

## Epping Forest Local Highway Panel Meeting Agenda

Date: Tuesday 13<sup>th</sup> December 2016  
 Time 18:00 pm  
 Venue: Civic Offices, High Street, Epping

**Chair:** Cllr J Knapman (ECC)

**Panel Members** Cllr R Gadsby (ECC), Cllr A Jackson (ECC), Cllr V Metcalfe (ECC), Cllr M McEwen (ECC), Cllr C Pond (ECC), Cllr J Whitehouse (ECC), Cllr R Bassett, Cllr G Chambers, Cllr K Chana, Cllr C Roberts, Cllr P Keska, Cllr N Avey and Cllr E Webster.

**Other Attendees** Matt Valentine - Highways Liaison Officer, Sonia Church - Highways Liaison Manager. Anthony Belgrave – Secretariat.

Time	Item	Lead:	Papers:
1.	Welcome and introduction	Chair	Verbal
2.	Apologies for Absence	Chair/MV	Verbal
3.	Declarations of Interest	All	Verbal
4.	Minutes of meeting held on 6 <sup>th</sup> September 2016 to be agreed as correct record.	Chair	Attached
5.	Oakwood Hill (LEPP152003) - Update	MV	Attached
6.	To consider and determine those schemes which should remain or be removed from the potentials scheme list for consideration within the 2017/18 financial year. <ul style="list-style-type: none"> <li>• Cycling</li> <li>• Passenger Transport</li> <li>• PROW</li> <li>• Safer Roads</li> <li>• Traffic Management</li> <li>• Walking</li> </ul>	Chair/MV	Attached
7.	Indicative Programme list for Schemes Approved and Delivered from 2012/13 to 2016/17	MV	Attached for information
8.	S106/Rangers Update.	MV	Attached for information
9	AOB and Dates for Next Meeting – Thursday 16th March 2017.	All	Verbal

Blank Page

## **ECC/EFDC LOCAL HIGHWAY PANEL MINUTES**

**Committee:** ECC/EFDC Local Highways Panel      **Date:** Tuesday 6<sup>th</sup> September 2016

**Place:** Council Chambers, Civic Offices, High Street, Epping      **Time:** 18:00 – 19:05

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

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

**District Councillors:**

Councillors P Keska, C Roberts, and E Webster.

**Other Councillors:**      Councillors J Lea, G Waller and Parish Councillor S Jackman.

**Apologies:**      Councillor G Chambers, R Bassett, K Chana and N Avey.

**Officers Present:**      M Valentine (HLO - Ringway Jacobs | Essex County Council), S Church (Highways Liaison Manager – Ringway Jacobs | Essex County Council), J Dowding (Senior Transport Planner – Jacobs), Qasim Durrani (Assistant Director Technical – Epping Forest District Council).

### **1. WELCOME AND INTRODUCTION.**

The Chairman Councillor J Knapman welcomed those Members present and those attending in an observational role.

### **2. DECLARATIONS OF INTEREST SCHEME RECOMMENDATIONS 2016/17**

There were no declarations of interest pursuant to the Council's Code of Member Conduct.

### **3. MINUTES**

#### **RESOLVED:**

That the minutes of the meeting held on Tuesday 7<sup>th</sup> June 2016 be taken as read and signed by the Chairman as a correct record.

### **4. EPPING FOREST DISTRICT CYCLING ACTION PLAN**

The Senior Transport Planner provided a presentation to the LHP Members following the outcome of the Cycling Action Plan. The Members were advised that if they have any follow up question to contact J Dowding directly.

The HLO to provide the Members with his contact details.

## **5. SCHEME UPDATE – B181 EPPING ROAD J/W COMMON ROAD, BROADLEY COMMON (LEPP151004)**

The Chairman and HLO explained the administrative error with regards to this Casualty Reduction scheme and that the original estimated delivery cost was £30,000 and not £12,000.

There has been 4 further collisions at this location which has taken the total to 13 collisions in the last 5 years.

The scheme has been out to tender with our supply chain partners and they have returned a delivery cost of £27,191.

The Panel Members unanimously supported the top up of £15,200 and the scheme will be programmed for delivery within Quarter 3 of the financial year.

## **6. POTENTIALS SCHEME LIST**

The Chairman, HLO, and Local Highway Panel Members considered which potential schemes should remain or be removed from the list for consideration within the 2017/18 financial year.

### **(1) Cycling**

To be deferred to 2017/18.

### **(2) Passenger Transport**

No Change.

### **(3) Public Rights of Way**

No Change.

### **(4) Safer Roads**

Item 1 - St. Leonards Road/Nazeing Road/North Street/Middle Street. The HLO to go back to engineer to consider the guidance arrows to guide vehicles of the correct alignment at the junction.

### **(5) Traffic Management**

Item 5 - Woodberry Down, Epping; Salt bin request. The criteria wasn't met as the gradient wasn't greater than 5%. Scheme to be removed from list.

Item 6 - B181 Lindsey Street, Epping; VAS by Shaftesbury Farm going west. Scheme to remain on the list and previous survey to be passed to Cllr Whitehouse.

Item 7 – Severns Field, Epping; Salt bin request. The criteria wasn't met as the gradient wasn't greater than 5%. Scheme to be removed from list.

Item 9 – Kendal Avenue, Epping; Traffic calming measures. HLO to discuss with Cllr Avey.

Item 12 – The Street, Ongar; Traffic calming measures. The speed survey highlighted good compliance. Scheme to be removed from list.

Item 13 – Various, Loughton; Salt bin requests. Further clarification needed on comments and HLO to update Cllr Pond and Cllr Metcalfe.

Item 14 – Pyrles Lane, Chester road, Hillyfields; A number of improvement measures. The RAG to be changed to Amber.

Item 18 – Laundry Lane; no through road or install lockable gate; after discussion it was agreed that this project would be re-examined by ECC Highways to determine feasibility. This would include a consultation and petition from the residents. To be progressed.

**(6) Quiet Lanes**

No change.

