

## EPPING FOREST DISTRICT COUNCIL LOCAL HIGHWAYS PANEL MEETING AGENDA

<b>Date:</b>	20 <sup>th</sup> March 2019
<b>Time:</b>	17:00
<b>Venue:</b>	25 Hemnall Street Epping CM16 4L
<b>Chairman:</b>	Cllr V Metcalfe
<b>Panel Members:</b>	Cllr C Whitbread (Vice Chairman, Cllr C Pond, Cllr R Gadsby, Cllr A Jackson, Cllr M McEwen, Cllr G Mohindra, Cllr P Keska (EFDC), Cllr C Roberts (EFDC), Cllr E Webster (EFDC) Barbara Scruton (Parish Representative)
<b>Attendees:</b>	Cllr S Kane (EFDC) Cllr Nigel Avey (EFDC)
<b>Officers:</b>	Essex Highways Officer Sarah Alcock- Highway Liaison Officer Essex Highways Officer David Gollop- Design Manager North Essex Parking Partnership – Paul Seabright – Area Manager EFDC Kim Durrani, Assistant Director
<b>Secretariat:</b>	Jackie Leither (EFDC)

Page	Item	Subject	Lead	Paper
	1	Welcome & Introductions	Chairman	Verbal
	2	Apologies for Absence Declarations of Interest	Chairman	Verbal
1-10	3	Minutes of meeting held on 23 <sup>rd</sup> January 2019 to be agreed as a correct record	Chairman	
	4	Matters Arising from Minutes of the previous meeting	Chairman	Verbal
11-18	5	Approved Works Programme	HLO	Report 1
19-38	6	Potential Schemes List for consideration of the Panel in 2019-20 <ul style="list-style-type: none"> <li>• Direct Delivery Discussion</li> </ul>	HLO	Report 2
39-47	7	Appendix (for information) <ul style="list-style-type: none"> <li>• Safer Road Schemes 2019-20</li> <li>• Surveys and VAS repairs</li> <li>• Highways Rangers</li> <li>• Section 106 Schemes</li> </ul>	HLO	Verbal
	8	Any other business <ul style="list-style-type: none"> <li>• LHP Paperwork Discussions</li> </ul>	Chairman	Verbal
	9	Date of next meeting: TBC	Chairman	Verbal



## Epping Forest District LOCAL HIGHWAYS PANEL MINUTES

23 January 2019 – 17.00-18.20

Committee Room 2, Epping Forest District Council Civic Offices

<b>Chairman:</b>	Councillor V Metcalfe (ECC)
<b>Panel Members:</b>	Councillor C Whitbread (Vice Chairman (ECC)) Councillor A Jackson (ECC) Councillor C Pond (ECC) Councillor P Keska (EFDC) Councillor G Mohindra (EFDC) Councillor C Roberts (EFDC) Councillor E Webster (EFDC) Councillor B Scruton (Epping Town Council)
<b>Other Councillors:</b>	Councillor N Avey (EFDC) Councillor S Kane (EFDC)
<b>Officers:</b>	S Alcock – Highways Liaison Officer, Essex Highways Q Durrani – Assistant Director (Technical), EFDC
<b>Secretariat:</b>	J Leither, Democratic Services Officer, EFDC
<b>Guests:</b>	I Henderson, Essex Highways D Gollop, Essex Highways P Seabright, North Essex Parking Partnership (NEPP)

Item		Owner
1.	<p><b>Welcome and Introductions</b></p> <p>The Chairman, Councillor V Metcalfe had tendered her apologies for the meeting and the Vice-Chairman, Councillor C Whitbread assumed the role of Chairman for the meeting.</p> <p>The Chairman welcomed Members, Officers and Guests present and asked that everyone formally introduce themselves.</p>	
2.	<p><b>Apologies</b></p> <p>Apologies had been received from Councillor V Metcalfe, Councillor N Avey, Councillor R Gadsby and Councillor C Roberts.</p> <p><b>Declarations of Interest</b></p> <p>There were no declarations of interest pursuant to the Council's Code of Member Conduct.</p>	

3.	<p><b>Minutes</b></p> <p><b>RESOLVED:</b></p> <p>That the minutes of the meeting held on 26 September 2018, be agreed by the Panel as a true record.</p>	
4.	<p><b>Matters Arising from Minutes of the previous meeting</b></p> <p>Councillor CC Pond referred to the previous minutes of the meeting held on 26 September 2018 where he had been in touch with LRT and they had agreed for the buses to be diverted so that the works could be done during the day. Since then LRT have had a change of staff and this would need to be confirmed with them again.</p>	SA
5.	<p><b>2019/20 Casualty Reduction Schemes briefing</b></p> <p>The Chairman welcomed I Henderson from Essex Highways who was attending to brief the committee on Casualty Reduction Schemes.</p> <p>I Henderson advised that road safety engineering function had the primary aim of reducing the risk of collisions on the road network by implementing a range of low-cost improvements. Three collisions with the same trend/pattern were analysed before any remedial actions were taken. A report was then prepared and presented to Councillor Bentley at the end of the year for the work to be approved.</p> <p>The guidance for any road remedial works to be undertaken in the District were measured in cluster sites for collisions:</p> <ul style="list-style-type: none"> <li>• 4 collisions in a 50 metre radius in urban areas; and</li> <li>• 3 collisions in a 250 metre radius in rural areas.</li> </ul> <p>Information would be gathered from Police records for identified collision patterns at cluster sites. The Police would also categorise the collisions into one of three categories, fatal, serious or slight.</p> <p><b>(a) Location: B170 Palmerston Road j/w Victoria Road, Buckhurst Hill</b></p> <p>The cluster site collision information had identified 3 serious collisions and 3 slight collisions from 01/01/2015-31/12/2017.</p> <p>A study of the personal injury conditions at this location showed a pattern of vehicles turning into or out of Victoria Road across oncoming vehicles on Palmerston Road and failing to give way to traffic on Palmerston Road.</p> <p>To permit safer turning movements into and out of Victoria Road from Palmerston Road, it was proposed to provide a 'Yellow Box' marking at the junction of Palmerston Road and Victoria Road. To raise awareness of the junction it was also proposed to install advanced 'Crossroad Ahead' warning signs on the Palmerston Road approaches and to install a 'Give Way' sign on Stradbroke Grove and refresh all carriageway markings through the junction.</p>	SA

Councillor C Pond highlighted that buses serving Buckhurst Hill Station did not have enough room to manoeuvre on the station forecourt due to the amount of cars parked there and parking enforcement was needed looking at.

