



ESSEX COUNTY COUNCIL WITH BOROUGH OF BRENTWOOD LOCAL HIGHWAY PANEL – 22nd OCTOBER 2013

Date: Tuesday 22nd October 2013
 Time 19:00 hrs
 Venue: Council Chamber, Brentwood Borough Council

Chair Cllr Keith Parker BC Member.

Panel Members Cllr Naylor CC Member (Deputy Chair), Cllr Aspinell CC Member, Cllr Kendall CC Member, Cllr Hirst CC Member Cllr Hossack BC Member, Cllr Sparling BC Member and Cllr Russell BC Member.

Other Attendees Cllr Johnson CC Member (Deputy Cabinet Member for Highways), Adrian Tidbury (BBC), Jean Sharp (BBC) Hannah Neve (ECC) and Chris Stoneham (ECC), Steven Bickers (ECC)

Time	Item	Lead:	Papers:
1	Welcome and Introductions	Chair	Verbal
2	Declarations of Interest	All	Verbal
3	Apologies for absence	All	Verbal
4	Minutes from Previous Meeting		
5	Update on schemes approved <ul style="list-style-type: none"> o Schemes Recommended 2012-13 o Schemes Recommended 2013-14 o Bus Stop locations update 	SB	Report 1 Report 2 Report 2.1
6	Scheme Requests <ul style="list-style-type: none"> o Scheme Request Report 	SB	Report 3
7	Schemes to Consider for Funding <ul style="list-style-type: none"> o Schemes for Funding Report 	SB	Report 4
8	Highway Rangers Report	SB	Report 5
9	Capital Maintenance Programme (for information)	SB	Report 6
10	Items for Future Meeting	Chair	Verbal
11	Any other business	Chair	Verbal
12	Date of next meeting: Monday 20 th January 2014 19:00 hrs	Chair	



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BRENTWOOD LOCAL HIGHWAYS PANEL

1ST JULY 2013

PRESENT: Cllrs Dr Naylor (ECC- Acting Chair), Hirst (ECC), Kendall (ECC), Hossack (BBC), Russell (BBC) and Sparling (BBC)

APOLOGIES: Cllrs Aspinell (ECC) and Parker (BBC)

ALSO PRESENT: Cllr Chilvers (BBC)

OFFICERS: Adrian Tidbury (BBC), Jean Sharp (BBC), Steven Bickers (ECC), Hannah Neve (ECC) and Chris Stoneham (ECC)

1. **WELCOME FROM ACTING-CHAIR:** Cllr Dr Naylor, the Acting Chair, welcomed Members to the meeting.

A Member requested that a link be included on the BBC website to access LHP information on the ECC website.

ECC website - LHP page link: <http://www.essexhighways.org/Local-Highway-Panel.aspx>

2. **VARIATION IN THE ORDER OF THE AGENDA:** In view of the public attendance the Acting Chair agreed to consider '**Schemes Awaiting Validation**' as the next item.

Updates were received on the following schemes:

1. Station Road, West Horndon – proposed zebra crossings - a suitable location had been identified close to the station for one crossing with an estimated cost of £37k. (Cllr Hossack declared a non-pecuniary interest under the Council's Code of Conduct).
2. A128 Ongar Road/Ashwells Road – since the formal crossing was not to be proceeded with, alternative measures were to be considered. Formal validations needed to be carried out and speed surveys were to be re-run.

All three of the proposed options in the report were supported by Members:

- Extending the school lay-by/footway in Ashwells Road
- Extending waiting restrictions from Ongar Road junction to the school zigzags in Ashwells Road
- Potential investigation into VAS signage on Ongar Road

Members were advised that preliminary design costs were estimated at £20k.

Members requested that hedging be cut back and the paved areas on the corners of Ashwells Road be repaired and it was suggested that vehicles should park end-on.

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RESOLVED that ECC officers request the design team explore the above proposals.

3. A128 Tilbury Road pedestrian refuge – A scheme was proposed at an estimated cost of £12k plus £2.5k for preparation and design work. Other schemes were also being considered.

An update would be made at the next LHP meeting.

4. Hall Lane, Shenfield - speeding concerns. A speed survey indicated average vehicle speeds of 16.8 mph. ECC Network Management team suggested the 30mph speed limit be extended and gateway signs be incorporated which Members welcomed.

An update would be made at the next LHP meeting.

5. School Road, Kelvedon Hatch - 20mph request. Members agreed to fund the required speed survey (£210).

6. A128 Hutton Road/Shenfield Road traffic signals. A request was received to alter the phasing at traffic signals or widen pedestrian refuge to accommodate pedestrians going to school.

7. Ingrave Road Speed Survey. This had taken place and average speeds measured 30-33mph north-westbound and 32-33mph south-eastbound.

8. Orchard Lane, Pilgrims Hatch Speed Survey. This had taken place and average speeds measured 25-27mph westbound and 27-29 mph eastbound.

9. Doddinghurst Road Speed Survey. This had taken place and average speeds measured 28-33mph northbound and 29-34 mph southbound.

10. Alexander Lane Speed Survey. This had taken place and average speeds measured 31-33mph south-westbound and 30-32 mph north-eastbound.

At a Member's request ECC officers agreed to forward complete speed surveys.

Members noted the updates on the schemes awaiting validation.

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4. **APPROVED SCHEMES UPDATE:** Members were pleased to note that the Cycle Storage Scheme at Shenfield Station had been completed, also the new footway in Billericay Road, Herongate.

Weald Road - Members requested a site map to show the location of the proposed reflector posts.

BSI schemes at a) Garden Centre, Brentwood Road, Ongar; b) Whadden Chase, Ingatestone; c) Danes Way, Pilgrims Hatch - clarification of completion dates needed for a) and b) and a way forward needing to be identified for c).

An update on would be made at the next LHP meeting.

Thorndon Park - improvement to bellmouth.

Members requested that location details be forwarded onto them.

Brentwood Borough Cycling study to be undertaken and periodically reported at LHP meetings. Members advised that BBC officers had prepared a detailed cycle study in the past.

Rayleigh Road - rephasing traffic lights. This scheme was being progressed with Essex ITS.

PROW38 - Ingatestone. Works were progressing but agreement with the landowner needed to be reached.

Crown Street pedestrianisation: The likely completion date was July 2013. Members noted an additional £11k was taken from the budget to proceed with the scheme. Hanging Hill Lane safety scheme - proposals were with design team. No construction date was given.

The bus stop opposite Fen Close, Shenfield had been installed and the stop in Crescent Road, Brentwood was to be installed July 2013 if no objections were received. The proposed stop at Hornbeam Close was awaiting assignment to an engineer.

Members requested the location of the Hornbeam stop.

(Cllr Sparling declared a non-pecuniary interest under the Council's Code of Conduct by virtue of having a business in Danes Way, Pilgrims Hatch).

3. **POTENTIAL SCHEME LIST FOR 2012-13:**

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1. Honeypot Lane: Members received a detailed report regarding a request for additional signage in support of the existing 20mph zone and concerns relating to traffic speeds in the road.

Three options were provided for Members' consideration and a Ward Member proposed that residents should be consulted on these before a decision was made.

Members RESOLVED to recommend Option 2, i.e.

Revert the 20 zone to a 20mph limit whereby repeater signage could be introduced within the extent of the limit, this would mean amending the Traffic order but it would allow for those roads currently excluded to be incorporated into the Traffic Order. However, as per my comments above police activity to enforce this limit will be unlikely unless there is a significant excessive speeding issue.

2. Prow Scheme for Footpath 76 & 77 (Brentwood) – Surface Improvements of Local Links & Access to St Martins School

The public rights of way to be improved by laying road planings were the entire length of Footpath 77 and part of Footpath 76. These footpaths formed a valuable off road pedestrian route between Hall Green Lane and Hanging Hill Lane, providing a direct link between a residential area and St Martins School.

Members RESOLVED to agree the progression of the scheme and suggested it should be undertaken during the summer holidays.

ECC officers advised that a letter would be sent to all residents whose gardens backed onto the footpath regarding the planned works.

(Cllr Sparling declared a non-pecuniary interest under the Council's Code of Conduct by virtue of a family member attending St Martin's School).

3. Prow Scheme for Byway 15 - Surface Improvements of Local Links & Access to Bentley St Paul's Church of England Primary School

The public right of way to be improved was part of Byway 15, also known as Hulletts Lane. This by-way provides a valuable off road route for a variety of users from Pilgrims Hatch to Bentley St Paul's Church of England Primary School. Works would

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involve filling ruts and hollows with crushed concrete up to surrounding ground level and topping this with a compacted 200mm deep layer of road planings.

Investigations would also be undertaken to establish the cause of flooding of the by-way.

RESOLVED that the scheme be progressed as outlined in the report at an indicative cost of £35,000.

4. ECC Casualty Reduction Site Investigation 2013/14 - Wilson's Corner Traffic Study: A report was before Members detailing the findings of the investigation and following the site inspection and an analysis of the previous Personal Injury Collisions, it was recommended that the following measures are undertaken:

1. A detailed traffic study should be undertaken to assess current and predicted motorised traffic and pedestrian traffic flows and undertake detailed traffic modelling to assess the impact of installing traffic signals at the junction incorporating crossing facilities on all approaches.
2. We are aware that the junction was previously controlled by traffic signals and these were removed approximately 25yrs ago as they were judged to be inefficient. It should be noted that improvements made in the technology used in traffic signals and the level of changes in traffic flows over this time mean that any proposal to re-introduce traffic signals at the junction should not be judged based on the efficiency of the previous system.
3. Subject the results of the traffic study, traffic signals should be provided at the junction incorporating crossing facilities on all approaches.
4. It should be noted that due to the high costs involved in providing traffic signals at such a large and complex junction it would not be possible to achieve the required minimum 200% 'First Year Rate of Return' to be classed as a casualty reduction scheme but it should also be noted that this is the only feasible solution to reduce collisions at this location and the provision of traffic signals could potentially provide other benefits such as reducing congestion through this key junction.
5. It should be noted that there is currently a planning approval (Ref: BRW/729/08) for a nearby development within William Hunter Way and amongst the contributions included in the Section 106 agreement for this development is a Highway Works Contribution of £300,000 for 'Highway improvements at the Wilson's Corner and/or William Hunter Way junctions', so should this development go ahead there will be an opportunity to make use of this funding towards the potential traffic signalisation of the junction.

Based on the recommendations the target costs are estimated at:

- Detailed Traffic Study: £5,000
- Installation of Traffic Signals: £250,000

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ECC officers would update the Panel regarding the possibility of accessing Section 106 monies as detailed above.

RESOLVED that traffic study to assess the impact of installing traffic lights at Wilson's corner be progressed as recommended above at an indicative cost of £5,000.

