

APPENDIX C - INTEGRATED TRANSPORT PROJECTS – SCHEME UPDATE
APRIL 2012

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"> ▪ improved signage, including street name plates with directional signage and map based interpretation at the station and town centre. ▪ 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) ▪ Level access across all side road junctions <p><u>Update:</u></p> <ul style="list-style-type: none"> ▪ SNP's: The street name plates have now been all erected ▪ Main Highway Works: These have now been completed, bar one or two minor items/ ▪ Clarendon Road / Beechen Grove Subway: A brief has now been agreed between HCC, WBC and the college to provide a design to cover the ramp walls and subway. There will be an overarching theme of 'Watford's Culture.' Design work will be completed by the end of the current financial year. The vinyl will be applied early in 2012 / 2013. We intend to use the same company that provided the enhancements on the Town Hall subway earlier this year.
Congestion	Intelligent Transport Strategy: <ul style="list-style-type: none"> ▪ Watford Variable Message Signs & Car Park Guidance (TIS 10006) ▪ Watford ANPR Journey Time Monitoring (TIS 10003) ▪ Watford Congestion CCTV (TIS 10001) 	<p><u>Automatic Number Plate Recognition Cameras (ANPR):</u></p> <ul style="list-style-type: none"> ▪ The variable message signs (VMS) and automatic number plate recognition cameras (ANPR) have now all been installed. ▪ Note that the ANPR cameras will be used to measure journey times to assist movement of traffic with information relayed to the VMS signs.. ▪ The CCTV cameras have now also been installed.

	<p>ITS Junction Refurbishments:</p> <ul style="list-style-type: none">▪ Hempstead Road nr Ridge Lane, Watford (LGH10044)▪ St Albans Rd nr Bruce Grove, Watford (TIS 12001)▪ Whippendell Road / Hagden Road Watford (TIS 12003)▪ St Albans Road nr Cromer Road (TIS 12005)	<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>All works on the sites will be completed by the end of March 2012.</p>
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Table 2: Schemes investigated in 2011/12

Target / County Wide Theme	Location of Scheme	Brief Background
Accessibility	Clarendon Road Enhancements Phase 2 (ITP12037)	<p>Further feasibility and design work has taken place on the second phase of the Clarendon Road enhancements project. This includes consideration of:</p> <ul style="list-style-type: none"> ▪ A better crossing facility across Clarendon Road near the railway station and Woodford Road o/s No. 64 ▪ Improvements to the existing crossing facilities at St Johns Road ▪ Improved cycling facilities on road including advanced stop lines <p>A feasibility report will be completed by the end of March 2012. The report is also taking into account proposals to improve safety at the Station Road / Woodford Road junction, particularly in relation to cyclist accidents.</p>
	Horseshoe Lane Pedestrian Crossing (ITP12065)	<p><u>Scheme:</u></p> <ul style="list-style-type: none"> ▪ Installation of a puffin crossing facility across Horseshoe Lane between Boundary Way (one way) entry side and Newhouse Crescent. ▪ Application of anti-skid surfacing on the approaches to the crossing ▪ Footway resurfacing either side of the crossing point <p><u>Update:</u> The final design is now nearing completion. The scheme is included in the capital bid for 2012/13. The project is programmed to be constructed in Summer 2012.</p>
Quality of Life	<p>Watford 20mph Limits & Zones</p> <ul style="list-style-type: none"> ▪ West of St Albans Road (ITP12036) ▪ Park Avenue (ITP12066) 	<p><u>1) West of St Albans Road (ITP 12036):</u></p> <p>a) Scheme Summary: <i>Victoria Road, Regent Street, Cecil Street & Judge Street.</i></p> <ul style="list-style-type: none"> ▪ A 20mph zone encompassing the roads listed above. ▪ Existing vehicle speeds will require traffic calming features in the roads to bring speeds down to the necessary level. ▪ Speed tables at junctions will also provide step free access across these junctions for pedestrians. ▪ The report identified other roads which could be considered for a 20mph limit / zone west of Leavesden Road. However, at present the priority will remain with the streets listed above. <p>b) Update:</p> <ul style="list-style-type: none"> ▪ The detailed design is now nearing completion. ▪ The scheme is in the 2012/13 capital bid and is scheduled for construction in Summer 2012.

