



# ESSEX COUNTY COUNCIL WITH BOROUGH OF BRENTWOOD LOCAL HIGHWAY PANEL – 15 December 2014

Date: Monday 15 December 2014  
 Time 19:00 hrs  
 Venue: Council Chamber, Brentwood Borough Council

**Chair** Cllr David Kendall

**Panel Members** Cllr Naylor CC Member, Cllr Aspinell CC Member, Cllr Hirst CC Member, Cllr Julie Morrissey BB, Cllr Phil Baker BB, Cllr Jon Cloke BB, Cllr Keith Parker BB, Cllr Graeme Clark BB

**Other Attendees** Kim Shenton Highway Liaison Officer (EH), Peter Wright Highway Improvement Design Manager (EH), Mark Robinson Strategy & Engagement (ECC), Sonia Church Highways Liaison Manager (EH), Jean Sharp Governance & Members Support (BB)

Time	Item	Lead:	Papers:
1	<b>Welcome and Introductions</b>	Chair	Verbal
2	<b>Declarations of Interest</b>	All	Verbal
3	<b>Apologies for absence</b>	All	Verbal
4	<b>Minutes from Previous Meeting</b>	Chair	Verbal
5	<b>Election of Vice Chairman</b>	All	Verbal
6	<b>Funding Update</b>	KS	Verbal
7	<b>Update on schemes approved –Report 1</b> Any queries please contact <a href="mailto:kim.shenton@essexhighways.org">kim.shenton@essexhighways.org</a>	All	Attached
8	<b>Schemes to Consider for Funding – Report 2</b>	All	Attached
9	<b>Brentwood Cycle Strategy</b>	MR	Verbal
10	<b>Beacon Lights – feedback from Cabinet Member</b>	DK/KS	Attached
11	<b>Bus 21 Kelvedon Hatch</b>	AN/KS	Verbal
12	<b>Ingatestone High Street</b>	AN/KS	Verbal
13	<b>Any other business</b>	All	Verbal
14	<b>Date of next meeting; TBC</b>	Chair	Verbal



### Report 1- Brentwood District Approved Scheme List 15 December 2014

No.	Design Reference Number	Task Name	Parish/Ward	Finish	CMA approved	Cost Code	Works Description	Allocated Budget	Comments
<b>2012/13 Capital Schemes</b>									
1	DC1522	Borough Wide (Cycling) - Strategy Prioritisation	Brentwood	Thu 20/11/14	04/12/12	LBRE003003	Borough wide cycle strategy	£25,000.00	Completed and presented to the panel in September 2014.
2	DC1750	Hanging Hill Lane, Pondfield Lane, Brentwood	Hutton and Brentwood South	Tue 05/05/15	12/02/13	LBRE001002	Safety improvements	£60,000.00	Completion this financial year is anticipated. Trial holes and signage will be done this year, widening next.
<b>2013/14 Capital Schemes</b>									
3	DC1864	Hartwood Rd, Brentwood	Warley	Wed 15/04/15	10/07/13	LBRE132001	VAS sign to reduce speeds	£8,500.00	Completion this financial year is anticipated.
4	DC1868	Ashwells Rd & j/w A128 Ongar Rd & Mores Lane	Pilgrims Hatch	Mon 13/10/14	10/07/13	LBRE132009	FEASIBILITY/DESIGN ONLY: solutions associated with parking and congestion; creation of extra parking laybys and	£20,000.00	Design complete. See LBRE142006 ITEM 15
5	DC1867	Priests Lane, Shenfield	Shenfield	Mon 02/02/15	10/07/13	LBRE132006	FEASIBILITY/DESIGN ONLY: reduce speeds, improve visibility & improve footway	£5,000.00	Completion this financial year is anticipated. Date has change due to re programming in line with priorities.
6		Wilson's Corner - CR Scheme	Brentwood	Mon 19/12/14	10/07/13	LBRE131004	FEASIBILITY/DESIGN ONLY: Detailed traffic study - view to installing ITS	£5,000.00	<b>UPDATE;</b> Stage 1 modelling - initial investigation into signalling in conjunction with William Hunter Way, then hold pending results of December planning committee (Cllr Kendall direction).
7		Hogarth Estate (Hogarth Ave, Riseway, Shenfield Cres) - used as a shortcut between Priests lane and A128 Ingrave Rd	Brentwood South	Thu 18/12/14	29/10/13	LBRE132017	Detailed study/design and TRO.	£5,000.00	TRO is out now. Aiming to deliver this financial year all being well. See item 39
8		School Rd, Kelvedon Hatch	Kelvedon Hatch	Fri 28/11/14	29/10/13	LBRE132015	Detailed study/design and TRO.	£4,000.00	Design complete and agreed. PC have been consulted and decision taken. SEE ITEM 41
9		Hall Lane, Shenfield	Shenfield	Mon 08/09/14	29/10/13	LBRE132018	Detailed study/design and TRO	£4,000.00	COMPLETE see item 42
10		Shenfield & Brentwood rail stns, A129 Raleigh Rd/Alexander Lane mini RAB	Brentwood	Tue 31/03/2015	29/10/13	LBRE132020	Feasibility study and designs	£19,000.00	<b>UPDATE;</b>
11		Coxtie Green Road j/w Wheelers Lane	Pilgrims Hatch	Wed 02/02/15	04/02/14	LBRE131006	£3k towards prelim design and investigation to look at removal of existing Bennett junction and replacing with simpler priority.	£3,000.00	See anticipated completion date