5. ECC Casualty Reduction Site Investigation 2013/14 - Chequers Road J/w Wrightsbridge Road, South Weald

It was noted that the junction referred to was Chequers Road and Weald Road (not Wrightsbridge Road). A report was before Members detailing the findings of the investigation and following the site inspection and an analysis of the previous Personal Injury Collisions, it was recommended that the following measures are undertaken:

1. Provide an 'Advanced give way' warning sign to TSRGD dia.501 and supplementary plate to TSRGD dia.503 are provided on the Wrightsbridge Road north-west bound approach to the junction. The signs should be shown together on a yellow backing board with size and location in accordance with Traffic Signs Manual Chapter 4 Appendix A.
- 2 Replace the existing 'Give way' sign to TSRGD dia.602 provided on the Wrightsbridge Road north-west bound approach to the junction with a yellow backed version. Size and location in accordance with Traffic Signs Manual Chapter 4 Appendix A.
3. Replace the existing 'Side road ahead' warning sign to TSRGD dia.506.1 on the Chequers Road northbound approach to the junction with a yellow backed version including a 'Distance to hazard' supplementary plate to TSRGD dia.572. Size and location in accordance with Traffic Signs Manual Chapter 4 Appendix A.
4. Provide a small traffic island including appropriate traffic bollard to the centre of the carriageway on Wrightsbridge Road set back from the give way line. This should increase the conspicuity of the junction for motorists approaching from all directions and also prevent motorists from cutting the corner as they turn right from Chequers Road into Wrightsbridge Road.
5. Provide a local directional sign opposite the Wrightsbridge Road approach to further highlight the presence of the junction for motorists travelling on this approach.
6. Refresh all worn road markings throughout the junction and on approaches.
7. As this site is within a 60mph speed limit all new traffic signs must comply with passive safety regulations.
8. Ensure that any overgrown vegetation that affects visibility splays or traffic signs is cut back and maintained on a regular basis.

Based on the measures recommended above in item 6 the target costs had been estimated at £20,000.

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RESOLVED to recommend this scheme proposal.

6. St Anne's Road, Mountnessing

Members received a report to advise on a series of non-injury accidents that had occurred on St Anne's Road, following a request from a resident and the MP.

Following discussions with the County's Network Management team and Essex Police it is felt that the bends along the entire route could benefit from the following additional measures:

- Introduce hazard marker posts on bends.
- Additional chevron sign
- Improved warning signs for the double or single bends as appropriate possibly with a distance plate (grey backed if necessary).
- The road is on the reserve list for the surfacing dressing programme for 2013/14
- Ditch running alongside Thoby's Farm. (see above) appears to be blocked, which might mean that any carriageway surface water would run down the road instead of into ditch. This had the potential to cause a wet and icy road surface.

Currently the road had very few measures along the route and those measures that were in place appeared to be in a poor condition or missing altogether

The general view was that there were a number of measures that could be introduced to improve and highlight the road layout.

The location had recently been validated and had been added to the potential schemes list.

The proposals had been validated and a budget of £7,000 was recommended to allow for the design fees plus signs installation.

It was also recommended that a drainage engineer is consulted to review any improvements that could be made to the existing set-up following the maintenance and clearing of ditches.

An initial investigation into possible drainage improvements would cost an additional £500. The cost of any drainage improvement works cannot be suggested at this early stage until this aspect has been investigated further.

RESOLVED to progress the recommended improvements as set out above.

7. Hanging Hill Lane – speed concerns. The report advised Members on the

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speed survey results that were undertaken at two locations on Hanging Hill Lane near St Martins School following a request for a zebra crossing to be installed.

Survey 1 was carried out at Hanging Hill Lane- 19 metres North of Hove Close - average results over a seven day period for northbound vehicles were 38.7mph and 36.1mph for southbound vehicles during the twelve hour period (7am to 7pm).

Survey 2 was carried out in Hanging Hill Lane – 72 metres south of Park Avenue. The combined average results over the seven day period for northbound vehicles were 38.5mph and 38.2mph for southbound vehicles during the twelve hour period (7am to 7pm).

The results of the speed surveys indicated that the speeds were too high at both sites to consider a zebra crossing in the vicinity of the school - the speeds would need to be below 35mph. In addition to this there are site constraints whereby there was a consistent footway on only one side of the road. On the opposite side to the school the verge did not form part of the highway boundary and as such would need to be dedicated/ purchased to continue the footway on this side.

The other option discussed previously was the introduction of a speed activated sign and from the speed survey results; both sites would meet the criteria.

Members noted that following discussions with the Police Traffic team, their motorcycle unit had been monitoring Hanging Hill Lane on average once a month since January and they had issued fixed penalty tickets, a verbal warning, and a number of drivers have been referred to speed awareness courses or referred to court.

It was suggested that ECC Officers make a road safety presentation to St Martin's School. ECC Officers have advised that there is no longer a team or capacity at ECC to undertake this request.

RESOLVED that:

The installation of VAS signs be progressed.

(Cllr Sparling declared a non-pecuniary interest under the Council's Code of Conduct by virtue of a family member attending St Martin's School).

8. Warley Hill/ Proposed Tesco Express, Warley: The report concerned the request from residents for a new zebra crossing to be installed in the vicinity of the proposed site of a new Tesco Express near Lorne Road on the former Public House site. It had been established that Tesco would be willing to contribute towards the cost of a crossing.

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Taking all matters into consideration it was recommended and RESOLVED that

1. Clarification be sought from Tesco regarding their proposed contribution towards the scheme, any shortfall needing to be funded from the Local Highways Panel.
2. A formal validation be made of the site to identify a viable location but await the results of a pedestrian/ vehicle survey being undertaken when the store opens.
3. Officers seek a view from ECC Governance regarding entering into any agreement with Tesco.
4. A speed and commercial vehicle survey be undertaken of the location.

9. Knights Way and Cherry Avenue – speeding issues

Members noted that a speed survey was undertaken 55 metres west of Lime Avenue on Cherry Avenue in April 2009 but there was no record of a previous speed survey being carried out on Knights Way. The results of the 2009 speed survey for Cherry Avenue highlighted the following speed and volume results:

During the twelve hour period (7am-7pm) there were 825 vehicles travelling eastbound. The average speeds were recorded at 26.9mph.

During the twelve hour period (7am-7pm) there were 829 vehicles travelling westbound.

The average speeds were recorded at 27.2mph.

Both Knights Way and Cherry Avenue had a certain amount of 'onstreet' parking however this has minimal impact on reducing vehicle speeds.

RESOLVED that:

1. The road markings in both locations be renewed.
2. Speed surveys be undertaken in Cherry Avenue and Knights Way and other locations where speeding had been identified, then the speeds could be reviewed when this information was available.

The cost for undertaking a speed survey for Three Arch Estate, Newham Estate and Hogarth area which includes both Knights Way and Cherry Avenue would be £1,890.

10. Other potential schemes were listed:

Eagle Way – 'Devil's Head':

RESOLVED that:

1. Speed surveys be undertaken when considered appropriate.
2. Consideration of the installation of an additional 'Give Way' sign approaching the junction from Childerditch Lane.

[ECC-Bickers]

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Passenger Transport Schemes

RESOLVED that Passenger Transport schemes listed (a. Brentwood Rail Station - IT648 - Station Improvements and improvements to passenger transport arrangements, b. Shenfield Station - Station Improvements and improvements to passenger transport arrangements and c. A129 Rayleigh Road/Alexander Lane - IT059 Mini RAB capacity improvements) would be considered at a future meeting.

Regarding a bus stop request that had been previously discussed, a Member requested that a formal approach be made to the Spire Hartswood Hospital for a contribution to provision of a bus stop in Eagle Way.

Minor Schemes:

Priests Lane: Options to improve visibility and the issue of a section of narrow footway continue to be investigated.

RESOLVED to approve undertaking a detailed study of options.

Harewood Road: RESOLVED to progress installing additional pram crossing.

[ECC-Bickers]

Hartswood Road – The speed survey conducted in April found the average traffic speeds were consistently recorded above 35mph over a twelve hour period.

RESOLVED that residents be consulted on the installation of VAS signs.

A128 – Brentwood Crematorium - Black and white direction signs 90-150m in advance of the entrance to the crematorium were requested. The request has been validated and was seen as a justifiable.

RESOLVED that signs be installed and funded from the ad hoc signage fund.

A128 Ongar Road, Kelvedon Hatch - Pedestrian Refuge requested by Parish Council.

RESOLVED to provide design funding.

Ingrave Road near Orchard Avenue - Additional guard railing was requested.

RESOLVED to support request but to reduce cost if possible.

Orchard Avenue junction with Ingrave Road – A pedestrian refuge upgrade had been requested.

RESOLVED to provide design funding.

4. **HIGHWAY RANGERS AND REVENUE EXPENDITURE:** Members received a report regarding work carried out by the Highway Rangers.

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RESOLVED to set aside £8,500 to fund ad hoc signs requests. ECC Officers have advised that ad hoc funds cannot be approved. Each funding request must relate to a specific scheme or survey location.

RESOLVED that Safety Assessments for zebra crossings at Kings Road, Pondfield Lane and Hartswood Road be funded.

5. **CAPITAL MAINTENANCE 2013/14:** Members received an update on the proposed capital maintenance programme for the 2013/14 financial year.
6. **FUNDING UPDATE:** ECC officers advised that, including slippage from 2012/13, £650k of funds was available for the Panel to allocate for 2013/14. £150k had been allocated during the current meeting therefore £500k remained to be allocated.

At each LHP meeting, ECC officers would provide an update on timescales for schemes, allocated budget for schemes and the final spend on schemes.

A Member requested that details of completed schemes be published.

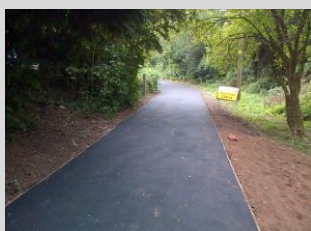
scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
CAPITAL SCHEMES in PROCESS (2012-13)									
Minor Schemes									
LBRE00 2002	DC1470	Thorndon	Country Park entrance. A128 Brentwood Rd	Bellmouth improvement	£20,000	Oct 2012	14.10.12	31.3.14	Design circulated to LHP 14.10.13
LBRE00 7001	ITS TBC	Hutton	Rayleigh Road j/w Poplar Drive	Traffic Signal adjustment investigation for congestion at peak times	£6,000	Nov 2012	4.12.12	31.3.14	Investigation proceeding
LBRE13 2016	TBC	West Horndon	Station Rd	Guard rails - extend by approx. 6 panels at existing ped. Crossing	£600	Sept 2012	2.10.12	31.3.14	This was not programmed Oct 2012. Original CM Approval (2.10.12) was incorrectly under revenue which no longer exists for 2012-13. Re-approved 9 Oct.13 for delivery 2013-14. Original £600 estimate unlikely to be sufficient - top up may be required. Similar schemes are £1500 - 2000.
LBRE13 2013	TBC	Mountnessing	Old Church Rd (River Wid end)	Give way and side road ahead signs	£1,000	Feb 2013	28.2.13	31.3.14	This was not programmed Feb 2013. Original CM Approval (28.2.13) was incorrectly under revenue which no longer exists for 2012-13. Re-approved 24.9.13 for delivery 2013-14. Original £1000 estimate unlikely to be sufficient - top up may be required.
LBRE13 2014	TBC	Warley	Warley Hill j/w Pastoral Way	3 bollards to prevent parking near mini roundabout	£750	Feb 2013	28.2.13	31.3.14	This was not programmed Feb 2013. Original CM Approval (28.2.13) was incorrectly under revenue which no longer exists for 2012-13. Re-approved 24.9.13 for delivery 2013-14. Original £750 estimate unlikely to be sufficient - top up may be required.
					£28,350	5			

scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
Bus Stop Improvements									
LBRE005001	DC1512a	Brentwood	Garden Centre stop, A128 Ongar Rd, near Langford Bridge over river Roding	Raised and dropped kerbs. New hardstand.	£8,500	July 2012	4.12.12	30.11.13	Works done Aug 2013. Remedial work required to drop kerb further and prevent water and debris pooling in adjacent gutter. BSI officer in contact with Essex Highways to establish arrange and establish extra cost implications.
LBRE005001	DC1512b	Ingatestone	Whadden Chase stop. Roman Road	Wooden shelter & raised kerbs	£10,500	July 2012	4.12.12	30.11.13	Raised kerb (£2900) Oct 2013. Shelter (£7600) ordered for Nov installation
LBRE005001	DC1512c	Pilgrims Hatch	Shops stop, Danes Way	Move stop because resident objected to existing stop and threatened legal action	£1,000	July 2012	4.12.12	On hold	Only option is to move stop 8 metres further along road opposite next resident's garden. Resident consultation has raised concerns over VFM, environmental impacts, obstruction and overlooking of garden. Will require extending footway. Cost likely to be at least £10k. Remaining budget £1k is remainder of £20k allocated to cover all 3 x DC1512 bus stop schemes. LHP decision required as to whether to proceed to design and costing or cancel.
LBRE005003	N/A	Brentwood	Hornbeam Close, Pondfield Lane, East ham Estate	Bus cage markings to discourage parking at stop	£1,000	Jan 2013	1.3.13	31.3.14	In process with Traffic Team. Stop is on a small service road tending to be used as a parking layby
LBRE005004	N/A	Warley	Crescent Road stop. Vaughan Williams Way	Pole and flag to formally mark existing stop	£1,000	Jan 2013	1.3.13	31.10.13	Residents consultation complete 19.7.13. Pole ordered.
					£22,000	5			

scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
Casualty Reduction Schemes									
LBRE001002	DC1750	Brentwood	Hanging Hill Lane/Pondfield Lane	(1) Signing and road markings improvements. (2) Solar VAS signs (bend warning with slow down) outside nos. 88/90 & north of bus stop. (3) Proposal to widen inside of bend (BT apparatus might need costly diversion).	£60,000	Jan 2013	12.2.13	31.3.14	1 & 2 in design. 3 in feasibility study. LHP to see design when complete - expected 5.11.13.
LBRE001001	DC1511	South Weald	Weald Road	Reflector posts to delineate the bends "Where You Look is Where You Go treatment"	£5,000	July 2012	4.12.12	31.3.14	Design progressing. Road safety audit recommended that road is too narrow for existing double solid centre line, therefore broken hazard line to be installed. Design circulated to LHP 14.10.13
					£65,000	2			
Cycling									
LBRE003003	DC1522	Brentwood	Borough wide	Cycling study. Cycle ways and facilities.	£25,000	Nov 2012	4.12.12	31.3.14	In process now County wide cycling policy agreed. Commissioned with Transportation Planning team. Study will incorporate Brentwood BC cycle strategy. Outcomes and scheme recommendations expected Q4 2013-14.
					£25,000	1			
Total Capital recommendations for Brentwood - In progress (2012-13)					£140,350	13			

scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
CAPITAL SCHEMES COMPLETE (2012-13)									
Minor Schemes									
LBRE00 2003	DC392	Brentwood	Crown St	Pedestrianisation, new signs, bollards, power connections and TRO	£21,000	Jan 2013	7.5.13	Complete Aug 2013	Some additional signage and adjustments to implement on High St. Also, at junction of Hart St, pending review by Network Management and budget remaining.
									
					£21,000	1			
Walking									
LBRE00 3002	DC1330	Herongate	Billericay Rd, near Olde Dog PH	New footway	£17,000	July 2012	14.8.12	Complete Mar 2013	
									
					£17,000	1			

scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
Bus stop improvements									
LBRE005002	N/A	Brentwood	Fen Close stop. Chelmsford Road (A1023)	New stop opposite existing stop	£1,000	Jan 2013	1.3.13	Complete 28.2.13	New bus stop pole and flag formally marks site. Sited to reduce impact on residences. Bus timetables do not coincide with opposite direction (provided on time).
					£1,000	1			
Public Rights of Way									
LBRE008001		Ingatestone	PRoW 38. Church to Station	Tarmac overlay and widening. Station car park - landowner (NCP) would not give permission.	£55,000	Jan 2013	28.2.13	Complete Sept 2013	Station car park end - landowner (National Rail) would not give permission for widening works.
					£55,000	1			
Cycling									
LBRE004001	DC1331	Shenfield	Shenfield Station	Cycle storage	£23,000	July 2012	4.12.12	Complete Mar 2012	
					£23,000	1			



scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
Total Capital recommendations for Brentwood - Complete (2012-13)					£117,000	5			

TOTAL RECOMMENDATIONS	CAPITAL	In process & complete	£257,350	18	(funds approved by CM)
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original 2012-13 budget £449,876

unallocated funds £192,526

- new info
- complete
- action

- CM Cabinet Member
- TRO Traffic Regulation Order
- D&C Design & Consultancy
- HLO Highways Liaison Officer
- PIC Personal Injury Collisions
- VAS Vehicle Activated Sign
- SID Speed Indicator Device

ECC/Brentwood Borough LHP - Capital Budget Summary 2012/13 (15.10.13)

Report 1

	Scheme Type	Sub-Total	Total	Number of schemes
In Process	Minor	£28,350	£140,350	5
	Bus Stop/Route Improvements	£22,000		5
	Casualty Reduction	£65,000		2
	Cycling	£25,000		1
Complete	Minor	£21,000	£117,000	1
	Walking	£17,000		1
	Bus Stop/Route Improvements	£1,000		1
	PROW	£55,000		1
	Cycling	£23,000		1
	TOTAL (CM approved funds)		£257,350	18
	2012-13 budget - original		£449,876	
	unallocated funds		£192,526	

ECC/Brentwood Borough LHP - Schemes Recommended 2013-14 (15.10.13) Report 2

scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
CAPITAL SCHEMES in PROCESS (2013-14)									
Minor Schemes									
LBRE1 32001	DC1864	Brentwood	Hartswood Rd, near Woodman Rd	VAS sign to reduce speeds	£8,500	1.7.13	10.7.13	31.3.14	With D&C. Site visits done. Desired equipment being investigated. May need further consultation with residents
LBRE1 32002	DC1865	Hutton	Hanging Hill Ln, nr St Martin's School	2 speed activated VAS (Speed survey=36-38mph in 30) where crossing against policy	£17,000	1.7.13	10.7.13	31.3.14	With D&C. Site visits done. May need consultation with residents
LBRE1 32006	DC1867	Shenfield	Priests Lane, between Woodway and approx. no. 147	Feasibility study, prelim. designs & costs to reduce speeds, improve visibility & improve footway (IT090)	£5,000	1.7.13	10.7.13	31.3.14	With D&C
LBRE1 32003	DC1866	Mountnessing	St Annes Rd	Detailed designs for signing & lining improvements and initial drainage investigation. Accidents involving cars in pond and damaging property.	£2,500	1.7.13	10.7.13	31.3.14	With D&C
LBRE1 32003	DC1866	Mountnessing	St Annes Rd	WORKS for signing & lining improvements and initial drainage investigation. Accidents involving cars in pond and damaging property.	£5,000	1.7.13	TBC	2014-15	CM to approve Q4 2013-14.
LBRE1 32007	DC1841	Kelvedon Hatch	A128 Ongar Rd, near Eagle Lane	Detailed designs for pedestrian refuge for Eagle Ln residents having problems accessing shops and bus stop, incl. investigate BT apparatus	£2,000	1.7.13	10.7.13	31.3.14	With D&C
LBRE1 32008	DC1842	Brentwood	Orchard Ave j/w Ingrave Rd	Feasibility study & detailed design for improvement to inadequate pedestrian refuge and bell mouth junction	£5,000	1.7.13	10.7.13	31.3.14	With D&C
LBRE1 32008	DC1842	Brentwood	Orchard Ave j/w Ingrave Rd	WORKS for improvement to inadequate pedestrian refuge and bell mouth junction	£8,000	1.7.13	TBC	2014-15	CM to approve Q4 2013-14.

ECC/Brentwood Borough LHP - Schemes Recommended 2013-14 (15.10.13) Report 2

scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
LBRE1 32009	DC1868	Pilgrims Hatch	Ashwells Rd & j/w A128 Ongar Rd & Mores Lane	Feasibility study & detailed designs for solutions associated with parking and congestion at Bentley St Pauls school. Initial focus on creation of extra parking laybys and footways in Ashwells Rd, extending parking restrictions at junction, improving signing and lining at junction.	£20,000	1.7.13	10.7.13	31.3.14	With D&C. Feasibility study started including options for works.
LBRE1 32005	DC1840	Brentwood	Honeypot Lane	Designs and legal costs (Traffic Order) to change 20mph zone to 20 mph limit	£2,700	1.7.13	10.7.13	31.3.14	With D&C
LBRE1 32005	DC1840	Brentwood	Honeypot Lane	WORKS to change 20mph zone to 20 mph limit	£5,000	1.7.13	TBC	2014-15	CM to approve Q4 2013-14.
					£80,700	14			