**(7) Walking**

No Change

**RESOLVED:**

That the 2016/17 Scheme Recommendation list be altered in compliance with the suggestions from the Local Highways Panel, and possible future schemes be proposed by members at subsequent meetings.

**6. INDICATIVE PROGRAMME LIST**

The HLO advised members of the Panel on the schemes approved and delivered from 2012/13 to 2016/17. For the 2016/17 financial year the anticipated completion dates given will be in quarters until the start date has been confirmed.

**7. S106/RANGERS UPDATE**

The HLO advised members of the Highway Panel on the completed schemes, and those presently being undertaken by the Highway Rangers.

The HLO would update Councillor Pond on the Church Hill, Loughton S106 scheme.

**8. ANY OTHER BUSINESS**

**(1) Passenger Transport**

The Chairman advised the Panel that the HLO would update the Members on the 'Hail & ride' bus service.

**9. FUTURE MEETING ARRANGEMENTS**

Members agreed that the next meeting of the LHP would be held at the Civic Offices on Tuesday 13<sup>th</sup> December 2016 at 6.00pm.

**CHAIRMAN**

## **Oakwood Hill (LEPP152003)**

The above scheme was recommended by the Epping Forest LHP Members within the 2015/16 financial year for delivery with an allocated budget of £10,000. Once commissioned, a level 1 estimate was undertaken that identified an additional £4,000 would be required to ensure the scheme could be designed and delivered. Standard construction methods, which is normal for these type of schemes.

During scheme development unforeseen issues can be encountered, this can alter the volumes of materials and method of construction. In this particular case, the supply chain identified during the competitive tender that the standard method of working would not allow them to construct the works successfully. They have identified that a road closure and diversion would be required to ensure these could be constructed safely. Of which a further top up of £5,000 is required.

Schemes are only tendered at the end of design, at the point we were made aware of the issue. We have challenged all the supply chain partners on their method of work, and have received acknowledgment that while this is far from ideal, it is the only practical solution.

The finances are as follows:

Current Budget - £14,000

### **Overall costs**

Delivery Cost - £11,115.56

Diversion Cost - £3,240.13

Design Costs - £4,149 (Detailed design, Road Safety Audit, Commercial, Topographical survey and ECC legal fees for processing road closure and advert)

Total Costs - £18,504.69

As the scheme is now ready for delivery I would be grateful for your support with a top up of £5,000. The scheme can be programmed for delivery within Quarter 4 subject to the agreement of the top up.

Blank Page

## EPPING FOREST DISTRICT COUNCIL WITH ESSEX COUNTY COUNCIL LOCAL HIGHWAY PANEL – 13<sup>th</sup> DECEMBER 2016 POTENTIAL CAPITAL SCHEMES

As part of the Essex County Council 2017/18 budget it is believed that the Capital budget for the Epping Forest Local Highways Panels (LHP) will remain the same as that for 2016/17. This would mean for Epping Forest LHP the available 2017/18 capital budget will be £349,775. It is recommended for 2017/18 that the Panel make further scheme funding recommendations to create a £450,000 rolling programme of highway improvement works.

This Potential Scheme List identifies all of the scheme requests which have been received for the consideration of the Epping Forest LHP. The Panel are asked to review the schemes on the attached Potential Scheme List, prioritising those schemes they would like to make 2017/18 funding recommendations against and remove any schemes the Panel would not wish to consider for future funding.

Currently the total value of potential schemes within the Epping Forest District stands at £430,000 which does not include feasibility studies, detailed designs and Safer Road Schemes that are yet to be finalised.

<b>2017/18 Budget Summary</b>	
<b>Item</b>	<b>Amount</b>
Recommended Rolling Programme total	£450,000
Programmed Works (on Approved Works Programme, re-profiled into 2017/18)	£126,000
<b>Amount remaining for the LHP to allocate in 2017/18</b>	<b>£324,000</b>

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



= The scheme has been validated as being feasible and is available for consideration



= The scheme has previously been approved for design only/feasibility study and the results are awaited before the scheme can be fully considered



= The scheme request is against ECC criteria.



= A scheme request has been received and is in the initial validation process.

## Cycling

Total Value of schemes	<b>£0</b>
------------------------	-----------

Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
1	Epping Forest - Cycling	<p>Epping Forest Cycle Strategy. Currently there is no complete up-to-date cycling strategy for the Epping Forest District that encompasses all cycling elements. The aim of this work is to provide a cycle strategy for Epping Forest which will identify cycle schemes and initiatives for implementation in the short, medium and long term.</p>	Epping Forest	Feasibility	LEPP154001	£0	Awaiting specific scheme from Cycling Action Plan	A

## Passenger Transport

Total Value of schemes	<b>£37,500</b>
------------------------	----------------

Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
1	Bus stop IM379b Brook Parade - PT	Relocate and remark bus cage.	The bus stop flag and pole relocated to accommodate seating - bus cage in incorrect location and needs to be remarked.	Chigwell	Total scheme	LEPP165001	£3,000		G
2	Bushfields, Loughton - 1500IM399B (parkmead) - PT	Install metal bus shelter	Highly used stop with no seats or shelter	Loughton	Total scheme	LEPP165004	£6,500		G
3	Colson road, Loughton - 150042014010 (chequers Road) - PT	Install bus cage road markings	Residents are parking by the bus stop, which results in pedestrians having to walk into the road to get on or off the bus.	Loughton	Total scheme	LEPP165007	£2,500		G
4	Bushfields, Loughton - 1500IM399B (parkmead) - PT	Install bus cage road markings	Residents are parking by the bus stop, which results in pedestrians having to walk into the road to get on or off the bus.	Loughton	Total scheme	LEPP165008	£2,500		G