12	B186 Warley Road j/w Great Ropers Lane	Warley	Thu 05/09/14	04/02/14	LBRE131005	£3000 towards preliminary design and investigation	£3,000.00	COMPLETE - see item 18
<b>2014/15 Capital Schemes</b>								
13	Footpath 15 & Byway 22 Kelvedon Hatch	Kelvedon Hatch	To be programmed	29/04/14	LBRE148001	Surface improvements	£25,000	To be considered as 'walk talk and build'. Out for costings.
14	Borough Wide	Brentwood	Mon 05/09/16	29/04/14	LBRE144001	Brentwood Cycle Strategy	£85,000	<b>UPDATE;</b> 'Task and Finish' group have met. Cllr Kendall to update.
15	Ashwells Road/ A128 Ongar road Bentley St Paul Primary School	Pilgrims Hatch	Mon 06/04/15	29/04/14	LBRE142006	Extra Footway/ Lay-by scheme . Phased scheme design currently being finalised.	£50,000	<b>UPDATE;</b> Phase 1 work to be carried out around the Feb 2015 half term - within this financial year. Phase 2 on potential schemes List.
16	St Anne's Road, Mountnessing	Mountnessing	Thu 26/02/15	29/04/14	LBRE142007	Works - installation of signing and lining improvements and initial drainage investigation.	£5,000	Signing and lining works to be done - see new anticipated completion date.
17	Orchard Avenue j/w Ingrave Road	Brentwood South	Thu 23/04/15	29/04/14	LBRE143005	Works - improvements to an existing pedestrian refuge and bell mouth junction.	£8,000	Completion this financial year is anticipated. Date has change due to re programming in line with priorities.
18	B186 Warley Road j/w Great Ropers Lane	Warley	Fri 20/03/15	29/04/14	LBRE141001	Casualty reduction site - design being finalised costs associated with implementation of scheme.	£10,000	
19	Coxtie Green Road j/w Wheelers Lane	Pilgrims Hatch	Thu 09/07/15	29/04/14	LBRE141002	Casualty reduction site - design being finalised costs associated with implementation of scheme.	£15,000	See new anticipated completion date.
20	Danes Way	Pilgrims Hatch	Mon 24/11/14	29/04/14	LBRE146001	£2000 towards preliminary design and investigation	£2,000	Complete - design with Cllr Aspinell for comment.
21	Mountnessing Post Office	Mountnessing	Fri 10/10/14	29/04/14	LBRE146002	Replacement bus shelter requested by the Parish Council	£9,000	COMPLETE
22	The Chequers, Rayleigh	Hutton East	Mon 24/11/14	29/04/14	LBRE146003	Install bus stop clearway within lay-by	£2,000	COMPLETE
23	Norman Crescent off Pondfield Lane	Brentwood South	Fri 30/01/15	29/04/14	LBRE146006	Install two new bus stop clearway markings	£4,000	COMPLETE
24	Cherry Avenue	Brentwood South	Mon 24/11/14	29/04/14	LBRE146005	Install two new bus stop clearway markings	£4,000	COMPLETE
25	Hornbeam Close		Fri 07/11/14	29/04/14	LBRE146007	Relocate bus stop onto island area. Existing shelter will need to be removed and a new shelter installed.	£12,000	<b>UPDATE;</b> Scheme cancelled on 07/11/14 at the request of Cllr Kendall who raised safety concerns over the new location of the stop. New painted bus stop clearway markings to be removed. New commission will have to be undertaken.
26	A128 Tilbury Road, West Horndon	West Horndon	Wed 13/05/15	29/04/14	LBRE143002	Provision of a pedestrian refuge/ footway	£7,000	Now programmed
27	Sandpit Lane, Pilgrims Hatch	Pilgrims Hatch	Tue 30/12/14	29/04/14	LBRE143006	Footway widening scheme from its junction with Ongar Road. Design: £2,000; Works: £8,000	£10,000	Now programmed

