

Hounslow Highways, the appointed highways service provider, is responsible for improving and maintaining the borough's entire street scene assets fence-to-fence for the next 25 years. Over the next five years, Hounslow Highways will be investing £100 million in the borough's roads, footpaths, street lights and street cleansing

We will be working in your street over the next few months as part of our street lighting renewal programme. To find out when, please visit the 'My Works' page on our website.

We know that good, reliable street lighting is very important to residents, businesses and visitors alike. Reliable lighting not only makes it safer for road-users and pedestrians, but also has a positive effect on crime detection and reducing the fear of crime. By the end of 2014, we will have converted all the borough's lights to energy-saving, carbon efficient LED units, which can be controlled from a central system.

As the new street lights are installed, it is normal that they are illuminated for the first few days or until they are recognised by the system. They will return to normal soon, but the speed in which this happens can vary from site to site as it depends on the location and local environment.

Our Commitment to You

Hounslow Highways is committed to the consistent improvement of the places and spaces in the London Borough of Hounslow and to working closely with local communities, residents and businesses to build a better borough. We hope that everyone will enjoy the new look and feel that we create over the coming years and that everyone takes part in this exciting opportunity to improve our local areas.

If you have any further questions, wish to report a fault or wish to comment on any aspect of the Hounslow Highways service, please visit:

www.hounslowhighways.org

or telephone:

0208 583 2000

**We are changing
your street lights
in the coming months**



**London Borough
of Hounslow**

Why change the street lighting?

The current street lighting across the borough is in variable condition and many lights need to be replaced. As part of the new highways service, we have an opportunity to invest in providing more efficient lights and columns. This investment will provide immediate benefits to the look and feel of the streets. It also allows us to direct light where it is most needed to help reduce traffic incidents, crime and the fear of crime, improving safety for all.

What is LED?

LED stands for Light Emitting Diodes – a modern lighting technology that uses a large number of highly energy efficient, tiny light emitting units (diodes) grouped together to provide a light source. The real benefits of LED lighting is that it is controllable and more energy efficient.

How much energy will be saved?

Public lighting is one of the greatest consumers of energy and the greatest emitters of carbon. Because LED lighting is more energy efficient, more reliable and requires less maintenance once installed, it is good for everyone, not just the environment. Based on our use of LED lighting elsewhere in the UK, we predict a 35% saving in the carbon footprint generated by public lighting in the borough as a result of these changes.

What is the timescale for replacing the street lights?

There are over 16,000 street lights in the London Borough of Hounslow. These will all be replaced with LED lamps within the first two years of service (by the end of 2014).

Will you add more lights or move current lights?

Street lights are being replaced on a 'like for like' basis. Moving light columns is more complicated than it perhaps appears as we can only move them if the underground conditions allow and it is within two metres of the original location. Any requests for moving columns have to be reviewed on a case-by-case basis. To make an application for a column to be moved at your own expense, visit our website for more information.

What will you do where heritage street lights are in place across the borough?

Most of the heritage street lights in Hounslow are actually replica units. Where required, they will be replaced with new columns and lanterns of identical appearance so residents will not see a change to the look of the street light itself. However, the replacement lanterns will contain a modern LED light source to continue the energy efficient theme. Actual heritage units will be carefully refurbished on an individual basis to ensure we maintain these as sensitively as possible.

Can you control the brightness of the lights?

Hounslow Highways will operate a central management system to allow for the control of the lighting levels and the times when lighting is on in individual streets. This will help us all continue to improve energy consumption and curb carbon emissions, whilst providing street lighting that meets the needs of individual areas.

What will you do with the old columns and lights?

All materials will either be reused or recycled wherever possible. For example, steel columns will be recovered and recycled and concrete columns will be crushed and reused as sub-base for road construction. Any equipment which is in good condition and recovered as the replacement programme progresses will be reused to maintain the other street lighting units awaiting replacement.

Is there a health risk associated with this type of LED lighting?

LED is a low energy light source which has been used successfully and safely in public lighting projects for several years. There are no known health issues associated with the use of the CW (Cool White) LED units that we are using.

Will the light shine in my window?

The light emitted from the LED units is a lot more directional than conventional street lighting. We are confident that stray light will be reduced significantly by using LED lighting.

Why don't you prune the trees before installing the new street lights?

Where possible, we prune trees before installing the new street lights. However in some cases this is not possible due to the large number of lamps being installed across the borough. All street trees in the borough are assessed annually and maintained on a three-year cyclical programme. Where trees are noticeably surrounding street lights we will assess these on a case-by-case basis to decide whether extra pruning is needed.