## Passenger Transport

Total Value of schemes	<b>£37,500</b>
------------------------	----------------

Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
5	Newmans Lane Loughton - 150042013003 (Hatfields) - PT	Install bus cage road markings	Residents are parking by the bus stop, which results in pedestrians having to walk into the road to get on or off the bus.	Loughton	Total scheme	LEPP165009	£2,500		G
6	42001003 Stops at Baldwins Hill- PT	Increase hardstand area, provide barriers and general bus stop improvements.	The current hardstand area is too small for pedestrians and not safe.	Loughton	Implementation	LEPP165010	£13,000	following the detailed design.	G
7	Chigwell Rise, Chigwell - PT	For the installation of flag and post by TFL; To install new kerb for new bus stops.	Currently stops are too far away and an additional one is needed	Chigwell	Total scheme	LEPP155004	£7,500	Top up needed to install proposed bus kerbs and existing footway to be resurfaced to new kerb level	G

## Public Rights of Way

<b>Total Value of schemes</b>	<b>£236,500</b>
-------------------------------	-----------------

Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
1	Byway 61, Willingale - PROW Improvements	Clear the ditches to protect any new surface from water damage. Remove side overgrowth to let air and sunlight onto the byway so it dries out. Improve the vehicle access along the byway.	Unsafe state of the byway for users. Places with deep ruts filled with water.	Ongar	Total scheme	LEPP168001	£39,000		G
2	Bridleway 66 - PROW Improvements	Improvements to the drainage of the surface, ditch clearance and cutting of grips. Overlaying the surface with road planings and compacting firmly.	Boggy, underlating and uneven surface that makes the bridleway a very difficult route to follow and possibly injurious to use to users if not remedied.	Waltham Abbey	Total scheme	LEPP168002	£35,000	Not all of bridleway but approximately less than 600m of total length will require extensive work.	G
3	Bridleway 89 - PROW Improvements	Improvements to the drainage of the surface, ditch clearance and cutting of grips. Overlaying the surface with road planings and compacting firmly.	Boggy, underlating and uneven surface which in part has been due to damage caused by misuse which now makes the bridleway a very difficult route to follow and possibly injurious to use to users if not remedied.	Waltham Abbey	Total scheme	LEPP168003	£25,000	Not all of bridleway but approximately less than 300m of total length will require extensive work.	G
4	Footpath 3 - PROW Improvements	The embankment to be shoring up with concrete bag work then infilling with concrete and planings and compacting firmly.	Path is disappearing into the river. The footpath at present is uneven and difficult in places to negotiate if unsure of footings. In poor light, the issues may be aggravated.	Theydon Bois	Total scheme	LEPP168004	£50,000		G

## Public Rights of Way

<b>Total Value of schemes</b>	<b>£236,500</b>
-------------------------------	-----------------

Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
5	Byway 21 - PROW Improvements	Undertake improvement works to the drainage and surfacing to enhance accessibility for all users of the byways along the byways.	At present the lane is partly naturally surfaced. Some sections are open and exposed to the elements while the majority is enclosed by trees and hedges. The constant use by motorised vehicles has made a section of the route almost impassable for most parts of the year. The lane becomes highly waterlogged, rutted and boggy and is very difficult to negotiate and dangerous to use by all users with instances of users including horses and four-wheel users becoming stuck	Fyfield	Total scheme	LEPP168005	£50,000		G
6	Footpath 18 - Staples Hill, Loughton - PROW Improvements	Resurface the footpath	The surface has a number of very wide cracks, in which it is easy to catch and is becoming a trip hazard	Loughton	Total scheme	LEPP168006	£10,000		G
7	Public Footpath 109 Loughton. Known locally as the "Oatley Path"- PROW Improvements	Surfacing works are required along the path to the rear of Harwater Drive		Loughton	Total scheme	LEPP168007	£15,000		G
8	Bridleway 16 High Ongar	Lay a layer of crushed concrete to provide long lasting firm base and to raised existing surface slightly above surrounding ground level. Top with planings and compact to provide suitable surface for all users	the surface of this Bridleway has become heavily poached making passage along the route very difficult for all users for much of the year.	High Ongar	Total scheme	LEPP168008	£12,500		G

## Safer Roads

<b>Total Value of schemes</b>	<b>£25,000</b>
-------------------------------	----------------

Ref	Location	Description	Parish	Scheme stage	Cost Code	Allocated Budget	Comments	RAG
1	St Leonards Rd/Nazeing Rd/North St/Middle St, Lower Nazeing - Design for road widening	Widening of Nazeing Road to two lanes, for approximately 20m through the use of the verge area to the north of Nazeing Road. The additional lane on Nazeing Road will be for traffic turning left onto North Street or travelling straight through to Middle Street while the existing lane will be a dedicated right-turning lane. An indicative right turn, green arrow is also proposed for traffic coming from North Street.	Nazeing	Design		£25,000	The conclusion in the report recommends Option 2 as Option 1 doesn't deliver any capacity benefits and doesn't comply to regulations	G

## Traffic Management

Total Value of schemes	<b>£131,000</b>
------------------------	-----------------

Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
1	B172 Abridge over river Roding - TMI	<p>Introduce warning signage on the approach to the bridge (highlighting that the road narrows and that oncoming vehicles would be in the middle of the road.)</p> <p>Remove the centre line marking where the carriageway reduces to less than 5.5 metres in width - In line with the northern end of the bridge and around 10 metres to the south of the bridge.</p> <p>Introduce 'solar lite' studs adjacent to the carriageway edge throughout the area where the centre line marking is removed.</p> <p>Replace the existing double yellow lining along the B172 Abridge Road with 50mm wide primrose 'conservation' lining to accommodate the proposed road studs.</p>	Abridge	Implementation		£8,000	Following feasibility study	G

## Traffic Management

<b>Total Value of schemes</b>	<b>£131,000</b>
-------------------------------	-----------------

Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
2	Various Loughton - Salt Bins	Salt Bin requests	Loughton	Total scheme		£0	<p>As set out in the Highway Practice Note the gradient of the road has to be on a steep incline with a gradient greater than 5% for a minimum length of 50m. Location 1. The Avenue, although The Avenue is on a steep slope that meets the criteria for the gradient, there is a salt bin already in situ at the junction of The Avenue and Spring Grove. This would go against the criteria of having a salt bin within 200m of the requested location.</p> <p>2. Spareleaze Hill j/w Tycehurst Hill, The gradient at the junction does not meet the criteria for the salt bin.</p> <p>3. Nursery Road j/w High View Close, The gradient at the junction does not meet the criteria for the salt bin.</p> <p>4. Wellfields and Church Lane are currently on the gritting network</p> <p>5. Staples Road is currently on the gritting network and the gradient does not meet the criteria for Shaftesbury.</p>	R

## Traffic Management

<b>Total Value of schemes</b>	<b>£131,000</b>
-------------------------------	-----------------

Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
3	B1393 High Road/Theydon Road, Epping - Studies for junction widening	Ecology Impact Assessment and Land acquisition investigation to determine if junction widening can be carried out.	Epping	Studies	LEPP162005	£10,000	<p>All 3 options are in excess of £200k+. If this scheme is to progress it is recommended that an Ecology Impact Assessment (ECIA) should be carried out on the site to determine the potential effects that the proposed works will have on the eco system and habitat due to the location. Costs of ECIA are specific for each site therefore an estimate should be obtained if the scheme is to be progressed further.</p> <p>Depending on the results of the ECIA enquiries should be made to the Corporation of London with regards to the acquisition of the Epping Forest Conservators land.</p>	G
4	Station Road, Chigwell - Design for road widening	Legal Fees for land acquisition, topo survey and detailed design for widening Station Road.	Chigwell	Design		£12,000	<p>Feasibility study looked at 3 options, with option 1 of widening Station Road being the preferred option. This option would not only reduce congestion considerably but create a far safer environment for all that use Station Road in connection with the Railway Station</p>	G

## Traffic Management

<b>Total Value of schemes</b>	<b>£131,000</b>
-------------------------------	-----------------

Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
5	Pyrles Lane, Chester Road, Hillyfields - Implementation of a speed table	Removing the existing material and replacing with new material to current road specification. Remove old warning signs related to the junction and install new 'staggered junction ahead) warning signs on yellow backing board plus new posts along Chester Road and Hillyfields. Install two new grey backed give way regulatory signs and two new grey backed give way 'x' yards ahead warning sign on Pyrles Lane (north and south) with new posts. Take down some of the existing guard railing which is sited within the visibility splays for Pyrles Lane give way position and replace with PG2 type guard railing	Loughton	Implementation		£29,000	Following feasibility study	A
6	All roads leading into and through the forest - Signage review	Signage investigation to direct any 'lost' HGV's drivers to the more suitable roads.	Epping Forest	Feasibility	LEPP162009	£10,000		G
7	B181/Upland Road - Feasibility study for junction improvements	Feasibility to look at improving this junction	Epping Upland	Feasibility		£0	Awaiting feasibility completion	A
8	Lower road, Loughton - Feasibility for one way road	A feasibility study to determine what can be done at this location. Investigate if Lower Road can be a 'one way' road.	Loughton	Feasibility	LEPP162014	£3,000		G

## Traffic Management

<b>Total Value of schemes</b>	<b>£131,000</b>
-------------------------------	-----------------

Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
9	Loughton Way j/w River road, Buckhurst Hill - Dropped kerbs	Install dropped kerbs with tactile paving and a pedestrian refuge.	Buckhurst Hill	Feasibility	LEPP162015	£3,500		G
10	Laundry Lane, Nazeing - Stopping up	To implement a No through Road or install a lockable gate.	Nazeing	Total scheme		£0	<p>Fly typing is the responsibility of the District Council and all action should be theirs on this subject. Awaiting consultation/petition from residents in order to consider any other measures.</p> <p>Awaiting a discussion with the Cabinet Member with regards to a way forwards.</p>	R
11	Upshire road, Waltham Abbey - TMI	For safety measures and parking bays by Upshire Primary School	Waltham Abbey	Total scheme		£0	<p>The Highway Boundary has shown that only the carriageway and footways in the area belong to ECC, therefore providing parking areas is not possible. Officers recommendation is engagement by the school with the children and there parents, as its likely to have far greater success over a longer period.</p>	R

## Traffic Management

<b>Total Value of schemes</b>	<b>£131,000</b>
-------------------------------	-----------------

Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
12	B181 Lindsey Street, Epping - VAS Sign	Install a VAS by Shaftesbury Farm going west.	Epping	Total scheme		£0	Against Officer recommendation. The speed limit at this location is 30mph. The 7 day average daily speed northwest bound was 35mph and 31.5mph southeast bound. Although the criteria is met northwest bound, drivers will drive at an appropriate speed for the geometry of the road. There are fields on one side of the carriageway and properties are set back from the carriageway. As drivers are leaving Epping they will likely accelerate once passed the majority of houses and this is the reason for the 35mph average.	R
13	Tidy's Lane, Epping - TMI	Feasibility study to look at the options to prevent the verge from being torn up along Tidy's Lane.	Epping	Feasibility	LEPP162027	£3,000		G
14	Hoe Lane, Nazeing - TMI	A detailed design be created with a view to look into installing kerbs and appropriate drainage from Tayness and opposite Parkers Farm. To include a topographical survey.	Nazeing	Design		£5,000		G

## Traffic Management

<b>Total Value of schemes</b>	<b>£131,000</b>
-------------------------------	-----------------

Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
15	Powdermill Lane j/w Leaview, Waltham Abbey - Overrun area	Detailed design to determine whether an overrun area could be constructed.	Waltham Abbey	Design	LEPP162032	£2,000		G
16	Pump Hill, Loughton Signage	Install 'give way triangle' to highlight the give way markings.	Loughton	Total scheme		£1,500	A SLOW marking should only be installed next to a sign so that they work in conjunction, an advance give way warning sign (TSRGD 501) could be installed however as the footway is very narrow and the only suitable location would be on the Street Light column and officer wouldn't recommend this option.	G
17	Kendal Avenue, Epping - TMI	Traffic calming measures	Epping	Total scheme		£0	Against Officer recommendation. The speed limit at this location is 30mph. The 7 day average daily speed northwest bound was 25.9mph and 31mph southeast bound. This would be deemed good compliance. There has been 1 slight accidents along this stretch of road over the last 5years.	R

