



Hertsmere Borough Council

Elstree Way Corridor
Area Action Plan

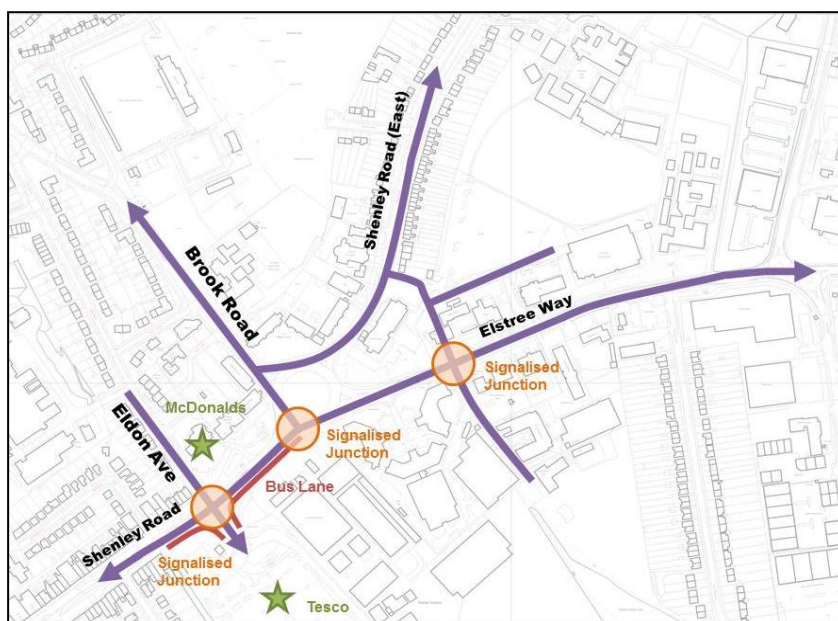
Transport Statement

January 2013

Project:	Elstree Way Corridor	Job No:	60278138
Subject:	Study Overview	Date:	3 January 2013
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AECOM are working with Hertsmere Borough Council (HBC) to prepare robust proposals for a scheme to provide improvements in line with the UTP for all transport modes on Elstree Way Corridor. HBC also require an understanding of how the preferred scheme could be implemented over a series of phases, dependent upon the scale of development and associated funding available. As such AECOM are also investigating and identifying a recommended sequencing, scheme cost estimates will reflect this phased implementation.

In 2010, the Elstree and Borehamwood Transport Study, completed by Colin Buchanan, tested a number of scenarios for the corridor and surrounding road network. Option 2B was the preferred scenario, indicative arrangement below. Subject to further investigation, including traffic modelling, the key principles of this are currently being taken forward in proposals developed by AECOM.



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Key features of the preferred scenario from the Elstree and Borehamwood Transport Study included:

- Shenley Road roundabout removed and replaced with two junctions:
 - Signalised junction at Elstree Way/Brook Road/Shenley Road (west)
 - Priority working (give way) junction at Brook Road/Shenley Road (east)(may need to be signal controlled dependent upon traffic modelling)
- Carriageway width of Shenley Road (west) between junction with Tesco access road, and junction Elstree Way/Brook Road reduced to one lane of general traffic in each direction, plus eastbound cycle lane, and westbound bus lane.
- Bus stops retained in Shenley Road (west).
- Vehicle access to the Film Studios reconsidered
- Tesco roundabout removed and replaced with signalised junction and bus lanes both into the Tesco site.
- Access to/from McDonalds via Eldon Avenue only (no direct access from Shenley Road).
- On-road cycle lanes to be provided in both directions on Elstree Way and Brook Road.
- New pedestrian crossings

Working with HBC, AECOM are preparing preliminary designs for an implementable preferred option that promotes the objectives and principles of Option 2B where possible. Design proposals are being developed in close liaison with HBC and Hertfordshire County Council (HCC) with reference to the Roads in Hertfordshire and Manual for Streets guidance where appropriate.

Designs take due consideration of existing and proposed geometry, traffic signal layouts, pedestrian and cycle facilities (including crossings) and are influenced by factors including safety, amenity, the need to maintain an appropriate level of operational efficiency and aspirations of emerging Area Action Plan (AAP).

As part of the design process the necessary swept path assessments are being undertaken to ensure that all necessary vehicle movements can be achieved. Value engineering principles are also being adopted throughout the design process.

Upon agreement of the preferred option with HBC and HCC, traffic modelling will be re-visited to ensure that the option operates adequately. This will give confidence that the scheme provides the required level of capacity based upon the latest projected flows and any revision to the junctions or links that have arisen during the preliminary design process.