Parking restrictions at the junction itself was also discussed with the NEPP representative.

**(b) Location: B194 Waltham Road near j/w Laundry Lane, Nazeing**

The cluster site collision information had identified 3 serious collisions and 2 slight collisions from 01/01/2015-31/12/2017.

A study of the personal injury conditions at this location showed a pattern of vehicles losing control and colliding with other vehicles or roadside objects.

Three collisions involved south-west bound vehicles and two involved north-east bound vehicles. To encourage lower approach speeds it was proposed to raise awareness of the junction by providing an advanced 'Side Road Ahead' warning with 'Reduce Speed Now' sub-plates on both the B194 approaches. It was also proposed to provide 'Verge Marker Posts' through the junction to guide road users through the junction bends.

**(c) Common Road j/w B181 Epping Road, Epping**

The cluster site collision information had identified 1 serious collision and 6 slight collisions from 01/01/2015-31/12/2017.

A study of the personal injury conditions at this location showed a pattern of failing to give way turning right out of Common Road into the path of oncoming traffic and nose-to-tail collisions on the northbound approach to the junction.

To provide northbound road users, on Common Road, with suitable advanced warning of the junction ahead and encourage appropriate approach speeds. It was proposed to replace the existing Give Way sign on a yellow backing (on Common Road) which had become faded and to clear all vegetation from traffic signs on all approaches. A high proportion of the collisions occurred in wet/damp conditions. A study of the 2018 carriageway condition shows the skidding resistance of two of the approaches to be 'Below Investigatory Level', which suggests that the junction should be treated to reduce the approach to a single lane exit.

**(d) A113 London Road / Romford Road, Little Colemans**

The cluster site collision information had identified 1 serious collision and 3 slight collisions from 01/01/2015-31/12/2017.

A study of the personal injury conditions at this location showed a pattern of vehicles losing control as they negotiated the bends. Forward visibility of oncoming traffic was restricted by the alignment of the carriageway and the adjacent vegetation.

To permit safer movements through the bends, it was proposed, to provide enhanced double bend warning signs on yellow backing with advisory maximum

speed 30mph sub-plates on both approaches to encourage lower entry speeds. It was also proposed to provide back-to-back chevron signs on the northbound approach to the bends and clear all adjacent vegetation from sign locations. A study of the carriageway condition showed deficiencies in the skidding resistance of the carriageway surface, it was therefore proposed to resurface the carriageway through the extents of the bends.

It should be noted that there had recently been a fatal collision of the same nature at this location, whilst it was not included within this study, it was an indication of an ongoing problem at this location.

**(e) B172 Coppice Row j/w Loughton Lane, Theydon Bois**

The cluster site collision information had identified 1 serious collision and 6 slight collisions from 01/01/2015-31/12/2017.

A study of the personal injury conditions at this location showed a pattern of drivers failing to give way to oncoming traffic when turning from Loughton Lane onto B172 Coppice Row.

To provide north eastbound road users improved visibility when exiting from Loughton Lane onto the B172 Coppice Row and help prevent masking of westbound traffic on Coppice Row, it was proposed to provide the following measures to reduce the number of casualties at this location:

- Move the Give Way line on Loughton Lane and adjust the kerb line;
- Relocate the parking facilities on Loughton Lane further south; and
- Relocate the Give Way sign in Loughton Lane

**(f) A113 Abridge Road j/w entrance to Nuffield Health Fitness & Wellbeing, Chigwell**

The cluster site collision information had identified 1 fatal collision, 1 serious collision and 2 slight collisions from 01/01/2014-30/06/2017.

A study of the personal injury conditions at this location showed a pattern of vehicles exiting the access and colliding with northeast bound traffic on Abridge Road (A113).

To provide improved inter-visibility between approaching vehicles and vehicles exiting the access by cutting back the overhanging vegetation. It was also proposed to improve the conspicuity of the access by providing centre hatching and to leave a gap at the junction with the access. An alternative solution was to widen the carriageway sufficiently to allow the give way to be brought forward and provide improved inter-visibility. Councillor Mohindra also raised the enquiry as to whether the speed limit could be reduced to 40mph along this section.

Councillor G Mohindra asked who paid for the casualty reduction schemes.

	<p>The HLO advised that the casualty schemes were funded from the capital budget.</p> <p>I Henderson stated that it was a statutory duty to research and improve collisions that happen on the roads.</p> <p>Councillor G Mohindra said that safety works should not come out of the EF LHP funds especially now as EFDC co-fund, this should be taken to Councillor Bentley as principal money should not come into safety issues.</p> <p>Councillor A Jackson said recently speed checks had been set up outside his home by way of a pneumatic tube counting system and when motorists saw this they slowed down to the 30mph speed limit. At other times vehicles, especially motorbikes would travel down that stretch of road between 70-80mph. Therefore, no action was taken as the speeds recorded were not unduly high. Would the panel agree to see if alternative measures could be put in place to record the high speeds along that stretch of road.</p> <p>The HLO advised that the pneumatic tubes collect data in a series of 15 minute bins which took the average speed of vehicles that cross the tube, therefore if one car crosses at 70mph and the next five cross at 25mph the mean average would be taken and this would provide the data.</p>	
<p><b>6.</b></p>	<p><b>Approved Works Programme 2017/18 and 2018/19</b></p> <p>The HLO updated Members on the schemes and advised that the feasibility studies for the schemes highlighted in green had been completed.</p> <p>LEPP172005 – District Wide Finger Posts. The HLO advised that the order for the scheme had been place in February 2018 and only one of the nine ordered had been delivered. The new anticipated delivery should be by the end of January 2019. Concerns have been raised regarding the supplier’s delay in delivering the order and alternative suppliers were being sourced for future orders.</p> <p>Councillor C Whitbread asked if the old iron posts should be listed. Councillor C Pond stated that they should be locally listed and he would progress this.</p> <p>LEPP152001 – Church Road, Buckhurst Hill. This scheme was for a one way system but would not be proceeding due to there being the A104 Epping New Road running one end and the A121 High Road running the other end.</p> <p>LEPP162065 – Pic Hill, Waltham Abbey, one way system. There was an informal consultation with residents of options being considered and the results would be detailed in the feasibility study that was due to be completed by the end of February 2019.</p> <p>LEPP142011 – War Memorial, Lindsey Street, Epping, junction improvements. Officers met with the City of London to discuss how to progress this with representatives from the Town Council also in attendance. This land belongs to the City of London and they require a land swap at a ratio of 1:10 of adjacent</p>	<p><b>SA</b></p>

