

Essex County Council



**Epping Forest  
District Council**

***ECC/EFDC LOCAL HIGHWAYS PANEL  
Thursday, 29th January, 2015***

You are invited to attend the next meeting of the **Local Highways Panel**, which will be held at:

**Committee Room 2, Civic Offices, High Street, Epping  
on Thursday, 29th January, 2015  
at 6.00 pm .**

**Glen Chipp  
Chief Executive  
Epping Forest District Council**

**Democratic Services  
Officer:**

Jackie Leither, Democratic Services. Tel: 01992 56 4756  
Email: [democraticservices@eppingforestdc.gov.uk](mailto:democraticservices@eppingforestdc.gov.uk)

**Members:**

**County Councillors:**

J Knapman, Mrs R Gadsby, A Jackson, Mrs V Metcalfe, Mrs M McEwen, C Pond and  
J M Whitehouse

**District Councillors:**

R Bassett, G Chambers, K Chana, T Church, P Keska, Mrs J Lea and L Mead

In attendance by invitation: District Councillor G Waller, County Councillor E Johnson

**PLEASE NOTE THAT THIS MEETING IS ONLY OPEN TO MEMBERS OF THE PANEL**

**1. APOLOGIES FOR ABSENCE**

**2. MINUTES (Pages 3 - 6)**

To confirm the minutes of the last meeting of the Local Highways Panel held on 28 August 2014.

**3. SCHEME RECOMMENDATIONS 2012/13 (Pages 7 - 12)**

Progress schedule attached.

**4. SCHEME RECOMMENDATIONS 2013/14 (Pages 13 - 20)**

Scheme list updated by division for consideration.

**5. SCHEME RECOMMENDATIONS 2014/15 (Pages 21 - 46)**

Schedule attached for consideration.

**6. SCHEME RECOMMENDATIONS REVENUE 2014/15 (Pages 47 - 54)**

Schedule attached for consideration.

**7. POTENTIAL SCHEMES 2014/15 (Pages 55 - 64)**

Potential schemes list for consideration.

**8. ANY OTHER BUSINESS**

**9. FUTURE MEETING ARRANGEMENTS**

D Sprunt, Transportation Strategy & Engagement Officer from Essex County Council to report.

## ECC/EFDC LOCAL HIGHWAY PANEL MINUTES

**Committee:** ECC/EFDC Local Highways Panel      **Date:** Thursday, 28 August 2014

**Place:** Committee Room 2, Civic Offices, High Street, Epping      **Time:** 6.00 - 6.37 pm

**Members Present:**      **County Councillors:**

J Knapman (Chairman), Mrs R Gadsby, A Jackson, Mrs M McEwen, C Pond and J M Whitehouse

**District Councillors:**

R Bassett, G Chambers, T Church, P Keska, Mrs J Lea and L Mead

**Other Councillors:** G Waller

**Apologies:** County Councillor Mrs V Metcalfe (Vice-Chairman) and District Councillor K Chana

**Officers Present:** S G Hill (Assistant Director (Governance & Performance Management)), J Leither (Democratic Services Assistant), K Durrani (Assistant Director (Technical Services)), K Shenton (Highways Liaison Officer), J Simmons (Highways Liaison Officer, ECC), D Sprunt (Principal Transportation Co-Ordinator - ECC) and M Row (ECC)

---

### 7. MINUTES

#### RESOLVED:

That the minutes of the meeting held on 26 June 2014 be taken as read and signed by the Chairman as a correct record.

### 8. SCHEME RECOMMENDATIONS 2012/13

The Chairman asked the Panel if there were any problems with the Scheme Recommendations for 2012/13.

#### (1) Item 19 – LEPP001014 – Epping & Theydon Bois

Councillor Church asked who was funding the signs and maintenance.

The Highway Liaison Officer (HLO) advised that she would find out the information and report back to the next meeting.

#### (2) Item 31 – LEPP002005 – North Weald & Nazeing

Councillor Bassett reported that this scheme was recorded on the Scheme List as being completed, he advised County Officers that this scheme was not completed and asked if could they find out why and when would it be completed.

The HLO advised that she would check why this scheme had not been completed and would report back to the next meeting.

**RESOLVED:**

That the HLO would report back to the next meeting with information regarding the above schemes.

**9. SCHEME RECOMMENDATIONS 2013/14**

Members noted the Scheme Recommendations Schedule for 2013/14. The Chairman advised that meetings had taken place with the Divisional Members and County Officers in the weeks preceding the Panel meeting where the progression of the schemes had been discussed.

**10. CAPITAL RECOMMENDATIONS 2014/15**

(1) The HLO tabled an updated Proposed Scheme List 2014/15, this had been emailed to Members a few days before the meeting. She advised members that all of the 2014/15 Capital budget had now been allocated and that she would update the list as and when schemes progressed.

**(2) Item 22 – LEPP142012 – A121 Church Hill j/w Kings Green, York Hill and Pump Lane.**

Councillor Pond raised the issue of the weight limit to be imposed in three locations and stressed that this was an important issue and would like this scheme to be completed before the expected completion date of 1 February 2015.

County Officers advised that this had been noted and informed the Panel that Councillor Bass was aware of this scheme and was taking an interest.

**(3) Item 29 – LEPP148005 – Footpath from Borders Lane to the old course of Rectory Lane, Loughton.**

Councillor Pond stated that discussions had taken place with Loughton Town Council (LTC) and they had advised him that they were willing to do the works for this scheme. He stated that he was hopeful this could progress quickly with LTC.

(4) The Chairman advised that there had been requests for additional works, these were Revenue items and would come from the Revenue budget which was separate to the Capital budget.

**11. REVENUE RECOMMENDATIONS 2014/15**

The Chairman advised the Panel that requests for works had been made from the Revenue budget as follows:

(1) Palmerston Road, Buckhurst Hill – two speed surveys at a cost of £210 each. The result to be achieved would be the installation of a VAS.

(2) Westall Road junction with Colebrook Lane, Loughton – a speed survey at a cost of £210. The outcome wanted would be traffic calming.

(3) Chester Road, Loughton – a speed survey at a cost of £210. The outcome wanted would be traffic calming.

(4) A121 Church Hill and A1168 Rectory Lane – two pedestrian crossings need road safety audits at a total of £500 for both as they were in close proximity to each other.

(5) The Street, Sheering – two speed surveys at a cost of £210 each. The outcome wanted would be traffic calming.

(6) Parklands, Waltham Abbey – a speed survey at a cost of £210. The result to be achieved would be the installation of a VAS sign.

The HLO informed the Panel that the survey results would lead to another cost in implementing the studies.

**AGREED:**

That a total of £1,970 be spent from the Revenue budget on seven speed surveys and one road safety audit.

**12. ANY OTHER BUSINESS**

(1) Councillor McEwen stated that she had three schools in her district who had asked for 20 mph speed limits to be implemented outside each of the schools.

The HLO advised that she would contact the schools and the Parish Council to share the feasibility studies with them and would report back to the next meeting.

(2) The Chairman advised that he would like a review of the streets around the Tomswood Road area in Chigwell. The streets were being used as a short cut to bypass the traffic and he asked County Officers about the possibility of installing restricted/no entry signs for certain times of the day.

The HLO advised that it was not Essex County Councils policy to erect no entry and restricted time signs but she would look into this and report back at the next meeting.

**RESOLVED:**

That the HLO would report back at the next meeting.

(3) K Durrani (Assistant Director (Technical) Neighbourhoods Directorate) asked County Officers for more information regarding match funding. He explained that Essex County Council had offered to match fund up to £50,000 of any money that Epping Forest District Council made available. This money was to be provided to the LHP to carry out schemes as they prioritised. What was not clear was whether the money ECC was putting up was new money or a reallocation from within the existing LHP budget.

The HLO advised she would find out more information and liaise direct with the Assistant Director.

**RESOLVED:**

That the HLO would liaise directly with the Assistant Director with information regarding match funding.

(4) The Chairman advised the Panel of a new proposal regarding Controlled Parking Zones (CPZ). He advised that this would come into the remit of the Local Highways Panel but he would need to see what the proposed details were and if the costs would come from the LHP Budget or a separate budget.

The Chairman hoped he would have more information regarding CPZs for the Panel at the next meeting.

**RESOLVED:**

That the Chairman would report back at the next meeting regarding Controlled Parking Zones.

**13. DATE OF NEXT MEETING**

It was agreed that the next meeting would be held on Thursday 4 December 2014 at 6.00pm in Committee Room 2 at the Civic Offices, Epping Forest District Council.

**CHAIRMAN**

**Report 1 ECC/Epping Forest District LHP - Scheme Recommendations 2012/13**

Ref.	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	Expected complete	Status
<b>BUCKHURST HILL &amp; LOUGHTON SOUTH DIVISION</b>									
<b>BH&amp;LS - Minor Schemes</b>									
1	LEPP002001	ITS (formerly DC1429)	Buckhurst Hill	Roding Lane, Palmerston Rd/ Loughton Lane, Albert Rd	Pedestrian facilities at signal junction - Feasibility Study	£5,000	18.9.12	29/04/14	Currently indications are that this would be a viable scheme to introduce pedestrian phases on all four arms. Awaits finalised topographical report to present firmed up figures to the panel.
2	LEPP002001	DC1641	Buckhurst Hill	Westbury Road/ Palmerston Road	Review of all traffic measures put in place at mini roundabout - feasibility study	£12,000	18.9.12 (£5k) & 21.11.13 (£7k)	31.10.14	Study back and decision made not to proceed as there would not be any advantage to changes.
3	LEPP002007	DC1644	Buckhurst Hill	Farm Way/Forest Edge/Station Way	Raised table at junction following feasibility study	£62,300	28.1.13	01.09.14	Scheme now complete.
Page 7	LEPP003008	DC1928 (formerly ITS)	Loughton	A121 High Rd nr Spring Grove	Feasibility study into pedestrian refuge(s) or zebra crossing	£10,000	6.9.12	31/03/14	Alternative location for speed survey shows not suitable for VAS.

**Report 1 ECC/Epping Forest District LHP - Scheme Recommendations 2012/13**

Ref.	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	Expected complete	Status
<b>CHIGWELL &amp; LOUGHTON BROADWAY DIVISION</b>									



**Report 1 ECC/Epping Forest District LHP - Scheme Recommendations 2012/13**

Ref.	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	Expected complete	Status
<b>EPPING &amp; THEYDON BOIS DIVISION</b>									
<b>E&amp;TB - School Crossing Patrol Sites</b>									
5	LEPP006002	DC1519	Epping	Epping Primary School, Coronation Hill	Signs and lines changes to prevent parking outside school including works.	£4,250	2.10.12	02.06.15	See new anticipated completion date. Objection received and change of scope.
6	LEPP006003	DC1520	Epping	Ivy Chimneys Primary School, Centre Drive	Parking restrictions around corner from school to prevent parking on patrol site	£1,770	20.12.12	09.06.15	Design complete and agreed with Cllr. Resident consultation Nov 2013. TRO may need top up and lengthen process. Linked to DC1694. Resident has objected. <b>NEW</b> ; see new anticipated completion date. Designer has been liaising with NEPP re nearby restrictions. School has been updated.

