

**APPENDIX C - INTEGRATED TRANSPORT PROJECTS – SCHEME UPDATE JULY 2011**

**Table 1: Schemes being delivered in 2011/12**

Target / County Wide Theme	Location of Scheme	Scheme & Update
Accessibility	Clarendon Road Pedestrian Enhancements Phase 1 (ITP11022)	<p><u>Scheme:</u>            Scheme to improve the pedestrian environment between the town centre and Junction station. Links into the NSIP works and WBC aspirations for the town centre. Phase 1 works include</p> <ul style="list-style-type: none"> <li>▪ improved signage, including street name plates with directional signage and map based interpretation at the station and town centre.</li> <li>▪ Removal of street clutter and rationalisation of signs. (The location of variable message signs and signs for the new short stay station car park are being incorporated)</li> <li>▪ Level access across all side road junctions</li> </ul> <p><u>Update:</u></p> <ul style="list-style-type: none"> <li>▪ The public consultation has now taken place with two minor comments received in relation to the street name plates.</li> <li>▪ Construction dates for the works are now being confirmed for the highways works. This is likely to be in the fourth quarter of the financial year (Jan – Mar 2012).</li> <li>▪ HCC will be looking to co-ordinate these works with the NSIP project including related car park signage works and the Woodford Road parking scheme which will be pay on street.</li> <li>▪ A sample of the new street name plates to include directional signage to be used in Clarendon Road will be in the Town Hall in July. Officers want to make sure that the amount of information is appropriate to the environment they will be located in. It is intended that the street name plates will be ordered and erected later in the Summer.</li> <li>▪ WBC are also procuring a small piece of work to provide a Town Centre Signage Strategy. It is planned to appoint a consultant later this Summer. There will be a stakeholders meeting as part of this process. Funding is available within the Clarendon Road Phase 1 project to install fingerpost signage at the station whilst the NSIP works are ongoing and at the High Street / Clarendon Road junction, which will be part of the area the strategy considers.</li> <li>▪ HCC and WBC are meeting with South West Herts College on 06 July to discuss how the college could be involved in designing a vinyl wrap for the subway underneath Beechen Grove. Once designed the intention is to use the same company installing the wrap on the Town Hall subway later this month.</li> </ul>

<p>Congestion</p>	<p>Intelligent Transport Strategy:</p> <ul style="list-style-type: none"> <li>▪ Watford Variable Message Signs &amp; Car Park Guidance (TIS 10006)</li> <li>▪ Watford ANPR Journey Time Monitoring (TIS 10003)</li> <li>▪ Watford Congestion CCTV (TIS 10001)</li> </ul>	<p><u>Variable Message Signs (VMS):</u></p> <ul style="list-style-type: none"> <li>▪ The signs around Watford town centre and at key junctions further out of town have now been erected and are operational.</li> <li>▪ The signs were quickly utilised the day they were operational when there was a Police incident in the town centre and the Ring Road was closed for a number of hours.</li> </ul> <p><u>Automatic Number Plate Recognition Cameras (ANPR):</u></p> <ul style="list-style-type: none"> <li>▪ The ANPR cameras are scheduled to be installed during Autumn.</li> <li>▪ These will solely be used to measure journey times to assist movement of traffic with information relayed to the VMS signs.</li> </ul> <p><u>CCTV:</u></p> <ul style="list-style-type: none"> <li>▪ It is intended to install 9 CCTV at key points on the network.</li> <li>▪ A timetable for implementation is being finalised, but this should be in the Autumn.</li> <li>▪ Comments to be requested from members beforehand.</li> </ul>
	<p>ITS Junction Refurbishments:</p> <ul style="list-style-type: none"> <li>▪ Hempstead Road nr Ridge Lane, Watford (LGH10044)</li> <li>▪ <b>St Albans Rd nr Bruce Grove, Watford (TIS 12001)</b></li> <li>▪ Whippendell Road / Hagden Road Watford (TIS 12003)</li> <li>▪ <b>St Albans Road nr Cromer Road (TIS 12005)</b></li> </ul>	<p>Besides the refurbishment works taking place at the locations listed additional works will take place at the locations highlighted in black. These additional works follow the recommendations from the 'Quick Wins' section in the Watford Congestion Study.</p> <p>Works are scheduled to take place later in 2011/12.</p>