		<p><u>2) Park Avenue (ITP 12066):</u></p> <p>a) Scheme Summary: <i>Park Avenue only – other surrounding roads already a 20mph limit.</i></p> <ul style="list-style-type: none">▪ Expanding the 20mph zone to include Park Avenue with the installation of flat top humps▪ Signage alterations to expand the existing zone, requiring removal of some signs and new signs in Park Avenue. <p>b) Update:</p> <ul style="list-style-type: none">▪ The detailed design is now nearing completion.▪ The scheme is in the 2012/13 capital bid and is scheduled for construction in Summer 2012.
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Table 3: Schemes to be investigated in 2012/13

The following schemes have been selected for investigation in 2012/13.
The list will be finalised at the end of March 2012.

Target / County Wide Theme	Location of Scheme	Brief Background
Major Projects	ITP13081: Croxley Rail Link Wider Public Realm [West Watford]	<p>A number of wider realm projects to provide added value to the Croxley Rail Link have been identified in the West Watford area. These centre around the two new stations at Ascot Road and Watford Hospital and the current terminus station at Watford Met.</p> <p>A feasibility study will be completed by the end of June 2012 to consider pedestrian and cyclist improvements along the following routes:</p> <ol style="list-style-type: none"> 1) Ascot Road Station to Watford Grammar School and Cassiobury Park Avenue 2) Vicarage Road between Watford Hospital Station and the Hagden Lane / Willow Lane junction. Links continuing along Hagden Lane and Queens Avenue towards Rickmansworth Road will also be considered/
Accessibility	ITP13077: Watford Business Park Accessibility [Greenhill Crescent & Caxton Way]	<p>A number of issues have been identified in the Watford Business Park which hinder accessibility to the site. Investigations will focus on providing improvements for pedestrians and bus users accessing the site. Consideration will also be given to cyclists.</p> <p>Some of the initial issues that will require investigation include:</p> <ul style="list-style-type: none"> ▪ Vehicles parked on the footways limiting pedestrian accessibility and usage of bus stops ▪ Inadequate pedestrian facilities along Greenhill Crescent and Caxton Way ▪ Improved links on to the Ebury Way and into Wolsey Business Park for pedestrians and cyclists.
Cycling	ITP13073: Market Street Cycle Route	<p>This scheme has been identified in the South West Herts Cycling Strategy (SWHCS). The project would aim to improve cycle access into the town centre from the western side of the town. The study will focus on the 'pro-forma' included in the SWHCS which indicates investigation of:</p> <ul style="list-style-type: none"> ▪ A contra-flow cycle lane in Market Street between the High Street and Exchange Road ▪ Upgraded crossing point for cyclists across Exchange Road

		<ul style="list-style-type: none"> ▪ Links from Exchange Road to Merton Road via either Market Street or St Marys Road. <p>The study will take into account other projects progressing within the town centre.</p>
	<p>ITP13074: A4145 Hornets Gyratory</p> <p>[Vicarage Road, The Hornets, Wiggenhall Road]</p>	<p>This scheme has been identified in the South West Herts Cycling Strategy (SWHCS). The study will focus on the 'pro-forma' included in the SWHCS which indicates investigation of:</p> <ul style="list-style-type: none"> ▪ Installation of a cycle lane around the Hornets between Vicarage Road and Merton Road ▪ Widening of the carriageway on Wiggenhall Road near the Vicarage Road junction to accommodate a cycle lane. Vehicles accessing Wiggenhall Road from Vicarage Road come into conflict at this location.
<p>Congestion (Safety) (Cycling)</p>	<p>ITP13080: Dome Roundabout</p> <p>[The Dome, St Albans Road, Cow Lane, Colne Way / North Western Avenue]</p>	<p>The study will focus on two junctions in the vicinity of the Dome Roundabout:</p> <ol style="list-style-type: none"> 1) Cow Lane jw St Albans Road 2) The Dome jw Colne Way / North Western Avenue <p>Congestion: Consider what congestion reducing / capacity increasing works could be implemented at the two junctions. (Focus on jw North Western Avenue).</p> <p>Safety: Consider improvements to reduce pedestrian / vehicle conflicts at the two junctions. Concerns have been expressed over red light running.</p> <p>Cycling: Bear in mind the future proposed A412 cycle route which indicates the existing crossing of the A41 on the south east side will be upgraded to a toucan crossing</p>
<p>Quality of Life</p>	<p>ITP13090: Langley Way Shops</p> <p>[Langley Way & Cassiobury Drive]</p>	<p>Carry out investigations to consider access improvements to the local shops in Langley Way by sustainable modes. Also work in partnership with Watford Borough Council on options for improving the parking arrangements in this area.</p>