

WILTSHIRE COUNCIL

**BRADFORD ON AVON AREA BOARD
19 JANUARY 2011**

**REDUCING UNNECESSARY STREETLIGHTING IN THE BRADFORD ON AVON
COMMUNITY AREA**

1. Purpose of the Report

To gain agreement from the area board on the list of street lights across the community area to be switched off between midnight and 5.30am.

2. Background

£5000 has been made available to each community area for the installation of timing switches for up to 100 street lights. These timing switches enable street lights to be switched off between midnight and 5.30am. The objective of this initiative is to save energy and reduce carbon dioxide emissions and light pollution by reducing unnecessary street lighting.

It costs approximately £50 to install each timing switch. It estimated that the payback on the initial capital outlay is five years and that following this savings could be made of £12.50 each year per streetlight.

Approximately 4.5 – 5.5 tonnes of carbon dioxide would be saved per annum for per lights which are switched off between midnight and 5.30am.

The technology used can be reversed, however this could potentially have a cost implication.

Although 2011/12 funding cannot be guaranteed, it is hoped that more schemes will be considered after the pilot phase.

In September, the Community Area Manager wrote to each of the town and parish councils in the community area asking if they wished to consult with local residents and nominate streetlights to be switched off in their parish.

Parish councils were asked to consider the possible impact of reducing street lighting upon levels of crime and disorder as well as areas with vulnerable residents and locations with a history of accidents where it would not be appropriate to reduce street lighting.

The nominations put forward by Town and Parish Councils have been assessed by the Wiltshire Council street lighting engineers.

3. Main Considerations

All streetlights nominated for conversion are listed in appendix 1.

3.1 Bradford on Avon Town

The submission from Bradford on Avon Town involves switching off a total of 67 columns at an estimated cost of £3,350. A representative from the Climate Friendly Bradford on Avon Group consulted 700 households on 120 nominated lights.

3.2 Monkton Farleigh

The submission from Monkton Farleigh Parish Council involves switching off a total of 25 columns at an estimated cost of £1,250. The Parish Council consulted all households on the proposed lights by delivering notes to all households in the parish.

3.3 Limpley Stoke

The submission from Limpley Stoke Parish Council involves switching off a total of 3 columns, at an estimated cost of £150. The Parish Council has consulted locally and confirmed its support for the conversions.

3.5 Holt

The submission from Holt Parish Council involves switching off a total of 22 columns at an estimated cost of £1100. The Parish Council consulted through the parish magazine and several posters around the Village.

3.6 Winsley

The submission from Winsley Parish Council involves switching off a total of 24 columns at an estimated cost of £1200. The Parish Council consulted through the parish magazine and several posters around the Village.

3.6 Wingfield, Winsley, Westwood and South Wraxall

The parishes of Wingfield, Westwood and Staverton have decided not to nominate any lights to be switched off between midnight and 5.30am. The parish of South Wraxall does not have any streetlights.

4. Environmental Impact of the Proposals

4.1 This initiative seeks to have a positive environmental impact by reducing carbon dioxide emissions. Approximately 4.5 – 5.5 tonnes of carbon dioxide would be saved per annum for every 100 lights switched off between midnight and 5.30am.

5. Financial Implications

5.1 £5000 has already been allocated to the area board to convert up to 100 streetlights.

5.2 A total of 141 streetlights have been nominated in the Bradford on Avon community area. Councillor Dick Tonge has confirmed that additional funding can be made available to convert the additional 41 lights if the parish councils and area board are in favour of these schemes going forward.

6. Legal Implications

There are no legal implications

7. HR Implications

There are no HR implications.

8. Equality and Diversity Implications

There are no equality and diversity implications.

9. Recommendation

It is recommended that:

- a) The area board supports the submissions from Monkton Farleigh, Limpley Stoke, Winsley and Holt Parish Councils and Bradford on Avon Town Council.
 - b) The street lighting team is asked to initiate work on these schemes.
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Appendices:

Appendix 1 – Streetlights nominated for conversion in the Bradford on Avon Community Area.

No unpublished documents have been relied upon in the preparation of this report