**Report 1 ECC/Epping Forest District LHP - Scheme Recommendations 2012/13**

Ref.	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	Expected complete	Status
<b>LOUGHTON CENTRAL DIVISION</b>									
LC - Minor Schemes									
<b>NORTH WEALD &amp; NAZEING DIVISION</b>									
NW&N - Minor Schemes									
7	LEPP002017	ITS	Nazeing	B194 Nazeing new Road/North Street/Middle Street	Junction improvement/road markings/signal timings - north/south traffic turning right across each leads to confusion	£5,000	2.10.12	3.06.14	Engineer tried to optimise timings with existing equipment, but reinstated original timings after residents' complaints. Too much traffic for junction. Investigation for solution continuing. Nov 2013 - Cllrs confirmed solution should include new markings for north/south traffic turning right across each (flow arrows on surface of offset junction). HLO had advised ITS 31.7.13. Linked to DC1807 (2013/14). <b>Study completed - to be discussed with Cllrs</b>
10	LEPP002012	DC1648	North Weald Bassett	Wellington Road/Hampden Close	Traffic Calming Options - Feasibility Study	£1,000	27.2.13	23.07.14	Design complete to be discussed with Cllrs
9	LEPP001015	DC1640	Nazeing	Threeways junction & B181 Epping Rd & Water Lane	Existing Weight limit improvements - Feasibility Study	£4,800	27.3.13 (£1k) 21.11.13 (3.8k)	24/09/13	Study/designs complete (Oct 2013) - study recommended works - est. £3.8k Report sent to Cllrs 26.9.13. Nov 2013 - Cllrs advised location description was incorrect and requested amendments to design - £3.8k funds for works rec. to avoid further delays. CM approved 3.12.13. HLO has advised D&C re amendments and costs 19.12.13 <b>NEW:</b> Cllrs decided not to proceed.

**Report 1 ECC/Epping Forest District LHP - Scheme Recommendations 2012/13**

Ref.	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	Expected complete	Status
<b>ONGAR &amp; RURAL DIVISION</b>									
<b>O&amp;R - Minor Schemes</b>									
10	LEPP002009	DC1646	Moreton	o/s School, Church Road	Vehicle Activated Sign	£7,000	28.1.13	Awaits instruction	£3.5k Budget insufficient, top up £3.5k rec. 5.9.13, approved 12.9.13. Parish confirmed location. Speed survey not done originally. <b>New</b> ; survey failed eligibility, therefore against policy. Scheme to be cancelled or case made for Cabinet Member Action. Instruction required from Div. LHP Member
<b>O&amp;R - Casualty Reduction Schemes</b>									
Page 11	LEPP001001	DC1422	Theydon Garnon	Mount Road/Banks Lane	Junction re-alignment, signs/lines	£30,000	18.9.12	7.08.15	Land acquisition is required as it is common land and this will prevent the scheme being delivered this financial year. <b>NEW</b> ; see new anticipated completion date.

## Report 1 ECC/Epping Forest District LHP - Scheme Recommendations 2012/13

Ref.	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	Expected complete	Status
<b>WALTHAM ABBEY DIVISION</b>									
<b>WA - Minor Schemes</b>									
12	LEPP002013	ITS (DC1518)	Waltham Abbey	Crooked Mile, near Saxon Way	Financing towards implementation of signal controlled crossing design and works. Provisional estimate for whole scheme £177k	£51,620	27.2.13	TBC	<b>NEW</b> ; location is under question due to extensive statutory undertaker apparatus present. Further site visit by Engineer has moved site slightly but requires trial holes to confirm crossing can still go in. Ongoing.

	new info
	complete
	action
	cancelled
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
EH	Essex Highways
ITS	Integrated Traffic Systems & Congestion Team
PT	Passenger Transport

**Report 2 ECC/Epping Forest District LHP - Scheme Recommendations 2013-14**

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
<b>BUCKHURST HILL &amp; LOUGHTON SOUTH DIVISION</b>										
<b>Minor Schemes</b>										
1	LEPP132026	DC1788	Buckhurst Hill	Church Rd, Beech lane, Stag Ln, A121 High Road	Feasibility study, surveys, prelim. designs & costings re problems congestion, parking, speeding in adjacent streets	£3,000	6.6.13	25.6.13	01/08/14	Study complete. For consideration.
2	LEPP132047	TBC	Loughton	Oakwood Hill, Loughton, IG10. Between River Way and L. Alderton Hall Ln	FEASIBILITY STUDY / DESIGN - Investigate improvements to refuge to give protection for the school crossing patrol & VAS signs both approaches. Any other options engineer deems appropriate. E.g. additional lining, signing, rumble strips.	£2,500	21.11.13	3.12.13	10.07.14	Shared LC. Fatal accident 10.10.13 pedestrian . Concerns over speeding and standard of existing pedestrian refuge. Speed survey results not eligible for speed limit VAS. <b>Complete.</b> For consideration.
3	LEPP132046	DC1966	Buckhurst Hill	Albert Road nr j/w Lower Queen's Road	DESIGN - Pre-School at St Stephens Church on Lower queens Road. Concerns about pedestrian safety on the footway. Estimated Cost £2,500 Des/Sup £500.	£500	21.11.13	3.12.13	15.08.14	£2,000 allocated 26.06.14 to install bollards. Date to be obtained for implementation. <b>NEW; Complete</b>
<b>School Crossing Patrol Sites</b>										

**Report 2 ECC/Epping Forest District LHP - Scheme Recommendations 2013-14**

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
<b>CHIGWELL &amp; LOUGHTON BROADWAY DIVISION</b>										
<b>Minor Schemes</b>										
4	LEPP133014	DC1962	Loughton	Chigwell Primary School, 50 High Rd, IG7 6DW	DESIGN & TRO -To provide access from disabled bay to path. Relocate disabled bay and install dropped kerb and connecting path.	£1,000	5.9.13	12.9.13	30/09/14	<b>NEW:</b> Technical note complete - alternatives are being considered.
5	LEPP132051	DC1967	Chigwell Row	nr Chigwell Row Primary School, Lambourne road	DESIGN - Speeding concerns Validation recommendation - flashing lights sign to diagram 545 and sub plate with new combination sign 545 plus 'School 20 when lights show' plate part time advisory 20mph limit. Est. £3,700 total	£1,000	21.11.13	3.12.13	15.08.14	Feasibility complete
<b>Bus Stop Improvements</b>										
	LEPP136014	TBC	Chigwell	Brook Parade, High Road, Chigwell	WORKS - Provide seating to half of the shelter	£1,500	21.11.13	3.12.13	30.09.14	Complete.

**Report 2 ECC/Epping Forest District LHP - Scheme Recommendations 2013-14**

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
<b>EPHING &amp; THEYDON BOIS DIVISION</b>										
<b>Minor Schemes</b>										
7	LEPP132020	DC1811	Epping	Bower Hill at bridge	Feasibility study, prelim. designs & costings - safety measures for pedestrians - raised kerb & lining	£1,000	6.6.13	25.6.13	27.03.15	see new anticipated completion date.
8	LEPP132021	DC1787	Theydon Bois	B172 Abridge Rd	Feasibility study, prelim. designs & costings to assess speed reduction options	£2,000	6.6.13	25.6.13	11/04/14	In design. NEW:£5,000 was allocated towards implementation 26.06.14 panel towards pending the outcome of the feasibility study.
9	LEPP132022	DC1782	Fiddlers Hamlet	Mount Rd junction Coopersale St	Detailed design & costings - road markings and ghost island to define junction	£2,000	6.6.13	25.6.13	31.08.14	Design complete.
<b>Casualty Reduction Schemes</b>										
10	LEPP131019	DC1806	Epping	B1393 High St - Palmers Hill j/w Stonnards Hill	Changes to lamp columns and signing improvements	£12,000	6.6.13	25.6.13	08/05/15	Linked to DC1810. See new anticipated completion date.
	LEPP131022	TBC	Epping/ Epping Upland	B181 Lindsey St - Epping Rd j/w B182 Bury Lane	Traffic assessment, DESIGN to redesign junction to mitigate collisions (est. £36k incl. works) Design = £3.5k split ETB & NWN	£1,750	5.9.13	12.9.13	30/04/14	2 x £16.25k est. for works (5.9.13). Decision deferred till design complete. <b>NEW: option discussed and agreed with Cllr.</b>
<b>PRoW</b>										
12	LEPP138001	PRoW	Epping/ Coopersale	PRoW 18 Between Vicarage Road, Coopersale and Stonnards Hill Recreation Ground	WORKS - Resurface with planings. Well-used Footpath 18 in my division.	£20,000	5.9.13	12.9.13	TBC	Cllr to approach landowners – Epping Town Council and Epping Forest conservators to seek their approval and co-operation - feed back required. <b>UPDATE</b> ; awaiting costs from supply chain partners.
<b>Bus Stop Improvements</b>										

**Report 2 ECC/Epping Forest District LHP - Scheme Recommendations 2013-14**

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
<b>LOUGHTON CENTRAL DIVISION</b>										
<b>Minor Schemes</b>										
13	LEPP132028	DC1790	Loughton	Alderton Hall Ln, south of The Lindens	Feasibility study, prelim. designs & costings - "Jockey Rail" protect verge from parking	£1,500	6.6.13	25.6.13	01/08/14	Complete
14	LEPP132029	DC1789	Loughton	Deben Ln (Ripley View to Ripley Green)	Feasibility Study, prelim. designs & costings - 20 mph limit	£2,000	6.6.13	25.6.13	01/08/14	Complete
15	LEPP133013	DC1959	Loughton	Cleland Path & England's Lane junction	DESIGN - dropped kerbs and tactile paving for disabled access	£1,000	5.9.13	12.9.13	30.08.14	£5k est. for works (rec. 5.9.13) CM approval deferred to 2014-15 budget.
16	LEPP132038	TBC	Loughton	Former Epping College entrance off Newmans Lane, Loughton	FEASIBILITY STUDY & prelim. DESIGN - for potential S106 funded scheme (S106 cannot be used for study) gate solution to detachable bollards that keep getting knocked down	£2,000	5.9.13	12.9.13	01.09.14	Complete
Page 16	LEPP132047	DC2019	Loughton	Oakwood Hill, Loughton, IG10. Between River Way and L. Alderton Hall Ln	FEASIBILITY STUDY / DESIGN - Investigate improvements to refuge to give protection for the school crossing patrol & VAS signs both approaches.	£2,500	21.11.13	3.12.13	10.07.14	Shared LC. Fatal accident 10.10.13 pedestrian . Concerns over speeding and standard of existing pedestrian refuge. Speed survey results not eligible for speed limit VAS. <b>Study complete.</b>
<b>Bus Stop Improvements</b>										
<b>Funds for NEPP</b>										



**Report 2 ECC/Epping Forest District LHP - Scheme Recommendations 2013-14**

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
<b>NORTH WEALD &amp; NAZEING DIVISION</b>										
<b>Minor Schemes</b>										
18	LEPP132016	DC1785	Epping Upland	B181 junction with Upland Rd to Chequers	Feasibility study, prelim. designs & costings - survey utilities, options for calming traffic, changing priorities and reducing speeds at accident spot	£2,000	6.6.13	25.6.13	20.09.14	In design. Nov 2013 - Cllrs report that lorries are mounting kerb and new 40 mph signs appear to have gone in despite request to reduce to 30. New; complete
19	LEPP132034	TBC	Epping Upland	Cobbins Bridge, B181	FEASIBILITY STUDY / DESIGN - Priority working over bridge. Bridge too narrow for cars to pass. Parapet gets damaged	£3,500	21.11.13	3.12.13	29.08.14	Compete. To be discussed.
<b>Casualty Reduction Schemes</b>										
20	LEPP131020	DC1807	Nazeing	B194 Marsh Hill - Waltham Rd j/w St Leonards Rd	Changes to lamp columns and signing and marking improvements	£10,000	6.6.13	25.6.13	22.05.15	In design. Linked to LEPP002017 . New; see new anticipated completion date.
21	LEPP131022	DC1941	Epping/ Epping Upland	B181 Lindsey St - Epping Rd j/w B182 Bury Lane	Traffic assessment, DESIGN to redesign junction to mitigate collisions (est. £36k incl. works) Design = £3.5k split ETB & NWN	£1,750	5.9.13	12.9.13	30.04.14	2 x £16.25k est. for works (5.9.13). . <b>NEW:</b> Option from designer will be presented by Feb 2015.
<b>Bus Stop Improvements</b>										

