



ESSEX COUNTY COUNCIL WITH BOROUGH OF BRENTWOOD LOCAL HIGHWAY PANEL – 20th January 2014

Date: Monday 20th January 2014
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)



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 	CS	Report 1 Report 2
6	Scheme Requests <ul style="list-style-type: none"> o Scheme Request Report 	CS	Report 3
7	Schemes to Consider for Funding <ul style="list-style-type: none"> o Schemes for Funding Report 	CS	Report 4 2 x CR
8	Highway Rangers Report	CS	Report 5
9	Capital Maintenance Programme (for information)	CS	Report 6
10	S106 Report (for information)	CS	Report 7
11	Items for Future Meeting	Chair	Verbal
12	Any other business	Chair	Verbal
13	Date of next meeting: Monday 10th March 2014 19:00 hrs	Chair	


scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
CAPITAL SCHEMES in PROCESS (2012-13)									
Minor Schemes									
LBRE0 02002	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. Needs removal of highway rights. Design 2013-14. Works 2014-15
LBRE0 07001	ITS	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
LBRE1 32016	DC1883	West Horndon	Station Rd	Guard rails - extend by approx. 6 panels at existing ped. Crossing	£600	Sept 2012	2.10.12	31.3.14	#####
LBRE1 32013	DC1877	Mountnessing	Old Church Rd (River Wid end)	Give way and side road ahead signs	£2,300	Feb 2013 (£1k) 22.10.13 (£1.3k)	28.2.13 (£1k) 31.10.13 (£1.3k)	31.3.14	Original £1k estimate insufficient - top up £1.3k approved. Job sent to contractor Dec 2013. Awaiting installation date.
LBRE1 32014	DC1884	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.
					£29,650	5			

scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
Bus Stop Improvements									
LBRE0 05001	DC1512 a	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	31.3.14	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. CONFIRM job 1540558
LBRE0 05001	DC1512 b	Ingatestone	Whadden Chase stop. Roman Road	Wooden shelter & raised kerbs	£10,500	July 2012	4.12.12	31.1.14	Raised kerb (£2900) Oct 2013. Shelter (£7600) ordered for Nov installation. However permission from UK Power Networks (because of overhead cables) still awaited.
LBRE0 05001	DC1512 c	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	Cancelled	#####
LBRE0 05003	BSI	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
					£21,000	4			

scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
Casualty Reduction Schemes									
LBRE0 01002	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 (£20k) design complete - sent for works programming. 3 in feasibility study. Trial holes to establish depth of National Grid apparatus. BT investigation of telecoms apparatus (£7k). LHP to see study & design when complete
LBRE0 01001	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									
LBRE0 03003	DC1522	Brentwood	Borough wide	Cycling study. Cycle ways and facilities.	£25,000	Nov 2012	4.12.12	31.3.14	#####
					£25,000	1			
Total Capital recommendations for Brentwood - In progress (2012-13)					£140,650	12			

scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
CAPITAL SCHEMES COMPLETE (2012-13)									
Minor Schemes									
LBRE0 02003	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 and j/w Hart St, pending review of budget remaining. HLO requested update from Essex Highways (16.12.13)
									
					£21,000	1			
Walking									
LBRE0 03002	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									
LBRE0 05002	BSI	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).
									
LBRE0 05004	BSI	Warley	Crescent Road stop. Vaughan Williams Way	Pole and flag to formally mark existing stop	£1,000	Jan 2013	1.3.13	Complete 12.12.13	COMPLETE
					£2,000	2			
Public Rights of Way									
LBRE0 08001	PRoW	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			

scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
Cycling									
LBRE0 04001	DC1331	Shenfield	Shenfield Station	Cycle storage	£23,000	July 2012	4.12.12	Complete Mar 2012	
									
					£23,000	1			
Total Capital recommendations for Brentwood - Complete (2012-13)					£118,000	6			
TOTAL RECOMMENDATIONS		CAPITAL		In process & complete	£258,650	18	(funds approved by CM)		

