

Epping Forest Local Highway Panel Meeting Agenda

Date: Tuesday 6th September 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. Jonathan Dowding - Senior Transport Planner. David Sprunt - Transportation Strategy & Engagement. 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 7 th June 2016 to be agreed as correct record.	Chair	Attached
5.	Epping Forest District Cycling Action Plan	JD/DS	Presentation
6.	Scheme Update - B181 Epping Road j/w Common Road, Broadley Common (LEPP151004)	MV	Attached
7.	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"> • Cycling • Passenger Transport • PROW • Safer Roads • Traffic Management • Walking 	Chair/MV	Attached
8.	Indicative Programme list for Schemes Approved and Delivered from 2012/13 to 2016/17	MV	Attached for information
9.	S106/Rangers Update.	MV	Attached for information
10	AOB and Dates for Next Meeting – 13 th December.	All	Verbal

ECC/EFDC LOCAL HIGHWAY PANEL MINUTES

Committee: ECC/EFDC Local Highways Panel **Date:** Tuesday 7th June 2016

Place: Committee Room 2, Civic Offices, High Street, Epping **Time:** 18:00 – 20:00

Members Present: **County Councillors:**
Councillors J Knapman, R Gadsby, A Jackson, V Metcalfe, M McEwen, C Pond and J M Whitehouse.

District Councillors:
Councillors R Bassett, K Chana, C Roberts, N Avey and E Webster.

Other Councillors: Councillors G Waller

Apologies: Councillor G Chambers, P Keska.

Officers Present: M Valentine (HLO - Ringway Jacobs | Essex County Council) and S Church (Highways Liaison Manager – Ringway Jacobs | Essex County Council), Anthony-Louis Belgrave (Chigwell Parish Council)

1. ELECTION OF CHAIRMAN/DEPUTY CHAIRMAN FOR 2016/17

It was proposed by Councillor E Webster, and seconded by Councillor K Chana that Councillor J Knapman should continue as Chairman for the Local Highways Panel during the 2016/17 financial year.

It was proposed by Highways Liaison Manager S Church, and seconded by Councillor E Webster that Councillor V Metcalfe should continue as Vice-Chairman for the Local Highways Panel during the 2016/17 financial year.

AGREED

The Local Highways Panel agreed that Councillor J Knapman, and Councillor V Metcalfe would continue as Chairman, and Vice-Chairman for the year 2016/17 financial year respectively.

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 15th March 2016 be taken as read and signed by the Chairman as a correct record.

4. EPPING FOREST LHP 2016-17 SUMMARY

The Chairman, and Local Highway Panel (LHP) were advised by the Highways Liaison Officer (HLO) of the present value of the scheme in light of the decisions taken at the Essex County Council meeting, held on Tuesday 9th February 2016.

5. SCHEME RECOMMENDATIONS

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; highway widening project to be re-examined by the ECC Road Safety Team to determine requirement. Conclusions will be present to LHP at subsequent meeting.

(5) School Crossing Patrol

No Change.

(6) Traffic Management

Item 10 – 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 survey of traffic flow along the aforementioned road. To be progressed.

Item 13 – B181 Lindsey Street, Epping; after discussion it was agreed that this project would be re-examined to determine feasibility. To be progressed.

Item 15 – Stonards Hill, Epping; speed reduction and traffic calming measures. After discussion it was agreed that this project would be removed from the potential schemes list.

Item 18 — Walton Gardens, Waltham Abbey; to improve the radius and width of the road to enable vehicles to not mount the kerb. Ownership of bordering land to be established. To be progressed.

Item 19 – Parklands, Waltham Abbey; improve crossing facilities and traffic calming measures. After discussion it was agreed that this project would be removed from the potential schemes list.

Item 21 – Bell Common, Epping; implement traffic calming measures. After discussion it was agreed that this project would be removed from the potential schemes list.