	<p>land to the Forest. ECC and Essex Highways do not have the land required, therefore this scheme was not viable to progress.  This scheme should therefore be cancelled but this would have to be a Panel decision. Members agreed that as this scheme had been designed that they would put it on hold until such time the land becomes available in the future.  The HLO advised that any further discussions with the City of London would need to be had a political level as this was not something that EssexHighways could progress any further as the City of London made it clear at the meeting they would not relax the land swap ration of 1:10.</p> <p>LEPP133015 – Hemnall Street, Epping, Footway. The draft feasibility study had been completed and was currently being reviewed. Early indications suggest that that this scheme cannot progress and may no longer be viable as the land required to install a footway belonged to the City of London and currently we were unable to meet their demands of their required land swap of 1:10.</p> <p>LEPP162011 – Forest Road j/w Smarts Lane, Loughton, Parking restrictions. The TRO process had been started, however, may not be completed by the end of March 2019 as it had the potential to receive objections which may lengthen the process as all objections would have to be considered.</p> <p>LEPP142039 – Pyrles Lane, Chester Road, Hillyfields, implementation of a speed table. The budget adjustment had been agreed by the Panel and the works to deliver this scheme have been scheduled for the school half term in February 2019.</p> <p>LEPP162014 – Lower Road, Loughton, No entry. The design element has been completed and were waiting on targets costs to be provided to deliver this scheme in 2019/20.</p> <p>LEPP162016 – Mott Street, Waltham Abbey, HGV signage. The signage was installed in August 2018 at Mott Street j/w Sewardstone Road. Land issues were currently being resolved to install signage on Avey Lane end. This could then be passed on to the Direct Delivery Gang for installation.</p> <p><b>Safer Road Schemes</b></p> <p>LEPP181001 – Chigwell Lane A1168 M11 Motorway, Loughton. The new design of this scheme had been completed and objections from County Members had now been withdrawn, this scheme can now progress. Highways England will close the slip road in April 2019 to resurface the carriageway, therefore it would make sense for these works to be done at the same time. This was yet to be confirmed.</p> <p><b>Direct Delivery Schemes</b></p> <p>LEPP173004 – Harlow Road, Matching Tye – signage. The Panel agreed at its meeting in September 2018 to add this scheme onto the approved works programme.</p> <p>LEPP172022 – Stonards Hill j/w Alderton Way – Bollards. The Panel agreed at its meeting in September 2018 to add this scheme onto the approved works programme.</p>	<p>SA</p> <p>SA</p>
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	<p>LEPP183001 – Ivy Chimneys – Dropped Kerbs. The Panel agreed at its meeting in September 2018 to add this scheme onto the approved works programme.</p> <p>LEPP183002 – Maddells, Epping – Dropped kerb. The Panel agreed at its meeting in September 2018 to add this scheme onto the approved works programme.</p> <p><b>Match Funding</b></p> <p>LEPP162028 – Willingale Road, Loughton – Traffic Management Improvements. The Panel agreed at its meeting in September 2018 to add this scheme onto the approved works programme.</p> <p>LEPP172008 – Waltham Road j/w St Leonards Road, Waltham Abbey/Nazeing – Signing and lining. The Panel agreed at its meeting in September 2018 to add this scheme onto the approved works programme.</p> <p>LEPP172035 – Roebuck Lane, Buckhurst Hill – Speed tables. The Panel agreed at its meeting in September 2018 to add this scheme onto the approved works programme.</p> <p>LEPP162061 – Hoe Lane, Nazeing – Traffic management improvements. The Panel agreed at its meeting in September 2018 to add this scheme onto the approved works programme.</p> <p>LEPP 172007 – B194 Waltham Abbey to Bumbles Green, Waltham Abbey/Nazeing – Replace all 50mph repeater signage, replace missing chevron, signing and lining. The Panel agreed at its meeting in September 2018 to add this scheme onto the approved works programme.</p> <p>LEPP172001 – B181 Upland Road, Epping Upland – carriageway widening. The Panel agreed at its meeting in September 2018 to add this scheme onto the approved works programme.</p> <p>LEPP172006 – A112 Sewardstone Road (Dowding Way, Waltham Abbey to Baden Drive, Gilwell Hill) – Improve the signing and lining to highlight speed limits, bends and junctions along this busy route. The Panel agreed at its meeting in September 2018 to add this scheme onto the approved works programme.</p> <p><b>RESOLVED:</b></p> <p>(1) That the Panel noted the Approved works programme for 2018/19 and 2019/20; and</p> <p>(2) Councillor C Pond would progress getting the old iron fingerposts across the district locally listed.</p>	<b>SA</b>
<b>7.</b>	<p><b>Potential Capital Schemes 2019/20</b></p> <p>The HLO advised that Members should look at all of the potential schemes that were in validation and email her with what they felt were the most important</p>	

	<p>schemes that the Panel would wish to take forward so that they can come to the March 2019 panel.</p> <p>The Panel were asked to look at all the schemes that were in red to decide what could be removed.</p> <p>The HLO stated that she had been advised LEPP182022 – Lechmere Avenue, Chigwell and LEPP182024 Colebrook Path, Loughton were to be removed.</p> <p>LEPP 152086 – The Broadway, Loughton. Councillor Mohindra stressed that work was needed to be done to the central reservation to keep the grassed area looking tidy.</p> <p>The HLO advised that this scheme was waiting for validation.</p>	
<p><b>8.</b></p>	<p><b>Speed Surveys and VAS Repairs</b></p> <p>The HLO advised that the speed surveys as tabled on pages 37-39 of the agenda had been completed.</p> <p><b>Section 106 Programme 2018/19</b></p> <p>Passenger transport improvements – Cartersfield Road development. This scheme has now been completed.</p> <p><b>Walking</b></p> <p>The Panel did not have any comments.</p> <p><b>Public Rights of Way</b></p> <p>The Panel did not have any comments.</p> <p><b>Cycling</b></p> <p>The Panel did not have any comments.</p>	
<p><b>9.</b></p>	<p><b>Any Other Business</b></p> <p>Councillor Jackson advised that a move to change disused farmyards into estates was widespread in the division. Estates get expanded again and again and this had over 21,000 vehicle movements a day. Why are Essex Highways are not determining the saturation of the highway as more and more developments are added?</p> <p>Mr Gollop advised the function of reviewing planning applications sits outside Essex Highways. It is undertaken by ECC Development Team and follows the statutory guidelines.</p> <p>Cllr Jackson said that the Panel members should put the question up to Councillor Bentley</p>	