- 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

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	In design. Desired equipment (double sided) being investigated. Resident has strongly objected to proposed location. Site visit with Solagen to assess for new location.
LBRE1 32002	DC1865	Hutton	Hanging Hill Ln, nr St Martin's School	2 speed activated VAS where crossing against policy	£17,000	1.7.13	10.7.13	31.3.14	In design. 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	In design
LBRE1 32003	DC1866 DC1875	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	In design. Separated into 2 schemes. DC1866 for traffic management. DC1875 for drainage. £1250 ea.
LBRE1 32003	DC1866 DC1875	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	In design
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	In design
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 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, extending 40mph limit on A128 south, flashing school lights/VAS.	£20,000	1.7.13	10.7.13	31.3.14	In design. 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	In design
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.
LBRE1 32017	TBC	Brentwood	Hogarth Estate (Hogarth Ave, Riseway, Shenfield Cres) - used as a shortcut between Priests Lane and A128 Ingrave Rd	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.	£5,000	22.10.13	31.10.13	2014-15	
LBRE1 32015	TBC	Kelvedon Hatch	School Rd, Kelvedon Hatch	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 policy is mean speeds must be below 29mph. Speed surveys met this criteria with a combined mean of 24.2 mph for 12 hour 5 weekday results.	£4,000	22.10.13	31.10.13	2014-15	
LBRE1 32018	TBC	Shenfield	Hall Lane, Shenfield	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.	£4,000	22.10.13	31.10.13	2014-15	

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LBRE1 32019	TBC	Shenfield	Tabors Corner - junction A1023 Chelmsford - Shenfield Rds w Hutton Rd	Feasibility study including video evidence to investigate; modifying crossing to a stagger; changing the signal sequencing, relocating crossing or introduce some form of enforcement (camera). During peak periods drivers regularly run the red light obstructing or driving through pedestrians during the period the green man.	£3,800	22.10.13	31.10.13	2014-15	Camera study traffic data collected for analysis (Nov 2013)
LBRE1 32020	TBC	Brentwood & Shenfield	Shenfield & Brentwood rail stns, A129 Raleigh Rd/Alexander Lane mini RAB	Feasibility study and designs - Station and passenger transport improvements and mini RAB capacity improvements to tie in with the implementation of Crossrail as part of the Crossrail urban design study.	£25,000	22.10.13	31.10.13	2014-15	
					£122,500	13			
Bus Stop Improvements									
LBRE1 36001	BSI	Ingatestone	Alms Houses, High St	New wooden shelter for elderly residents.	£9,000	1.7.13	16.7.13	31.1.14	Ordered for installation same time as Whaddon Chase stop (2012-13). Awaiting UK Power Networks permission for Whaddon.
LBRE1 36003	BSI	Kelvedon Hatch	Rose & Crown, A128, 390 Ongar Road, CM15 9JH	WORKS - New wooden shelter for elderly residents. Straight forward installation	£9,000	22.10.13	31.10.13	2014-15	Cllr requested change to metal shelter (lit) to match opposite stop. BSI Officer has confirmed OK and will re-cost.
LBRE1 36004	BSI	Kelvedon Hatch	A128, Ongar Rd, Nuclear Bunker entrance	Feasibility study - for 2 new stops for visitors. Nearest stops are 100m north with no footway or off road stand on busy road. May require land purchase.	£2,000	22.10.13	31.10.13	2014-15	
LBRE1 36002	BSI	Kelvedon Hatch	Garden Centre on A128, Ongar Rd, just south of River Roding bridge.	Raised and drop kerbs and new hardstand to prevent standing in road. Stop on opposite side of road already installed from 2012-13 budget. Risk assessment recommended same treatment for this side to prevent standing in a busy road.	£9,000	22.10.13	TBC	2014-15	CM to approve Q4 2013-14.
					£29,000	3			

scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
Casualty Reduction Schemes									
LBRE1 31003	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	In design
LBRE1 31004	ITS	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 (Surveys)	#####
					£25,000	2			
Walking									
LBRE1 33005	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	2014-15	In design
					£2,500	1			
Total Capital recommendations for Brentwood - In progress (2013-14)					£179,000	19			

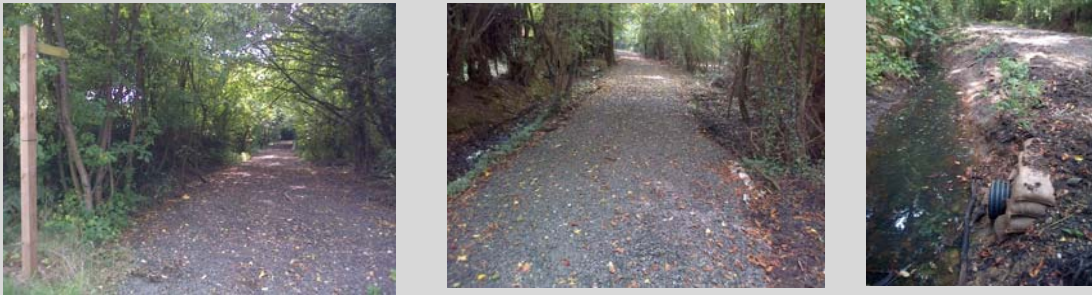
scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
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CAPITAL SCHEMES COMPLETE (2013-14)