28		Hartswood Road, Kings Road, Pondfield Road	Brentwood	Fri 20/03/15	29/04/14	LBRE142008	Provision of new signing on the approach to three existing zebra crossings following recent safety assessment.	£7,700	
29		Bird Lane	Warley	Tue 14/10/14	29/04/14	LBRE142009	Upgrade to existing HGV signage on the approach to the lane.	£4,000	Scheme cancelled at the request of Cllr Kendall.
30		Eagle Way j/w Hartswood Road and Childerditch Lane	Warley	Fri 26/12/14	29/04/14	LBRE142010	Implementation of road studs/ 'rainline' road markings and introduction of two bell bollards to prevent overrunning.	£5,000	
31		Chelmsford Road/ Hutton Road, Shenfield (Tabors Corner)	Shenfield	Tue 30/03/15	29/04/14	LBRE147001	Following feasibility study it is supported to amend traffic signal phasings and amend the yellow box marking at this junction.	£11,000	Timings have been changed. Yellow box markings to be lengthened by the end of the financial year.
32		Roman Road, Mountnessing	Mountnessing	Wed 31/12/14	29/04/14	LBRE143007	Design and feasibility study - to widen existing pedestrian refuge and amend waiting restrictions outside Primary School.	£5,000	
33		Burland Way j/w Wates Way	Brentwood North	Fri 05/06/15	29/04/14	LBRE142012	Trial scheme modify the junction of Wates Way.	£10,000	Design complete and sent to Cllr Aspinell to consider.
34		Brentwood Road (Garden Centre opp Langford Bridge)	Kelvedon Hatch	Fri 10/07/15	25/06/14	LBRE145005	There is currently no hardstand/footway for which passengers can board or alight. This poses a significant safety concern which was highlighted in the Road Safety Audit in Autumn 2013.	£9,000	Completion this financial year is anticipated. Date has change due to re programming in line with priorities.
35		Eagle Way/w Hartswood Road (Devil's Head crossroads)	Warley	31/03/15	25/06/14	LBRE142019	This is an historical proposal and staff have since changed. It is therefore proposed to have a detailed design of this scheme to propose measures for this junction. Previously, a mini roundabout has been proposed and this will be reviewed with the historical plans available.	£10,000	
36		Sandpit Lane j/w Ongar Road	Pilgrims Hatch	31/03/15	25/06/14	LBRE142020	This is an historical proposal and it is therefore proposed to have a detailed design of this scheme to propose measures for this junction.	£10,000	
37		Sites are currently being determined (Brentwood Sites)	Brentwood	Mon 02/02/15	25/06/14	LBRE141003	Preliminary design and investigation costs for 2015/16 casualty reduction sites for a potential 4 sites at approx £4,000 each.	£16,000	<b>UPDATE;</b> Panel agreed in September to progress with detailed design for (1) Weald Rd j/w Weald Park Way (2) Hartswood Rd (3) A127 southbound j/w Childerditch Lane. Cllr Kendall to discuss other proposed schemes with Cllr Bass.

38		Honeypot Lane	Brentwood West	Fri 10/07/15	25/06/14	LBRE142021	Designs and legal costs (Traffic Order) to change 20mph zone to 20 mph limit. Request made for additional funding to cover cost of implementation as currently in design.	£5,000	TRO is out now. Aiming to deliver this financial year all being well.
39		Hogarth Estate (Hogarth Ave, Riseway, Shenfield Cres) - used as a shortcut between Priests Lane and A128 Ingrave Rd	Brentwood South	Mon 11/05/15	25/06/14	LBRE142022	Detailed study/design and TRO. Pilot for 20 limit on residential estate (local roads) which Brentwood BC would like to promote across the borough. Estate includes school. 3 estates were requested supported by local petition. Pilot to test the before and after impacts on 1 estate. 3 speed surveys (on streets above) with a combined mean of 23.3 mph for 12 hour 5 weekday results. Request made for additional funding to cover cost of implementation as currently in design.	£15,000	TRO is out now. Aiming to deliver this financial year all being well.
40		School Road, Kelvedon Hatch	Kelvedon Hatch	Mon 08/06/15	25/06/14	LBRE142023	Detailed study/design and TRO. Pilot for 20 limit on local road with school which Brentwood BC would like to promote across the borough. Pilot to test the before and after impacts. ECC. Request made for additional funding to cover cost of implementation as currently in design.	£10,000	The Cabinet Member Action is currently being processed. It is anticipated the 20mph speed limit will be advertised early next year and then installation before the end of the financial year. This will be dependent on the level of objections that may be received.
41		Hall Lane, Shenfield	Shenfield	Thu 26/02/15	25/06/14	LBRE142024	Detailed study/design and TRO for pilot extending 30 limit on local road with school to incorporate residential properties outside the existing 30 and assess village gateway option. Request made for additional funding to cover cost of implementation as currently in design.	£10,000	
42		B186/ A127 junction south of Woodlands School on Great Warley Street.	Warley	Tue 17/03/15	25/06/14	LBRE142025	Issue with the directional signage at the B186/ A127 junction regarding the lack of information for the M25 on the existing directional signage	£2,550	Now programmed
43		Crown Road Kelvedon Hatch	Kelvedon Hatch	Mon 15/12/14	25/06/14	LBRE142017	The entrance gates to the school are a few yards into Crown Road from Ongar Road on a bend and traffic coming along Crown Road cannot see vehicles using school gates.	£1,500	Now programmed
44		Hunter Avenue	Shenfield	Mon 02/03/15	25/06/14	LBRE142027	To investigate widening the footway in front of the car park. Cut back the hedge. There is a short section of footway in front of the main car park access which is very narrow.	£2,500	Design complete and sent to Cllr Aspinell to agree.