	<p>Councillor Pond advised that there was a low bridge in Roding Road, Loughton the bridge had a height of 13ft 3ins and had suffered a few hits over the years. The signs were not visible enough and needed looking into with the possibility of installing a height detection.</p> <p>Mr Gollop from Essex Highways stated that if a vehicle were to activate the height detection they would then have nowhere to go as there was nowhere for a large vehicle to turn. It would be possible to look at the bridge and bring options to the panel.</p> <p>Councillor Pond asked if this scheme could be added to the Potential Schemes list for 2019/20.</p> <p><b>RESOLVED:</b></p> <p>(1) That a question be put to Cllr Bentley how more could be done to determine the saturation of the highway as more and more developments are added</p> <p>(2) That a scheme be added to the Potential Schemes list for 2019/20 regarding the low bridge in Roding Road, Loughton and how to make the signs more visible.</p>	
<p><b>10.</b></p>	<p><b>Date of Next Meeting</b></p> <p>The next meeting of the Epping Forest District Local Highways Panel would be Wednesday 20 March 2019 at 5.00pm. <b>Please note the change of venue</b> to 25 Hemnall Street, Epping CM16 4LU (next to the Epping Sports Centre).</p>	



## EPPING FOREST DISTRICT COUNCIL WITH ESSEX COUNTY COUNCIL LOCAL HIGHWAY PANEL – 20<sup>th</sup> MARCH 2019 REPORT 1 – APPROVED SCHEMES UPDATE

The following report provides an update on the current position of all of the schemes which the Epping Forest Panel Members had recommended for inclusion in the 2018/19 programme.

The Essex Highways Design Team are working to deliver these schemes as soon as possible, though the match funded schemes will need to roll over into 2019/20.

The following sheets have been split into: -

- **Approved Schemes – Prioritised for delivery in 2017/18**
- **Approved Schemes – Prioritised for delivery in 2018/19**
- **Approved Schemes – Safer Road Schemes for delivery in 2018/19**
- **Approved Schemes – Direct Delivery Schemes**
- **Approved Schemes – Match Funding Schemes**

Members are also reminded that the costs supplied are estimates only and there is the possibility that a final scheme cost could change significantly dependant on issues which may arise especially during detailed design and construction. The estimated scheme costs on the Potential Scheme List are periodically reviewed and adjusted as necessary to reflect this.

<b>Budget summary 2018-19</b>	
<b>Total Capital Budget (including £100,000 ECC and £100,000 EFDC match funding)</b>	<b>£549,774</b>
Schemes commissioned for 2018/19	£309,500
Safer Roads Schemes	£49,000
Match funding Schemes	£194,500
Direct Delivery Schemes with savings	(£44,500)
<b>Total Value of Commissioned Schemes</b>	<b>£553,000</b>
2018/19 Capital Budget still to allocate	-£3,226



**Epping Forest District Local Highway Panel - Approved Works Programme**

Schemes Key	Completed	Cancelled	Update
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**Approved Schemes - Prioritised for 2017/18 delivery**

Ref	Cost Code	Scheme	Raised by	Parish	Finish	Scheme Stage	Works Description	Allocated Budget	Comments
1	LEPP172005	District wide fingerposts	Theydon Bois Parish Council	Epping Forest	Mar-19	Total Scheme	Improvements to fingerposts within the Epping Forest District	£9,000	Only one fingerpost has been delivered from this commission and we are still awaiting the delivery of the other eight.

**Approved Schemes - Prioritised for 2018/19 delivery**

Ref	Cost Code	Scheme	Parish	Finish	Scheme Category	Scheme Stage	Works Description	Allocated Budget	Comments
2	LEPP165004	Bushfields, Loughton - 1500IM399B (Parkmead) - PT	Loughton	Sep-18	Passenger Transport	Total Scheme	Install metal bus shelter	£8,500	Completed.
3	LEPP152001	Church Road, Buckhurst Hill - One-way	Buckhurst Hill	Jan-19	Traffic Management	Design	Design and letter drop for informal consultation with residents for possible one way system	£2,000	Cancelled.
4	LEPP162065	Pick Hill, Waltham Abbey - One-way	Waltham Abbey	Mar-19	Traffic Management	Feasibility	To look at the feasibility of Pick Hill being made a one way	£7,000	Draft feasibility completed awaiting feedback from City of London and target costs.
5	LEPP162003	Church Lane and Harlow Road Sheering - Signage	Sheering	Oct-19	Traffic Management	Total Scheme	3x advanced signs to be installed on the approaches to Church Lane - unsuitable for HGV's	£11,500	Completed.
6	LEPP162024	A113 Romford Road - Drainage	Stanford Rivers	Oct-18	Traffic Management	Total Scheme	Drainage works	£21,000	Completed.
7	LEPP142011	War Memorial Lindsey Street, Epping - Junction improvements	Epping	Jan-19	Traffic Management	Design	Change link road fronting war memorial to footway and associated junction improvements at Lindsey Street/High Street	£7,000	Design completed however cannot progress to implementation due to the City of London land swap ratio of 1:10 ECC and Highways cannot meet this demand.
8	LEPP182001	Coopersale Street, bend 200m south east of Houblons Hill - Signing improvements	Epping	Mar-19	Traffic Management	Design	Land dedication arrangements to facilitate the installation of signing improvements at the bend	£6,500	Land dedication arrangements completed, design and implementation of signs can now proceed in 2019/20 subject to panel approval.