Public Rights of Way

LBRE138002	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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scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM Approval	Expected complete (WP)	Status
LBRE138003	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			
CAPITAL In process & complete					£241,500	21	(recommended by LHP)		

- for Q1 2013-14 CM approval or defer till 2014-15 budget
- 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



ESSEX COUNTY COUNCIL AND BOROUGH OF BRENTWOOD LOCAL HIGHWAY PANEL – 20th January 2014



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 – for validation
- C: Schemes to consider for funding

A: Scheme requests - survey results received

A1: Seven Arches Road – zebra crossing

The Governor at Brentwood County High School (BCHS), Supported by Cllr. Kendall, 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.

Full surveys have been circulated to LHP Members including maps.

The CDPV² score was 0.2, where the threshold for eligibility is 0.2. Therefore the site does meet the criteria for a zebra crossing.

The request has been submitted for validation.



A2: Shenfield Rd near Nuffield Hospital – zebra crossing

Request suggested 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 was 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.

Prior to a validation a pedestrian vehicle survey (CDPV²) was ordered to establish eligibility.

Full surveys have been circulated to LHP Members including maps.

The CDPV² score was 0.04, where the threshold for eligibility is 0.2. Therefore the site does not meet the criteria for a crossing.

A3: Hanging Hill Lane near Sylvia Avenue– zebra crossing

Request following crossing point nearer St Martin's School not meeting eligibility criteria.

Prior to a validation a pedestrian vehicle survey (CDPV²) was ordered to establish eligibility.

Full surveys have been circulated to LHP Members including maps.

The CDPV² score was 0.04, where the threshold for eligibility is 0.2. Therefore the site does not meet the criteria for a crossing.

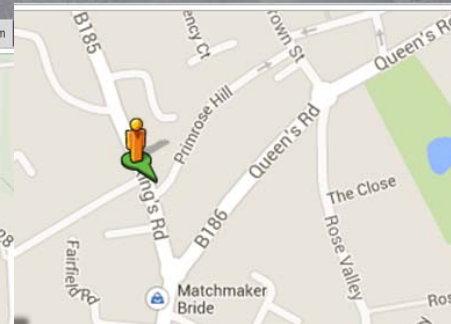
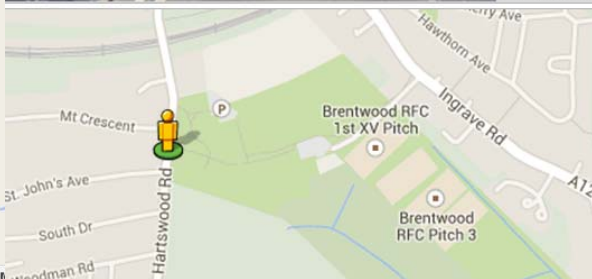
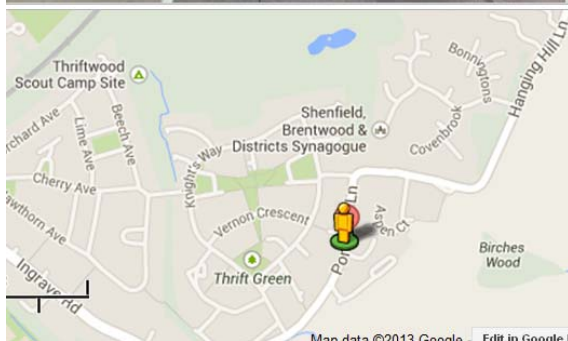
A4: 3 x Safety Assessments for Brentwood zebra crossings

These were requested by Cllr. Kendall following concerns regarding visibility of 3 zebra crossings, including a request for halo beacons to be considered: Kings Rd; Pondfield Lane; Hartswood Rd