**Report 2 ECC/Epping Forest District LHP - Scheme Recommendations 2013-14**

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
<b>ONGAR &amp; RURAL DIVISION</b>										
<b>Minor Schemes</b>										
22	LEPP132023	DC1783	High Ongar	The Street j/w Mill Lane	Surveys prelim. designs, costings and works - flashing 20 signs near school	£3,700	6.6.13	25.6.13	30.07.14	Feasibility complete. - sent to PC and school. No comments.
23	LEPP132024	DC1784	Chipping Ongar	Milton Cr, Shelly Primary School	Surveys, design & works - flashing 20 signs near school	£3,700	6.6.13	25.6.13	30.07.14	Feasibility complete. Added to potential scheme list.
24	LEPP132025	DC1804	Stanford Rivers	A113 London Rd	VAS and slow down sub plate	£8,500	6.6.13	25.6.13	15.08.14	Complete.
25	LEPP133012	DC1814	Chipping Ongar	The Borough	Feasibility study, prelim. designs & costings- new footway on school route, check boundaries, statutory undertakers' apparatus and verges	£5,000	6.6.13	25.6.13	20.05.14	Complete. To be discussed with Cllr
Page 18	LEPP132042	DC2013	Abbees Beauchamp/ Berners Roding	B184 Dunmow Rd	WORKS - 1 solar powered VAS to reduce speeders.	£7,000	5.9.13	12.9.13	01.10.14	Cancelled
27	LEPP132043	DC1961	Chipping Ongar	Primary Sch. Greensted Rd	Survey, DESIGN and WORKS - validated scheme - flashing lights sign to diagram 545 and sub plate with new combination sign 545 plus "School 20 when lights show" plate. Part time advisory 20 mph limit. Solar if possible. (2 similar schemes approved 25.6.13)	£3,700	5.9.13	12.9.13	17.07.14	Feasibility complete. - sent to PC and school. No comments.
28	LEPP132039	DC1943	Stanford Rivers	A113 Romford Rd, Bridge Farm, Stanford Rivers	FEASIBILITY STUDY - to a drainage scheme re flooding at bridge	£2,000	5.9.13	12.9.13	19.09.14	
29	LEPP132040	DC1958	Bovinger	Bobbingworth Mill, Bovinger	FEASIBILITY STUDY - for village gateways/speed signage for village	£2,000	5.9.13	12.9.13	31.12.14	Technical note is being prepared.
30	LEPP132041	TBC	Abridge	B172 Abridge Rd, bridge over Roding	FEASIBILITY STUDY - to investigate priority working/ road markings. Congestion at peaks.	£2,000	5.9.13	12.9.13	14.04.14	Study complete. To be discussed with Cllr
<b>Bus Stop Improvements</b>										

**Report 2 ECC/Epping Forest District LHP - Scheme Recommendations 2013-14**

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
<b>WALTHAM ABBEY DIVISION</b>										
<b>Bus Stop Improvements</b>										
31	LEPP136012	TBC	Waltham Abbey	Saxon Way stop, Crooked Mile	DESIGN & WORKS - 2 bus cages to prevent parked cars blocking access to stops.	£2,000	5.9.13	12.9.13	Cancelled	<b>NEW:</b> this scheme has been cancelled pending crossing results. This is an historic scheme and would need a new commission to re instigate.

	new info
	complete
	action
	works pending CM approval
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
EH	Essex Highways
ITS	Integrated Traffic Systems & Congestion Team
PT	Passenger Transport

This page is intentionally left blank

**Report 3 ECC/Epping Forest District LHP - Scheme Recommendations 2014-15**

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
<b>BUCKHURST HILL &amp; LOUGHTON SOUTH DIVISION</b>										
<b>Minor Schemes</b>										
1	LEPP003003		Buckhurst Hill	Station Way near LUL Station	Detailed design of pedestrian crossing facility following feasibility study	£4,000	28.05.14	14.5.14	01.10.14	Meeting proposed.
2	LEPP142048		Buckhurst Hill	Albert Road nr j/w Lower Queens Road	Installation of bollards nr to St Stephens pre school	£2,000	26.06.14	09.07.14	TBC	Complete.
3	LEPP002020		Buckhurst Hill	Farm Way/Forest Edge/Station Way	Panel recommended £62,300 originally. Top up now required of £12,700. Phasing of works required which has added cost to traffic management.	£12,700	26.06.14	09.07.14	01.09.14	Complete.
<b>Bus Stop Improvements</b>										
Page 21	LEPP145002		Loughton	Oakwood Hill adjacent to j/w South View, Loughton	Install new metal shelter at stop 150042016011	£5,500	28.05.14	14.5.14	23.09.14	Complete.
<b>Casualty Reduction Schemes</b>										
5	LEPP141006		Buckhurst Hill	A104 Epping New Road j/w A1069 Rangers Road	Preliminary design and investigation into junction improvements to include installation of vehicle activated junction warning signs.	£8,000	26.06.14	09.07.14	30.03.15	5 sites identified (see appendix 1). Panel previously recommended a total of £21,000 for CR sites, of which this scheme is one such identified.
<b>Total recommendations for BH &amp; L Division</b>						<b>£32,200</b>				
<b>CHIGWELL &amp; LOUGHTON BROADWAY DIVISION</b>										
<b>Minor Schemes</b>										
6	LEPP142002		Chigwell	Vicarage Lane j/w Manor Road	Junction improvements from previous Feasibility Study (LEPP002015)	£118,000 £22,000	26.06.14 11.12.14	09.07.14 11.12.14	21.09.15	£22,000 top up approved 11.12.14 to cover utility works. Further £45,000 to be requested from 2015/16 budget allocation to cover civil works.
<b>Casualty Reduction Schemes</b>										

**Report 3 ECC/Epping Forest District LHP - Scheme Recommendations 2014-15**

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
7	LEPP141001		Loughton	A1168 Chigwell Lane j/w M11 northbound off-slip (M11 junction 5)	Preliminary design and investigation into junction improvements	£3,000	28.05.14	14.5.14	01.02.15	Complete.
8	LEPP141006		Chigwell	A113 Abridge Road j/w Virgin Active Gym Access, Chigwell	Preliminary design and investigation into junction improvements including signage and surfacing.	£5,000	26.06.14	09.07.14	30.03.15	5 sites identified (see appendix 1). Panel previously recommended a total of £21,000 for CR sites, of which this scheme is one such identified.
<b>Bus Stop Improvements</b>										
9	LEPP145003		Chigwell	Opposite Brook Parade, High Road	New metal shelter with seating at bus stop 15001M379	£5,500	28.05.14	14.5.14	23.09.14	Complete.
<b>Total recommendations for C&amp;LB Division</b>						<b>£153,500</b>				

### Report 3 ECC/Epping Forest District LHP - Scheme Recommendations 2014-15

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
<b>EPPING &amp; THEYDON BOIS DIVISION</b>										
<b>Minor Schemes</b>										
10	LEPP142028		Epping	Ivy Chimneys, nr school	Signage / lights -"School 20 when lights show"	£3,700	28.05.14	14.5.14	02.02.15	See anticipated completion date
11	LEPP142007		Epping	Bury Lane and High Road	New school warning signs (including external light) for St John's School	£5,000	28.05.14	14.5.14	01.02.15	Cancelled
12	LEPP142009		Epping	Hemnall Street and High Street	Feasibility study into new footway	£5,000	28.05.14	14.5.14	01/12/14	Feasibility complete. Added to potential schemes list.
13	LEPP142011		Epping	War Memorial, Lindsey Street	Change link road fronting War Memorial to footway and associated junction improvements at Lindsey Street/High Street	£35,000	28.05.14	14.5.14	15.05.15	See anticipated completion date
14	LEPP142010		Epping	Lindsey Street	VAS	£8,500	28.05.14	14.5.14	25.02.15	See anticipated completion date
15	LEPP142041		Epping	B1393 High Road/Theydon Road	Detailed design for junction improvement (tailbacks in all directions) - investigation into timings and lines to determine if junction widening can be carried out with regard to cost, road safety, constructability and works impact.	£3,000	26.06.14	09.07.14	01.05.15	See anticipated completion date
16	LEPP142042		Theydon Bois	B172 Abridge Road	Feasibility study ongoing to assess speed reduction options. Recommendation for funding towards implementation.	£5,000	26.06.14	09.07.14	30.06.15	See anticipated completion date
<b>Casualty Reduction Schemes</b>										
17	LEPP141002		Theydon Bois	B172 Coppice Row (Wakes Arms RAB to Piercing Hill)	Preliminary design and investigation into signage improvements and cut back vegetation	£3,000	28.05.14	14.5.14	02.03.15	See anticipated completion date
18	LEPP141006		Epping	Coopersale Street	Preliminary design and investigation into carriageway improvements including signage and surfacing.	£4,000	26.06.14	09.07.14	30.03.15	5 sites identified (see appendix 1). Panel previously recommended a total of £21,000 for CR sites, of which this scheme is one such identified.

### Report 3 ECC/Epping Forest District LHP - Scheme Recommendations 2014-15

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
<b>Total recommendations for E&amp;TB Division</b>						<b>£72,200</b>				
<b>LOUGHTON CENTRAL DIVISION</b>										
<b>Minor Schemes</b>										
19	LEPP142015		Loughton	Alderton Hall Lane, south of Lindens	Bollards to prevent vehicles parking on verges	£3,000	28.05.14	14.5.14	29.12.14	Complete.
20	LEPP142016		Loughton	Staples Road/York Hill	Junction improvements and new metal gate	£10,000	28.05.14	14.5.14	12.11.15	See anticipated completion date
21	LEPP142013		Loughton	Cleland Path/Englands Lane	Dropped kerbs and tactile paving	£4,000	28.05.14	14.5.14	15.09.15	Complete.
22	LEPP142012		Loughton	A121 Church Hill j/w Kings Green/York Hill/Pump Lane	Improved weight limit signage at 3 locations	£15,000	28.05.14	14.5.14	23.06.15	See anticipated completion date
23	LEPP142013		Loughton	The Drive j/w A121	Improved cul-de-sac signage	£2,500	28.05.14	14.5.14	04.09.15	See anticipated completion date
24	LEPP142014		Loughton	Millsmead Way j/w Harwater Drive	Verge improvements to prevent vehicles causing damage	£10,000 £10,000	28.05.14 11.12.14	14.5.14 11.12.14	17.02.15	Scheme required more hardy surfacing. £10,000 top up approved 11.12.14
25	LEPP142043		Loughton	Brook Road j/w Alderton Hill	Vehicles having problems exiting Brook Road on to Alderton Hill. Feasibility study to be carried out after mini roundabout goes in at Alderton Hill j/w Borders Lane to investigate potential improvements to this other junction.	£3,000	26.06.14	09.07.14	13.02.15	See anticipated completion date
26	LEPP142033		Loughton	Traps Hill j/w Rowans Way and Church Lane	Staggered junction is the site of collisions. Feasibility study request to assess if there are any further improvements and measures that could be undertaken.	£3,000	26.06.114	09.07.14	31.03.15	See anticipated completion date
<b>Public Rights of Way (PRoW) Schemes</b>										
27	LEPP148004		Loughton	Shaftsbury Road to Forest Road	Surfacing improvements to PRoW	£25,000	28.05.14	4.5.14	TBC	£15,000 approved 28.05.14 with a further top up approved 26.06.14. <b>New</b> ; problem with definitive rights being explored.