**Epping Forest District Local Highway Panel - Approved Works Programme**

Schemes Key	Completed	Cancelled	Update
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**Approved Schemes - Prioritised for 2018/19 delivery (continued)**

Ref	Cost Code	Scheme	Parish	Finish	Scheme Category	Scheme Stage	Works Description	Allocated Budget	Comments
9	LEPP133015	Hemnal Street, Epping - Footway	Epping	Jan-19	Walking	Feasibility	To look at feasibility of installing a footway and dropped kerbing as there is currently no footpath and pedestrians including school children are walking in the road	£6,500	Feasibility completed, however this scheme cannot progress and may no longer be viable as the land required to install a footway belongs to the City of London and currently we are unable to meet the demands of their required land swap of 1:10.
10	LEPP162011	Forest Road j/w Smarts Lane, Loughton - Parking restrictions	Loughton Central and Loughton South	Mar-19	Traffic Management	Implementation	2) Install double yellow line restriction just passed the priority working 3) Install junction protection markings at Smarts Lane to prevent vehicles parking on the junction	£20,000	TRO process has been started, however this may not be completed by the end of March 2019 as it has the potential to receive objections that may lengthen this process as all objections have to be considered.
11	LEPP162069	Dobbs Weir, Roydon - Footway	Roydon	Feb-19	Traffic Management	Feasibility	A feasibility study to investigate if a footway between Eldon Road and Lee Valley Regional Park Authority entrance is feasible	£7,000	Completed.
12	LEPP173003	Garnon Mead/Garnon Bushes Pathway - Footway	Epping	Feb-19	Walking	Design	Request for footway from the corner of Garnon Mead, Coopersale, near Epping, passed the Garnon Bushes Public House to join the existing footpath	£7,000	Design with target costs completed. Awaiting results of trial holes to ensure there are no stans in the vicinity of the required excavation site to install this footway.
13	LEPP163001	Church Lane to The Rabbits bus stop - Footway	Stapleford Abbots	Mar-19	Walking	Design	Request for a footpath to make access to The Rabbits bus stop easier for residents that live down Church Lane	£7,000	Completed.
14	LEPP175006	Outside Stewards Green - Bus shelter	Epping	Jul-18	Passenger Transport	Total Scheme	Install wooden bus shelter	£13,000	Completed.
15	LEPP175005	Opposite Carpenters Arms, Thornwood - Bus shelter	Epping	Sep-18	Passenger Transport	Total Scheme	Install metal bus shelter	£8,000	Completed.
16	LEPP142039	Pyrles Lane, Chester Road, Hillyfields - Implementation of a speed table	Loughton	Feb-19	Traffic Management	Implementation	Speed Table - replace with new material to current specification Signing improvements, replace guard railing	£58,500	Completed.
17	LEPP172005	District Wide Fingerposts	District Wide	Mar-19	Traffic Management	Total Scheme	Further improvements to fingerposts within the Epping Forest District	£12,000	The delivery of this scheme by the end of March 2019 is at risk due to issues with supplier who has not delivered the finger posts from last financial year. New supplier has been added to the supply chain list and order can be placed. This needs panel approval to progress.
18	LEPP162066	Forest Lane j/w New Forest Lane & Manor Road - Junction improvement	Chigwell	Mar-19	Traffic Management	Feasibility	Request to look into safety improvements at the junction	£7,000	Awaiting completion of this feasibility report and target costs.
19	LEPP172034	Piercing Hill Theydon Bois - Traffic calming	Theydon Bois	Jan-19	Traffic Management	Total Scheme	Request for traffic calming measures to reduce speed of vehicles	£20,000	Completed.



**Epping Forest District Local Highway Panel - Approved Works Programme**

Schemes Key	Completed	Cancelled	Update
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**Approved Schemes - Prioritised for 2018/19 delivery (continued)**

Ref	Cost Code	Scheme	Parish	Finish	Scheme Category	Scheme Stage	Works Description	Allocated Budget	Comments
20	LEPP172033	Loughton Lane & Debden Lane Theydon Bois - Traffic calming	Loughton	Mar-19	Traffic Management	Design	Detailed design for traffic calming measures to include 1) Installation of VAS 2) Review of current 30 mph repeater signs 3) Installation of 30 mph roundels	£20,000	Awaiting the completion of the design so can be share with County Member and Parish Council. VAS has been ordered from this years allocated budget.
21	LEPP162014	Lower Road, Loughton - No entry	Loughton	Mar-19	Traffic Management	Design	Recommendations from feasibility study to implement a no entry to southbound traffic at the junction with A121 Goldings Hill and Goldings Road	£6,000	The design element is complete now waiting for target costs to be provided to deliver this scheme in 2019/20.
22	LEPP162064	HGV Routing for Lea Valley Glasshouses	Epping Forest	Mar-19	Traffic Management	Total Scheme	To implement scheme proposal 4.4 from feasibility study Advisory Lorry Route Signing, to amend and install new lorry route signage.	£18,000	Works due to commence last week of March.
23	LEPP162016	Motts Street, Waltham Abbey - HGV signage	Waltham Abbey	Feb-19	Traffic Management	Total Scheme	Recommendations from feasibility study to update and implement signage to advise that roads are unsuitable for HGV.	£19,000	Completed.
24	LEPP162027	Tidy's Lane, Epping - Traffic management improvements	Epping	Jan-19	Traffic Management	Total Scheme	Recommendations from feasibility study to realign the junction by creating a larger carriageway area and increasing the kerb line radius.	£17,000	Completed.

**Approved Schemes- 2018/19 Delivery - Safer Road Schemes**

Ref	Cost Code	Scheme	Parish	Finish	Scheme Category	Scheme Stage	Works Description	Allocated Budget	Comments
25	LEPP181001	Chigwell Lane A1168 M11 Motorway	Loughton	Mar-19	Safer Roads	Design Only	Reduce northbound section of Chigwell Lane to single carriageway	£7,000	New design completed and the objections from County Members withdrawn so scheme can progress. However, due to the delays this scheme cannot be delivered in 2018-19 and will need to be delivered from the 2019-20 capital budget.
26	LEPP181002	A113 Abridge Road j/w entrance to Virgin Active	Chigwell	Mar-19	Safer Roads	Design	Junction realignment and carriageway lining	£7,000	
27	LEPP181003	Two Gates Tylers Road Location 500m West of j/w B181	Roydon	Mar-19	Safer Roads	Total Scheme	Install bend ahead, horse warning sign and chevron signs	£15,500	Awaiting confirmation of completion date.
28	LEPP181004	A414 j/w Blake Hall Road, Lower Bobbingworth Green	Ongar	Sep-18	Safer Roads	Total Scheme	Install verge marker posts	£15,500	Completed.
29	LEPP181005	High Road, j/w Upland Road B1393 Upland Road	Epping	Feb-19	Safer Roads	Total Scheme	Install side road ahead warning sign	£4,000	Completed.