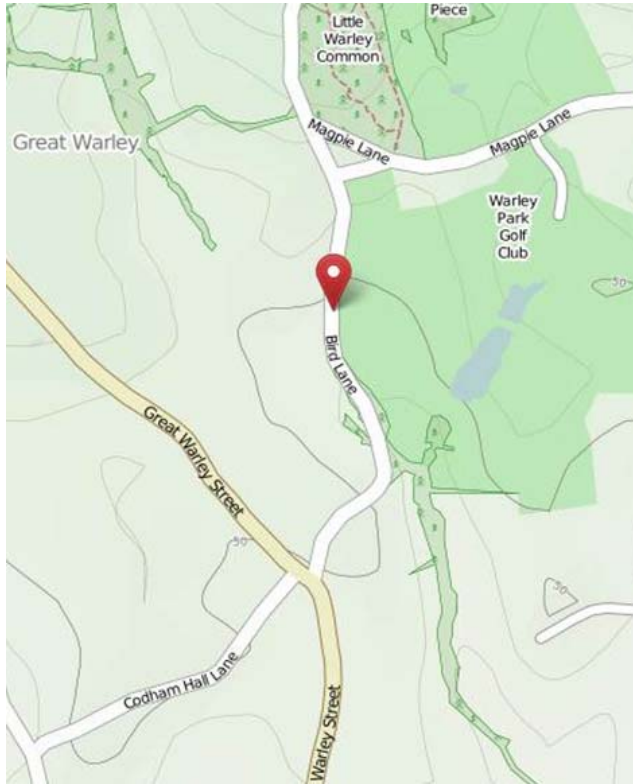
The reports have been sent to Panel Members. They concluded that the requirements were not met for halo beacons. However, there were several recommendations including; marking maintenance; zig-zag extensions; pole repainting; hood alignment; vegetation trimming and improved signage.

The HLO has requested actions on these recommendations.

The signage would be an LHP minor scheme which has been sent for validation.



A5: Bird Lane, Warley – HGV concerns



Request from Cllr Kendall 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.

Assess what else can be done to tackle the problem. Would it be possible to introduce a total HGV ban and any further measures to prevent HGVs entering Bird Lane?

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 poor compliance of drivers observing the existing 20mph speed limit.

The request has been submitted for validation.

Bird Lane	north bound	south bound	combined
Mean average	26.7	26.3	26.5
Average weekday HGVs	5	2	7

A6: 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. To assess this issue a new speed survey was required.

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 40mph speed limit. The existing limit is deemed appropriate.

Church Rd	East bound	West bound	combined
Mean average	33.8	35.5	34.7

A7: B186 Great Warley St & Warley St to A127– speed related issues

Cllr Kendall has been contacted by some residents 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. Existing BBC HGV prohibition which is signed from A127 – but this does not exclude HGVs on legitimate local business. Enforcement should be requested direct to ECC Trading Standards.
2. Chicanes would not be appropriate on PR1 route.
3. There are already village gateways near St Mary the Virgin. New sign south of Woodlands Sch. would be part of validation.
4. Most traffic calming measures would not be appropriate on a PR1 route that is restricted to 40 and 30 in main residential area. There is a double sided VAS near the top of Great Warley St. Request needs more clearly defining for validation. Speed survey ordered.
5. 5 year accident stats – 16 slight & 3 serious over 2 km stretch. Main cause driver error/carelessness, especially in wet. 2 alcohol related, 2 possible speeding. 3 serious were 2 motorcycles and 1 bicycle. Does not currently meet accident reduction scheme criteria.

Additional information:

Speed survey - location near village gateways.

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 slightly poor compliance of drivers observing the existing 40mph speed limit. However, the excess speed is less than +5mph and therefore measures such VAS would not be eligible.

Scheme request template sent to Cllr to clarify issues, locations and proposals - returned and sent for validation.

Gt. Warley St	North bound	South bound	combined
Mean average	41.6	44.6	43.1

B: Scheme requests for validation

	Location	Problem	Cllr	status
Requests submitted for validation				
1	Danes Way	Layby outside shops lined with bollards	Aspinell	Boundary check requested 11.12.13 Validation submitted 11.12.13
2	Devils Head	Re-assessment of the viability and cost of a feasibility study for roundabout or signalisation at Devils Head including an assessment of previous BBC research and plans.	Kendall	Validation submitted 11.12.13
3	Devils Head	Advance give way sign on Childerditch Lane	Hirst	Boundary check requested 11.12.13 Validation submitted 11.12.13
4	Hartwood Road, Kings Rd, Pondfield Lane	New signage for 3 zebras following safety assessments	Kendall	Validation submitted 11.12.13 with 3 safety assessments
5	Alexander Lane, between school astro turf pitch and recreation field	Build out to aid safe student crossing and calm traffic	Cohen	Boundary check requested 11.12.13 Speed survey 2009 = av. 24.3 mph Validation submitted 11.12.13
6	Bird Lane	Problems with heavy lorries using the lane causing congestion, significant erosion of the verges and damage to low tree branches. Assess what can be done to tackle the problem. Would it be possible to introduce an HGV ban in Bird Lane?	Kendall	Speed survey/traffic volume count circulated and in Report 3 section A Validation submitted 11.12.13
7	Sandpit Lane j/w A128	Widen south side footpath alongside hedge	Aspinell	Boundary check requested 11.12.13 Validation submitted 11.12.13
8	Western Rd between William Hunter Way & Park Rd	Priority working island is a hazard and has been hit many times. Can it be removed?	Aspinell	Validation submitted 11.12.13

