

2.15 Street Lighting

The aim of the Herefordshire Street Lighting service is to:

- Create a safer and more secure night-time environment, by providing an energy efficient and cost effective system of street lighting and illuminated signs.

The objectives for new developments are to:

- Reduce crime and the fear of crime;
- Minimise environmental impact;
- Implement Best Practice in systems and operations, including:

Working generally in accordance with:

- BS5489: Code of Practice for Street Lighting;
- County Surveyor's Society (CSS), Road Lighting Maintenance, Code of Good Practice;
- ISO 14001: Good Environmental Management;
- Institution of Lighting Engineers (ILE) Technical Report No.24, Public Lighting Policy for Local Authorities;
- Audit Commission, Management of Highway Maintenance, Section 6 Street Lighting; and
- Institution of Lighting Engineers (ILE) Technical Report No.22, Lighting Columns and Sign Posts: Planned Inspection Regime.



2. DESIGN CRITERIA



The design of lighting installations seeks to minimise both the day and night time impact in rural locations. Whilst best practice in design and advanced luminaire technology is used to achieve these objectives, the desired benefits of lighting must still be achieved.

Illuminated traffic signs and bollards in Herefordshire are provided to meet the requirements of The Traffic Signs Regulations and General Directions Act 1991. The primary objective of this provision is to promote highway safety. It is a legal requirement for mandatory signs to be lit after dark.

UDP Reference S2 Development Requirements DR14 Lighting

Herefordshire is a rural environment and a central issue in lighting design is avoidance of light pollution. Installations should be in accordance with 'Lighting in the Countryside - Towards Good Practice' by DEFRA. Particular attention should be given to the use of 'full cut off lanterns' although the Council will give due consideration to alternative types of lanterns in Conservation Areas.

The design of highway lighting shall be in accordance with BS 5489: 2003 and the Council may require the use of BS EN 13201:2003 in assessing the performance of the lighting installation. Herefordshire Council shall carry out all street lighting designs for the purpose of Section 38 Agreements.

The specification for the light columns, lanterns, luminaires and switchgear is obtained from the Council's Street Lighting Engineer and is site specific.

Where a site lies beyond the limits of an existing lighting scheme it may be necessary for highway safety reasons for the unlit section to be lit at the developers expense.

Full junction lighting may be installed where a new road junction is formed and shall be considered as part of the overall lighting layout.

The Developer will be responsible for the complete installation and commissioning of each lighting unit. It is recommended that road crossing ducts are installed during the road construction. Upon satisfactory inspection of the completed lighting scheme by the Council's Street Lighting Engineer, the Developer shall provide a schedule confirming the technical details and location of each light and a completed electrical company wiring completion certificate. The Street Lighting Engineer will forward this certificate to the appropriate electrical company office.

When the developer changes development layouts, Herefordshire Council must be informed. Herefordshire Council shall carry out any resulting redesign of the street lighting layout.

Adoption of Lighting

The specification for lighting of new developments is designed to ensure that the adopted lighting stock does not consume unnecessary maintenance resources throughout its life. Furthermore the specification ensures electrical and structural safety of the new installation and ensures compliance with other facets of Herefordshire street lighting policy.

A specification is developed to achieve the requirements of each site, and is rigorously enforced to ensure full compliance.

Where lighting is to be adopted under Section 38 of The Highways Act 1980, Herefordshire Council accepts maintenance responsibility for lighting on the issuing of a Part 2 Completion Certificate (Maintenance Period). Prior to this, lighting maintenance and energy cost are the developer's responsibility.

The Developer should also refer to the Specification, which details the specific requirements pertaining to the procurement and installation of street lighting equipment.