**Epping Forest District Local Highway Panel - Approved Works Programme**

<b>Schemes Key</b>	<b>Completed</b>	<b>Cancelled</b>	<b>Update</b>
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**Approved Schemes 2018/19 - Direct Delivery Schemes**

Ref	Cost Code	Scheme	Parish	Finish	Scheme Category	Scheme Stage	Works Description	Allocated Budget	Comments
30	LEPP173004	Harlow Road, Matching Tye - Signage	Matching Tye	Mar-19	Walking	Total Scheme	School ahead warning sign	£5,500	Completed.
31	LEPP172022	Stonards Hill j/w Alderton Way - Bollards	Buckhurst Hill	Mar-19	Traffic Management	Total Scheme	Bollards along the verge at the junction with Stonnards Hill and Alderton Way	£5,500	Completed.
32	LEPP183001	Ivy Chimneys - Dropped kerbs	Epping	Mar-19	Walking	Total Scheme	Two sets of dropped kerbs and tactile paving	£22,500	Completed.
33	LEPP183002	Maddells Epping - Dropped kerb	Epping	Feb-19	Walking	Total Scheme	Dropped kerb and tactile paving	£11,000	Completed.

**Approved Schemes - 2018/19 Match Funding**

Ref	Cost Code	Scheme	Parish	Finish	Scheme Category	Scheme Stage	Works Description	Allocated Budget	Comments
34	LEPP162028	Willingale Road, Loughton – Traffic Management Improvements	Loughton	Quarter 2 2019/20	Traffic Management	Total Scheme	Build out improvements	£20,000	
35	LEPP172008	Waltham Road j/w St Leonards Road - Traffic Management Improvements	Waltham Abbey/Nazeing	Quarter 2 2019/20	Traffic Management	Total Scheme	Signing and lining	£16,000	
36	LEPP172035	Roebuck Lane - Speed tables	Buckhurst Hill	Quarter 2 2019/20	Traffic Management	Informal consultation	Informal Consultation by HLO for removal of speed tables	£2,000	
37	LEPP162061	Hoe Lane, Nazeing - Traffic Management Improvements	Nazeing	Quarter 2 2019/20	Traffic Management	Implementation	Kerbs and appropriate drainage from Tayness and opposite Parkers Farm	£65,000	
38	LEPP172007	B194 Waltham Abbey to Bumbles Green - Traffic Management Improvements	Waltham Abbey/Nazeing	Quarter 2 2019/20	Traffic Management	Total Scheme	Replace all 50mph repeater signage, replace missing chevron signs & lining.	£30,000	

**Epping Forest District Local Highway Panel - Approved Works Programme**

Schemes Key	Completed	Cancelled	Update
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**Approved Schemes - 2018/19 Match Funding (continued)**

Ref	Cost Code	Scheme	Parish	Finish	Scheme Category	Scheme Stage	Works Description	Allocated Budget	Comments
39	LEPP172001	B181/Upland Road – carriageway widening	Epping Upland	Quarter 2 2019/20	Traffic Management	Implementation	Widening and signage	£43,500	
40	LEPP172006	A112 Sewardstone Road (Dowding Way, Waltham Abbey to Baden Drive, Gilwell Hill) - Traffic Management Improvements	Waltham Abbey	Quarter 2 2019/20	Traffic Management	Total Scheme	Improve the signing and lining to highlight speed limits, bends and junctions along this busy route	£18,000	



## EPPING FOREST DISTRICT COUNCIL WITH ESSEX COUNTY COUNCIL LOCAL HIGHWAY PANEL – 20<sup>th</sup> MARCH 2019 REPORT 2 – POTENTIAL CAPITAL SCHEMES

It has been confirmed that the 2019/20 Capital budget for the Epping Forest District LHP will be the same as that in 2018/19 (£349,774).

There are six new Casualty Reduction schemes in the Epping Forest District which will need to be funded from the 2019/20 Capital Budget and one reprofiled scheme from the 2018-19 programme so this figure is subject to change once the costs have been confirmed. It will also be necessary to give consideration to funding any other project which was not been completed in 2018-19.

Budget summary 2019-20	
Capital Budget (TBC)	£349,774
Re-profiled schemes from 18/19 to 19/20	TBC
Safer Roads Schemes	£99,000

Members are therefore invited to commence prioritising schemes for delivery in 2019/20. As with previous years a mix of feasibility studies and physical works are recommended to help build a deliverable programme.

The Direct Delivery Gang in 2018/19 achieved cost savings on smaller works for the Local Highway Panels. We would like the panel to consider capitalising on this for 2019/20 by recommending to commission 10% or less of the budget to cover smaller works supported by the County Member which could be delivered quickly by the direct delivery team. We would aim to deliver these schemes within a 3-6-month period. To do this we ask the panels permission to agree in advance any scheme which falls under the direct delivery category and for this to be delivered under Chairman's approval.

Costs supplied are estimates only and there is the possibility that a final scheme cost can change significantly dependant on issues which may arise during detailed design and construction.

The value of the schemes currently on the potential list stands at £582,000 with further value set to be added upon the completion of outstanding feasibility studies and validations.

The breakdown of scheme types available for consideration in 2019/20 is as below:

Scheme Type	Total Estimated Costs
Traffic Management	£201,000
Walking	£122,500
Public Rights of Way	£258,500
Cycling	£0
<b>Total</b>	<b>£582,000</b>

The RAG column acknowledges what the status of the request is as follows:

<b>G</b>	The scheme has been validated as being feasible and is available for consideration
<b>A</b>	The scheme has previously been approved for a feasibility study and the results are awaited before the scheme can be fully considered
<b>R</b>	A scheme request has been received but is against ECC policy or there is no appropriate engineering solution
<b>V</b>	A scheme request has been received and is in the initial validation process