ECC/Brentwood Borough LHP - Schemes Recommended 2013-14 (15.10.13) Report 2

scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
Bus Stop Improvements									
LBRE136001	N/A	Ingatestone	Alms Houses, High St	New wooden shelter for elderly residents.	£9,000	1.7.13	16.7.13	30.11.13	Ordered for installation same time as Whaddon Chase stop (2012-13)
					£9,000	1			
Casualty Reduction Schemes									
LBRE131003	DC1863	South Weald	Chequers Rd/Weald Rd junction	Improve traffic island, signs and lines. 7 Personal Injury Collisions - (PICs) (over 3 years) & shunts.	£20,000	1.7.13	10.7.13	31.3.14	With D&C
LBRE131004	ITS TBC	Brentwood	Wilson's Corner - High St, Ongar Rd, A1023 Shenfield Rd junction including Ongar Rd, William Hunter Way junction	Detailed traffic study - view to installing traffic signals with S106 funds. 18 Personal Injury Collisions (PICs) (over 5 years) & many shunts.	£5,000	1.7.13	10.7.13	31.3.14	With ITS Team
					£25,000	2			
Walking									
LBRE133005	TBC	Pilgrims Hatch	Harewood Rd, outside community hall	PRIORITISE for delivery in 2013-14. Pedestrian drop kerb for prams and disabled	£2,500	1.7.13	24.9.13	31.3.14	With D&C
					£2,500	1			
Total Capital recommendations for Brentwood - In progress (2013-14)					£117,200	18			

scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
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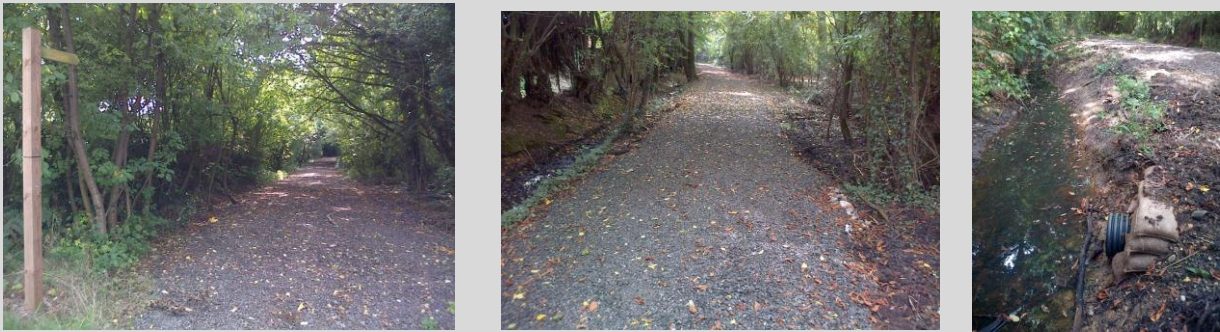
CAPITAL SCHEMES COMPLETE (2013-14)

Public Rights of Way

LBRE1 38002	N/A	Hutton	Footpaths 76 & 77. Hall Green Ln & Hanging Hill Ln	Improve often impassable surface - length of 890m - road planings for all-weather off-road heavily used link residential area to St Martins School.	£27,500	1.7.13	10.7.13	Complete Sept 2013	Delivered in school holiday owing to temporary closure.
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ECC/Brentwood Borough LHP - Schemes Recommended 2013-14 (15.10.13) Report 2

scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
LBRE1 38003	N/A	Pilgrims Hatch	Byway 15 (Hulletts Ln)	Improve often impassable surface - length of 600m - road planings for all-weather off-road heavily used link residential area to St Pauls Bentley School (Ashwells Rd). Also unblock or replace drainage.	£35,000	1.7.13	10.7.13	Complete Sept 2013	Delivered in school holiday owing to temporary closure.
					£62,500	2			
Total Capital recommendations for Brentwood - Complete (2013-14)					£62,500	2			

scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
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CAPITAL				In process & complete	£179,700	20	(recommended by LHP)		
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2013-14 budget - original £449,876

2013-14 unallocated **£270,176**

- new info
- complete
- action
- CM Cabinet Member
- TRO Traffic Regulation Order
- D&C Design & Consultancy
- HLO Highways Liaison Officer
- PIC Personal Injury Collisions
- VAS Vehicle Activated Sign
- SID Speed Indicator Device
- ITS Intelligent Traffic Signals

ECC/Brentwood Borough LHP - Capital Budget Summary 2013-14 (15.10.13)

Report 2

	Scheme Type	Sub-Total	Total	Number of schemes
In Process	Minor	£80,700	£117,200	14
	Bus Stop/Route Improvements	£9,000		1
	Casualty Reduction	£25,000		2
	Walking	£2,500		1
Complete	Minor		£62,500	
	Bus Stop/Route Improvements			
	Casualty Reduction			
	PROW	£62,500		2
	Walking			
	TOTAL		£179,700	20

2013-14 budget - original

£449,876

2013-14 unallocated

£270,176

scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
REVENUE SCHEMES in PROCESS (2013-14)									
Minor Schemes									
LBRE132011	DC1843	Pilgrims Hatch	A128 Ongar Rd - Crematorium	Black & white direction signs 90-150m in advance of entrance. Use ad hoc sign budget in revenue	£2,000	1.7.13	10.7.13	31.3.14	With D&C
					£2,000				
Safety Assessments									
LBRE132010	N/A	Brentwood	Kings Rd	Safety assessment - concerns of visibility at zebra crossing.	£500	1.7.13	10.7.13	31.10.13	In process
LBRE132010	N/A	Brentwood	Pondfield Lane	Safety assessment - concerns of visibility at zebra crossing.	£500	1.7.13	10.7.13	31.10.13	In process
LBRE132010	N/A	Brentwood	Hartwood Rd	Safety assessment - concerns of visibility at zebra crossing.	£500	1.7.13	10.7.13	31.10.13	In process
					£1,500				
Total Revenue recommendations for Brentwood - In progress (2013-14)					£3,500				

ECC/Brentwood Borough LHP - Schemes Recommended 2013-14 (15.10.13) Report 2

scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
REVENUE SCHEMES COMPLETE (2013-14)									
Speed surveys									
LBRE1 32010	N/A	Warley	Devil's Head crossroad (Eagle Way & Hartswood Rd) Eagle Way	Speed survey to assess effectiveness of VAS. Travelling from Eagle Way.	£210	1.7.13	10.7.13	Sept 2013	Complete and circulated to LHP 14.10.13. See Report 3 for analysis
LBRE1 32010	N/A	Warley	Devil's Head crossroad (Eagle Way & Hartswood Rd) The Avenue	Speed survey to assess effectiveness of VAS. Travelling from The Avenue.	£210	1.7.13	10.7.13	Sept 2013	Complete and circulated to LHP 14.10.13. See Report 3 for analysis
LBRE1 32010	N/A	Brentwood	Chase Rd, Brentwood	Speed survey to assess concerns of speed and volume of traffic.	£210	1.7.13	10.7.13	Sept 2013	Complete and circulated to LHP 14.10.13. See Report 3 for analysis
LBRE1 32010	N/A	Doddinghurst	Mountnessing lane, Doddinghurst	Speed survey for validation request for 40 mph limit.	£210	1.7.13	10.7.13	Sept 2013	Complete and circulated to LHP 14.10.13. See Report 3 for analysis
LBRE1 32010	N/A	Warley	Warley Hill, Essex Arms to The Drive	Speed survey for speeding concerns.	£210	1.7.13	10.7.13	Sept 2013	Complete and circulated to LHP 14.10.13. See Report 3 for analysis
LBRE1 32010	N/A	Kelvedon Hatch	School Rd, Kelvedon Hatch	Speed survey to support validation request for 20 mph limit.	£210	1.7.13	10.7.13	Sept 2013	Complete and circulated to LHP 14.10.13. See Report 3 for analysis
LBRE1 32010	N/A	Brentwood	Cherry Ave, Hawthorn Ave, Orchard Ave	Speed survey for validation speeding concerns - 20s Plenty petition. £210 x 3 = £630	£630	1.7.13	10.7.13	Sept 2013	Complete and circulated to LHP 14.10.13. See Report 3 for analysis
LBRE1 32010	N/A	Brentwood	Knights Way, East Ham, Stephens Cres	Speed survey for validation speeding concerns - 20s Plenty petition. £210 x 3 = £630	£630	1.7.13	10.7.13	Sept 2013	Complete and circulated to LHP 14.10.13. See Report 3 for analysis
LBRE1 32010	N/A	Brentwood	Hogarth Ave, Riseway, Shenfield Cres	Speed survey for validation speeding concerns - 20s Plenty petition. £210 x 3 = £630	£630	1.7.13	10.7.13	Sept 2013	Complete and circulated to LHP 14.10.13. See Report 3 for analysis
					£3,150				

ECC/Brentwood Borough LHP - Schemes Recommended 2013-14 (15.10.13) Report 2

scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
CDPV²									
LBRE1 32010	N/A	Brentwood	Station Rd, West Horndon, nr rail station	Pedestrian vehicle (PV2) survey for validation of zebra crossing proposal. £890	£890	1.7.13	10.7.13	Sept 2013	Complete and circulated to LHP 14.10.13. See Report 3 for analysis
LBRE1 32010	N/A	Brentwood	Warley Hill, Tesco Express forthcoming	Pedestrian vehicle survey PV2 to assess need for crossing. £890. Tesco will pay or contribute to works	£890	1.7.13	10.7.13	Sept 2013	Complete and circulated to LHP 14.10.13. See Report 3 for analysis
					£1,780				

Total Revenue recommendations for Brentwood - Complete (2013-14)	£4,930	
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REVENUE	In process & complete	£8,430
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2013-14 budget - original £45,875 not including £85k Rangers
 revenue unallocated **£37,445**

- new info
- complete
- action
- CM Cabinet Member
- TRO Traffic Regulation Order
- D&C Design & Consultancy
- HLO Highways Liaison Officer
- PIC Personal Injury Collisions
- VAS Vehicle Activated Sign
- SID Speed Indicator Device

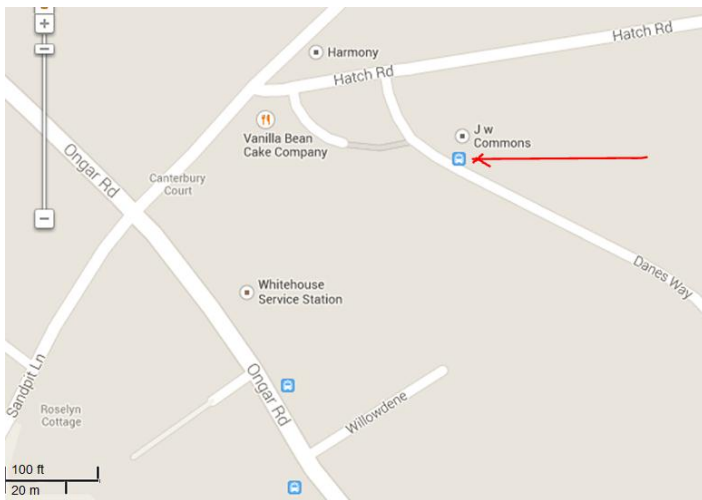
Brentwood LHP 22.10.13

Report 2.1: Bus stop improvement schemes – update

LBRE001512c – Danes Way, Pilgrims Hatch

Raised and dropped kerbs, new hardstand and footway extension – approx. £10k.
Currently there is only £1k allocated to this scheme – the remainder of a £20k pot for 3 bus stop schemes (DC1512a & b).

Resident has objected to current location and threatened legal action.



Current location (photo when under construction).
Objection from resident at beige house on left.



Facing other way, this is the option for new location (8 metres further from the junction) on left opposite bungalow garden. Bungalow resident has objected (see below).



The resident whose garden backs on to this stretch of road has raised the following concerns:

- Moving the stop may impact / obscure the rear entrance to their garden
- Double-deckers (which are rarely but sometimes used on the route) could overlook their garden and impact on their privacy
- Moving the stop would see more loss of green space (albeit relatively small) and may affect nesting birds, hedgehogs, etc.
- He also pointed out that he believed it would be a shame to spend a lot of money to move it such a short distance and that moving the stop because someone doesn't want it outside their house could set a dangerous and expensive precedent.

LBRE005003 – Hornbeam Close stop, Pondfield Lane. East Ham Estate

Bus cage markings to discourage parking across stop.

The LHP requested clarification on the location.