Item 22 – Highfield Place j/w B1393 High Road, Epping; install keep clear markings. After discussion it was agreed that this project would be removed from the potential schemes list.

Item 23 – Kendal Avenue, Epping; traffic calming measures. After discussion it was agreed that this project would be re-examined to determine feasibility, as the required traffic survey was wrongly sited. To be progressed.

(7) Quiet Lanes

Clays Lane, Loughton; Implement Quiet Lane; after discussion it was agreed that this project would be removed from the potential schemes list. To be progressed.

(8) Walking

No Change

(9) Potential Revenue

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 Highway Panel on the schemes approved and delivered from 2012/13 to 2015/16.

(1) Traffic Management

Item 1 – Crooked Mile, Waltham Abbey; signal controlled crossing. The HLO informed members that one factor to the delays in the implementation of this scheme were due to the absence of a required project manager, and that the anticipated start date would now be Tuesday 30th August 2016. The duration of this project would be six to eight weeks.

Item 2 – Vicarage Lane j/w Manor Road, Chigwell. The HLO updated members on the present situation. The anticipated start date would now be Monday 11th July 2016, whilst the duration of this project would be approximately eleven days.

Item 31 – B181/Upland, Epping Upland. After discussion the HLO advised members that he would look to see if the feasibility study would be made available for completion this financial year.

After discussion it was moved by the Chairman and **RESOLVED:**

That this information be **NOTED**.

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. After discussion it was moved by the Chairman and **RESOLVED:**

8. ANY OTHER BUSINESS

(1) Theydon Bois Finger Sign Post Maintenance

The HLO advised the Panel that the previously suggested Finger sign-post maintenance project would require the requisite insurance arrangements in order to progress. This requirement will be considered by the respective representatives, and a response given in due course.

(2) Passenger Transport

The Chairman advised the Panel that the investigation into the feasibility of a 'Hail & ride' scheme being introduced was progressing, and engagement with the respective authorities continues. The Panel would be advised of any outcomes at the following LHP meeting.

(3) Budgetary Matters

After discussion the Chairman expressed concerns of the absence of accountability from private contractors employed on behalf of ECC Highways to undertake the approved schemes. This concern was reiterated by members, and after further discussion it was agreed that Panel representatives of ECC Highways would investigate the feasibility of more transparency with respect to how the allocated budget is calculated for suggested, as well as approved schemes.

9. FUTURE MEETING ARRANGEMENTS

Members agreed that the next meeting of the LHP would be held at the Civic Offices on Tuesday 6th September 2016 at 6.00pm.

RESOLVED:

- (1) That the next meeting of the Local Highways Panel would be held at the Civic Offices on Tuesday 6th September 2016 at 6.00pm.

CHAIRMAN

B181 Epping Road j/w Common Road, Broadley Common (LEPP151004)

The above Casualty Reduction scheme was recommended by the Epping Forest LHP Members within the 2015/16 financial year for delivery with an allocated budget of £12,000. However, as you can see from the attached report the original estimated delivery cost was £30,000.

As seen in the report there were 9 collisions over a 5 year period. However, having recently spoken to the Road Safety engineer there have now been 13 collisions in the last 5 years. Investigations have indicated that the current road layout is a contributory factor to the number of collisions which are occurring.

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

Construction cost - £20,568

Detailed design, topographical survey, traffic management and road safety audit (RSA) 1&2 - £6,623

Total - £27,191

As ECC have a duty of care to delivery casualty reduction schemes and with the scheme now at the stage of being programmed for delivery, I would be grateful for your support with a top up of £15,200. The scheme can be programmed for delivery within Quarter 3 subject to the agreement of the top up.