**Appendix 1  
Safer Roads Schemes for 2019-20**

<b>Total Value of schemes</b>	<b>£99,000</b>
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated Cost	Comments
1	Chigwell Lane A1168 M11	Reduce northbound section of Chigwell Lane to single carriageway	Loughton	Implementation	LEPP181001	£36,000	Reprofiled scheme from 2018-19 that couldn't be delivered due to delays in County Member agreement to design of the scheme.
2	A113 Abridge Road jw Entrance to Virgin Active	Design the junction realignment and carriageway lining element and extend the 40mph limit further east past the junction with top Golf	Chigwell	Implementation	LEPP181002	£15,000	Validation by Safer Roads Team, scheme discussed at the January 2019 Panel meeting
3	B194 Waltham Road nr jw Laundry Lane	To encourage lower approach speeds it is proposed to raise awareness of the junction 1) Install advanced 'Side Road Ahead' warning with 'Reduce Speed Now' sub-plates on both B194 approaches 2) Install 'Verge Marker Posts' through the junction to guide road users through the junction bends	Nazeing	Total scheme	LEPP191001	£6,000	Validation by Safer Roads Team, scheme discussed at the January 2019 Panel meeting
4	B170 Palmerston Road jw Victoria Road, Buckhurst Hill	To raise awareness of the junction it is proposed 1) Install a 'Yellow Box' marking at the junction 2) Install advanced 'Crossroad Ahead' warning signs on both Palmerston Road approaches 3) Install a Give Way sign on Stradbroke Grove 4) Refresh all carriageway markings through the junction	Buckhurst Hill	Total scheme	LEPP191002	£8,000	Validation by Safer Roads Team, scheme discussed at the January 2019 Panel meeting
5	A113 London Road / Romford Road, Little Colemans	1) Install enhanced Double Bend warning signs on yellow backing with advisory 'Max Speed 30mph' sub-plates on both approaches 2) Install back-to-back chevron signs on the northbound approach to the bends 3) Clear all adjacent vegetation from sign locations 4) Resurface the carriageway through the extents of the bends	Stanford Rivers	Total scheme	LEPP191003	£6,500	Validation by Safer Roads Team, scheme discussed at the January 2019 Panel meeting



Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated Cost	Comments
6	Common Road jw B181 Epping Road	1) Replace the existing Give Way sign along Common Rd on a yellow backing which has become faded 2) Clear all vegetation from traffic signs on all approaches 3) Resurface the approaches with a high PSV surfacing 4) Move Give Way line on Common Road forward 5) Reduce Common Road to a single lane exit with nearside hatching	Roydon	Total scheme	LEPP191004	£7,000	Validation by Safer Roads Team, scheme discussed at the January 2019 Panel meeting
7	B172 Coppice Row jw Loughton Lane, Theydon Bois	1) Move the Give Way line on Loughton Lane and adjust kerb line 2) Relocate the parking facilities on Loughton Lane further south 3) Relocate the Give Way sign in Loughton Lane	Theydon Bois	Total scheme	LEPP191005	£20,500	Validation by Safer Roads Team, scheme discussed at the January 2019 Panel meeting

## Epping Forest District Speed Surveys and Revenue

Ref	Scheme name	Description	Problem	Parish	Allocated Budget
1	A113 London Road - Abridge	Automatic Traffic Count x2	Speeding concerns	Lambourne	£400
2	Honey Lane, Waltham Abbey	Automatic Traffic Count	Speeding concerns	Waltham Abbey	£200
3	Parklands, Waltham Abbey	Automatic Traffic Count x3	Speeding concerns along Parklands to Paternoster Hill	Waltham Abbey	£600
4	A121 Loughton High Road j/w The Drive and Brooklyn Avenue	<ul style="list-style-type: none"> <li>• Turning traffic count for all junction signalised approaches including Brooklyn Boulevard (shopping parade)</li> <li>• Pedestrian counts (07.00 to 19.00) at signalised crossings on 3 arms of junction (High Road SW, The Drive, Brooklyn Ave) and High Road standalone crossing NE of junction (o/s Morrisons)</li> <li>• 85th percentile traffic speed survey on all junction arms at 80m from stop lines</li> </ul>	The signalised junction causes huge congestion on the A121. Also concerns that the congestion causes air pollution from idling vehicles	Loughton	£2,380
5	Upland Road, North Weald	Automatic Traffic Count x3	Speeding concerns along Upland Road	North Weald	£600

## Epping Forest District Speed Surveys and Revenue

Ref	Scheme name	Description	Problem	Parish	Allocated Budget
6	Burney Drive	Degree of Pedestrian/Vehicle Conflict Survey	Request for zebra crossing	Loughton	£800
7	Meridian Way	Degree of Pedestrian/Vehicle Conflict Survey	Request for zebra crossing	Waltham Abbey	£800
8	Crown Hill, Upshire	Automatic Traffic Count x2	Speeding concerns through Upshire	Waltham Abbey	£400
9	Mill Street, Harlow Common, Hastingwood Road, North Weald	Automatic Traffic Count x3	Speeding concerns	North Weald	£600
10	Theydon Road - Theydon Bois	Automatic Traffic Count	Speeding concerns	Theydon Bois	£200
11	Church Road, Buckhurst Hill	Automatic Traffic Count	Speeding concerns	Buckhurst Hill	£200
12	Lower Forest Road, Thornwood	Automatic Traffic Count	Speeding concerns	Thornwood	£200
13	High Road, North Weald	Automatic Traffic Count	Speeding concerns	North Weald	£200
14	A128 Brentwood Road, Ongar	Automatic Traffic Count	Speeding concerns	Ongar	£200
15	Bridge Hill, Epping	Automatic Traffic Count x 2	Speeding concerns	Epping	£400
16	Old Shire Lane, Honey Lane, Farthingdale Lane and Stoney Bridge Drive, Waltham Abbey	HGV Survey	Concerns of HGV's parking inappropriately and damaging the highway	Waltham Abbey	£1,400

## Epping Forest District Speed Surveys and Revenue

Ref	Scheme name	Description	Problem	Parish	Allocated Budget
17	Hemnall Street , Epping	Automatic Traffic Count	Speeding concerns	Epping	£200
18	B1393 j/w Rye Hill Road	Automatic Traffic Count	Speeding concerns resulting in collisions of vehicles entering and exiting Rye Hill	Thornwood	£200
19	Bell Common Road	Automatic Traffic Count	Speeding concerns	Epping	£200
20	Lower Forest Road, B181 Epping Road	Automatic Traffic Count	Speeding concerns	North Weald	£200
21	A113, Stanford Rivers Dobbs Weir Road x 2 Hamlet Hill, Roydon	VAS repairs x 4	Faulty VAS	District Wide	£858
22	Lechmere Avenue	Automatic Traffic Count	Speeding Concerns	Chigwell	£200