9	Highland Ave near j/w Tree Tops	Island serves no purpose and restricts parking. Can it be removed?	Aspinell	Validation submitted 11.12.13
10	Burland Rd j/w Wates Way	Traffic on Burland Rd takes a short cut up no entry Wates Way. There are no entry signs but needs to be an advance no left turn sign on 2nd from last lamp post on Burland Rd	Aspinell	Validation submitted 11.12.13
11	Seven Arches Rd near County High School	Zebra crossing request	Kendall	CDPV ² criteria met Validation submitted 16.12.13
12	B186 Gt. Warley St – Warley St to A127 (approx. 2km)	Concerns with speeding	Kendall	Speed survey received and circulated. See Report 3 section A Validation submitted 20.12.13
13	Woodman Road, Warley	Concerns with speeding	Kendall	Validation submitted 12.12.13
14	Roman Road, Mountnessing	Pedestrian Refuge Upgrade	Parish Council	Validation submitted 19.12.13
15	Great Warley Street, opposite Bird Lane	Footway extension	Kendall	Validation submitted 06.01.14

Requests awaiting survey results before validation

1	Warley Hill, Tesco Express forthcoming	Zebra crossing request. Failed CDPV ² test. New test to be done when store opens. Tesco may consider contribution if test passed.	Kendall	CDPV ² approved. Order when store opens Validation not drafted until survey in
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Requests awaiting further information from Cllrs. before validation

1	Orchard Lane	Verge/path converted to parking to reduce congestion. NB – Removing parking will likely increase speeds	Aspinell	12.12.13 Draft scheme request sent to Cllr to complete – defining problem and proposed solution
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Requests declined

1	Shenfield Rd, Nuffield hospital	Zebra crossing request	Cohen	CDPV ² criteria not met. See Report 3 section A
2	Hanging Hill Lane, near Sylvia Avenue	Zebra crossing request	Hirst	CDPV ² criteria not met See Report 3 section A
3	Church Rd, Kelvedon Hatch	Speeding concerns (Parish) Request for 40 to 30 mph	Parker	Speed survey received and circulated. See Report 3 section A
4	Sandpit Lane j/w A128	Reduce signage	Aspinell	There is a legal requirement for regulatory signage (signs which have an order on them) to be individually sited. Looking at the signage which is here they all fall into this category and as such cannot be combined to reduce clutter.
5	A128 Ongar Rd – 2 zebras outside Rose & Crown & south of Orchard Lane	Spot lights onto pavement next to crossing so motorists can see pedestrians waiting and especially if street lights are turned off	Aspinell	Existing street lighting provides sufficient light. These street lights will not be switched off.

C: Schemes to consider for funding

Schemes to consider for funding are listed in Report 4. Some extra detail is provided here.

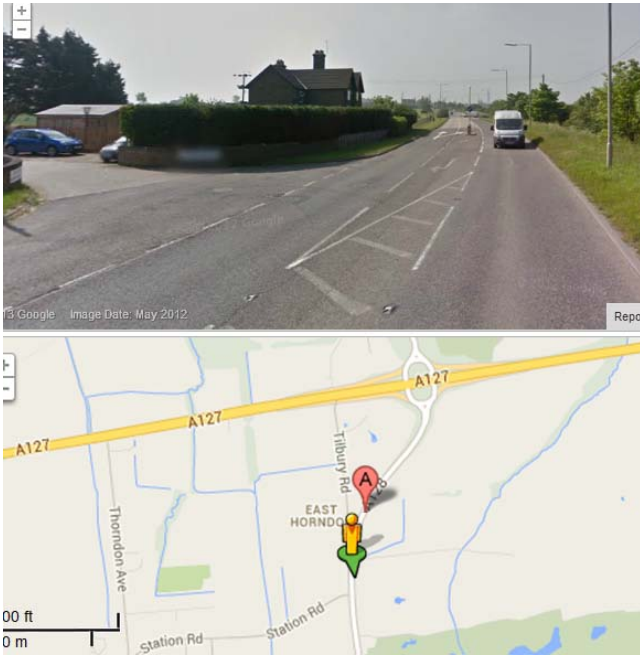
C1: B186 Warley Road J/w Great Ropers Lane – Casualty Reduction Scheme