45		Stocks Lane junction, Kelvedon Hatch	Kelvedon Hatch	Tue 11/08/15	25/06/14	LBRE142018	Drivers cutting off the junction as they turn into Stocks Lane. Construct raised island.	£10,000	Now programmed
46		Larchwood Gardens, Pilgrims Hatch	Pilgrims Hatch	Mon 07/09/15	25/06/14	LBRE142015	Concern regarding the speed of traffic using Larchwood Gardens and the lack of signage in advance of the school. Scheme for additional signage and further feasibility into measures regarding speeding.	£6,500	Now programmed. This scheme has been raised as a priority for the next financial year and it is hopeful this date may be brought forward.
47		Great Fox Meadow, Kelvedon Hatch	Kelvedon Hatch	Wed 28/01/15	25/06/14	LBRE142016	Scheme to re install existing bollards with deeper foundations as they keep getting damaged.	£1,500	See new anticipated completion date.
48		Seven Arches Road	Brentwood South	Mon 30/03/15	25/06/14	LBRE142029	Feasibility for pedestrian crossing outside school after PV2 results indicate site is suitable.	£3,000	CLlr Kendall has raised concerns since SEPP introduced restrictions. Information passed to Design Team.
49		Great Ropers Lane	Warley	Tue 30/09/14	25/06/14	LBRE142002	Previous request for 20mph not validated. Feasibility study into possible speed control measures for the Lane past school.	£3,000	<b>UPDATE;</b> COMPLETE to be added to potential schemes list.
50		Bridleways 12 (Ingatestone and Fyerning) and 12 (Highwood)	Ingatestone & Fyerning	To be programmed	25/06/14	LBRE148002	Surface improvements to extensive potholes. Part of the works falls under Chelmsford City. Note; This has been discussed at the Chelmsford LHP and they are happy to contribute part of their budget – 50/50	£6,000	Meeting to be arranged with land owner, CLlr and Officers to discuss way forward.
51		Bridleways 12 and 13 (Highwood) and 13 (Ingatestone)	Ingatestone	To be programmed	25/06/14	LBRE148003	Surface and drainage improvements. Part of the works falls under Chelmsford City. Note; This has been discussed at the Chelmsford LHP and they are happy to contribute part of their budget – 50/50	£14,000	Meeting to be arranged with land owner, CLlr and Officers to discuss way forward.
<b>2014/15 Revenue Schemes</b>									
52	Revenue	Burland Way j/w Wates Way	Brentwood North	02/06/15	29/04/14	LBRE142012	Trial scheme modify the junction of Wates Way.	£1,000	COMPLETE - this has been used for the equipment in the scheme itself.
53	Revenue	Hunter Avenue, Shenfield	Shenfield	Fri 07/08/15	29/04/14	LBRE142001	Provision warning sign and new post at the entrance to PROW 171.	£1,500	
54	Revenue	Myrtle Road, Warley	Warley	Mon 10/08/15	29/04/14	LBRE143008	Provision of a bell bollard to protect the footway at the junction with Warley Hill	£2,000	
55	Revenue	Warley Hill opposite Pastoral Way	Warley	Fri 26/12/14	29/04/14	LBRE142004	Removal of four bollards within the footway.	£1,000	Complete
56	Revenue	Childerditch Lane j/w Eagle Way	Warley	Thu 26/03/15	29/04/14	LBRE142011	Provision of advance give way sign and new post.	£1,500	