**Report 3 ECC/Epping Forest District LHP - Scheme Recommendations 2014-15**

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
28	LEPP148005		Loughton	Footpath from Borders Lane to the old course of Rectory Lane, Loughton	The location has recently been declared a new public footpath. It has been closed for 2 years whilst a building development adjacent took place. This is thus a new highway. Funding recommended to clear and make suitable for public use, and repair the entrance to Borders Lane (over which a hoarding has been erected), remove glass and rubble, trim trees, and to erect signs and nameplates.	£7,500	26.06.14	09.07.14	TBC	Path clearance underway.
<b>Bus Stop Improvements</b>										
29	LEPP145004		Loughton	The Lindens, Alderton Hall Lane	Bus cage and associated parking restriction at stop 42014003	£2,500	28.05.14	14.5.14	27.10.14	Complete.
30	LEPP145006		Loughton	A121 Church Hill, Loughton, nr to 77	Request for metal bus shelter at location.	£5,500	26.06.14	09.07.14	12.02.15	See anticipated completion date
<b>Casualty Reduction Schemes</b>										
	LEPP141003	TBC	Loughton	A121 Goldings Hill (Wakes Arms to Baldwins Hill)	Preliminary design and investigation into signage improvements and cut back vegetation	£3,000	28.05.14	14.5.14	30.03.15	See anticipated completion date

### Report 3 ECC/Epping Forest District LHP - Scheme Recommendations 2014-15

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
<b>Total recommendations for LC Division</b>						<b>£104,000</b>				
<b>NORTH WEALD &amp; NAZEING DIVISION</b>										
<b>Minor Schemes</b>										
32	LEPP142018		North Weald	Emberson Way outside library car park	Bollards to prevent vehicles parking on the verge	£2,000	28.05.14	14.5.14	30.03.15	See anticipated completion date
33	LEPP142044		Roydon	Epping Road	2 'slow markings in the carriageway to be located near to where a vulnerable person regularly crosses from their home address.	£700	26.06.14	09.07.14	29.12.14	Complete.
34	LEPP142049		Nazeing	St. Leonards Road	Panel have previously recommended £15,000 to this scheme for a village gateway and repositioning of VAS. Top up required for £5,000	£5,000	26.06.14	09.07.14	31.03.15	See anticipated completion date
35	LEPP142047		Roydon	Netherhall Road	Match funding for highway improvement scheme to provide haunching.	£72,320	26.06.14	09.07.14	06.12.14	Complete.
<b>Public Rights of Way (PRoW) Schemes</b>										
36	LEPP142019		Nazeing	Middle Street, Bumbles Green	Walkable verge to link PRoW FP59 to Bumbles Green	£13,830 £10,000	28.05.14 11.12.14	14.5.14 11.12.14	10.02.15	£10,000 top up approved 11.12.14
<b>Bus Stop Improvements</b>										
37	LEPP145001		North Weald	The Talbot, High Road	New bus shelter - top up existing Sec 106 contribution	£3,000	28.05.14	14.4.15	16.10.14	Complete.
<b>Casualty Reduction Schemes</b>										
38	LEPP141004		Nazeing	B181 Epping Road j/w Common Road	Preliminary design and investigation into junction improvements	£3,000	28.05.14	14.5.14	01.02.15	
39	LEPP141005	TBC	Nazeing	Sedge Green j/w Dobbs Weir Road	Preliminary design and investigation into preventing parked vehicles obstructing sight lines.	£1,000	28.05.14	14.5.14	30.03.15	
40	LEPP141006		Hastingwood	B1393 London Road j/w access to MacDonald's Restaurant	Preliminary design and investigation into junction improvements including signage and lining.	£4,000	26.06.14	09.07.14	30.03.15	5 sites identified (see appendix 1). Panel previously recommended a total of £21,000 for CR sites, of which this scheme is one such identified.

**Report 3 ECC/Epping Forest District LHP - Scheme Recommendations 2014-15**

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
<b>Total recommendations for NW &amp; N Division</b>						<b>£114,850</b>				
<b>ONGAR &amp; RURAL DIVISION</b>										
<b>Minor Schemes</b>										
41	LEPP142020		Ongar	Tawney Lane/Old London Road	Improved signage at negative camber on bend	£5,000	28.05.14	14.5.14	02.06.15	See new anticipated completion date
42	LEPP142006		Ongar	Mill Lane, High Ongar	Relocate the weight sign to Hallsford Bridge Road, and amend Traffic Regulation Order.	£2,000	26.06.14	09.07.14	13.07.15	Now programmed.
43	LEPP142045		Ongar	117 High Street (Jasmines House)	To install four cast iron bollards (to match others in the same road) in order to prevent vehicles parking and causing obstruction.	£2,500	26.06.14	09.07.14	15.03.15	Now programmed.
44	LEPP143022		Norton Heath	Rookery Road nr j/w A414 Chelmsford Road	Installation of bollards on verge to prevent vehicles (mainly HGVs) from parking and causing damage.	£2,000	26.06.14	09.07.14	15.12.14	Complete
45	LEPP142046		Matching Green	Little Laver Road j/w Watery Lane	Improvements by the installation of gullies, kerbing, signs and lines	£10,700	26.06.14	09.07.14	15.02.15	Now programmed.
<b>Public Rights of Way (PRoW) Schemes</b>										
Page 27	LEPP148001		Ongar	Loves Lane, Chipping Ongar	Surface improvements to PRoW FP03	£8,000	28.05.14	14.5.14	TBC	With supply chain partners for costing
	LEPP148003		Moreton	PRoW Byway 1 - North Lane, Moreton	Surface/drainage improvements over 1000m	£50,000	26.06.14	09.07.14	TBC	Internal costing query
<b>Bus Stop Improvements</b>										
48	LEPP145005		Ongar	High Street nr station, Chipping Ongar	2 new metal shelters at stops IM428 and 21013003	£11,000	28.05.14	14.5.14	27.11.14	Complete

### Report 3 ECC/Epping Forest District LHP - Scheme Recommendations 2014-15

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
<b>Total recommendations for O&amp;R Division</b>						<b>£91,200</b>				
<b>WALTHAM ABBEY DIVISION</b>										
<b>Minor Schemes</b>										
49	LEPP142021			Crooked Mile j/w Saxon Way /Monkswood Avenue	Improved cul-de-sac signage at 2 junctions	£5,000	28.05.14	14.5.14	01.06.15	Complete
50	LEPP142022			Margherita Road j/w Honey Lane	Improved cul-de-sac signage at 1 junction	£2,500	28.05.14	14.5.14	01/12/14	Complete
51	LEPP002013			Crooked Mile near Saxon Way	Signal controlled crossing - phased approach to funding, final top up	£125,000	28.05.14	14.5.14	TBC	New; Stats information revealed abundant amount present. Further investigations.
52	LEPP142004			Outside 28-30 Crooked Mile	Installation of 'keep clear' road markings to prevent access road to garages which is frequently obstructed.	£750	26.06.14	09.07.14	TBC	Complete
53	LEPP142003			Crooked Mile j/w Sun Street	Installation of 'keep clear' road markings to prevent obstruction to Monkswood Avenue caused by tailback at lights.	£750	26.06.14	09.07.14	TBC	Complete
<b>Casualty Reduction Schemes</b>										
54	LEPP142029			A121/B194 Highbridge Street/Beaulieu Drive	Junction and signal improvements	£39,600	28.05.14	14.5.14	17.08.15	See new anticipated completion date. This is a guidance and it is anticipated this date will reduce significantly.
55	LEPP141006			A121 Woodridden Hill approach to Wakes Arms Roundabout	Preliminary design and investigation into junction improvements including signage and lining.	£4,000	26.06.14	09.07.14	30.03.15	5 sites identified (see appendix 1). Panel previously recommended a total of £21,000 for CR sites, of which this scheme is one such identified.
<b>Total recommendations for WA Division</b>						<b>£177,600</b>				

Recommendations for all divisions	<b>£745,550</b>
-----------------------------------	-----------------

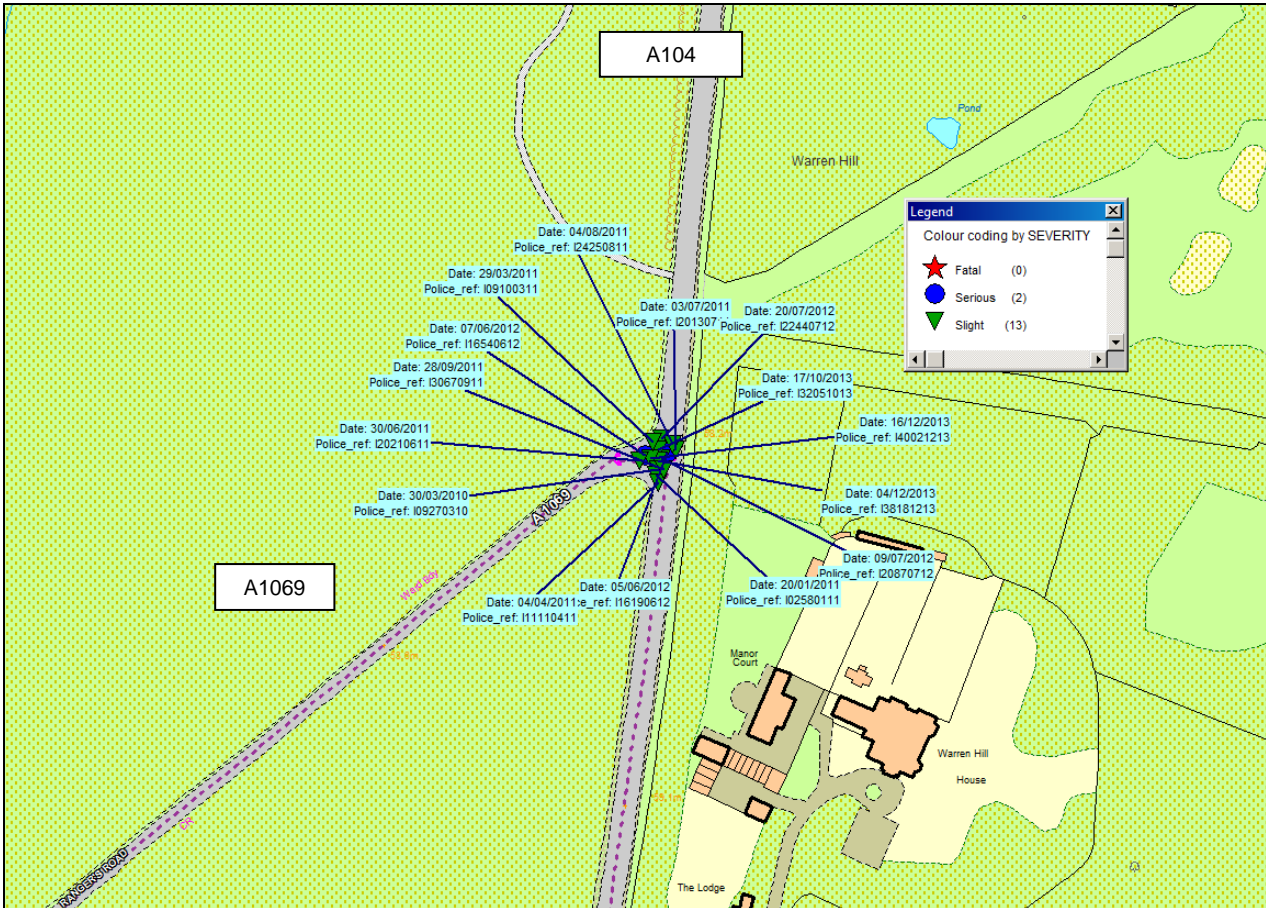
**Appendix 1:**  
**Epping Forest Casualty Reduction Sites 2015/16**

The 2014/15 ECC EFDC LHP recommended funding for the advanced design of five identified Casualty Reduction cluster sites.

The designs will be completed this financial year and the estimated construction cost will be adjusted accordingly for each scheme and placed on the Potential Schemes List ready for the Panel to consider for 2015/16 implementation.

1. A104 Epping New Road junction with A1069 Rangers Road – estimated construction cost £40,000
2. A113 Abridge Road junction with access to Virgin Active Health Club – estimated construction cost £22,000
3. A121 Woodridden Hill approach to Wakes Arms Roundabout - estimated construction cost £10,000
4. B1393 London Road junction with access to MacDonaldis - estimated construction cost £15,000
5. Coopersale Street, bend 200m south east of Houblons Hill - estimated construction cost £23,000

1.0 Site Plan with Collision Plot



2.0 Site Description & Observations

Details	Description/Observations
Road Name (s)	A104 Epping New Road junction with A1069 Rangers Road
Speed Limit	40mph
Street Lit	Yes
Carriageway type	Single carriageway
Gradient	Epping New Road is flat, Rangers Road has a very slight uphill gradient as it joins Epping New Road.
Traffic Management	The roads form a standard 'T' junction with Rangers Road under give way control. Epping New Road has a ghosted right turn lane facility for traffic turning right into Rangers Road with a traffic island located within the hatching at each end of the facility.