- Improved signage warning of bend with junction
- £3k preliminary design and investigation
- £10k estimate for detailed design and build
- See specific Casualty Reduction report for details

C2: Coxtie Green Road J/w Wheelers Lane – Casualty Reduction Scheme

- Improvements to junction layout
- £3k preliminary design and investigation
- £15k estimate for detailed design and build
- See specific Casualty Reduction report for details

C3: 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 validation engineer has revisited the site recently for a better assessment.

Improvement measures recommended, subject to adequate width & Safety Audit.

- a) Construct new centre refuge with lit signage
- b) Construct 5.0m long x 1.2m wide footway (to connect to existing footway)
- c) Construct 2 crossing points with tactile paving.

Estimated Cost £5,000

Design/supervision and safety audit £1,500



**ESSEX COUNTY COUNCIL AND
BOROUGH OF BRENTWOOD
LOCAL HIGHWAY PANEL – 20 January 2014**

REPORT 4: SCHEMES for FUNDING

The Brentwood LHP revised budget for 2013/14 is £ 239,200 of which £ 241,500 has been recommended by the Panel to date, i.e. £2,300 over budget.

Of this, 4 schemes of works, totally £27,000, have not yet been approved by the Cabinet Member. These 4 schemes are shown as pink on Report 2. Three are awaiting completion of designs; the other is a bus stop hard stand. These works are not yet approved as delivery could not be guaranteed in 2013-14. The expectation for approval is in Q4 2013-14.

The Panel has the option of deferring Cabinet Member approval for these 4 schemes until the 2014-15 budget is available. Therefore, potential there is £27,000 - £2,300 = £24,700 of 2013-14 capital available to recommend to new schemes (if they can be started in 2013-14, e.g. casualty reduction investigations).

The Panel can provisionally recommend schemes for the 2014-15 budget. When this budget is confirmed and available these schemes can be sent for Cabinet Member approval without further referral to the LHP.

There is no remaining budget from 2012-13. However, there is small contingency pot for 2012-13 schemes (£351k) should they require top-ups. For Brentwood that figure is $\text{£ } (449,876 / 8,000,000) \times 351,000 = \text{£ } 19,738$. Currently, no 2012-13 schemes require a top up.

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

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

CASUALTY REDUCTION SCHEMES					
LOCATION	SCHEME	ISSUE	COST	RAG	NOTES/ COMMENTS
1 B186 Warley Road J/w Great Ropers Lane	Improved signage warning of bend with junction	Casualty reduction site	£3,000	Green	£3k preliminary design and investigation £10k estimate for detailed design and build See separate report for details
2 Coxtie Green Road J/w Wheelers Lane	Improvements to junction layout	Casualty reduction site	£3,000	Green	£3k preliminary design and investigation £15k estimate for detailed design and build See separate report for details

MINOR SCHEMES						
	LOCATION	SCHEME	ISSUE	COST	RAG	NOTES/ COMMENTS
1	A128 Tilbury Rd, West Horndon (just north of Dunton Hill Cottages	Centre refuge, footway and dropped kerbs	Children disembarking their school bus and having to cross the A128	£1,500	Green	<p>The speed of the road (50) and the volume of pedestrians crossing at this point during a twelve hour period means that it is not a viable site for a zebra crossing.</p> <p>Improvement measures, subject to adequate width & Safety Audit</p> <p>a) Construct new centre refuge with lit signage b) Construct 5.0m long x 1.2m wide footway (to connect to existing footway) c) Construct 2 crossing points with tactile paving.</p> <p>Estimated Cost £5,000 Design/supervision and safety audit £1,500</p>

PASSENGER TRANSPORT						
LOCATION	SCHEME	ISSUE	COST	RAG	NOTES/ COMMENTS	
Bus stops						
1	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 from hospital. (NB: There are issues with ECC accepting contributions outside S106 agreements.) LHP deferred any decision at the 22.10.13 meet.
Rail						
2	Shenfield Station	2 solar powered spot lights for cycle racks	Cyclist experiencing difficulties unlocking bikes in the dark	£360	Green	Requested by Rail Manager. Supported by Cllr. Cohen