57	Revenue	Station Road, West Horndon	West Horndon	Wed 08/04/15	29/04/14	LBRE142005	Provision of additional guard railing at the zebra crossing o/s Village Hall	£2,000	Linked to LBRE142004 - anticipated will be done this financial year.
58	Revenue	Rayleigh Road/ Poplars Drive, Hutton	Hutton North	To be programmed	29/04/14	LBRE143011	Feasibility study to look at introducing a pedestrian phase for the traffic signals at this junction.	£4,000	Out with contractor. Awaits date.
59	Revenue	Chelmsford Road/ Hutton Road, Shenfield (Tabors Corner)	Shenfield	31/03/15	29/04/14	LBRE147001	Feasibility study to look at the causes of queuing traffic on Shenfield Road to be undertaken and remedial measures considered.	£4,000	COMPLETE - see item 70
60	Revenue	Ongar Road, Kelvedon Hatch	Kelvedon Hatch	12/06/14	29/04/14	LBRE143009	Pedestrian survey in relation to a pedestrian refuge request	£910	COMPLETE
61	Revenue	Lincolns Lane	South Weald	02/09/14	25/06/14	LBRE142031	Speed/Volume survey request	£210	COMPLETE
62	Revenue	Hanging Hill Lane	Hutton South	10/10/14	25/06/14	LBRE142032	Speed/Volume survey request	£210	COMPLETE
63	Revenue	Coxtie Green Road	Coxtie Green	02/10/14	25/06/14	LBRE142033	Speed/Volume survey request	£210	COMPLETE
64	Revenue	Roman Road	Mountnessing	Tue 21/10/14	25/06/14	LBRE142034	Speed/Volume survey request	£210	COMPLETE
65	Revenue	Wash Road	Hutton East	02/10/14	25/06/14	LBRE142035	Speed/Volume survey request	£210	COMPLETE
66	Revenue	Warley Hill	Warley	Wed 29/10/14	25/06/14	LBRE143012	PV2 survey (i.e. degree of pedestrian conflict) which was previously agreed	£910	COMPLETE
67	Revenue	Westwood Avenue		02/10/14	05/08/14	LBRE142039	Speed/Volume survey request. A previous survey was carried out at the location which showed average daily speeds of 20.2mph (30mph limit). Cllrs request second survey to be carried out at a different location within this route and this is supported by residents.	£210	COMPLETE
68	Revenue	Middleton Hall Lane		02/10/14	19/08/14	LBRE142040	Speed/Volume survey request. A previous road safety audit was carried out at the location at the request of Brentwood School nearby with regard to safety and congestion concerns. Part of the recommendations from the report was to obtain a speed/volume survey at the earliest opportunity once the school returns after the summer break to assess the impact of speed.	£210	COMPLETE
69	Revenue	Moore's Place, Brentwood	Brentwood	31/03/15	30/09/14	LBRE142045	Speed/volume survey required to determine vehicular use on this busy lane off the High Street	£210	Has been changed to traffic survey
70	Revenue	High Street, Brentwood	Brentwood	Thu 20/11/14	30/09/14	LBRE142044	Two speed/volume surveys are required after numerous complaints received regarding speeding vehicles particularly at night. This is a long stretch of road.	£420	
71	Revenue	Little Warley Hall Lane, Warley	Warley	To be programmed	30/09/14	LBRE142046	Speed/volume survey required after complaints from horse riders in particular of vehicles speeding down the lane.	£210	COMPLETE



72	Revenue	Shenfield Road, Shenfield	Shenfield	To be programmed	30/09/14	LBRE142047	Speed/volume survey required after complaints there are speeding vehicles at two locations in particular, therefore two surveys requested.	£420	COMPLETE
73	Revenue	Various Brentwood sites	Brentwood	To be programmed	30/09/14	LBRE142048	Four speed/volume surveys are requested so there can be recommendations made in between panel meetings once appropriate approval has been sought for each location as it arises.	£840	
74	Revenue	High Street, Ingatestone	Ingatestone	Fri 21/11/14	30/09/14	LBRE142049	two speed/volume surveys are requested after numerous complaints have been received of speeding vehicles through the High Street. This is a long stretch of road so two are required to cover it.	£420	COMPLETE
75	Revenue	Pemberton Avenue, Ingatestone	Ingatestone	To be programmed	30/09/14	LBRE142036	PV2 is requested after complaints of dangerous driving and no safe place for the children to cross to get to the junior school. This is an initial investigation to see if a crossing would be feasible.	£890	COMPLETE

KEY	
	Cancelled scheme
	Complete scheme
	New information
	Revenue





## BRENTWOOD BOROUGH COUNCIL WITH ESSEX COUNTY COUNCIL REPORT 2– POTENTIAL SCHEMES 15<sup>th</sup> December 2014

As reported at the September 2014 panel meeting the Brentwood members had committed 100% of the capital funding - £449,762 allocated from the £449,876 budget. The capital schemes below therefore cannot be considered for funding but members can continue to consider the revenue items.