## Traffic Management

<b>Total Value of schemes</b>	<b>£131,000</b>
-------------------------------	-----------------

Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
18	The Street j/w Crown Close, Sheering - TMI	To add deflection at the mini roundabout, with both physical measures and ghost white lined islands directing the traffic to drive around the dome instead of straight over it. A new dome should be installed in the centre of the mini roundabout at only 2m diameter to permit the safe passage of public service vehicles (bus). Relocate the warning sign on the eastern stretch of The Street closer to the junction. This will give drivers enough warning of the junction ahead instead of notifying them more than 100m in advance of the roundabout as it is existing.	Sheering	Total scheme		£21,000	From feasibility study	G
19	Willingale Road, Loughton - TMI	A feasibility study be carried out to determine whether the build outs can be improved, or replaced with other traffic calming methods	Loughton	Feasibility	LEPP162028	£3,000		G
20	Baden Drive, Waltham Abbey - TMI	Install junction protection marking for 15m	Waltham Abbey	Total scheme	LEPP162032	£3,500		G
21	A113 London road, Stanford Rivers – North of Church road - TMI	Remove the centre lining where the width of the carriageway is less than 5.5m	Stanford Rivers Parish Council	Total scheme	LEPP162033	£0	In validation	V

## Traffic Management

<b>Total Value of schemes</b>	<b>£131,000</b>
-------------------------------	-----------------

Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
22	A113 London road, Stanford Rivers - Speed limit	Install a 40mph buffer zone, move the existing 30mph limits to a more appropriate location, carry out the Traffic Regulation Order and formal consultation.	Stanford Rivers Parish Council	Design	LEPP162034	£8,000		G
23	Station Approach, Loughton - Bollards	To install 37 Bollards at 1.5m apart to stop cars parking on Station Approach.	Loughton	Total scheme	LEPP162035	£8,500		G
24	Sedge Green, Roydon - Signage	Request for possible signage- (other danger ahead) with a 'road liable to flood' sub plate	Nazeing	Total scheme	LEPP162036	£0	In Validation	V
25	Honey Lane (east of Wood Green Road), Waltham Abbey	Option study to aid pedestrians to cross the road.	Waltham Abbey	Total scheme		£0	Awaiting feasibility study completion	A
26	Ivy Chimney Road, Epping	A feasibility study to be carried out to determine options to improve the parking issue along the footway.	Epping	Total scheme		£0	Awaiting feasibility study completion	A
27	Highfield's Green J/w Bury Lane- Keep Clear Markings	A Keep Clear box at the junction to help vehicles exit when there is a high volume of traffic	Epping	Total scheme	LEPP162037	£0	In Validation	V

## Traffic Management

Total Value of schemes	£131,000
------------------------	----------

Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
28	Buckhurst Way, Buckhurst Hill	Traffic calming measures	Epping	Total scheme		£0	Awaiting speed survey result	V

## Walking

<b>Total Value of schemes</b>	<b>£0</b>
-------------------------------	-----------

Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
1	Nursery Road, from Smarts Lane to Connaught Avenue, then to Little Dragons - Footway	Implementation of a footway	Loughton	Total scheme		£0	Awaiting further information.	A
2	Church Road, Moreton - Footway	Installation of a footway for 32m outside Moreton Primary School.	Moreton	Implementation		TBC	The implementation cost is around £20k, however we will need to relocate GigaClear Fibre Optics and until the relocation costs are provided we will not have an estimate for the total cost I will advise accordingly.	G

Blank Page

**EPPING FOREST DISTRICT COUNCIL WITH ESSEX COUNTY  
COUNCIL  
LOCAL HIGHWAY PANEL – 13<sup>th</sup> DECEMBER 2016  
APPROVED SCHEMES UPDATE**

From the panel meetings in March and June the Epping Forest Members recommended £242,000 following the budget amendments for the 2016/17 financial year.

The programme consisted of 100% of the 2016/17 capital budget, match funding (£449,775) and an additional amount to take into consideration some 'roll over' from the 2015/16 financial year.

You will see from the Approved Schemes List that some dates appear as 2017/18 financial year. This accounts for the schemes which are not part of the 100% 2016/17 delivery.

For this financial year the dates given will be in quarters until the road space has been booked and the start date has been confirmed.