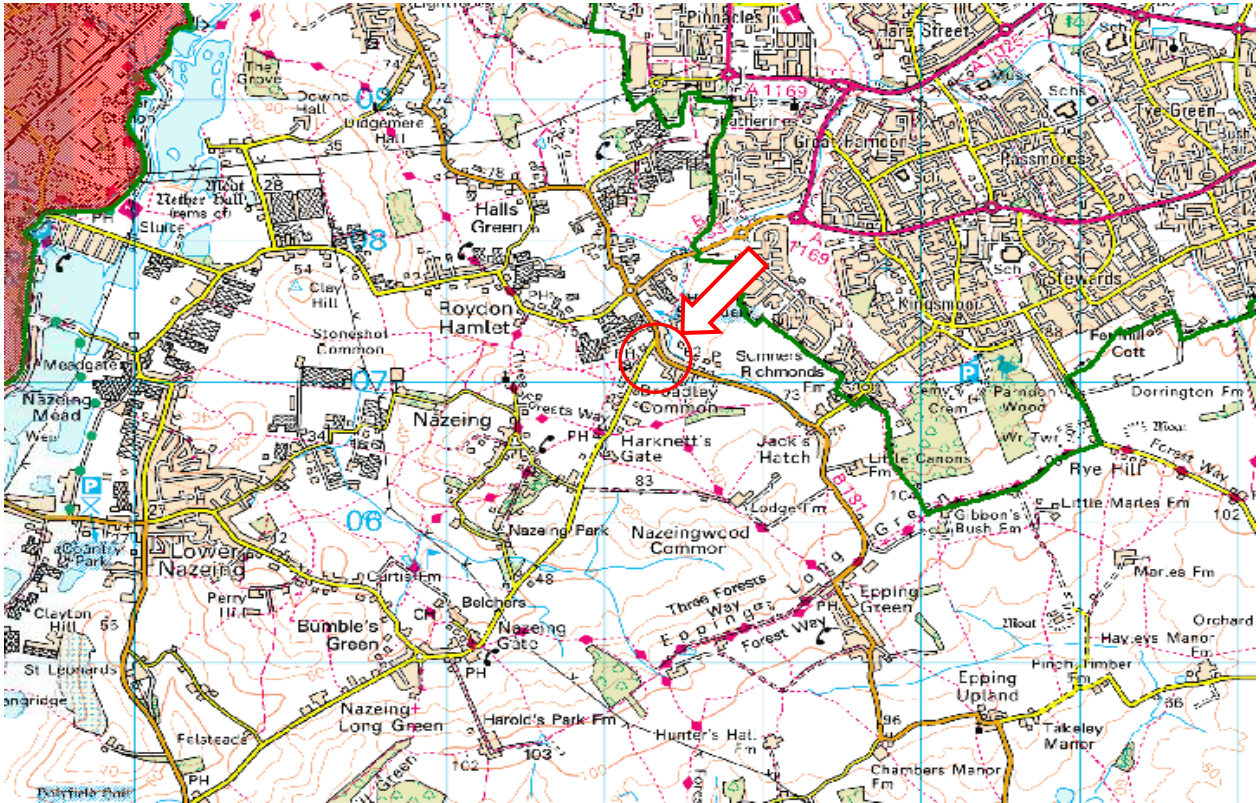
ECC Casualty Reduction Site Investigation 2014/15