Some schemes are awaiting the results of the validations and speed surveys before they can be formally considered as a future scheme for funding.

### CAPITAL FUNDING

MINOR SCHEMES					
LOCATION	SCHEME	PROBLEM	COST	RAG	NOTES/ COMMENTS
1	<b>The Drive, Warley, outside Mayflower House LBRE142041</b>	To investigate the possibility of a zebra crossing, or a scheme that could assist in the safe crossing outside Mayfield House.		Amber	Awaits validation prior to a PV <sup>2</sup> assessment

2	<b>Moores Place LBRE142038</b>	To identify speeding/parking/ issues	Cllr Morrissey and Cllr Kendall-concerns regarding blocked road when unloading Little pavement so safety concerns		Amber	In validation pending traffic survey LBRE142045
3	<b>A128 Ongar Road, Kelvedon Hatch, near to j/w Crown Road, by The Briars and Thorns Cottages LBRE142037</b>	To investigate safety by considering speed calming measures on this stretch of road, in particular Immediately outside The Briars and Thorn Cottages.	Raised by Parish Council on behalf of residents. There are safety concerns even though there is an existing VAS for northbound traffic, and a safety camera for southbound. Vehicles have lost control and damaged nearby property.		Amber	This is PR1. Policy states that no physical traffic calming measures can be installed. There is an existing VAS and speed camera in the area, which would aid in keeping traffic speeds within the speed limit. The road camber was checked and was suitable for the speed limit <b>Have requested historical speed data. Asked to re-evaluate.</b> It is recommended not to carry out any traffic calming measures
4	<b>Middleton Hall Lane LBRE142042</b>	To investigate existing/additional signage, as well as the location/visibility of the existing zebra crossing	Road safety audit carried out at the request of the school. This highlighted several areas to investigate. Speed survey has been requested.		Amber	Speed survey has already been requested – Cllr Kendall. Awaiting validation to be completed
5	<b>Alexandra Road, Brentwood Train Station LBRE142043</b>	To install four disabled parking bays at the existing spaces.	Currently disabled parking is only available at the NCP car park making access to the station particularly long and		Amber	Awaiting validation and further discussion re Crossrail

			arduous for wheelchair/mobility scooter users.			
6	<b>Little Warley Hall Lane, Warley LBRE142050</b>	To investigate concerns of speeding vehicles and look at potential additional signage with regard to the increase in use by horse riders.	Cllr Kendall has received complaints of speeding vehicles which has raised concerns as there are an increasing number of horse riders using the Lane. Another horse riding school has opened to contribute to this.		Amber	Awaiting validation
7	<b>Warley Hill LBRE142053</b>	Installation of bollards to prevent pavement parking.	Since the opening of the Tesco Express store vehicles will often stop and park on the footway right beside the entrance to the store. This blocks the footway as well as causing an obstruction on a busy road. Cllr Kendall has secured funding from Tesco. <b>Tesco have agreed to fund this.</b>		Amber	Awaiting validation

8	<b>Warley Hill LBRE142056</b>	Installation of zebra crossing/crossing facility	Cllr Kendall - A new Tesco Express store has recently opened on Warley Hill. This has lead to a lot more people wanting to cross Warley Hill to visit the store. PV2 criteria met. <b>Tesco have agreed to contribute £20,000.</b>		Amber	Awaiting validation
9	<b>Church Lane/Hall Green Lane/Hutton Village, Hutton LBRE142054</b>	Investigate additional for HGVs	HGV sat navs are directing them down Church Lane, Hutton, from the A129 Rayleigh Road into totally unsuitable routes. They get completely stuck at times. Supported by Cllr Hirst.		Amber	Awaiting validation
10	<b>Chafford Gardens, West Horndon LBRE142051</b>	To investigate measures to improve safety with regard to parking issues outside the shops.	PC have contacted Cllr Hirst with regard to safety concerns re parking outside the shops and reversing off the footway resulting in 'near misses' with pedestrians.		Amber	Awaiting validation