Blank Page

Epping District Approved Scheme List

Key:	Completed schemes
	Live Schemes
	2017/18 Financial year

Ref	COST CODE	SCHEME NAME	CURRENT STAGE	ANTICIPATED COMPLETION DATE	WORK DESCRIPTION	ALLOCATED BUDGET	COMMENTS
<b>2012/13 Budget Capital Schemes</b>							
1	LEPP002013	Crooked Mile, Waltham Abbey	Completed	04/10/2016	Signal controlled crossing	£125,000	
<b>2014/15 Budget Capital Schemes</b>							
2	LEPP142002	Vicarage Lane j/w Manor Road	Completed	28/10/2016	Junction improvements	£185,000	
3	LEPP142011	War Memorial Lindsey Street, Epping	In Progress	tbc	Change link road fronting War Memorial to footway and associated junction improvements at Lindsey Street/High Street	£35,000	Land acquisition needed from CoL - The Land and stopping up order will be complete in 2016/17, with the delivery in 2017/18.
4	LEPP142029	A121/ B194 Highbridge Street/Beaulieu Drive, Waltham Abbey	Completed	04/11/2016	Junction and signal improvements	£39,600	
<b>2015/16 Budget Capital Schemes</b>							
5	LEPP151001	A1168 Chigwell Lane j/w M11 northbound off-slip (M11 jct 5)	2017/18 Financial year		Install 'Give Way' sign; Install advanced lane merging into single carriageway sign and construct a build out along Chigwell Lane.	£21,000	There is a major project within the same vicinity and therefore the scheme has had to move into Quarter 1 of the 2017/18 financial year.
6	LEPP151004	B181 Epping Road j/w Common Road, Broadley Common	In Progress	20/12/2016	Replace the existing partial Bennett junction with a standard priority junction consisting of a small central traffic island; Re-align the kerblines to the east and west of Common Road close to the junction with B181 Epping Road; Relocate/provide a new yellow backed 'give way' sign to the nearside of the carriageway on the Common Road approach; Review all existing local directional signs at the junction and ensure that appropriate new signs are provided	£12,000	
7	LEPP151009	Sedge Green j/w Dobbs Weir Road, Nazeing	2017/18 Financial year		Install bollards on corner of junction.	£2,000	
8	LEPP151010	A113 Abridge Road, Chigwell	Completed	30/09/2016	Install new yellow backed 'junction on left ahead' warning sign on Abridge Road for northbound traffic; Install new SLOW road marking; Removing the existing brown sign for Virgin Active.	£8,500	
9	LEPP151011	Coopersale Street, bend 200m south east of Houbbons Hill	2017/18 Financial year		Renew the existing northbound 'bend ahead' with 'reduce speed now' sub-plate signs; Install new chevron signs for both directions at the bend; Renew remaining reflector posts and install additional posts around the sweeping bend.	£20,000	Land acquisition needed for Coopersale Street works - Awaiting response from land owner
10	LEPP151015	A121 Woodriden Hill approach to Wakes Arms Roundabout	In Progress	Quarter 4	Install new roundabout ahead warning sign; Install new SLOW markings; Replace the existing chevron sign on the roundabout island; Check distances between 40mph repeaters and if additional signs can be installed.	£2,300	
11	LEPP152001	Church Road, Buckhurst Hill	2017/18 Financial year		Letter drop for informal consultation with residents for possible one way system	£1,500	
12	LEPP152003	Oakwood Hill, between River Way and Lower Alderton Hall Lane	In Progress	Quarter 4	Improve pedestrian refuge. Upgrade signing, lining and lighting units	£14,000	
13	LEPP152004	Moreton Bridge, Bridge Road, Moreton	Completed	10/10/2016	Re-alignment of the layby	£25,000	
14	LEPP152021	A113, Ongar Road, Abridge	Completed	08/06/2016	To install a VAS travelling South-West within the 30mph limit before reaching the village	£8,500	
15	LEPP152027	A121 Goldings Hill, Loughton, junction with A1168 Rectory Lane	In Progress	Quarter 4	Install 2 x zebra crossing warning signs with distance sub plates. Install lane lining with directional arrows.	£10,000	
16	LEPP152033	Horseshoe Hill, Waltham Abbey	Completed	25/11/2016	Installation of a VAS.	£8,500	

Ref	COST CODE	SCHEME NAME	CURRENT STAGE	ANTICIPATED COMPLETION DATE	WORK DESCRIPTION	ALLOCATED BUDGET	COMMENTS
17	LEPP152041	Traps Hill j/w Rowans Way and Church Lane, Loughton	Completed	25/11/2016	Install a mini roundabout at Church Lane junction and resurface 50m of high skid materials on each approach.	£73,300	
18	LEPP152046	Debden Lane, Loughton	In Progress	Quarter 4	Install 2 VAS Westbound and EastBound; Install extra 30mph repeater signs; Install extra chevron signs with yellow borders; Replace existing chevron signage with chevrons with yellow borders; Install 30mph roundels; Install 'SLOW' markings adjacent road.	£28,000	
19	LEPP152049	Ivy Chimney Road, Epping	Completed	16/08/2016	Install 5/6 Pedestrian guardrails in front of the existing bollards 450mm from the carriageway. Improve the current footway by providing a footway construction stepped from existing footway up to the existing bollards.	£10,000	
20	LEPP152050	B181/Upland Road, Epping Upland	In Progress	Quarter 4	<b>FEASIBILITY STUDY</b> - To investigate a mini-roundabout at the T junction. Improved signage to delineate the B181/Upland Road better and to guide vehicles along the B181.	£3,000	
21	LEPP153001	Hemnal Street, Epping	In Progress	tbc	Footway and dropped kerbing	£7,500	The Epping Forest & Commons Committee never granted permission and therefore discussions are needed on a way forward.
22	LEPP151013	A104 Epping New Road junction with A1069 Rangers Road	Completed	23/11/2016	Design, supply and install variable message signs	£80,000	
<b>2016/17 Budget Capital Schemes</b>							
23	LEPP161001	Alderton Hill j/w Alderton Hall Lane, Loughton	In Progress	Quarter 4	1) Investigate the feasibility of installing a ghost island in the bellmouth of Alderton Hall Lane. This is to help highlight the junction ahead to approaching motorists. 2) Renew the existing give way sign on Alderton Hall Lane on yellow backing board. 3) Install a new yellow backed advanced give way sign on the approach to the junction on Alderton Hall Lane. 4) Investigate the possibility of installing direction flag signs opposite the junction if there is sufficient room. This is aimed at further highlighting the junction to approaching motorists, particularly at night. 6) Street lighting to check the existing lighting levels at the junction.	£20,000	
24	LEPP161002	B181 Epping Upland by Chambers Manor	In Progress	Quarter 4	1) Install yellow backed bend warning sign on B181 southbound approach with a 'Max Speed' sub-plate. 2) Replace both of the existing chevron signs for southbound traffic on the B181 with yellow backing boards (only one is currently yellow backed and the border is quite narrow). 3) Replace the existing chevron sign for westbound traffic on the B181 with one with a yellow backing board and cut back the adjacent vegetation surrounding it. 4) If there is sufficient verge width, install an additional yellow backed chevron for southbound traffic on the B181 to the offside of the unnamed road junction. 5) Add road studs around the centre line of the bend on the B181.	£15,000	
25	LEPP161003	Daws Hill j/w A112 Sewardstone Rd, Sewardstone	In Progress	Quarter 4	1) To investigate the feasibility/cost of removing the Bennett Island. There are various statutory undertaker's equipment and street furniture on the island which could potentially be costly to move. 2) If Bennett Island is to remain then the signing at the junction needs replacement/upgrading to reduce the clutter and ensure it is visible (yellow back the give way sign and replace/combine the flag signs). 3) Investigate the cost to move/replace the lamp column by the access into Woodlands (north of the junction) to the back of the verge so it doesn't affect the sightline from Daws Hill. 4) Replace the missing section of the northbound bend with junction warning sign and move the sign assembly so that it is not masked by the VAS sign.	£30,000	
26	LEPP161004	Reeves Lane jw Tylers Road, Roydon Hamlet	In Progress	Quarter 4	1) Replace the chevron signing at the bend which has been hit with yellow backed signs. 2) Renew the existing bend with junction ahead warning sign for eastbound traffic on yellow backing board positioned further from bend. Also add 'Max Speed 30' sub-plate. 3) Install new reflector posts around the outside of the bend. 4) Arrange for a scrim survey to be completed to check the skid resistance of the carriageway surface around the bend. 5) Drainage system to be checked to ensure it is working correctly. 6) Missing road studs around bend to be replaced. 7) Check repeater signing for 40mph speed limit is sufficient and enforceable as there appears to be a lack of repeater signs.	£25,000	
27	LEPP162001	North St, Pecks Hill, Sedge Green, Dobbs Weir Road.	2017/18 Financial year		A review is to be carried out looking into the signage of the weight limit.	£5,000	
28	LEPP162002	Middle Street, Nazeing - South of golf course entrance	In Progress	Quarter 4	Install chevron signs on the S bend to aid drivers.	£6,000	
29	LEPP162003	Church Lane and Harlow Road, Sheering	2017/18 Financial year		3 x advance signage to be installed on both approaches to Church Lane reading 'Unsuitable for HGVs'.	£4,000	
30	LEPP162004	Honey Lane (east of Wood Green Road), Waltham Abbey	In Progress	Quarter 4	Option study to aid pedestrians to cross the road.	£5,000	