<b>Road Surface</b>	The road surface along Epping New Road appeared to be in very good condition owing to recent resurfacing works.
<b>Signing</b>	The road in the vicinity of the junction is covered by a 40mph speed limit. There are junction warning signs and ADS signs on both approaches on Epping New Road (see Images 1 and 4 below). Rangers Road has a yellow backed advanced give-way 80 yds sign (see Image 2 below). However, there is no give way sign present on Rangers Road at the junction (see Image 3 below).
<b>Road Markings</b>	There are edge of carriageway and central hatching with road studs along Epping New Road that incorporate the traffic islands for the right turn lane. There is give way lining at the Rangers Road junction. They are all in a good condition.
<b>Visibility</b>	Whilst Epping New Road is straight, visibility of the signing and junction is partially restricted due to the adjacent heavily wooded area of Epping Forest. The visibility of the junction ahead on Rangers Road is partly restricted due to the road alignment which curves to the right at the junction. Visibility to the left and right from the give way line in Rangers Road was good at the time of the site inspection (13/11/14).
<b>Vegetation</b>	See above – the vegetation requires some cutting back so that the signs associated with the junction are fully visible.
<b>Other</b>	

### 3.0 Personal Injury Collision Analysis

<b>Collision details</b>	<b>Number</b>
Total no. of Collisions	15 (2 serious, 13 slight)
Total no. of Casualties	17 (2 serious, 15 slight)
Number of collisions in hours of darkness	5 (33%)
Number of collisions in wet/damp conditions	9 (60%)
Collisions involving vulnerable road users	8 (6 motorcyclists and 2 cyclists) - 53%

<b>Identified Collision Pattern(s)</b>	<b>No of Collisions</b>
Collisions involving vehicles emerging from Rangers Road - 5 involving a northbound vehicle on Epping New Road being struck and 3 collisions where a southbound vehicle has been struck.	8 (53%)
Collisions involving vehicles turning right from Epping New Road into Rangers Road striking oncoming northbound traffic on Epping New Road.	4 (27%)



## 4.0 Site Photographs



Image 1 – View travelling northbound on Epping New Road approaching the Rangers Road junction on the left (taken 13/11/14)



Image 2 – View travelling north eastbound on Rangers Road towards the junction with Epping New Road (taken from Streetview)



Image 3 – View on Rangers Road of junction ahead with Epping New Road (taken from Streetview)



Image 4 – View travelling southbound on Epping New Road with Rangers Road junction on the right (taken 13/11/14)



Image 5 – View to the right from Rangers Road (taken on 13/11/14)



Image 6 – View to the left from Rangers Road (taken 13/11/14)



## 5.0 Recommendations

### Remedial Measures

- 1) Install new Vehicle Activated junction warning signs on both Epping New Road approaches to the Rangers Road junction. The signs are to be connected to detector loops in the carriageway so that they only activate when a vehicle is waiting to exit Rangers Road. The VAS for northbound vehicles will also activate when a vehicle is in the right turn lane waiting to turn right into Rangers Road.
- 2) Install new SLOW markings on the carriageway adjacent to the new VAS signs.

The overgrown signs and missing give way sign have been reported to the Maintenance team to arrange for them to be cut-back/replaced.

## 6.0 Estimated Costs

Estimated Construction Costs	£40,000
Survey Design and project management	£8,000
Total	£48,000

## 7.0 Scheme Approval

Safety Engineering Team:	Tel No.	Date
Senior Safety Engineer: Jenny Hill	01245 342902	18/11/2014

Location: A113 Abridge Road j/w Virgin Active Gym Access, Chigwell  
District: Epping  
Collision Investigation Period: 01/05/2009 – 30/04/2014

### 1.0 Site Plan with Collision Plot



### 2.0 Site Description & Observations

Details	Description/Observations
Road Name (s)	A113 Abridge Road j/w access to Virgin Active Health Club
Speed Limit	60mph
Street Lit	Yes
Carriageway type	Single carriageway
Gradient	The northbound Abridge Road approach to the junction goes up a slight incline (see Image 1) and then levels out prior to the junction.
Traffic Management	The access in/out of the Virgin Active Health Club/Golf Range is a standard T junction (see Image 2). There is a ghost island right turn lane further south on Abridge Road to assist vehicles turning right into the Woolston Manor Golf & Country Club access.
Road Surface	The road surface along the site appeared to be worn and the scrim data shows that on the Abridge Road northbound approach to the junction the skid resistance is below the recommended level. The Maintenance team do not have any plans at present to undertake resurfacing works here.
Signing	There are no warning signs for the junction. There is a brown tourist sign

	(double backed) located on the lamp column opposite the access for Virgin Active Health Club, however it does not appear to be an official Highways sign (this would need to be checked).
<b>Road Markings</b>	There is edge of carriageway and centre lining along Abridge Road. The lining along this stretch of road has recently been renewed.
<b>Visibility</b>	Visibility to the right when exiting the access is reduced due to the road gradient falling away and the adjacent overgrown vegetation (see Image 3).
<b>Vegetation</b>	See above – the verge requires cutting but there is also a mature willow tree which requires cutting back to improve the sight line.
<b>Other</b>	

### 3.0 Personal Injury Collision Analysis

Collision details	Number
Total no. of Collisions	4 (1 serious, 3 slight)
Total no. of Casualties	6 (1 serious, 5 slight)
Number of collisions in hours of darkness	0 (0%)
Number of collisions in wet/damp conditions	0 (0%)
Collisions involving vulnerable road users	1 (25%, motorcyclist)

Identified Collision Pattern(s)	No of Collisions
Failure to give way collisions caused by motorists pulling out of Health Club access and hitting northbound traffic on Abridge Road.	3 (75%)

### 4.0 Site Photographs



Image 1 – View travelling northbound along Abridge Road before Health Club access



Image 2 – View travelling northbound on Abridge Road just prior to health Club access on nearside



Image 3 – View to the right when exiting the Health Club access

## 5.0 Recommendations

### Remedial Measures

- 1) Install new yellow backed 'junction on left ahead' warning sign on Abridge Road for northbound traffic. Sign to be lit.
- 2) Install new SLOW road marking next to above sign.
- 3) Review the existing brown sign for Virgin Active (it does not appear to be an authorised tourism sign) – this double backed sign should be replaced with a sign to highlight the junction – it needs to be investigated if the Gym/Golf Club meets the criteria for tourism signing. It is felt that a sign here is beneficial in highlighting the access. Any sign needs to be bigger and the adjacent vegetation cut back to ensure it is visible.
- 4) Remove the redundant post located in the verge on the south west side of the access.
- 5) Investigate whether a give way line can be installed across the access into the Health Club.
- 6) Resurface the northbound Abridge Road approach to the junction to ensure the skid resistance is improved.

The overgrown vegetation/willow tree on the south west side of the access has been reported to maintenance to arrange for it to be cut back.

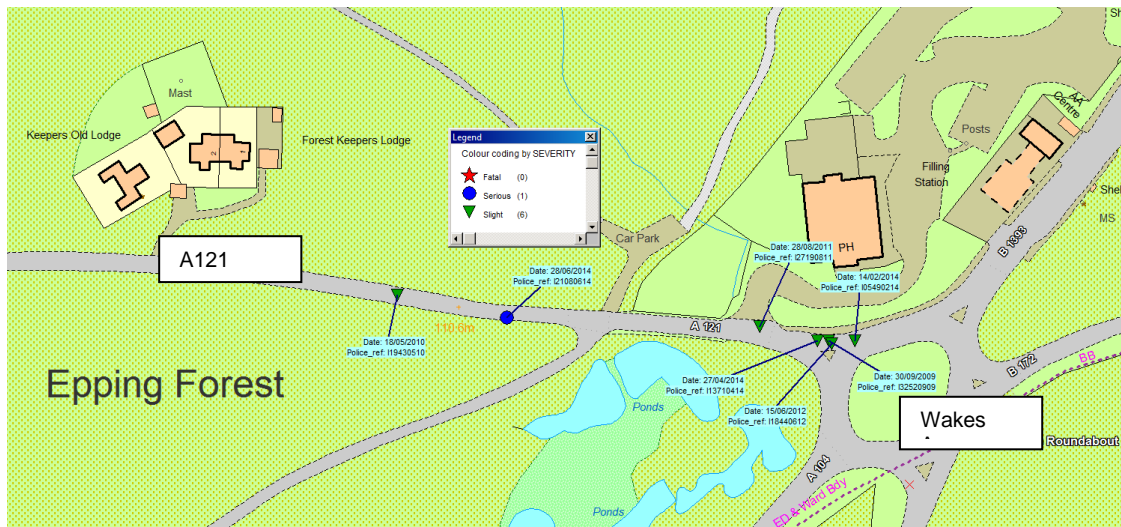
## 6.0 Estimated Costs

Estimated Construction Costs	£22,000
Survey Design and project management	£5,000
<b>Total</b>	<b>£27,000</b>

## 7.0 Scheme Approval

Safety Engineering Team:	Tel No.	Date
Senior Safety Engineer: Jenny Hill	01245 342902	30/10/2014

### 1.0 Site Plan with Collision Plot



### 2.0 Site Description & Observations

Details	Description/Observations
Road Name (s)	A121 Woodridden Hill approach to Wakes Arms Roundabout
Speed Limit	40mph
Street Lit	No
Carriageway type	Single carriageway
Gradient	The eastbound carriageway gradually climbs then flattens out put prior to the roundabout
Traffic Management	None
Road Surface	The road surface along the site appeared to be in good condition.
Signing	There is a large ADS sign on the offside of the road (see image 2 below). However, due to the vegetation drivers cannot see the sign until they are close to it. There is also a cattle grid warning sign on the nearside of the road (for the offside junction) which is covered by vegetation. The road is covered by a 40mph speed limit however there doesn't appear to be sufficient repeater signs to enforce it.
Road Markings	There are edge of carriageway and centre lining with road studs along Woodridden Hill which are in a good condition.
Visibility	Visibility of the roundabout ahead is partially reduced by road alignment and adjacent vegetation.
Vegetation	See above – the ADS and cattle grid warning signs require cutting back so that they are fully visible.

Other	
-------	--

### 3.0 Personal Injury Collision Analysis

Collision details	Number
Total no. of Collisions	7 (1 serious, 6 slight)
Total no. of Casualties	11 (1 serious, 10 slight)
Number of collisions in hours of darkness	3 (42%)
Number of collisions in wet/damp conditions	2 (28%)
Collisions involving vulnerable road users	1 (14%)

Identified Collision Pattern(s)	No of Collisions
Nose to tail collisions on the approach to the roundabout.	35 (71%)

### 4.0 Site Photographs

	
<p>Image 1 – View travelling eastbound along Woodridden Hill, alignment and vegetation restricts view of ADS and roundabout.</p>	<p>Image 2 – View travelling eastbound on Woodridden Hill prior to the Wakes Arms Roundabout.</p>

### 5.0 Recommendations

Remedial Measures
<ol style="list-style-type: none"> <li>1) Install new Roundabout ahead warning sign with distance sub-plate on Woodridden Hill.</li> <li>2) Install new SLOW markings on the carriageway adjacent to the new roundabout sign and the existing cattle grid sign.</li> <li>3) Replace the existing chevron sign on the roundabout island with a yellow backed chevron.</li> <li>4) Check distances between 40mph repeaters and arrange for any additional signs to be installed.</li> </ol> <p>The overgrown ADS and cattle grid signs have been reported to the Maintenance team to arrange for them to be cut back.</p>