11	<b>Wash Road LBRE142057</b>	To investigate speed/turning movements of HGVs around the CEMEX works	Cllr Hirst - The right hand turn from Cemex is obscured and there are concerns for vehicles exiting.		Amber	Awaiting validation – speed survey results with Engineer LBRE142035
12	<b>Westwood Avenue/West Park Hill/Adjoining Roads. LBRE142055</b>	To introduce 20mph zone/limits	Cllr Kendall - many residents in Westwood Avenue are very concerned about the speed of the traffic. There are many families living down there with young children. Recent speed survey indicates the road meets the criteria for a 20mph limit/zone.		Amber	Awaiting validation
13	<b>Great Ropers Lane. LBRE142058</b>	Implementation of 40mph, additional signage, carriageway markings and flashing warning signs.	Previous feasibility undertaken and agreed. Costing only with information that was available.	£28,000	Green	This is to include detailed design, supervision costs, and scheme implementation.
14	<b>Ashwells Road by Bentley School. LBRE142059</b>	Implementation of phase 2 of kerbing/layby.	Two part scheme	TBC		

## PASSENGER TRANSPORT

	LOCATION	SCHEME	PROBLEM	COST	RAG	NOTES/ COMMENTS
15	<b>Bus Stop 374 Ongar Road, by Rose &amp; Crown, Pilgrims Hatch CM15 9JH LBRE145006</b>	Remove existing metal shelter and replace with wooden; Newstead/Hassocks Style.	Requested by resident and supported by Cllr Aspinell.	£10,000	Green	
16	<b>Tipps Cross Remembrance Hall bus shelter. LBRE145007</b>	Replace dilapidated shelter with new wooden shelter.	Renew. Requested by Parish and supported by Cllr Naylor.	£10,000	Green	
17	<b>Danes Way, Pilgrims Hatch. LBRE145008</b>	Kerb realignment and bus stop relocation, as per design completed in 14/15 (LBRE146001)	Relocate existing stop and provide space. Supported by Cllr Aspinell.	£30,000	Amber	Awaiting feedback from Cllr Aspinell on the design.

18	<b>Tilbury Road, West Horndon. LBRE145009</b>	Install new wooden bus shelter.	Requested by resident and supported by Cllr Hirst.	£8,500	Green	
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## REVENUE FUNDING

### SPEED SURVEYS AND PV<sup>2</sup>

	LOCATION	SCHEME	PROBLEM	COST	RAG	NOTES/ COMMENTS
1	<b>The Drive, Warley, outside Mayflower House. LBRE142060</b>	To investigate if there is criteria for crossing point	Request from Cllr Hubbard for investigation into the possibility of a zebra crossing, or a scheme that could assist in the safe crossing outside Mayflower House.	£900	Green	Validation in - PV2 requested after initial investigation. This can then feed into validation to investigate possibility of crossing.
2						

<b>3</b>						
<b>4</b>						

# Essex Highways

## Highways Practice Note 020

### Zebra Crossings - Halo Beacons and Modular Posts

**Version 2 - Updated September 2014**  
**Olive Porter, Network Management**

# Zebra Crossings - Halo Beacons and Modular Posts

## 1. Scope

To set the procedure used to determine the criteria to be met for the installation of halo beacons and modular posts at zebra crossing locations in Essex.

Within Essex, halo beacons or modular posts are **ONLY** to be used through the agreement of the Safety Engineering Team in order to address an identified visibility issue.

Halo beacons or modular posts should not be automatically installed at new development sites because crossing should be made conspicuous by other means.

## 2. Background

The purpose of both halo beacons and modular posts at zebra crossings is to highlight the visibility of the zebra to highway users.

Previously there have been no guidelines issued as to when halo beacons or modular posts may be considered at zebra crossings. This has resulted in their installations at locations where there was not an issue with visibility nor any identified pattern of personal injury collisions by the Safety Engineering Team. The over use of halo beacons and modular posts will result in drivers becoming accustomed to them and they will lose their impact on sites where there are specific problems that are trying to be address.

## 3. Policy

To ensure that all road users are provided with a safe, suitable and appropriate route to travel to their final destination.

## 4. Practice

The need to review the use of halo beacons and modular posts has arisen due to the initial cost of purchasing them and the ongoing maintenance liability in replacing them. They can only be used if identified as part of a Collision Reduction Scheme and agreement with the Safety Engineers has been obtained identifying that their use will address the collision pattern at the specified location.



At present the Street Lighting Team do not maintain either the halo beacons or modular posts due to budget restraints and unless they are situated at agreed collision reduction sites.

If the halo beacons at a zebra crossing is not operational it will be replaced with normal beacons unless it was installed under a Collision Reduction Scheme. (Approximate cost for each halo as at May 2014 is £2,000).

If the lit light inside the modular posts of a zebra crossing fails it will not be replaced unless it was installed under a Collision Reduction Scheme. (In very rare cases, there is an internal tube light which can be replaced very cheaply, in this instance the Street Lighting Team will continue to carry out this function).

At existing sites if damage to the modular posts or halo beacons occurs and it is not an agreed collision reduction site then standard equipment will be used to replace the damage.