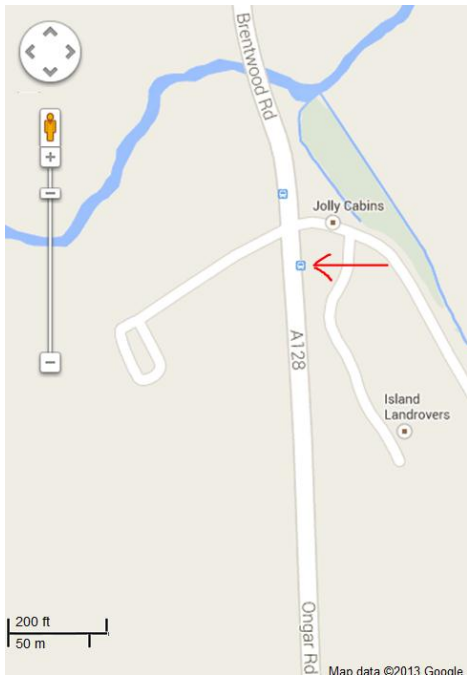


LBRE005001 – Garden Centre stop, A128 Ongar Rd, Brentwood near Langford bridge over River Roding

At the last LHP there was some confusion over the location.

Raised and dropped kerbs, new hardstand to prevent standing in road. Other side of road - stop has been installed.

Cost £9k (see report 4 for schemes to consider for funding)





ESSEX COUNTY COUNCIL AND BOROUGH OF BRENTWOOD LOCAL HIGHWAY PANEL – 22 October 2013



REPORT 3: SCHEMES REQUESTS UPDATE

Scheme requests supported by LHP Members and/or Town/Parish Councillors should be submitted to the Highways Liaison Officer (HLO), ideally on a scheme request template.

Scheme requests are submitted by the HLO for validation by an Essex Highways technical expert.

Validation is an initial, brief assessment of the feasibility of a scheme, options for next steps and provisional cost estimates for the Brentwood Highways Panel to consider for funding. The cost estimates provided are purely an initial estimate and are subject to change once the sites have been investigated in greater detail.

The validation will also assess whether the scheme request meets current implementation guidelines and satisfies ECC policy requirements. For some requests, a pre-validation survey is required.

Where available, updates on the scheme requests are illustrated below in blue.

The report is divided into:

- A: Scheme requests - survey results received
- B: Scheme requests sent for validation - awaiting update
- C: New Scheme requests
- D: Non LHP Schemes update

A: Scheme requests - survey results received

A1: Station Road, West Horndon – zebra crossing

The Parish Council with the support of Cllr Roberts have reported an issue with pedestrians not being able to safely cross the road. The request was for potentially two zebra crossings, one near the Doctor's surgery and the other in closer to the railway station. The costs of a zebra crossing would be in the region of £50k depending on site factors affecting installation.

Both sites would likely impact on 'on street' parking and driveway accesses particularly with the Doctor's surgery site, attracting opposition from local residents. The Doctor's surgery was judged to be less likely to meet a pedestrian/vehicle analysis. Therefore to assess whether the Station site would meet current guidelines and ECC policy requirements, a pedestrian/vehicle (CDPV²) survey was commissioned.

Full surveys have been circulated to LHP Members including maps.

The CDPV² score was 0.06, where the threshold for eligibility is 0.2. Therefore the site does not meet the criteria for a crossing.

A2: Tescos, Warley Hill – zebra crossing

Tescos are planning to open an Express store in a former pub. This could generate an increased number of pedestrians crossing Warley Hill in proximity to the new store. The request is for a zebra crossing to be explored in advance of the store opening. Tescos have informally indicated they might contribute funds but the amount is not known. A crossing would cost in the region of £50k. The LHP recommended funds for a pedestrian vehicle survey (CDPV²) to test whether a crossing would be eligible under ECC Policy at the most likely location.

Full surveys have been circulated to LHP Members including maps.

The CDPV² score was 0.08, where the threshold for eligibility is 0.2. Therefore the site does not meet the criteria for a crossing. There is the option of a further survey once the store is open when actual pedestrian volumes and the desire line for crossing can be ascertained and tested.

With regards to a contribution from Tesco, the current advice from ECC is that a S106 agreement is not appropriate for this development. As a rule, ECC cannot accept funds from private organisations and individuals towards schemes. Officers have requested from ECC Governance whether there are any exceptions to this rule which might be relevant. Tesco still have not confirmed what contribution they would be willing to make if it is possible to accept funding towards this scheme; the shortfall would have to be considered by the Local Highways Panel at a future meeting.

A3: 3 x Estates – 20 mph limit

LHP Members requested 20mph limits on 3 estates in Brentwood Borough owing to speeding concerns supported by a petition. They are; Three Arch; East Ham; Hogarth. Collision data does not indicate that speeding is a significant factor (1 slight personal injury collision in 5 years due to speeding).

Current guidelines and policy on 20 limits:

- DfT guidelines - 20 limits appropriate only where mean speeds are 24 or below on local roads.
- ECC guidelines – the Cabinet Member will consider a case for an exception where mean speeds are 29 or below on local roads.
- 20 limits are unlikely to be enforced by the Police unless there are traffic calming measures.
- 20 limits require repeater signs throughout the limit.

9 speed surveys were undertaken, 3 on each estate.

Full surveys have been circulated to LHP Members including maps.

The summarised results for the mean speeds for 12 hour period (7.00-19.00) for the 5 weekdays are below.

The results indicate good compliance of drivers observing the existing 30mph speed limit.

The request and results has been discussed with Network Management who cautioned that a 20mph speed limit would potentially lead to many drivers failing to comply with the lower speed limit.

Network Management suggest a trialling 20 mph limit on one estate where you have a mixture of higher and lower existing speeds to use as a test case to see if the imposition of a 20 mph limit actually reduced speeds compared to the pre 20 mph surveys.

A provisional estimate for the design and Traffic Regulation Order (TRO) = £5k

EAST HAM ESTATE	East or north bound	West or south bound	combined
Knights Way	23.5	23.1	23.3
East Ham Crescent	23.1	22.3	22.7
St Stephens Crescent	16.0	15.2	15.6
average	20.9	20.2	20.5

THREE ARCH ESTATE	East or north bound	West or south bound	combined
Cherry Ave	26.7	26.7	26.7
Hawthorn Ave	20.3	21.4	20.8
Orchard Ave	26.3	24.9	25.6
average	24.4	24.3	24.4

HOGARTH ESTATE	East or north bound	West or south bound	combined
Hogarth Ave	22.4	24.3	23.4
Riseway	20.8	22.4	21.6
Shenfield Crescent	24.3	25.4	24.8
average	22.5	24.0	23.3

A4: School Rd, Kelvedon Hatch – 20 mph limit

The Parish Council requested a 20mph limit outside the primary school. Brentwood Borough Council is keen to promote 20 limits on local roads with schools.

See information on 20 mph limit policy in section on 3 x estates above (A3).

Full surveys have been circulated to LHP Members including maps.

The summarised results for the mean speeds for 12 hour period (7.00-19.00) for the 5 weekdays are below.

The results indicate good compliance of drivers observing the existing 30mph speed limit.

Network Management reported that the Parish Council are applying for additional waiting restrictions near the school which could raise speeds. Allowing some parking within School Road will help maintain lower speeds.

Network Management also added that a 20mph speed limit here would potentially see a drop in drivers complying with the lower speed limit.

Network Management suggest a trialling 20 mph limit from one of the above estates highlighted in A3 on page 4 to use as a test case to see if the imposition of a 20 mph limit actually reduced speeds compared to the pre 20 mph surveys.

A provisional estimate for the design and Traffic Regulation Order (TRO) = £5k

SCHOOL RD, Kelvedon Hatch	East or north bound	West or south bound	combined
Mean average	23.5	24.9	24.2

A5: Chase Rd, Brentwood – speeding concerns

Full surveys have been circulated to LHP Members including maps.

The summarised results for the mean speeds for 12 hour period (7.00-19.00) for the 5 weekdays are below.

The results indicate good compliance of drivers observing the existing 30mph speed limit.

Chase Rd	East or north bound	West or south bound	combined
Mean average	20.9	21.3	21.1

A6: Warley Hill – speeding concerns

Full surveys have been circulated to LHP Members including maps.

The summarised results for the mean speeds for 12 hour period (7.00-19.00) for the 5 weekdays are below.

The results indicate good compliance of drivers observing the existing 30mph speed limit.

Warley Hill	East or north bound	West or south bound	combined
Mean average	26.6	27.9	27.2

A7: Mountnessing Lane, Doddinghurst – speeding concerns – 40 request

The request was for the de-restricted (60 mph) limit to be reduced to 40 mph.

Full surveys have been circulated to LHP Members including maps.

The summarised results for the mean speeds for 12 hour period (7.00-19.00) for the 5 weekdays are below.

The results indicate good compliance of drivers observing the existing 60mph speed limit. The 85th percentile figures were typically 3-5mph above the mean average below.

Network Management advise that this was investigated under the County's speed limit review and no action was recommended at that time as the existing limit was appropriate. This is a de-restricted rural road and it would not be their policy to change that recommendation, given that the mean speeds from this survey imply there is not a speeding problem.

Mountnessing Lane, Doddinghurst	East or north bound	West or south bound	combined
Mean average	30.8	31.6	31.2

A8: Devil's Head crossroads – safety concerns

The 2 VAS signs (junction warning) on The Avenue and Eagle Way (60 mph PR2 priority route) approaches to the crossroads were fully functional as of **17 January 2012**.

Statistically Personal Injury Collisions (PICs) and speeds have reduced since the VAS were installed.

DEVILS HEAD PICs	Slight	Serious	combined
Oct 2008 – 16 Jan 2012 (40 months)	8	3	11
17 Jan 2012 – Sept 2013 (20 months)	2*	0	2

*including 1 unrecorded on 6.10.13

Full surveys have been circulated to LHP Members including maps.

The summarised results for the mean speeds for 12 hour period (7.00-19.00) for the 5 weekdays are below.

The results indicate good compliance of drivers observing the existing 60mph speed limit. The 85th percentile figures were typically 3-5mph above the mean average below.

Eagle Way eastbound approaching Devils Head	mean	85 th percentile
Nov 2008	38.9	44.1
Sept 2013	37.5	42.0
reduction	1.4	2.1

The Avenue westbound approaching Devils Head	mean	85 th percentile
Nov 2008	35.7	40.9
Sept 2013	34.5	39.3
reduction	1.2	1.6

Previously:

A solid roundabout was investigated by Brentwood BC (2007 or prior) but cost and land take issues prevented implementation (est. £500k). Now, that estimate would possibly be more than double that, requiring funding beyond the LHP budget.

A casualty reduction report (2012) was presented to the LHP previously.

An option for a £33k feasibility study/design into roundabout and signalisation options, to enable informed decision making by Engineering, Council and Residents with regard to definitive costs and environmental impacts, was not recommended by the LHP.

A mini roundabout is against current policy as over 3 roads meet of differing priority route status including unrestricted speed limits. Network Management advise a mini roundabout may lead to drivers shooting across, potentially increasing collision risk.