DISTRICT	EPPING FOREST
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REF	Parish/Ward	Road Name	Location	Type of Work Required	Comments	Confirm Number	Date Requested	Date Completed	STATUS
EPP-19-01-001	Chigwell	MANOR ROAD	O/S 22	Roadsign Damaged	100 Yards Sign Facing Wrong Way	3302600	10/12/2018	29/01/2019	Completed
EPP-19-01-002	Waltham Abbey	FARM HILL ROAD	O/S 36a on post S7 approx 20m from Rochford Avenue	Roadsign Obscured or Dirty	Traffic Calming sign misaligned on post	3301923	10/12/2018	28/01/2019	Completed
EPP-19-01-003	Chigwell	MANOR ROAD	Opposite 148	Roadsign Obscured or Dirty	Width Restriction Sign facing wrong way	3302783	11/12/2018	29/01/2019	Completed
EPP-19-01-004	Waltham Abbey	NINEFIELDS	Approx 20m past j/w Paternoster Hill on l/c 1	Roadsign Obscured or Dirty	School sign obscured by vegetation	3303215	11/12/2018	29/01/2019	Completed
EPP-19-01-005	Nazeing	MIDDLE STREET	O/S 16 Long Green by Bus Stop Opp BT Exchange	Bollard Damaged	K/d concrete bollard---GCNE-	3306527	17/12/2018	28/01/2019	Completed
EPP-19-01-006	Buckhurst Hill	CEDAR CLOSE	Opposite 8/9	Overgrown Vegetation	Overgrown Vegetation Encroaching FW by 2m at its worst, Approximately 18m x 2m	3306576	17/12/2018	29/01/2019	Completed
EPP-19-01-007	Nazeing	SEDGE GREEN	J/w pecks hill O/s Kinglea Plants/Tom World	HW: roadsign damaged	Chevron sign and posts damaged/leaning	3307004	18/12/2018	30/01/2019	Completed
EPP-19-01-008	Loughton	PYRLES LANE	By lamp column no fp1b side of no 49	Overgrown Vegetation	overhanging veg on damaged fence panel 4m , please pass to rangers to remove	3309974	31/12/2018	29/01/2019	Completed
EPP-19-01-009	Waltham Abbey	BEAULIEU DRIVE	S/o 1 Gregory Mews	Roadsign Obscured or Dirty	Blue arrow signs on post PB1 misaligned	3310571	02/01/2019	28/01/2019	Completed
EPP-19-01-010	Waltham Abbey	BEAULIEU DRIVE	S/o 1 Patrick Grove	Roadsign Obscured or Dirty	Blue arrow signs on post PB7 dirty-	3310572	02/01/2019	28/01/2019	Completed
EPP-19-01-011	Waltham Abbey	BEAULIEU DRIVE	S/o 1 Dominic Court	Roadsign Obscured or Dirty	Blue arrow signs on post PB6 dirty	3310573	02/01/2019	28/01/2019	Completed
EPP-19-01-012	Lambourne	ALDERWOOD CLOSE	O/S 8	Overgrown Vegetation	Overgrown Vegetation Encroaching FW by 1.5m, Approximately 12m x 1.5	3311537	02/01/2019	29/01/2019	Completed
EPP-19-01-013	Waltham Abbey	CANNON MEWS	O/S 3 by s/o 12	Mis-aligned Kerb	Misaligned/rocking pcc c/w channel kerb and 6 modular paving blocks	3310729	02/01/2019	05/02/2019	Completed
EPP-19-01-014	Lambourne	FIELD CLOSE	Opposite 2	HW: kerb missing	6x5 missing and 4 6x5 Loose and protruding into cw	3311045	03/01/2019	05/02/2019	Completed
EPP-19-01-015	Lambourne	ALDERWOOD DRIVE	O/S 67	HW: kerb missing	1 6x5 Straight Kerb and 1 6x5 Dropper Loose and Rocking, Kerb Placed on Verge by Inspector	3311052	03/01/2019	30/01/2019	Completed
EPP-19-01-016	Lambourne	KNIGHTS WALK	O/S 23	Mis-aligned Kerb	2 6x5 kerbs misaligned, 4 missing and 1 damaged and broken in 2, kerb is on the verge	3311062	03/01/2019	30/01/2019	Completed
EPP-19-01-017	Lambourne	KNIGHTS WALK	O/S 28	Debris/deposit on Highway	3x1 Broken Kerb Laying on FW by Wall	3311075	03/01/2019	05/02/2019	Completed
EPP-19-01-018	Lambourne	SPUR CLOSE	Os 2	Mis-aligned Kerb	3 6x5 kerbs missing 2.7 m x 0.1 m x 100 mm	3311330	03/01/2019	30/01/2019	Completed

<b>DISTRICT</b>	<b>EPPING FOREST</b>
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REF	Parish/Ward	Road Name	Location	Type of Work Required	Comments	Confirm Number	Date Requested	Date Completed	STATUS
EPP-19-01-019	Lambourne	SPUR CLOSE	O/S 4	Mis-aligned Kerb	2 6x5 Kerbs Broken, Loose and Misaligned, Protruding into CW by 70mm, Put back into Place by Inspector	3311331	03/01/2019	30/01/2019	Completed
EPP-19-01-020	Lambourne	NEW FARM DRIVE	Opposite 7	Overgrown Vegetation	Overgrown Vegetation Encroaching FW by 0.75m, Approximately 2m x 0.75	3311553	03/01/2019	29/01/2019	Completed
EPP-19-01-021	Lambourne	PANCROFT	O/S 94	Mis-aligned Kerb	2 6x5 Kerbs Loose and Misaligned by 50mm	3312631	04/01/2019	30/01/2019	Completed
EPP-19-01-024	Waltham Abbey	CHURCH STREET	O/S 4 by vxo adj l/c 3	Mis-aligned Kerb	Misaligned/loose Pcc kerb x 50mm-	3316634	11/01/2019	04/02/2019	Completed
EPP-19-01-025	Waltham Abbey	SEWARDSTONE ROAD	O/S 2 Nobel Villas Opp Lidl	Roadsign Obscured or Dirty	Sign misaligned on post/facing wrong direction--	3317423	14/01/2019	28/01/2019	Completed
EPP-19-01-026	Epping	LOWER SWAINES	J/W Tower Road, Opposite 17	Mis-aligned Kerb	6 6x5 Kerbs Loose, Rocking and Misaligned, Vehicle Damage	3323133	25/01/2019	04/02/2019	Completed

**Epping Forest District Local Highway Panel - Section 106 Programme 2018/19**

Schemes Key	Cancelled	Update	Completed
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Ref	Cost Code	Scheme	Finish	Scheme Category	Scheme Type	Works Description	Current Stage
1	10002813	Passenger transport improvements - Cartersfield Road development	Jul-18	Passenger Transport	Design Only	Passenger transport improvements in the vicinity of the Cartersfield Road development site.	Completed.
2	ZHB10002813	Passenger transport improvements - Cartersfield Road development	Dec-18	Passenger Transport	Implementation	Passenger transport improvements in the vicinity of the Cartersfield Road development site.	Completed.