Ref	COST CODE	SCHEME NAME	CURRENT STAGE	ANTICIPATED COMPLETION DATE	WORK DESCRIPTION	ALLOCATED BUDGET	COMMENTS
31	LEPP162006	Victoria Road, Buckhurst Hill	2017/18 Financial year		Install a dropped kerb along Victoria Road by Pegasus Court.	£3,500	
32	LEPP162008	High Road j/w Bassett Gardens, North Weald Bassett	2017/18 Financial year		Install 15 guardrails to prevent parking on the zig zag lines adjacent to the pedestrian crossing	£12,000	
33	LEPP162011	Forest Road j/w Smarts Lane, Loughton	2017/18 Financial year		To install additional bollards along the footway for a distance of 54m, from the first property in Forest Road to the junction of Smarts Lane. Install NWAAT restriction just passed the priority working and install junction protection markings at Smarts Lane	£15,000	
34	LEPP162012	A121 High Road, Loughton	2017/18 Financial year		Install signage to guide vehicles to the car park, Library and National Jazz Archive	£4,000	
35	LEPP162013	Clare Mews, Ongar	In Progress	Quarter 4	Install 'Keep Clear' Markings and name plate signage	£2,500	
36	LEPP162016	Motts Lane, Waltham Abbey	2017/18 Financial year		Signage review to be carried out to work out what can be done to increase the visibility of the existing signage to lorry drivers.	£2,000	
37	LEPP162017	Kiln Road, Bassett Gardens, Wheelers Farm Gardens and Harrison Drive, North Weald Bassett	In Progress	Quarter 4	Install 4 dropped kerbs with tactile paving.	£17,000	
38	LEPP162020	Brook Road, Epping	2017/18 Financial year		Install a blue advanced height warning sign to warn vehicles of the bridge	£2,000	
39	LEPP162021	Ivy Chimney Road, Epping	In Progress	Quarter 4	<b>FEASIBILITY STUDY</b> - to determine options to improve the parking issue along the footway.	£3,000	
40	LEPP162022	Staples Road / Shaftesbury, Loughton	2017/18 Financial year		Replace the existing wooden gate with a metal gate	£7,500	
41	LEPP162024	A113 Romford Road	2017/18 Financial year		The existing kerb inlet gullies are replaced. An additional gully and ditch re-grading is provided at the carriageways low spot to eliminate further ponding and eventual flooding.	£12,000	
42	LEPP162025	Watery Lane, Little Laver	2017/18 Financial year		Implementation of a Quiet Lane.	£6,000	
43	LEPP166001	Near 79 High road, Buckhurst Hill	2017/18 Financial year		Upgrade the flashing school warning sign.	£4,000	

Blank Page

## Section 106

Current Stage	Task Name	Cost Code	Delivery Method	Works Description	Comments
In Progress	CHURCH HILL - ZEBRA EPF1267	HB13002	Supply Chain Partner	New zebra crossing, Church Hill Loughton	Scheme design complete. Road closure & diversion requirements to be discussed with Essex Permit team, as nearby major works is causing this scheme implementation to be delayed.
In Progress	MILL LANE TRAFF CALM	HB15007	Supply Chain Partner	VAS to be installed	Design complete. Anticipated delivery by the end of the 2016/17 financial year.
Completed	LINGMERE CLOSE CHIGWELL REPAIRS	HB16048	Supply Chain Partner	Footway, kerbing and concrete road repairs	