A feasibility study would also assess the mini-roundabout option in more detail.

An Engineer will be checking whether the VAS are working, clean and not obstructed by vegetation in the near future.

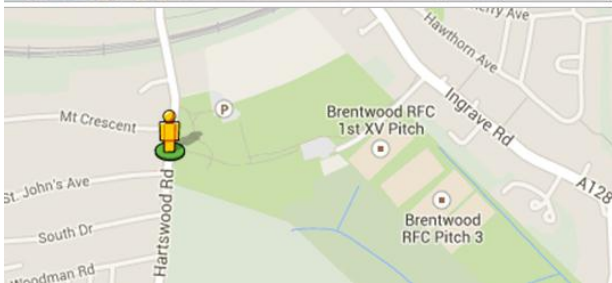
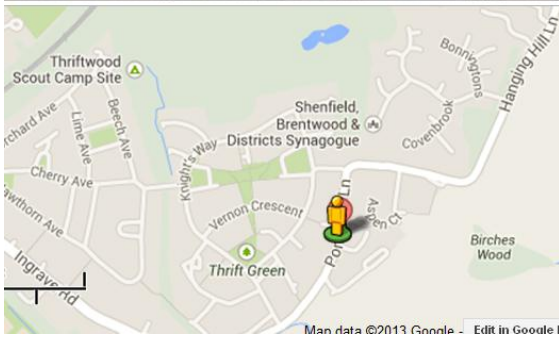
A9: 3 x Safety Assessments for Brentwood zebra crossings

These were requested following concerns regarding visibility of 3 zebra crossings:

- Kings Rd
- Pondfield Lane
- Hartswood Rd

Officers are awaiting the reports and will circulate in due course.

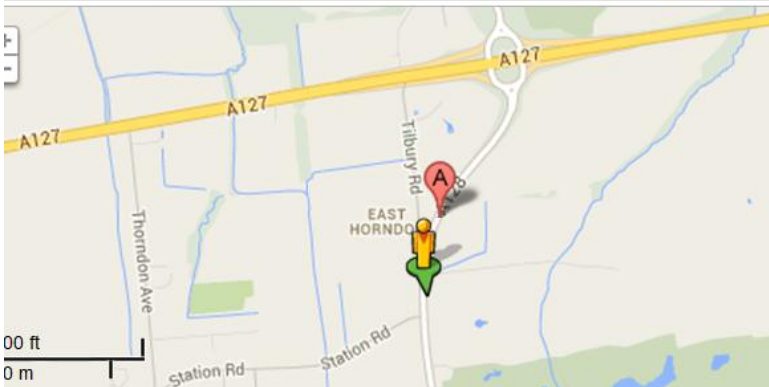




B: Scheme requests sent for validation - awaiting update

The LHP will be updated when the validation response is received from Essex Highways.

B1: A128 Tilbury Road – pedestrian refuge



There is a perceived safety issue for children disembarking their school bus and having to cross the A128. The speed limit (50 mph) and pedestrian and traffic volumes mean it is not safe or viable for a zebra crossing.

The possibility of pedestrian refuge is being investigated but this would likely suffer from the same safety concerns as a zebra crossing.

Potential sites for a refuge:

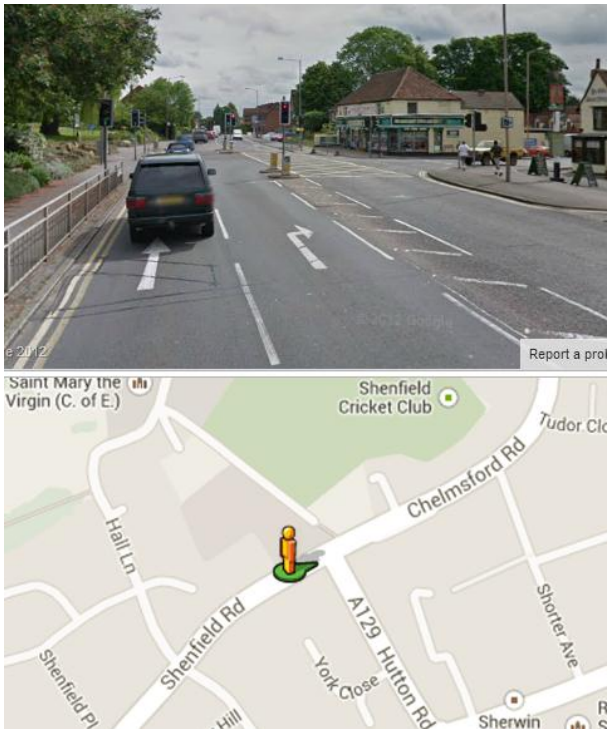
- (1) An existing traffic island opposite Dunton Hill Cottages; however, an existing lamp column on the western verge inhibits the crossing point and the eastern verge is narrow and subject to the frontages and access to the local properties.
- (2) Just north of the existing island.

The provisional cost including a new footway link from the crossing to the school access road north Dunton Hill Cottages is £12,000 plus £2,500 for the preparation and design work = £14,500.

The validation engineer is due to visit the site shortly for a better assessment.

The engineer will also explore the possibility of the school time buses diverting to the school to negate the need for a refuge.

B2: Tabors Corner – traffic signal phasing

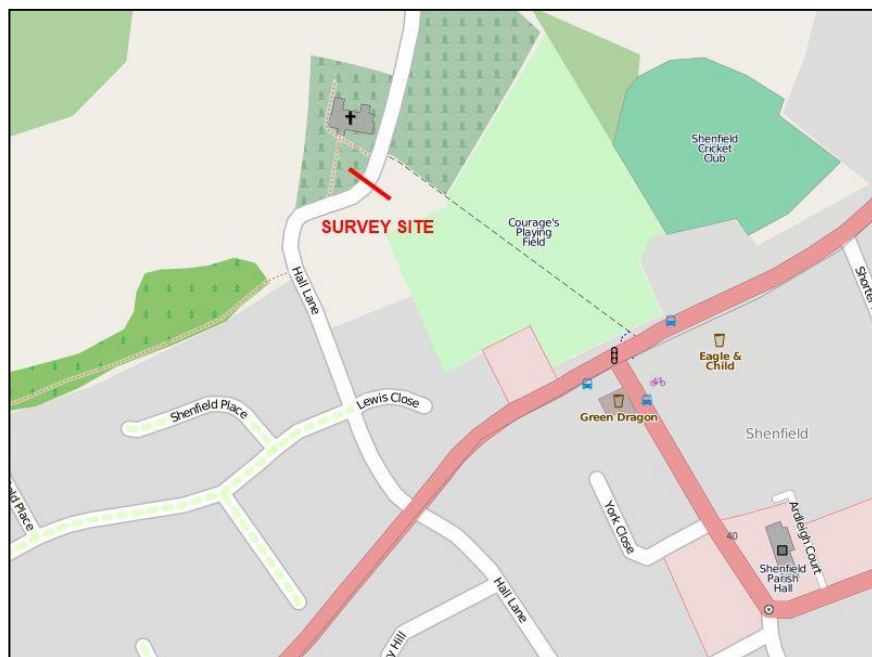


A request has been received to review the phasing for the pedestrian leg of the traffic signals at Tabors Corner, (Chelmsford Road junction with Hutton Road). This is for the morning peak due to the volume pedestrian movements heading to St Mary's School.

In addition, the other aspect that is being investigated is whether it is possible to widen the existing refuge island at the traffic signals, again, due to volume of pedestrian movements in the peak periods.

ECC's Traffic Signal team are investigating. Officers will update in due course.

B3: Hall Lane – Shenfield – speeding concerns



Residents have raised concerns over the speeding which is compounded by the absence of a footway north of the school. There is not sufficient land to extend the footway. The existing limit is 30mph to just past the church which leaves a few residences in the derestricted zone. Near the change of limit the road is in poor condition with the edges badly rutted.

7 day speed survey (November 2012) results were; in an average 12hr period between 0700 and 1900, 524.3 vehicles were recorded. The average speed during this period was 16.8mph. The average 24-hour flow was 615 vehicles. This indicates that the reported speeding problem is perceived as oppose to actual.

However, the Network Management team are willing to extend the 30mph speed limit north of the church to include the properties currently in the de-restricted speed limit area. The proposal would need the introduction of a legal order to proceed and their maybe some benefit in incorporating a gateway sign(s) at the start of the new limit subject to the available verge width.

An estimate from Design and Consultancy has not yet been obtained but for the Traffic Regulation Order and design expect about £4k. The cost of works for signage would not be significant. Gateway treatments would be extra. The Panel may wish to consider recommending funds at this stage for design and top up at a later stage.

At the last LHP, it was suggested the limit could be 20 mph because of the school. The Panel should consider that the mean speeds are already lower than 20 mph. See information on 20 mph limit policy in section on 3 x estates above (A3).

It is unlikely that the proposed extension of the 30 would meet the criteria for a 20. Therefore a 20 would have to go where the existing 30 is. An extension for 30 should still be possible beyond the 20.

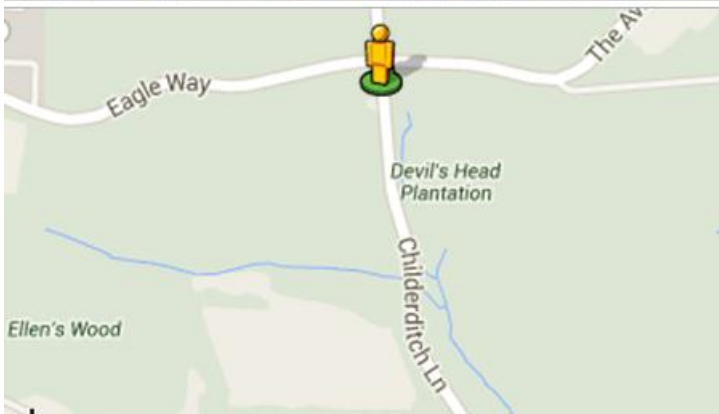
The advice that has been received from Engineers is to extend the existing 30mph speed limit to include the properties that are currently outside the 30mph speed restriction.

