on the existing column to LED technology and will start in March 2016. When combined with a Central Management System (CMS) we will be able to monitor our energy use, detect faults, dim lights and control the time that the lights turn on and off.

On the 12 February 2016, a decision to return to optimised all night lighting was endorsed by the committee. The Cabinet Member for Environment and Transport will sign off a new street light policy based on this endorsement in preparation of the first lantern being installed. As required under contract, Bouygues will design each individual street with LED's. They will have to work within the restrictions of current column locations, heights and conflict zones that may exist (e.g. trees, roundabouts and junctions). Part of this design will include an evaluation of an appropriate optimal illumination level within the individual street.

The new policy will come into force once the individual street light has been converted to LED and is commissioned on to the CMS.

The Authority has agreed with Bouygues a proposed programme for delivery of the LED conversion project. It will take 14 months to complete the residential areas, so dependent on where the individual district is within the programme; will depend on when a new policy will be implemented. The programme for the residential areas has been split into four phases and the approximate timeline is as follows:

- Phase 1 (Ashford, Shepway & Dover) = March 2016 to July 2016
- Phase 2 (Sevenoaks Dartford & Gravesham) = July 2016 to September 2016
- Phase 3 (Tonbridge and Malling, Tunbridge Wells * Maidstone) = September 2016 to November 2016
- Phase 4 (Swale, Canterbury & Thanet) = November 2016 to May 2017