## Ranger Report

Defect Date	Area Name	Site Name	Defect Location	Defect Description	Feature Type by Name	Status	Date Attended
02/09/2016 11:58	Nazeing	HYDE MEAD	S/o 1 by l/c 1 and School sign	RA 3=3x1. 3no misaligned/loose Pcc kerbs----Rangers	Local Road	Completed	06/09/2016
02/09/2016 12:00	Nazeing	HYDE MEAD	O/s 3	RA 3=3x1. Misaligned/loose Pcc kerb-----Rangers	Local Road	Completed	05/09/2016
02/09/2016 12:05	Nazeing	HYDE MEAD	Opp 9 at j/w Pound Close on grass triangle	RA 2=2x1. Prow sign fallen off post-----Rangers	Local Road	Completed	05/09/2016
05/09/2016 13:08	Theydon Bois	HORNBEAM CLOSE	O S no. 10-11	Ra3=1x3☒ Trees over hanging footway. Rangers.	Local Road	Completed	05/09/2016
05/09/2016 13:20	Theydon Bois	HORNBEAM CLOSE	O S no. 4-5	Ra3=1x3☒ Trees over hanging footway. Rangers.	Local Road	Completed	05/09/2016
07/09/2016 11:09	Nazeing	MAPLECROFT LANE	Opp Highland Road	RA 3=3x1. 4 no Misaligned/loose Pcc kerbs-----Rangers	Local Road	Completed	07/09/2016
07/09/2016 11:20	Nazeing	MAPLECROFT LANE	O/s 28 by gully	RA 2=2x1. 2no Misaligned/loose Pcc kerbs-----Rangers	Local Road	Completed	07/09/2016
08/09/2016 08:50	Theydon Bois	LOUGHTON LANE	Opp no. 10	Ra6=2x3☒ Blackberry bush over hanging footway by 50% Rangers.	PR2 Road	Completed	08/09/2016
09/09/2016 09:08	Nazeing	PALMERS GROVE	J/w Hoe Lane by playground	RA 3=3x1. Sign obscured by tree canopy----Rangers	Local Road	Completed	12/09/2016
12/09/2016 12:44	Ongar	GREENSTED ROAD	From lc s1 to cherry chase	Ra6 2x3 over grow vegetation on to fway (rangers work)	PR2 Road	Completed	13/09/2016
16/09/2016 08:41	Epping	CENTRE DRIVE	O S nos 21 centre drive	Ra6=2x3☒ Veg obscuring vision of drivers onto centre drive from j at western road.☒ Rangers	PR2 Road	Completed	19/09/2016
28/09/2016 08:13	Stapleford Abbots	footpath 22 Stapleford Abbots	Footpath outside high house , from high house heading towards Ongar	Ra4 1x4 overhanging veg in fway approx 150 m, Rangers work	footpath	Completed	28/09/2016
28/09/2016 08:17	Stapleford Abbots	footpath 12 Stapleford Abbots	From high house farm to woodlands farm	Ra4 1x4 overhanging veg in fway approx 100 m , Rangers work	footpath	Completed	28/09/2016
04/10/2016 09:01	EPPING TOWN	IVY CHIMNEYS ROAD	Between 2 bus stops from theydon road j towards ivy chimneys school.	Ra4=2x2☒ Brambles & other veg protruding onto footway.☒ Brambles obstructing footway cut back by inspector.☒ Rangers.	PR2 Road	Completed	04/10/2016
11/10/2016 13:42	ROYDON	EPPING ROAD	O/s Ada Cole Stables approx 50m from j/w Common Road	RA 2=2x1. Sign misaligned on post S6( facing wrong way. Rangers	PR1 Road	Completed	12/10/2016

## Ranger Report

12/10/2016 12:46	WALTHAM ABBEY TOWN	HONEY LANE	S/o Marriott Hotel by l/c 1	RA 3=3x1. Speed signs misaligned on post----Rangers.	PR1 Road	Completed	14/10/2016
13/10/2016 08:33	CHIGWELL TOWN	LAMBOURNE ROAD	Opp Canterbury close	Ra2 2x1 school sign dirty , Rangers work	PR2 Road	Completed	14/10/2016
17/10/2016 10:14	NAZEING	OLD NAZEING ROAD	O/s 83	RA 2=2x1. Post and bend sign misaligned-----Rangers	Local Road	Completed	18/10/2016
19/10/2016 09:15	EPPING UPLAND	EPPING ROAD	Opp travelers friend pub. S O pond	Ra3=1x3 Branches of bush protruding onto footway. Rangers	PR2 Road	Completed	12/10/2016
21/10/2016 10:10	LOUGHTON TOWN	NURSERY ROAD	Jw Smarts Lane	Ra4=2x2 Blue cycle information sign attached by 1 bolt, has come away at the top. ( RANGERS)	Local Road	Completed	24/10/2016
01/11/2016 11:21	ROYDON	PARKFIELDS	O/s 6	RA 4=4x1. Approx 10m of misaligned/loose kerbs and kerbs on verge----Rangers	Local Road	Completed	01/11/2016
01/11/2016 11:40	ROYDON	PARKFIELDS	O/s 44 by TP pole 93	RA 4=4x1. 6no misaligned/missing 6x5 Pcc kerb and placed on verge----Rangers	Local Road	Completed	01/11/2016
08/11/2016 10:04	ROYDON	THE GRANARY	S/o 16 and l/c FP11 by cover	RA 4=2x2. F/w defect/misaligned modular block paving 2no by 30mm----Rangers	Remote Footway (ws)	Completed	09/11/2016
08/11/2016 10:10	ROYDON	THE GRANARY	S/o 16 Opp l/c FP11	RA 4=2x2. F/w defect/misaligned modular block paving 0.4m x 0.4m x 30mm----Rangers	Remote Footway (ws)	Completed	09/11/2016
09/11/2016 09:50	EPPING TOWN	STEWARDS GREEN ROAD	Between the merry fiddlers pub & house no.60 towards bowers hill	Ra4=2x2 Tree branches protruding onto carriageway. Tree looks to have fallen.Rangers	PR2 Road	Completed	09/11/2016
16/11/2016 10:01	Lambourne	KNIGHTS WALK	Os 19	Ra6 3x2 kerb damaged 1 m x 0.1 m x 100 mm. Rangers	Local Road		