## 6.0 Estimated Costs

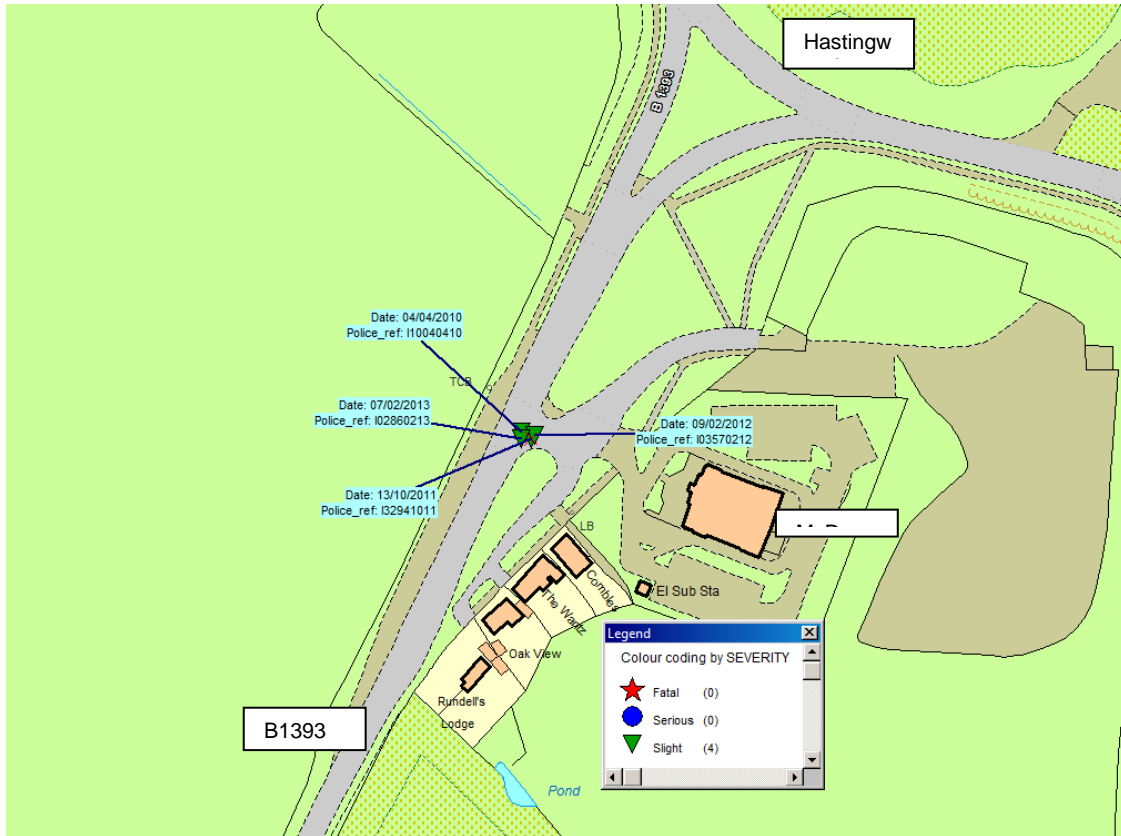
Estimated Construction Costs	£10,000
Survey Design and project management	£4,000
Total	£14,000

## 7.0 Scheme Approval

<b>Safety Engineering Team:</b>	<b>Tel No.</b>	<b>Date</b>
Senior Safety Engineer: Jenny Hill	01245 342902	17/11/2014



### 1.0 Site Plan with Collision Plot



### 2.0 Site Description & Observations

Details	Description/Observations
Road Name (s)	B1393 London Road j/w access to McDonalds
Speed Limit	60mph
Street Lit	Yes
Carriageway type	Single carriageway
Gradient	None
Traffic Management	The access in/out of the McDonalds Restaurant/Hastingwood Highways Depot is a standard T junction. There is a ghost island right turn lane on London Road to assist vehicles turning right into the access.
Road Surface	The road surface along the site appeared to be worn and the scrim data shows that on the London Road southbound approach to the junction the skid resistance is below the recommended level. The Maintenance team will be looking at whether this can be included in their 2015/16 resurfacing programme.
Signing	There is an existing junction on the left warning sign for traffic leaving the Hastingwood Roundabout, however it is close to the access and due to the



	curvature of the road and vegetation it isn't very conspicuous. There is a give way sign at the junction for motorists joining London Road.
Road Markings	There is central hatching and right turn lane markings along London Road which are visible. There are give way lines at the junction which are slightly worn.
Visibility	Visibility to the right when exiting the access is reduced due to the road alignment and adjacent vegetation.
Vegetation	See above.
Other	

### 3.0 Personal Injury Collision Analysis

Collision details	Number
Total no. of Collisions	4 (all slight)
Total no. of Casualties	5 (all slight)
Number of collisions in hours of darkness	2 (50%) area street lit
Number of collisions in wet/damp conditions	3 (75%)
Collisions involving vulnerable road users	0 (0%)

Identified Collision Pattern(s)	No of Collisions
Failure to give way collisions caused by motorists turning right out of McDonalds access and hitting southbound traffic on London Road.	4 (100%)

### 4.0 Site Photographs

	
<p>Image 1 – View travelling southbound along London Road from the M11 Roundabout (Streetview Image) - junction warning sign circled in red</p>	<p>Image 2 – View to the right when exiting the McDonalds access onto London Road</p>

## 5.0 Recommendations

### Remedial Measures

- 1) Remove existing 'junction on left ahead' warning sign on London Road for southbound traffic and replace with a yellow backed version. Install the sign nearer roundabout and trim adjacent vegetation to ensure it can easily be seen. Sign is lit.
- 2) Install new SLOW road marking next to above sign.
- 3) Investigate whether the give way lining can be moved further forward to improve visibility for vehicles exiting side road. This may require hatching of the nearside lane on the southbound London Road.

## 6.0 Estimated Costs

Estimated Construction Costs	£15,000
Survey Design and project management	£4,000
Total	£19,000

## 7.0 Scheme Approval

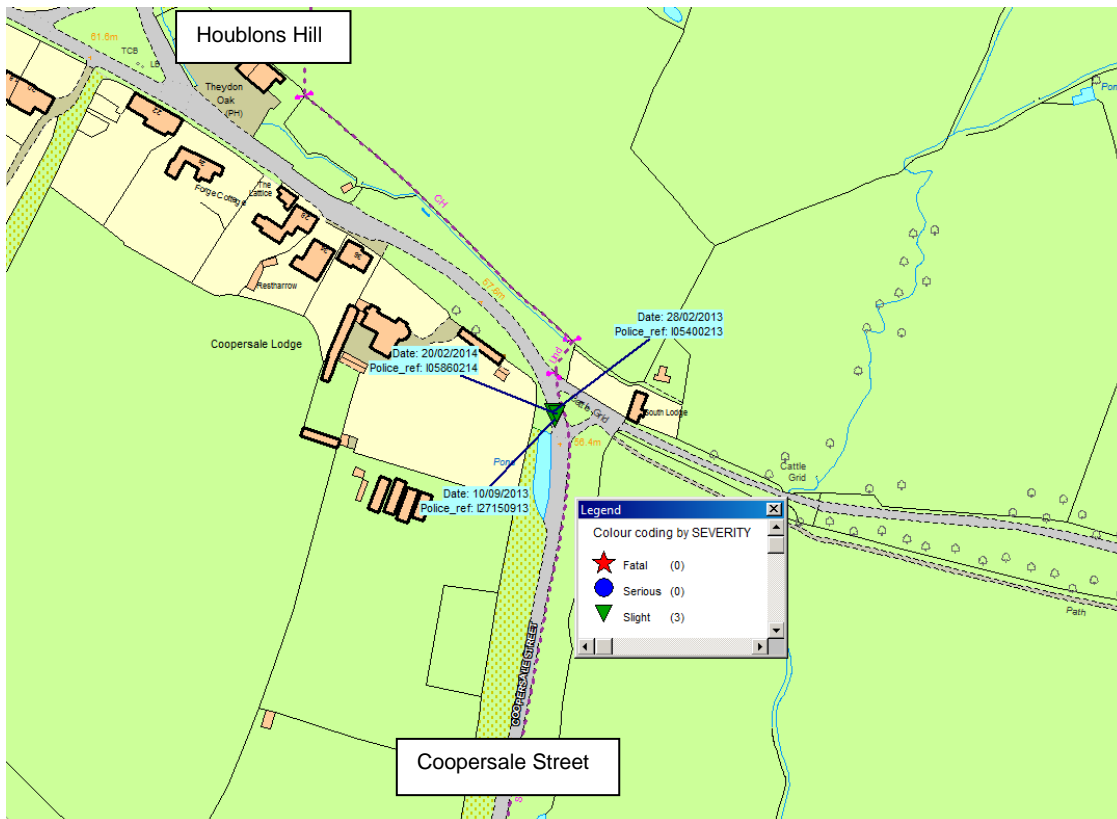
Safety Engineering Team:	Tel No.	Date
Senior Safety Engineer: Jenny Hill	01245 342902	30/10/2014

Site Report Essex Highways Casualty Reduction Site  
Report 2015/16



Location: Coopersale Street, Epping  
District: Epping  
Collision Investigation Period: 01/05/2009 – 30/04/2014

1.0 Site Plan with Collision Plot



2.0 Site Description & Observations

Details	Description/Observations
Road Name (s)	Coopersale Street, bend 200m south east of Houblons Hill
Speed Limit	40mph
Street Lit	No
Carriageway type	Single carriageway
Gradient	Level
Traffic Management	None, carriageway forms a 90 degree bend near access to South Lodge
Road Surface	The road surface along the site appeared to be very worn, particularly around the bend. There is no scrim data available for this road. The Maintenance team do not have any plans at present to undertake resurfacing works here.
Signing	There are 'bend ahead' warning signs with 'reduce speed now' sub-plates on both approaches to the bend. There are both overgrown and the northbound sign is in a very poor condition (see Images 1 & 3). There are

	a couple of reflector posts on the northern verge near the bend which indicates there were previously more (see Image 2). There are no chevron signs to highlight the bend to motorists.
<b>Road Markings</b>	There are edge of carriageway and centre lining along Coopersale Street however they are extremely faded around the bend.
<b>Visibility</b>	Visibility of the bend ahead is partially reduced by road alignment and adjacent vegetation.
<b>Vegetation</b>	See above – the bend warning signs require cutting back so that they are fully visible.
<b>Other</b>	

### 3.0 Personal Injury Collision Analysis

Collision details	Number
Total no. of Collisions	3 (all slight)
Total no. of Casualties	3 (all slight)
Number of collisions in hours of darkness	2 (66%)
Number of collisions in wet/damp conditions	3 (100%)
Collisions involving vulnerable road users	0 (0%)

Identified Collision Pattern(s)	No of Collisions
Loss of control collisions on bend near South Lodge (one single vehicle, 2 head on).	3 (100%)

### 4.0 Site Photographs



Image 1 – View travelling eastbound along Coopersale Street, bend sign obscured (adjacent to Theydon Oak PH)



Image 2 – View travelling south eastbound on Coopersale Street at bend near South Lodge



Image 3 – View travelling northbound on Coopersale Street before bend. Bend warning sign is in poor condition.

## 5.0 Recommendations

### Remedial Measures

- 1) Renew the existing northbound 'bend ahead' with 'reduce speed now' sub-plate signs.
- 2) Install new chevron signs for both directions at the bend.
- 3) Renew remaining reflector posts and install further ones around the sweeping bend to highlight it to motorists. Cut verge back to ensure the reflector posts are visible.
- 4) Carry out resurfacing of the carriageway around the bend and the approaches to it.
- 5) Remark the centre and edge of carriageway lining throughout the bend.

The overgrown bend warning signs on both approaches have been reported to the Maintenance team to arrange for them to be cut back.