Sites where requests have been made for modular posts or halo beacons should in the first instance be assessed to identify if there have been collisions at the site location (see <http://www.essexworkstraffweb.org.uk/welcom.html>) and liaise with the Road Safety Team.

The Safety Engineer will decide if the site meets the criteria to be considered for halo beacons or modular posts and the Design Engineer must ensure that only approved equipment is specified for installation.

If the site does meet the criteria to be classed as a Collision Reduction Site and the site is upgraded using modular posts or halo beacons the Safety Engineer will advise the Street Lighting Team who will register the information on their Asset Management System and ensure that these particular zebra's will be replaced with like for like equipment. The Street Lighting Team will only place sites given to them by the Road Safety Team on their Asset Management System.

If the site does not meet the criteria to be classed as a Collision Reduction Site the following could be investigated:-

- Upgrading the signs and lines either side of the zebra crossing
- Consult with the Street Lighting Team on the possibility of upgrading the brightness of the beacons of the zebra crossing or improve the street lighting
- Upgrade the lights shining on the carpet of the zebra crossing
- Renewing/upgrading warning signs prior to the zebra crossing
- Cutting back vegetation before and after the zebra crossing
- Identify if enhanced lining is required (nitesite/rainline)
- Is the location of the crossing appropriate (NOTE any changes in location require notice to be issued)

Only equipment that has been approved for use may be installed (for further clarification speak to the Maintenance Team).

The Department for Transport (DfT) states that if a halo is implemented the internal globe must also be illuminated/flashing.

Funding for modular posts, halo beacons or any other remedial works at zebra crossings will need to be obtained via the Local Highways Panel.

## **5. Further Information**

There is no guidance from the DfT on the use of halo beacons or modular posts.

The following are still current:-

Local Transport Note 1/95 - The Assessment of Pedestrian Crossings

Local Transport Note 2/95 - The Design of Pedestrian Crossings

The Zebra, Pelican and Puffin Pedestrian Crossings Regulations and General Directions 1997

Compiled by	Olive Porter Network Management Team	Date: June 2013
Approved by	Liz Burr Business Unit Leader - Network & Safety	Date: 2 <sup>nd</sup> August 2013
Authorised by	Paul Bird Director for Highways & Transportation	Date: 5 <sup>th</sup> August 2013
	Mark Rowe Service Leader - Essex Highways	Date: 7 <sup>th</sup> August 2013

**Version control:**

**Current Version [2] September 2014**  
**Previous Version – June 2013**



## Beacon Lights for Pedestrian Crossing

Currently there are a number of criteria that need to be met before beacon lights can be installed:

- Single site – four personal injury collisions (PICs) in five years within a 50metre radius
- Loss of control – three PICs (with loss of control identified as a contributory factor) in three years with a 250metre radius

Cllr Johnson has considered this information and is not minded to permit Local Highways Panels (LHPs) to determine where beacon lights should be installed unless they meet this criteria, as it would contravene national standards and best practice.

No PICs have been recorded on the crossings that have been proposed by Cllr Kendall;

- B185 Kings Road Brentwood
- Pondfield Lane Brentwood
- Hartswood Road, Brentwood

Collision data for pedestrian crossings in Brentwood does not support the case for the installation of beacon lights, as the table below shows:

Location	Number fatalities	Number seriously injured	Number with slight injuries
BLACKMORE RD APPROX 20M EAST J/W SWAN LANE	0	1	0
WARLEY HILL, BRENTWOOD PEDESTRIAN CROSSING AT J/W CRESCENT ROAD	0	1	0
ONGAR ROAD 20M SE OF J/W DODDINGHURST ROAD.	0	1	0
EAGLE WAY APPROX 25 METRES EAST OF THE DRIVE	0	0	1
HIGH STREET INGATESTONE 20 YRDS J/W STOCK LANE	0	0	1
QUEENS ROAD, BRENTWOOD	0	0	1
A128 ONGAR ROAD, PILGRIMS HATCH APPROX 125M STH EAST J/W WARESCOT ROAD	0	0	1
WESTERN AVENUE J/W WEALD ROAD, BRENTWOOD	0	0	1
390 ORCHARD J/W SANDPIT LANE	0	0	1
161 KINGS ROAD, BRENTWOOD	0	0	1

However, Cllr Johnson has suggested there are a number of other safety measures that can be considered;

- replacement of worn carriageway markings (NB these are Maintenance);
- increasing the size of “Zebra crossing ahead” warning signs;
- extending the length of the “zig-zag” road markings;
- refresh banding on posts(NB these are Maintenance).

Please see Essex Highways Practise Note 020 ‘Zebra Crossings – Halo Beacons and Modular Posts’ attached for information.

Respectfully submitted for the consideration of Brentwood LHP Members.