**Table 2: Schemes being investigated in 2011/12**

Target / County Wide Theme	Location of Scheme	Brief Background
Accessibility	Clarendon Road Enhancements Phase 2 (ITP12037)	<p>Design and consultation on the 2<sup>nd</sup> phase which will include:</p> <ul style="list-style-type: none"> <li>▪ A better crossing facility across Clarendon Road near the railway station and Woodford Road</li> <li>▪ Improved cycling facilities on road including advanced stop lines</li> </ul> <p>Design work is ongoing at present. A more detailed update will be provided for the October JMP report.</p>
	Langley Road / Stratford Road Pedestrian Crossing (ITP12038)	<p>Investigations have taken place to consider whether a crossing facility across Langley Road near Stratford Road can be accommodated.</p> <p>The main issue at the site is visibility which is only 56m at the desire line for a crossing. For a crossing to be implemented physical measures would be required to slow traffic down to an appropriate level adding to the costs of the scheme.</p> <p>This coupled with a low crossing count of 68 over a 12 hour period - the recommendation is not to provide a crossing facility at this location.</p>
	Horseshoe Lane Pedestrian Crossing (ITP12065)	<p>A feasibility study has now been completed investigating the installation of a crossing facility across Horseshoe Lane between Boundary Way (one way) entry side and Newhouse Crescent.</p> <p>It recommends that a puffin crossing should be installed at this location and is supported by the pedestrian crossing data collected. A pelican and zebra crossing were also considered.</p> <p>The study also recommends:</p> <ul style="list-style-type: none"> <li>▪ Pedestrian footway links are made with the nearby bus stop lay-by works proposed for the north side of Horseshoe Lane.</li> <li>▪ Between 3 and 4 on street parking spaces will need to be removed to provide the required visibility</li> <li>▪ Associated signs, anti-skid and road markings</li> </ul> <p>The next steps will be member &amp; public consultation, a stage 2 safety audit, and a detailed statutory undertakers</p>

		<p>plant check. Then detailed design work can commence. The scheme will be put forward for build funding in 2012/13.</p>
<p>Quality of Life</p>	<p>Watford 20mph Limits &amp; Zones</p> <ul style="list-style-type: none"> <li>▪ West of St Albans Road (ITP12036)</li> <li>▪ Alexandra Road Area (ITP12035)</li> <li>▪ Park Avenue (ITP12066)</li> </ul>	<p>The feasibility studies have been completed for the three locations. Next steps will include member &amp; public consultation, stage 2 safety audits, street lighting assessments, and preparation of traffic regulation orders. The schemes will be put forward for 2012/13 build funding. The recommendations are summarised below:</p> <p><u>West of St Albans Road (ITP 12036):</u>  <i>Victoria Road, Regent Street, Cecil Street &amp; Judge Street.</i></p> <ul style="list-style-type: none"> <li>▪ A 20mph zone encompassing the roads listed above.</li> <li>▪ Existing vehicle speeds will require traffic calming features in the roads to bring speeds down to the necessary level.</li> <li>▪ Speed tables at junctions will also provide step free access across these junctions for pedestrians.</li> </ul> <p><u>Alexandra Road Area (IT 12035):</u>  <i>Alexandra Road, Denmark Street, Nascot Street, Essex Road &amp; Malden Road</i></p> <ul style="list-style-type: none"> <li>▪ A 20mph zone encompassing the road listed above.</li> <li>▪ This will be lines and signs only in all roads except in Alexandra Road which will require 4 flat top humps.</li> <li>▪ The study has also identified the option of considering Stamford Street and Nascot Road as a 20mph zone between Langley Road and Park Road. Speed checks undertaken show that 3 flat top humps would be required in Nascot Road</li> </ul> <p><u>Park Avenue (ITP 12066):</u>  <i>Park Avenue only – other surrounding roads already a 20mph Zone.</i></p> <ul style="list-style-type: none"> <li>▪ Expanding the 20mph zone to include Park Avenue with the installation of flat top humps</li> <li>▪ Signage alterations to expand the existing zone, requiring removal of some signs and new signs in Park Avenue.</li> </ul>