A provisional estimate for the design and Traffic Regulation Order (TRO) = £4 (extend 30) or 5k (20 limit)

C: New Scheme requests

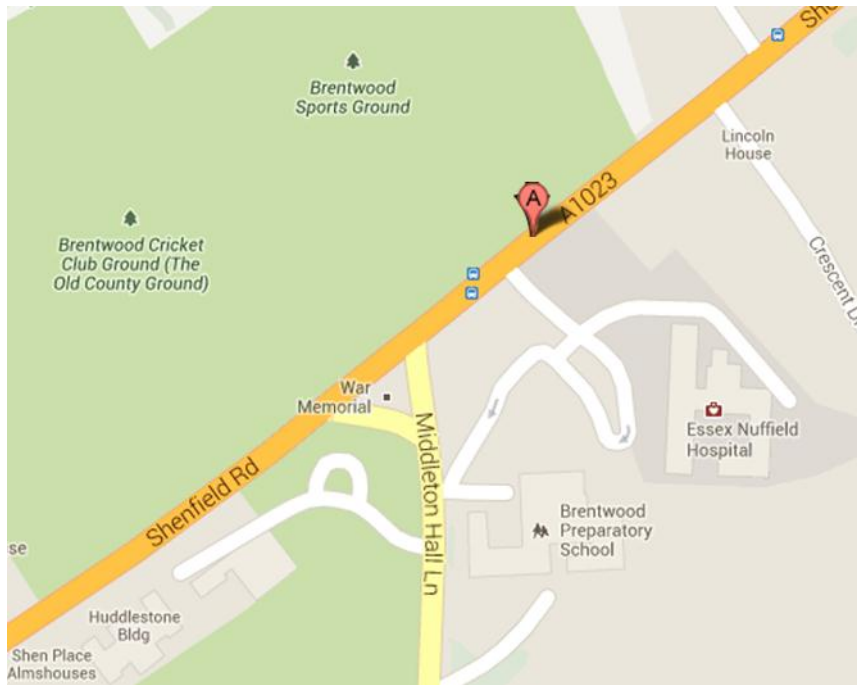
These scheme requests will be submitted for validation by the HLO pending any surveys required. The LHP will be updated when the validation response is received.

C1: Childerditch Lane – advance give way sign before Devils Head



On the approach to Devils Head crossing it was suggested the existing give way sign can be blocked from view by high sided vehicles. A validation will be raised to assess this with regard to installing an advance give way sign.

C2: Shenfield Rd near Nuffield Hospital – zebra crossing



A request suggests it is not safe for school children crossing the Shenfield Road, by the Nuffield Hospital, to get to and from Brentwood School, both to attend and to use the sports field opposite the hospital.

Although there is a pedestrian refuge in the middle of road, it is small and the road is very busy. A zebra crossing is requested to be positioned where the current refuge is. Note that recent utility works and resurfacing has removed the pedestrian refuge. A request has been sent to Highway Enquiries regarding its re-instatement.

A zebra crossing would be in the region of £50k. There may be issues with the existing footway being too narrow on the Nuffield side.

Prior to a validation a pedestrian vehicle survey (CDPV²) would be needed to establish eligibility. The Panel would need to recommend £890 from revenue (see report 4).

C3: Seven Arches Rd – zebra crossing for County High School

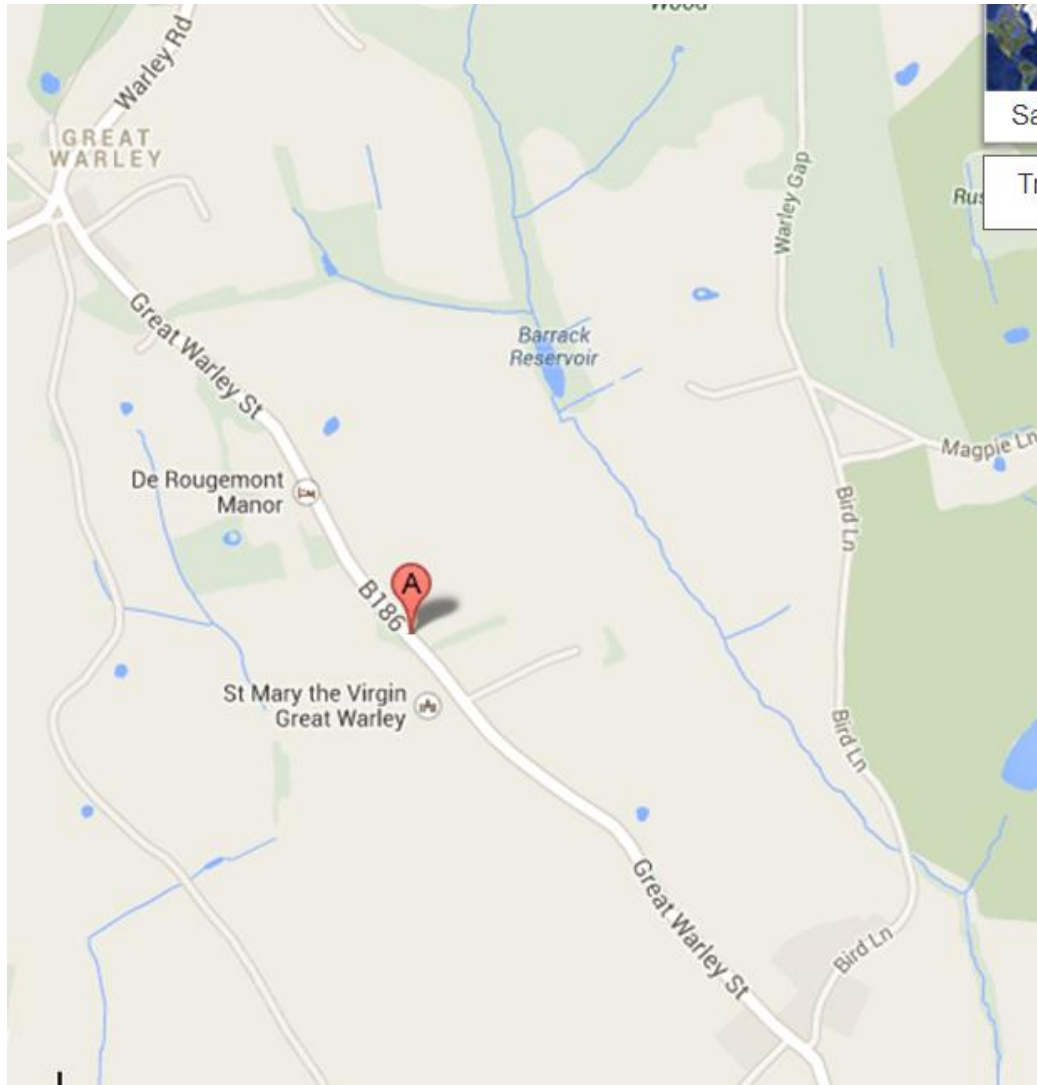


A Governor at Brentwood County High School (BCHS) has requested a crossing outside the school stating that it is very dangerous at arriving and leaving times and they are concerned that a child may be injured. BCHS have identified this need in their School Travel Plan.

Traffweb shows that in the last 3 years there was a serious accident and a slight accident both involving children 2011 and also a 2 vehicle slight accident at this location.

Prior to a validation a pedestrian vehicle survey (CDPV²) would be needed to establish eligibility. The Panel would need to recommend £890 from revenue (see report 4).

C4: Great Warley St, Warley – speed related issues



LHP Member has been contacted by some residents who live on Great Warley Street who are very concerned about a number of speed related issues that are affecting their quality of life and causing a danger not only to local residents but also to the many motorists that use this busy road.

Request for Officers to prepare a report that addresses the following issues:

- 1) If there is a lorry weight restriction ban on this road what is it and why isn't it being enforced?
- 2) Would it be possible to have some chicanes installed along Great Warley Street similar to what is near to South Weald School and in Western Road to try and slow traffic down?
- 3) Would it be possible to have a large sign erected on the verge just before Woodlands School and indicating to motorists that they are entering Great Warley village and that they should slow down?
- 4) Could any safety measures be introduced to make it safer for residents to access and exit their drives along this stretch of road?
- 5) Please could councillors be given the accident statistics over the last five years for Great Warley Street?

Officer response:

1) & 5) - information has been requested.

2), 3) & 4) Validations will need to be submitted to Essex Highways for an initial assessment of options.

Owing to the nature of the requests, the validations will need to be backed up by a speed survey or several depending on the length of road in question (discuss with requestor). The validation will not be able to be done until I get the survey results.

The validations will report back on the initial feasibility and some options for next steps – typically a detailed study and/or designs for works options.

The Panel would need to recommend £210 per speed survey from revenue (see report 4).

C5: Bird Lane, Warley – HGV concerns

For map see C4.

An LHP Member request with regard to residents in Bird Lane who are experiencing problems with heavy lorries using the lane causing congestion, significant erosion of the verges and damage to low tree branches, with a view to introducing an HGV ban.

Officer response:

A validation will need to be submitted to Essex Highways for an initial assessment of options.

Owing to the nature of the request, the validations will need to be backed up by a speed survey which includes data on traffic volumes and types (i.e. HGVs). The validation will not be able to be done until I get the survey results.

The validation will report back on the initial feasibility and some options for next steps – typically a detailed study and/or designs for works options.

The Panel would need to recommend £210 per speed survey from revenue (see report 4).

C6: Church Rd, Kelvedon Hatch – 40 to 30 mph request



Under the Speed Limit Review the limit was changed from de-restricted (60 mph) to 40 mph. The Parish would have preferred 30 mph and has requested it be looked at again. For Network Management to assess this issue a new speed survey is required.

The Panel would need to recommend £210 per speed survey from revenue (see report 4).

C7: Park That Bike - cycle scheme

The ECC Cycling Officer has requested funding for the “Park That Bike” scheme and supplied the following information.

The scheme is a “social enterprise” for small groups to claim free bike parking (up to 2 racks per organisation).

This is a scheme that enables Parish Councils, village halls, Scout groups to get a couple of bike racks.

Recently racks were installed outside Ingatestone and Fryerning Community Association.

Brentwood Borough would receive 30 bike racks in total for a £4,780 contribution from the LHP (see report 4).

www.ParkThatBike.com

D: Non LHP Schemes update

D1: Tesco's Express, Hanging Hill Lane



Since Tesco's Express opened in a former pub on Hanging Hill Lane near the junction with Hutton Drive, there have been problems with cars parking in front of the store on Hanging Hill Lane to use the store or cash point. This is despite a rear car park accessed from Hutton Drive.

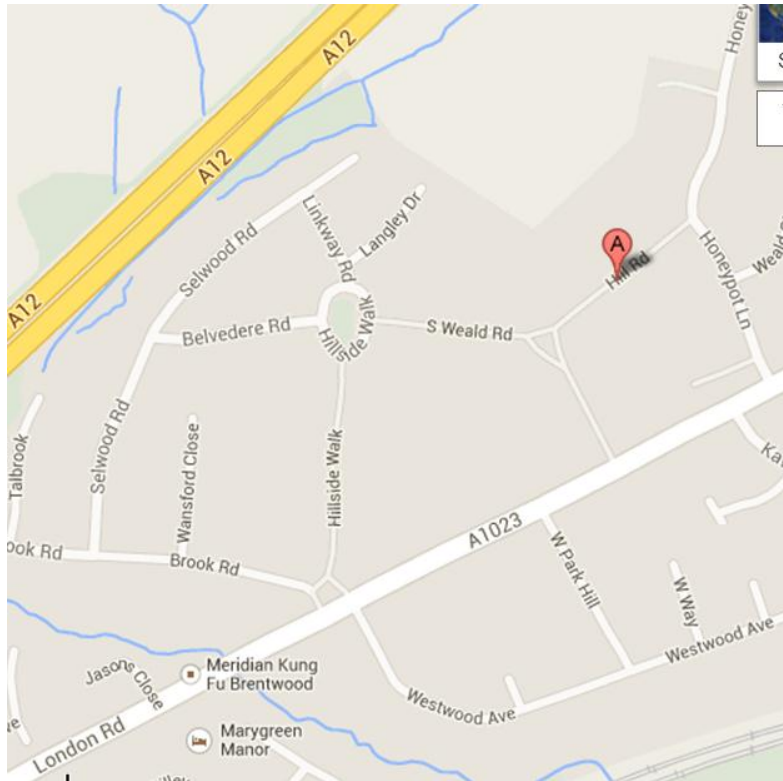
The parking causes congestion and is a potential safety issue on a busy road near a bend and brow of a hill. Officers have visited the site with LHP Member and local Councillors and representatives.



