

Upgrade Traffic Signal Junctions and Pedestrian Crossings at the junction of New London Road (B1007), Writtle Road, and Elm Road, Chelmsford

Widening of Traffic Signals and Pedestrian Line of Crossing on Elm Road, Chelmsford

STATEMENT OF REASONS

Summary of the Location

Junction of B1007 (New London Road), Writtle Road and Elm Road, Chelmsford

The proposed changes for traffic signals are detailed drawing No. 420927-7J05-00-001

Reasons for the Proposed Changes

Renewal of these junctions is a part of a major refurbishment of traffic signal technology across Essex. The project involves replacing existing equipment with new Extra Low Voltage (ELV) technology in order to enhance reliability, reduce power consumption and increase safety due to ELV.

To ensure that the new installation is to current standards, the width of the pedestrian crossing line on Elm road will be increased by 1.2 metres to an overall width of 3.8 metres.

Benefits of the Proposed Changes

This renewal has provided an opportunity to revise the traffic signals and controlled pedestrian crossings at this junction to comply with current guidance and Disability Discrimination Act best practice. This includes fitting combined Puffin nearside units with push button and wait indicators (replacing the existing far-sided signals).

By using the latest technology, power savings and efficiency can be achieved.