## 6.0 Estimated Costs

Estimated Construction Costs	£23,000
Survey Design and project management	£4,000
Total	£27,000

## 7.0 Scheme Approval

Safety Engineering Team:	Tel No.	Date
Senior Safety Engineer: Jenny Hill	01245 342902	30/10/2014

This page is intentionally left blank

**Report 4 ECC/Epping Forest District LHP - Scheme Recommendations 2014-15 (revenue)**

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
<b>BUCKHURST HILL &amp; LOUGHTON SOUTH DIVISION</b>										
<b>Minor Schemes</b>										
1	LEPP142025		Loughton	A121 High Road (nr Upper Park/Meadow Road)	One automatic traffic count (seven day speed/volume survey ) to feed into validation process	£210	28.04.14	14.05.14	07.07.14	Complete.
2	LEPP142064		Buckhurst Hill	Palmerston Road	Two x speed/volume survey to investigate speeding concerns	£210	28.08.14	16.09.14	01/12/14	Complete.
<b>Total recommendations for BH &amp; L Division</b>						<b>£420</b>				

**Report 4 ECC/Epping Forest District LHP - Scheme Recommendations 2014-15 (revenue)**

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
<b>CHIGWELL &amp; LOUGHTON BROADWAY DIVISION</b>										
Casualty Reduction Schemes										
<b>Total recommendations for C&amp;LB Division</b>										



**Report 4 ECC/Epping Forest District LHP - Scheme Recommendations 2014-15 (revenue)**

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status	
<b>EPPING &amp; THEYDON BOIS DIVISION</b>											
<b>Minor Schemes</b>											
3	LEPP142008		Epping	Bury Lane	Two automatic traffic counts (seven day speed/volume) to feed into validation of change in speed limit 40mph to 30mph	£420	28.4.14	14.5.14	01.07.14	Complete.	
<b>Casualty Reduction Schemes</b>											
<b>Total recommendations for E&amp;TB Division</b>						<b>£420</b>					

**Report 4 ECC/Epping Forest District LHP - Scheme Recommendations 2014-15 (revenue)**

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
<b>LOUGHTON CENTRAL DIVISION</b>										
<b>Minor Schemes</b>										
4	LEPP142065		Loughton	Westall Road j/w Colebrook Lane	Speed/volume survey to investigate speeding concerns	£210	28.08.14	16.09.14		Complete.
5	LEPP142066		Loughton	Chester Road	Speed/volume survey to investigate speeding concerns	£210	28.08.14	16.09.14		Complete.
6	LEPP141008		Loughton	A121 Church Hill and A1168 Rectory Lane	Road safety audit to investigate concerns of two zebra crossings in close proximity	£500	28.08.14	16.09.14		Complete.
<b>Total recommendations for LC Division</b>						<b>£920</b>				

**Report 4 ECC/Epping Forest District LHP - Scheme Recommendations 2014-15 (revenue)**

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
<b>NORTH WEALD &amp; NAZEING DIVISION</b>										
<b>Minor Schemes</b>										
7	LEPP142024		Bumbles Green	Nazeing Common (nr Belchers Lane)	One automatic traffic count (seven day speed/volume) to feed into validation process	£210	28.04.14	14.05.14	14.07.14	Complete.
8	LEPP142023		Bumbles Green	Waltham Road (nr Allmains Close)	One automatic traffic count (seven day speed/volume) to feed into validation process	£210	28.04.14	14.05.14	14.07.14	Complete.
9	LEPP142037		Nazeing	Park Fields and Low Hill Road	HGV survey to evaluate the issue of goods vehicles contravening the weight restriction to access Lower Nazeing via Low Hill Road	£500	26.06.14	09.07.14	09.10.14	Complete.
10	LEPP142076		Matching	Little Laver Lane, Matching Primary School	One automatic traffic count (seven day speed/volume) to feed into validation process	£230	11.11.14	11.11.14	01/12/14	Complete.
11	LEPP142067		Sheering	The Street	Two automatic traffic counts (seven day speed/volume) to feed into validation of change in speed limit 40mph to 30mph	£420	28.08.14	16.09.14	01/12/14	Complete.
<b>Total recommendations for NW &amp; N Division</b>						<b>£1,570</b>				

**Report 4 ECC/Epping Forest District LHP - Scheme Recommendations 2014-15 (revenue)**

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
<b>ONGAR &amp; RURAL DIVISION</b>										
<b>Minor Schemes</b>										
12	LEPP142036		Stanford Rivers	A113 London Road j/w Shonks Mill Road	One automatic traffic count (seven day speed/volume) to feed into validation process	£210	26.06.14	09.07.14	08.10.14	Complete.
<b>Total recommendations for O&amp;R Division</b>						<b>£210</b>				

**Report 4 ECC/Epping Forest District LHP - Scheme Recommendations 2014-15 (revenue)**

Ref	Scheme code	Design code	Town	Location	Description	Budget	Recommend date	CM approved date	Expected complete	Status
<b>WALTHAM ABBEY DIVISION</b>										
<b>Minor Schemes</b>										
13	LEPP142026		Waltham Abbey	Woodridden Hill (nr 1 Rose Cottage)	One automatic traffic count (seven days speed/volume survey) to feed into validation process	£210	28.04.14	14.05.14	21.07.14	Complete.
14	LEPP143003		Waltham Abbey	Crooked Mile j/w Sun Street	PV2 survey (i.e. degree of pedestrian conflict) to investigate potential for crossing improvements	£900	26.06.14	09.07.14	23.10.14	Complete.
15	LEPP142037		Waltham Abbey	B194 Crooked Mile, from junction of Waltham Road, Marsh Hill & St. Leonards Road	Speed/volume survey request for the route to feed into scheme validation	£900	26.06.14	09.07.14	09.10.14	Complete.
16	LEPP142068		Waltham Abbey	Parklands	Speed/volume survey to investigate speeding concerns	£210	28.08.14	16.09.14	01/12/14	Complete.
<b>Total recommendations for WA Division</b>						<b>£2,220</b>				

Recommendations for all divisions	<b>£5,760</b>
-----------------------------------	---------------

--

This page is intentionally left blank

**Report 5 ECC/Epping Forest District LHP - Potential Scheme List 2014-15**

Ref No.	Scheme code	NEW	Town	Location	Description	Est. Budget	Requested date if known	Requested by	RAG	Status
<b>BUCKHURST HILL &amp; LOUGHTON SOUTH DIVISION</b>										
<b>BH&amp;LS - Minor Schemes</b>										
1	LEPP002001	2012/13	Buckhurst Hill	Roding Lane, Palmerston Rd/ Loughton Lane, Albert Rd	Pedestrian facilities at signal junction - Feasibility Study		June 2014	Cllr	Amber	DC1429 report back. Pedestrian phases are possible. Topographic study will finalise figures.
2	LEPP142049	<b>NEW</b>	Loughton	Oakwood Hill, between River Way and L. Alderton Hall Ln	Upgrade signing, lining and lighting units.	Approx £5,000	July 2014	Cllr CP	Green	Shared with LC Division
3	LEPP143005	<b>NEW</b>	Loughton	Nursery Road, from Smarts Lane to Connaught Avenue, then to Little Dragons	Implementation of a footpath		Dec 2014	Cllr VM		In validation

**Report 5 ECC/Epping Forest District LHP - Potential Scheme List 2014-15**

Ref No.	Scheme code	NEW	Town	Location	Description	Est. Budget	Requested date if known	Requested by	RAG	Status
<b>CHIGWELL &amp; LOUGHTON BROADWAY DIVISION</b>										
<b>C&amp;LB - Minor Schemes</b>										
4	LEPP132060		Loughton	Ibbetson Path j/w Westall Rd	Install no entry from Westall Rd 7.30-9.30 am to prevent morning rat run		Nov 2013	Cllr JK	Red	Possibly shared with LC. Validation shows against policy. Also, any restrictions along Ibbetson Path would require an area wide review of the highway network. HLO to investigate further. <b>New</b> ; example signs are being investigated with TfL.
5	LEPP132061		Chigwell	Forest Lane j/w Manor Rd B173	Install no entry from Manor Rd 7.30-9.30 am to prevent morning rat run and traffic shooting across from New Forest Lane		Nov 2013	Cllr JK	Red	Not within policy. We are unable to restrict traffic using this road in this way. HLO to investigate further. <b>New</b> ; example signs are being investigated with TfL.
6	LEPP143023	<b>NEW</b>	Chigwell	Chigwell County Primary School	Install dropped kerb near existing disabled bay	£4,250	Aug 2014	Cllr KJ	Amber	Options from briefing note not acceptable. Alternative location within school grounds being investigated.
7	LEPP142050	<b>NEW</b>	Chigwell	Lambourne Road - Chigwell Row Infant School	further road markings could be added to existing speed humps.	TBC	Aug 2014	JK	Amber	Feasibility complete - advise no further physical road markings
8	LEPP142002	<b>NEW</b>	Chigwell	Vicarage Lane j/w Manor Road	Junction improvements from Feasibility Study. Further top up required to carry out civil works.	£45,000	Jan 2015	JK	Green	Previous allocation of £140,000 made (£118,000 plus £22,000 top up) for utility works to be carried out 2014/15. This additional top up is required to carry out civil works 2015/16
9	LEPP142079	<b>NEW</b>	Chigwell	Station Road	Investigation into one way system.		Oct 2014	JK		In validation
<b>Chigwell &amp; Loughton Broadway - Casualty Reduction Schemes</b>										
10	LEPP141009	<b>NEW</b>	Chigwell	A1168 Chigwell Lane j/w M11 northbound off-slip (M11 jnct 5)	Junction improvements	£21,000	Jan 2015	JK	Amber	Feasibility back with recommendations for junction improvements to be considered by Cllrs



**Report 5 ECC/Epping Forest District LHP - Potential Scheme List 2014-15**

Ref No.	Scheme code	NEW	Town	Location	Description	Est. Budget	Requested date if known	Requested by	RAG	Status
<b>EPPING &amp; THEYDON BOIS DIVISION</b>										
<b>E&amp;TB - Minor Schemes</b>										
11	LEPP132064		Epping	Theydon Road	Properties on a bend with limited visibility. Residents at Holly cottages having problems accessing their properties			Cllr JW	Red	Extending speed limit rejected. Against policy. Cllr to consider redefining problem
12	LEPP132049		Epping	Bury Lane, Epping	St Johns School has relocated (Sept 2013). For the existing 40 to be reduced to 30 (Highfield Green to the cemetery)		Sept 2013	School	Red	Scheme validation process requires two speed surveys which were recommended for funding at the last panel meeting. Cllr to consider. <b>New</b> ; survey shows good compliance for existing.
13	LEPP132020	DC1811	Epping	Bower Hill at bridge	Feasibility study, prelim. designs & costings - safety measures for pedestrians - raised kerb & lining		6.6.13	25.6.13	Amber	Feasibility study ongoing, awaiting indicative costs from Design & Consultancy Team before presenting to panel. <b>New; study due by 27.2.15</b>
14	LEPP132022	DC1782	Fiddlers Hamlet	Mount Rd junction Coopersale St	Detailed design & costings - road markings and ghost island to define junction		6.6.13	25.6.13		Report sent. Cllrs to consider new commission.
15	LEPP001001	DC1422	Mount End	Mount Road j/w Banks Lane, Mount End	Junction re-alignment, signs and lines	£18,000	29.01.15	Cllr JW		There were unforeseen additions with regard to land acquisition. The final overall costing for this scheme now would require a top up of another £18,000.
16	LEPP143024		Epping	Hemnal Street	Footway and dropped kerbing	£7,500	15.01.15	JW	Green	From feasibility
<b>E&amp;TB - Casualty Reduction Schemes</b>										

**Report 5 ECC/Epping Forest District LHP - Potential Scheme List 2014-15**

Ref No.	Scheme code	NEW	Town	Location	Description	Est. Budget	Requested date if known	Requested by	RAG	Status
17	LEPP141007		Epping	B181 Lindsey Street, Epping Road j/w B182 Bury Lane	Proposed junction realignment as a result of a Stage 1/2 Safety Audit	£35,000 TBC	Aug 2014	Cllr JW		Road Safety Team to produce detailed design for optional scheme by end of Feb 2015.
<b>LOUGHTON CENTRAL DIVISION</b>										
<b>LC - Minor Schemes</b>										
18	LEPP132060		Loughton	Ibbetson Path j/w Westall Rd	Install no entry from Westall Rd 7.30-9.30 am to prevent morning rat run		Nov 2013	Cllr JK	Red	Validation shows against policy. Also, any restrictions along Ibbetson Path would require an area wide review of the highway network. Further investigation by HLO in conjunction with E & TB schemes regarding time restrictions to be carried out. <b>New</b> ; example signs are being investigated with TfL
19	LEPP132068	NEW	Loughton	Bushfields j/w Colson Road	Junction improvements		Mar 2014	Cllr CP	Amber	It was noted on the site visit that a taxi cab was parked in the existing 'advisory only' disabled bay without a badge. Checks are being made to see if the bay is still required before any further proposals are made. Possibility of junction protection markings installed to allow for better visibility. On the other approach there is little that can be done, parking was not an issue and there was not much that can be done with regard to the bend. Awaits. <b>New</b> ; bay is used by Blue Badge holders. Awaits further advice from Engineer.
20	LEPP142039	NEW	Loughton	Pyrles Lane, Chester Road, Hillyfields speed table	Cllr has requested a safety check is carried out in general with regard to sightlines, obstruction, driver behaviour, whether it is serving any value.	£3,000	August 2014	Cllr CP	Green	Validation recommends feasibility to be carried out by the Road Safety Team to determine the impact of removing the table.
21	LEPP142049	NEW	Loughton	Oakwood Hill, between River Way and L. Alderton Hall La	Upgrade signing, lining and lighting units.	Approx £5,000	July 2014	Cllr CP	Green	Shared with BH & LS Division.