ECC Development Management (DM) will be looking to extend the double yellow lines on the Tesco side beyond the store and cashpoint via a contribution. ECC Officers have requested DM include the opposite side of the road to the store and details of the proposals so these can be discussed with local Members prior to a formal consultation taking place.

Confirmation and timescales will be notified to the LHP and local councillors when known.

D2: Homesteads Estate, Brentwood



This is a private estate but with general access. The roads were only engineered for light traffic and are becoming damaged through traffic using the estate as a cut through and parking for commuters and staff at the BT complex on London Rd.

The residents' association has agreed to fund some gateway treatments and verge widening at the entrances to the estate on Hill Rd, South Weald Rd and Brook Rd/Hillside Walk.

The residents' association will send the plans to ECC Officers to forward to Essex Highways Network Management to assess whether there are any highway and safety implications. There may be a cost implication for the LHP for the assessment. In the meantime, ECC Officers have requested a highway boundary check.



ESSEX COUNTY COUNCIL AND BOROUGH OF BRENTWOOD LOCAL HIGHWAY PANEL – 22 October 2013

REPORT 4: SCHEMES for FUNDING

The Cabinet Member has been considering the budgets for the Local Highways Panel and is looking to make some reductions, however this decision and reductions are currently subject to call in.

The proposal for Brentwood LHP is for a revised budget for 2013/14 of £ 239,200 of which £ 179,700 has been recommended by the Panel to date, leaving £ **59,500** unallocated and available for recommendation by the Panel.

The remainder of the capital budget for 2012/13 which had not been approved by the Cabinet Member is no longer available.

Items which the LHP have discussed and determined not to be relevant anymore have been removed from this list.

The schemes have been broken down into the different types of scheme i.e. PROW, Safety, Passenger Transport, Cycling or Minor

SAFETY SCHEMES						
	LOCATION	SCHEME	ISSUE	COST	RAG	NOTES/ COMMENTS
1	Devil's Head crossroad, Warley The Avenue, Eagle Way j/w Hartswood Road and Childerditch Lane	Solid apron roundabout or signalisation	Restarts, overshoots, failures to give way	£33k Feasibility study/design (2012 quote)	Amber	See Report 3

MINOR SCHEMES						
	LOCATION	SCHEME	ISSUE	COST	RAG	NOTES/ COMMENTS
1	One of 3 estates TBC	20 limit detailed study/design and TRO for pilot	Speeding concerns	£5k	Amber/ Green	Amber if requires CM exception, green if not (see Report 3 – A3)
2	School Rd, Kelvedon Hatch	20 limit detailed study/design and TRO for pilot	Speeding concerns	£5k	Amber/ Green	Amber if requires CM exception, green if not (see Report 3 – A4)
3	Hall Lane, Shenfield	Extend 30 limit or change existing 30 to 20 detailed study/design and TRO	Speeding concerns	£4k or 5k	Green	see Report 3 – B3

PASSENGER TRANSPORT						
LOCATION	SCHEME	ISSUE	COST	RAG	NOTES/ COMMENTS	
Bus stops						
1	Garden Centre on A128, Ongar Rd, just south of River Roding bridge. LBRE136002	Raised and drop kerbs and new hardstand	To prevent standing in road.	£9,000	Green	Not clear if recommended last LHP meet. Stop on opposite side of road already installed from 2012-13 budget. Delivery for this would be 2014-15.
2	Eagle Way, Warley, near Hartswood Hospital	2 new bus stops including raised kerbs, hardstands, poles and flags. Extension of footway for westbound.	Hospital currently not serviced by nearby stop. Nearest stops on B186 Warley Hill and Warley Rd, approx. 200m away	£15,000	Amber	BSI Officer has contacted hospital twice re a contribution. No response as yet but the Officer would like to try again. (NB: There are issues with ECC accepting contributions outside S106 agreements.)
3	Rose & Crown, A128, 390 Ongar Road, Kelvedon Hatch, CM15 9JH	Wooden bus shelter	for elderly residents	£9,000	Green	No additional works. Straightforward shelter only. Can be delivered 2013-14. Resident consultation required.
4	A128, Ongar Rd, Nuclear Bunker entrance, Kelvedon Hatch	2 new bus stops.	Requested by Parish. Nearest stops are 100m north with no footway or off road stand on busy road.	£2,000 feasibility study	Amber	Limited options for location. May require land purchase for lay-bys. BSI Officer recommends £2k for feasibility study if LHP want to take this further.

Rail

5	Brentwood Rail Station - IT648	Station Improvements and improvements to passenger transport arrangements	Pre-emptive work ahead of Crossrail	£25k recommended for feasibility / initial design, grouping all 3 PT schemes	Green	<p>Improvements to tie in with the implementation of Crossrail.</p> <p>The recommendation is to take forward options considered as part of the Crossrail urban design study to undertake further feasibility work / initial design on these proposals.</p>
6	Shenfield Station - IT649	Station Improvements and improvements to passenger transport arrangements	Pre-emptive work ahead of Crossrail	£25k recommended for feasibility / initial design, grouping all 3 PT schemes	Green	<p>Improvements to tie in with the implementation of Crossrail.</p> <p>The recommendation is to take forward options considered as part of the Crossrail urban design study to undertake further feasibility work / initial design on these proposals.</p>
7	A129 Rayleigh Road/Alexander Lane - IT059	Mini RAB capacity improvements	Pre-emptive work ahead of Crossrail	£25k recommended for feasibility / initial design, grouping all 3 PT schemes	Green	<p>Passenger transport movement improvements associated with the implementation of Crossrail.</p> <p>The recommendation is to take forward options considered as part of the Crossrail urban design study to undertake further feasibility work / initial design on these proposals.</p>

Cycling						
	LOCATION	SCHEME	ISSUE	COST	RAG	NOTES/ COMMENTS
1	Brentwood Borough	Park That Bike	From Cycling Officer	£4,780	Green	See Report 3 – C7

Surveys - revenue						
	LOCATION	SCHEME	ISSUE	COST	RAG	NOTES/ COMMENTS
1	Hanging Hill Lane, near Sylvia Avenue	Pedestrian crossing request. CDPV ² survey required for validation	School children have difficulty crossing road	£890	Green	Crossing request closer to St Martin's School did not meet criteria. Preferred location to be confirmed with Cllr
2	Seven Arches Rd near County High School	Pedestrian crossing request. CDPV ² survey required for validation	School children have difficulty crossing road	£890	Green	Preferred location to be confirmed with Cllr/school
3	Shenfield Rd near Nuffield Hospital	Pedestrian crossing request. CDPV ² survey required for validation	School children have difficulty crossing road	£890	Green	At site of existing pedestrian refuge
4	Great Warley St	Speed survey - To assess speed, volumes and vehicle types	Speed and lorry related issues	£210 per survey	Green	Preferred location (s) to be confirmed with Cllr.
5	Bird Lane, Warley	Speed survey - To assess speed, volumes and vehicle types	Speed and lorry related issues	£210	Green	Preferred location to be confirmed with Cllr.
6	Church Rd, Kelvedon Hatch	Request for 40 to 30 mph	Speeding concerns	£210	Green	Preferred location to be confirmed with Cllr.



ESSEX COUNTY COUNCIL AND BOROUGH OF BRENTWOOD LOCAL HIGHWAY PANEL – 22nd October 2013

REPORT 5: RANGERS

For 2013/14 there is a £130,875 allocation for revenue.

From this Brentwood Borough Council will be operating the Ranger service at a cost of £85,000 leaving £45,875 for surveys etc.

Highway Rangers works

The type of works which can be undertaken the Rangers are as follows:

- Cleaning and minor repairs to non-electrical road signs
- Cleaning and minor repairs to street furniture
- Reinstatement of posts and bollards (minimal excavation)
- Trimming of vegetation and removal of arisings
- Adhoc grass cutting and strimming
- Localised cleaning and minor excavation of roadside grips
- Removal of weeds or vegetation from pavements
- Scavenging and removal of deposits and small fly tips from highway land
- Removal of illegal signs and fly posting
- Minor block/flag paving repairs
- Minor painting of street furniture

Requests for Rangers works should be directed to: highway.enquiries@essex.gov.uk with **HIGHWAY RANGERS BRENTWOOD** in the subject title.

General highway enquiries, including maintenance, should also be sent to highway.enquiries@essex.gov.uk - tel. 0845 603 7631, or should be reported via the on line tool here:

<https://secureweb1.essexcc.gov.uk/Highways/Report-a-highway-problem.aspx>

Essex County Councillors only can use member.enquiries@essex.gov.uk

Recent Ranger Work in Brentwood Borough

The Rangers are 2 men in a small truck. They can respond to ad hoc requests sent via the contact details above. When not dealing with ad hoc requests, the Rangers' main routine work consists of addressing minor maintenance matters a ward or parish at a time.

For example in the last few months they have been to:

Kelvedon Hatch, Navestock, Mountnessing and Ingatestone:

- clear vegetation from sight lines
- clean road traffic signs
- removed redundant A12 depot sign in Roman Rd, Mountnessing

Fryerning:

- re-painted finger posts

Hutton Road, Shenfield and Eagle Way, Warley:

- 2 missing manhole covers were replaced on footpaths

Pilgrims Hatch:

- clear vegetation from sight lines at junction of A128 and Ashwells Rd

Kelvedon Hatch:

- installed 40 mph repeater signs and clear vegetation from signs in Church Rd



**BOROUGH OF BRENTWOOD
LOCAL HIGHWAY PANEL
22 October 2013**



REPORT 6: CAPITAL MAINTENANCE 2013/14

Capital maintenance (re-surfacing) is now available on the ECC website at this address:

<http://www.essexhighways.org/Roadworks-Centre/Resurfacing.aspx>

This is updated by Essex Highways.

This is a copy from the webpage for 2013 works.

Brentwood	Road Name	Location/Parish	District	Start Date	Finish Date	Night/Day working
	Fairview Avenue	Brentwood		Wed 17/07/13	Thu 18/07/13	Day
	Hutton Drive	Brentwood		Thu 15/08/13	Mon 19/08/13	Day
	Shonks Mill road	Brentwood		Fri 20/09/13	Fri 20/09/13	Day
	A129 Rayleigh Road	Brentwood		Thu 26/09/13	Tue 01/10/13	Night
	Blackmore Lane	Brentwood		Wed 02/10/13	Mon 07/10/13	Night

The information posted on this webpage is subject to review and will be updated by Essex Highways in due course.