Surveys - revenue						
	LOCATION	SCHEME	ISSUE	COST	RAG	NOTES/ COMMENTS
1	Canterbury Tye, Pilgrims Hatch	TBC	Speeding concerns	£210	Green	Exact location to be confirmed with Cllr. Aspinell
2	Woodman Way	To inform scheme request for measures to reduce speed, e.g. increase height of humps, VAS, chicane	Speeding concerns	£210	Green	Exact location to be confirmed with Cllr. Kendall
3	Sandpit Lane nr. South Weald cricket club	TBC	Assess traffic volumes owing to poor state of road	£210	Green	Cllr Kendall request



ESSEX COUNTY COUNCIL AND BOROUGH OF BRENTWOOD LOCAL HIGHWAY PANEL – 20th January 2014

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:

Pilgrims Hatch to re-instated the footpath by an additional 12" on the Ongar Rd between Coxtie Green Rd and to opposite the cemetery. (Members request)

Cleaned various road signs in the ward including the no entry signs Ongar Rd j/w Hulletts Lane (need replacing as faded).

Cut back vegetation on various parts of Ongar Rd including sections by Larkins playing fields, Larchwood Gardens and Danbury Close.

Removed fly tip in Larchwood Gdns (highway land)

Cleared culverts in Doddinghurst Rd and Ongar Rd (weekly, dependant on weather).

Replaced globes on pedestrian crossing on Ongar Rd (sun bleached).

Cleared fallen tree in Kimpton Ave and also on Ongar Rd.

Doddinghurst to re-instate 30mph and National speed limit signs that were damaged on Doddinghurst Rd j/w Days Lane.

Brook Lane culvert has been cleared on 3 occasions on past two months.

Blackmore cut back private overhanging hedge (covered entire footpath) in Meadowrise (two days)

Ingatestone collected from site finger post and repaired off site and re-instated (Buttsbury wash) (3days work)

Cleaned road signs in **Mountnessing** for example Roman Rd leading to A12.

Cleared the culvert (large job) in St Annes Rd.

Warley cleaned traffic island bollards and road signs in Eagle Way and also on the Essex Way estate. Cut back hedge on Essex Way encroaching onto footpath (almost 4 feet).

Cutback and cleared overhanging vegetation at "Devils Head" crossroads.

Hartswood Rd with a mini digger clearing the culvert and re-instated ditch.

Queens Rd repaired road signs and cleaned signs in the area.

Painted two metal bollards (canons) on Warley Hill near the station.

South Weald cleaned the road signs and overhanging vegetation in the area such as Brook St, London Rd, Weald Rd etc.

Photos are available.



**BOROUGH OF BRENTWOOD
LOCAL HIGHWAY PANEL
20th January 2014
REPORT 6: CAPITAL MAINTENANCE 2013/14**

Road Name	Duration	Start	Finish	Parish	Traffic Management	Shift
CAPITAL RESURFACING PROGRAMME 2013-2014						
Fairview Avenue	2 days	Wed 17/07/13	Thu 18/07/13	Brentwood	Road Closure	Day
Shenfield Road	2 days	Mon 15/07/13	Tue 16/07/13	Brentwood		Day
A129 Rayleigh Road	4 days	Thu 26/09/13	Tue 01/10/13	Brentwood	Road Closure	Night
Blackmore Lane	4 days	Wed 02/10/13	Mon 07/10/13	Brentwood	Road Closure	Night
Wilmot Green	4 days	Tue 16/07/13	Fri 19/07/13	Brentwood	Road Closure	Day
Hutton Drive	3 days	Thu 15/08/13	Mon 19/08/13	Brentwood	Road Closure	Day
Shonks Mill road	1 day	Fri 20/09/13	Fri 20/09/13	Brentwood	Road Closure	Day
Capital Footway Program						
Road Name	Works Location	Start	Finish	Parish		
Wharf Road	North Side		Mon 31/03/14	Brentwood		
Park Drive	Whole Length	Dec-13	Mon 31/03/14	Ingatstone And Fryerning		
Hutton Road	From Junc with Wainwright Ave. to Brookfield Close	Thu 06/06/13	Thu 06/06/13	Brentwood		

ECC-BBC LHP - Report 7

Section 106 Schemes in Brentwood Borough

A report for the Brentwood Local Highways Panel

This report addresses some of the questions the Panel may have on S106. The attached spreadsheet (p3) gives details on the Section 106 agreements for highways currently in force in Brentwood Borough.