**Report 5 ECC/Epping Forest District LHP - Potential Scheme List 2014-15**

Ref No.	Scheme code	NEW	Town	Location	Description	Est. Budget	Requested date if known	Requested by	RAG	Status
22	LEPP142051	NEW	Loughton	Staples Road - school	Additional school warning signage, investigation into crossing facility.		July 2014	Cllr CP		Feasibility complete. Further report being carried out by school as due for expansion. Cllrs to be contacted further by Design Team.
<b>NORTH WEALD &amp; NAZEING DIVISION</b>										
<b>NW&amp;N - Minor Schemes</b>										
23	LEPP132056		Nazeing	North St, Pecks Hill, Sedge Green.	Solutions to speeding concerns and volume HGV flouting weight limit. Request for Speed Reduction / HGV Prevention / VAS		Nov 2013	Cllr RB	Amber	Speed survey ordered on North St just south of Lake Rd. Sent for validation. <b>More information required on HGV movements from Parish.</b>
24	LEPP132055		Nazeing	Middle St (30mph) near Hoe Lane, EN9 2LG	Speeding concerns at accident black spot - request for speed reduction / traffic calming / VAS		Nov 2013	Cllr RB	Amber	Speed survey ordered. Sent for validation. Speed data does not meet criteria fro VAS. <b>Validation Team asked to re evaluate.</b>
25	LEPP132062	NEW	Nazeing	Nazeingbury Parade, Nazeing Road	Parking on carriageway causing congestion/safety issues			Cllr		NEPP comments - would not consider restrictions. Engineer to finalise.
26	LEPP142050	NEW	Nazeing	Waltham Road and Nazeing Common, Bumbles Green	Complaints of speeding/erratic driver behaviour. Cllrs have requested consideration be given to improved signage	£7,500	August 2014	Calls AJ and RB	Green	Recent site visit. Signing recommendations
27	LEPP142040	NEW	Sheering	The Street/Crown Close	Complaints of problem with speeding vehicles using The Street, which is a busy cut through. Apparently, there have been several close shaves/ minor collisions where the driver has not been aware that there is in fact a mini roundabout. Raised by resident at June 2014 PC meeting.	£3,000	August 2014	Cllr AJ	Green	Validation just back. - recommend feasibility to investigate possibly raising the roundabout Estimated cost of feasibility study: £3,000
28	LEPP142053	NEW	North Weald Bassett	Wellington Road and Hampton Close	To address parking and establish a suitable schedule of traffic calming	1. £24,695 2. £30,215 3. £33,295	July 2014	Cllr AJ	Amber	Feasibility recommends 4 options. Cllr to confirm with PC if scheme no longer required.
29	LEPP142054	NEW	Lower Sheering	Sheering Lower Road	To address perceived speeding issues	1. £68,282 2. £58,974	July 2014	Cllr AJ	Amber	Feasibility recommends 2 options to be discussed with Cllr. Good compliance with speed limit. <b>New</b> ; sent to PC for comment.
30	LEPP142055	NEW	Sheering/ Matching Tye	Church Lane, Sheering, and Harlow Road, Matching Tye	Prevent HGVs using unsuitable roads		July 2014			Awaiting scheme validation
31	LEPP142075	NEW	Roydon	Hansells Mead and Parkfields	Prevent HGVs using unsuitable roads	£6,000	Jan 2015	Cllr AJ	Green	

**Report 5 ECC/Epping Forest District LHP - Potential Scheme List 2014-15**

Ref No.	Scheme code	NEW	Town	Location	Description	Est. Budget	Requested date if known	Requested by	RAG	Status
32	LEPP142082	NEW	Nazeing	Middle Street	Extend existing 30mph north		Jan 2015	Cllr AJ		Awaiting scheme validation
33	LEPP142083	NEW	Nazeing	Middle Street	Speed/volume survey to investigate speeding concerns	£230 Revenue	Jan 2015	Cllr AJ	Green	To feed into validation
<b>ONGAR &amp; RURAL DIVISION</b>										
<b>O&amp;R - Minor Schemes</b>										
34	TBC		Ongar	Greensted Road, Chipping Ongar	Two VAS / speed reduction to 30mph			Parish Council	Amber	VAS subject to suitable locations being found. On hold pending effectiveness of forthcoming school flashing signs scheme
35	LEPP142033		High Ongar	A414 Chelmsford Road	Safety review. Accidents at Milestones. Needs defining.			Parish Council		Awaiting scheme validation
36	LEPP132058		Fyfield	Brickyards layby, Dunmow Rd, CM5 0NW	Request for white lining and signage to prevent lorries etc. parking over runways to properties and blocking exit/access		Nov 2013	Cllr MMc	Amber	Scheme validated 22/04/14. There is no evidence of a parking issue, however any obstruction of the highway is a police enforcement matter. Suggest maintenance issue for existing markings. <b>Site to be monitored.</b>
37	LEPP142057	NEW	Ongar	The Street and Mill Lane	Implementation of 20mph speed/variable limit		August 2014	Cllr MMc	Red	Feasibility carried out - HLO to share with school and Parish and feed back comments. <b>New</b> ; not a viable scheme.
38	LEPP142058	NEW	Chipping Ongar	Greenstead Road - Chipping Ongar Primary School	Implementation of 20mph speed/variable limit		August 2014	Cllr MMc	Red	Feasibility carried out - out of policy. Possibly investigate double yellow lines to replace school keep clear markings - HLO to share with school and Parish and feed back comments. <b>New</b> ; not a viable scheme.
39	LEPP142059	NEW	Abness Roding	B184 Dunmow Road	Implementation of VAS		August 2014	Cllr MMc	Red	Speed survey shows good compliance therefore does not meet criteria (51.4mph average combined speeds in 60mph). Cllrs to consider and feed back to Panel.
40	LEPP142060	NEW	Chipping Ongar	Milton Crescent - Shelley Primary School	Implementation of 20mph speed limit to Milton Crescent and Betjeman Way	£7,500	August 2014	Cllr MMc	Green	Feasibility carried out - viable scheme. <b>New</b> ; consider further scheme for build outs recommended.
41	LEPP142061	NEW	Ongar	The Borough	Build out to install footway between Jackson Close and Ivy Cottage	£74,595	August 2014	Cllr MMc	Green	Feasibility complete - out of policy. Two options to be shared with Town Council.

**Report 5 ECC/Epping Forest District LHP - Potential Scheme List 2014-15**

Ref No.	Scheme code	NEW	Town	Location	Description	Est. Budget	Requested date if known	Requested by	RAG	Status
42	LEPP142062	NEW	Abridge	B172 Abridge over river Roding	Investigation into possibility of turning movements, mini roundabout, 20mph speed limit and prohibition of left/right turns from A113 onto B172		August 2014	Cllr MMc	Amber	Report is being considered by Cllrs. HLO to feed back to designers to reconsider options.
43	LEPP142081	NEW	Stanford Rivers	A113 Romford Road	To carry out a topographical survey at two sites and drainage cleanse.	£10,100	Jan 2015	Cllr MMc	Amber	Recommendations made from previous feasibility carried out. For consideration. ( two sites at location - £9,300 and £3,800)
44	LEPP142070	NEW	Moreton	Moreton Bridge, Bridge Road	Bricks becoming dislodged. Re alignment of the layby.	£25,000	Jan 2015	Cllr MMc	Green	Validation advises work to be undertaken by Structures to add further bollards, and conservation kerbing on both sides. Also Install solar lights set in to the road along the edge of the carriageway Renew carriageway markings.
45	LEPP142071	New	Stanford Rivers	A113 London Road - Stanford Rivers. Between Woodman Public House and Passingford Bridge	Investigations into a cycle path		Nov 2014	Cllr MMc		In Validation
46	LEPP142069	NEW	High Ongar	Outside 5 Millfield	Verge over run		Oct 2014	Cllr MMc		In Validation
<b>O&amp;R - Public Rights of Way</b>										

**Report 5 ECC/Epping Forest District LHP - Potential Scheme List 2014-15**

Ref No.	Scheme code	NEW	Town	Location	Description	Est. Budget	Requested date if known	Requested by	RAG	Status
47	LEPP148002	New	Ongar	PRoW Byway 28 - Curtis Mill Lane, Stapleford Abbots	Surface/drainage improvements over 1300m	£119,616	March 2014	PRoW team	Amber	New price of £119,616 Possible phased approach to work being considered.
<b>WALTHAM ABBEY DIVISION</b>										
<b>WA - Minor Schemes</b>										
48	LEPP142026		Waltham Abbey	Honey Lane (east of Wood Green Road), Waltham Abbey	Difficult to cross road/Speeding. Speed Control Measures. On PR2 40 mph road - limited frontages several sections. Suggestions for footpath & VAS			Cllrs		Scheme validation awaiting results of speed survey
49	LEPP142034		Waltham Abbey	Parklands approaching the B194 roundabout	VAS		Sept 2013	Cllrs	Red	Survey shows not within policy.
50	LEPP142005	NEW	Waltham Abbey	Outside Wheatsheaf PH Crooked Mile	Vehicles parking on footway.		June 2014	Cllr JL	Red	NEPP comments - would not be considered for restrictions. Panel to reconsider.
51	LEPP142074	NEW	Waltham Abbey	Sewardstone Road, between just north of Baden Drive, to the entrance to Lea Valley Park – west side of carriageway	Footpath improvement		Oct 2014	Cllr RG		In validation
52	LEPP142072	NEW	Waltham Abbey	Fountain Place, Waltham Abbey, beside the Old Spotted Cow PH	Prevent vehicles obstructing gateway		Oct 2014	Cllr RG		In validation
53	LEPP142077	NEW	Waltham Abbey	Honey Brook/ 31 Woodbroke Gardens	Request for bollards to prevent obstruction		Nov 2014	Cllr RG		In validation
54	LEPP142073	NEW	Upshire	Horseshoe Hill,	Pedestrian crossing point requested		Oct. 2014	Cllr RG		In validation

**Report 5 ECC/Epping Forest District LHP - Potential Scheme List 2014-15**

Ref No.	Scheme code	NEW	Town	Location	Description	Est. Budget	Requested date if known	Requested by	RAG	Status
	new info				<b>HLO</b>	Highways Liaison Officer				
<b>Green</b>	meets policy				<b>PIC</b>	Personal Injury Collisions				
<b>Amber</b>	requires further information				<b>VAS</b>	Vehicle Activated Sign				
<b>Red</b>	against policy				<b>SID</b>	Speed Indicator Device				
<b>CM</b>	Cabinet Member				<b>EH</b>	Essex Highways				
<b>TRO</b>	Traffic Regulation Order				<b>ITS</b>	Integrated Traffic Systems & Congestion Team				
<b>D&amp;C</b>	Design & Consultancy				<b>PT</b>	Passenger Transport				

This page is intentionally left blank