The first and second columns are the planning reference and the site from which the S106 contribution came.

The third column of the spreadsheet gives a summary of the uses to which the funding received from the developer must be put according to the agreement and this shows that S106 is not a source of money for anything an Authority (ECC in this case) chooses.

The following columns show how much was received, how much has been spent or put into ECC's Capital Programme and the balance.

Are substantial amounts being returned as a result of time expiry?

The short answer is no. Expiry dates for the contributions are given in the right hand column. The panel will notice that in four cases the contributions are at or beyond their expiry dates. Provided orders for work have been placed ECC is able to continue with their use which is the case in three of these schemes. In the fourth, the largest, we are discussing a Deed of Variation with the developer which allows us to change the work we, the developer and local residents wish to carry out. There are legal costs involved in Deeds of Variation and the possibility that the developer will reject a variation and demand their money back.

How are S106 contributions determined in the first instance?

When a planning application is received in the District as the Local Planning Authority, this is forwarded to ECC for comment. If a Highway engineer considers the effect of the proposed development is significant and will tell the District if ECC thinks some highway measures need to be put in place to mitigate the impact of the development.

This process is limited by legislation to 21 days which makes it difficult/impossible to consult widely on the measures required and there is limited/no time to carry out thorough feasibility or costing, which can lead to the contributions obtained being

too small and/or the scheme not being technically possible which are other reasons why contributions are returned.

The District then decides if it wishes to ask for the measures that ECC has asked for to be put into a S106 agreement and has to make a judgment on the balance between S106 for Highways and/or Education as ECC services and S106 for District responsibilities, eg Affordable Housing, Public Open Space. All the while the developer is trying to push the cost of all S106 obligations to the lowest level possible.

What happens once the contribution has been received?

We look at whether the works are technically feasible within the cost constraint of the contribution(s). Then the scheme has to be put into the authority's Capital Programme (this happens once or twice a year. From there it is passed to our contractors along with a long list of schemes who design and then put the scheme on the ground.

What if there are some S106 funds left over?

In the past ECC had staff with responsibility for highways matters in a given District and they would usually have had a list of schemes that they considered required, if finance was forthcoming. Also in those days ECC had other budgets which could top up a S106 contribution if needed. Those budgets have been transferred to the Local Highway Panels. Any extra schemes would still have to comply with the terms of the agreement.

The LHP and S106

1. A scheme required by the S106 agreement may need a top up either because the developer managed to negotiate the contribution down, full costs were unknown at the time of the agreement and inflation. New delivery and commissioning arrangements which mean less is done in-house. In this case the LHP may be asked to top up.
2. Residual funds after schemes under the agreement have been delivered. The LHP could make suggestions for additional schemes. These schemes would have to comply with the terms of the agreement and may need a top up. Otherwise, residuals are returned to the developer, as is normal practice when the terms of the agreement have been fulfilled.

BSU	Development Name	Contribution Description Info	Original Value	Received Date	Spent/ Released	Current Balance	Deadline Condition	Deadline Date	Comments
764	Former NV Tools Site, St James Rd	PT Infrastructure and/or Services (VoS) working with Quality Bus Partnership (BRW)	60,000	14/05/08	28,005	40,232	10 yr receipt	14/05/2018	Remaining funds to be used for RTPi (real time passenger information) on various High St stops
764	Former NV Tools Site, St James Rd	Inst. CCTV at Junction of St James Road/Kings Road	20,000	14/05/08	-	22,859	10 yr receipt	14/05/2018	TBC
923	William Hunter Way, Brentwood	Public Transport Facilities & Services (VoS)	115,000	05/11/07	109,046	13,740	10 yr receipt	05/11/2017	TBC
1054	Brentwood House, Kings Road,	TRO: allow proposed loading bay (St James Road) - (VoS)	2,000	04/05/10	-	2,023	10 yr receipt	04/05/2020	TBC
1218	Former Sam's Nightclub, 47A Ongar Road, Brentwood	Contribution towards Zebra Crossing or other Pedestrian facilities in Ongar Road	25,000	11/10/10	2,293	25,145	5 yr receipt	11/10/2015	TBC
1296	Highwood Hospital, Ongar Road, Brentwood	Payment towards Enhanced Bus Service	85,564	14/11/12	-	85,777	5years	from 3rd Instalment	TBC