Location: B181 Epping Road J/w Common Road, Broadley Common

District: Epping

Investigation Period: 01/10/2008 to 30/09/2013 Grid Reference: 542325 207257

1.0 Site Location Plan



2.0 Aerial Photograph

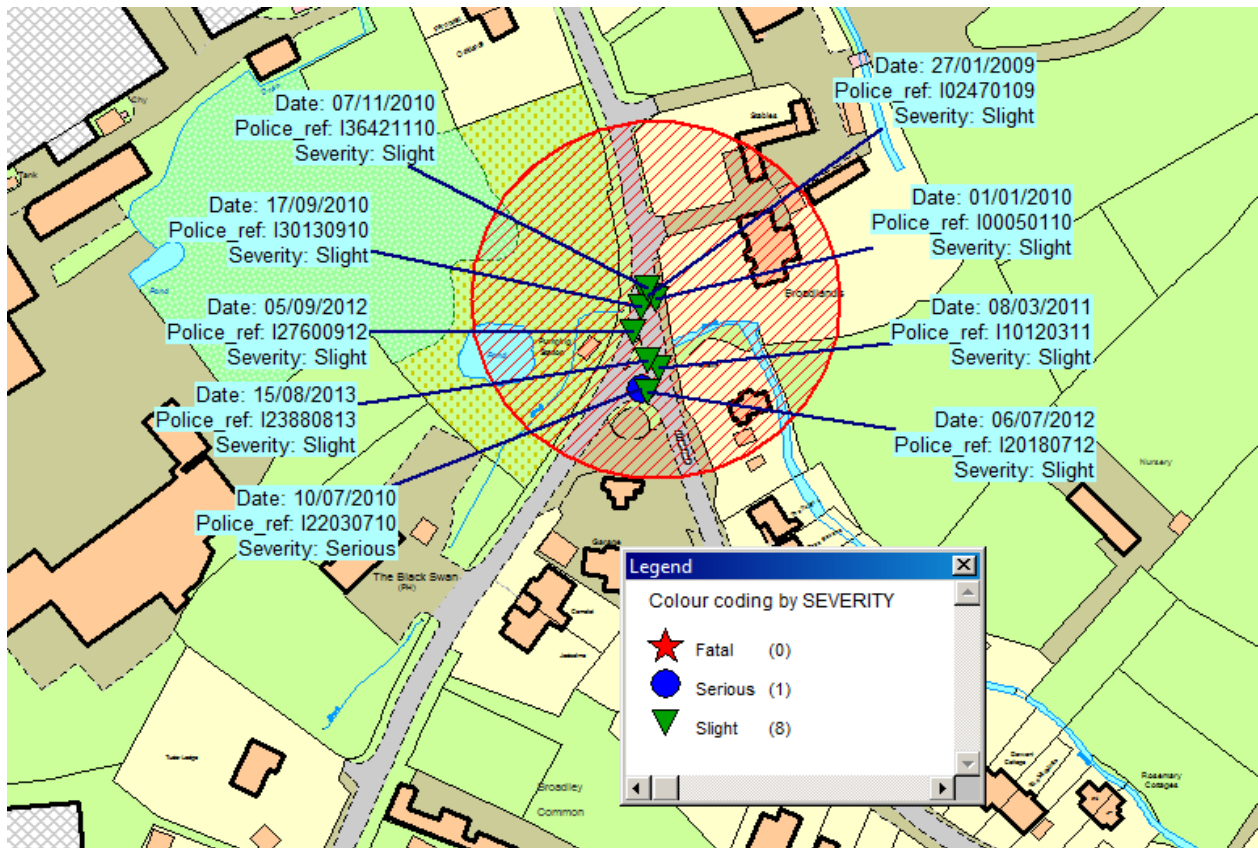


3.0 Site Description

The site under investigation is the existing partial Bennett junction of B181 Epping Road with Common Road in Broadley Common.

B181 Epping Road and Common Road are both single carriageway roads subject to speed limits of 40mph.

4.0 Personal Injury Collision Analysis (see AccsMap Data & attached stick diagrams)



A study of the Personal Injury Collision (PIC) data for the period from 01/10/2008 to 30/09/2013 at this location shows a pattern of nose to tail and fail to give way collisions involving motorists approaching the junction on Common Road.

The data shows there have been 9 PIC's at this location, 1 Serious and 8 Slight, resulting in 1 Serious and 10 Slight casualties.

22% of the PIC's occurred in 'Wet/Damp' conditions and 33% occurred during the hours of darkness.

5.0 Site Observations

5.1 Visibility to the left and right can be restricted for motorists as they wait at either of the give way lines on Common Road when queuing vehicles are waiting at the adjacent give way lines. Visibility to the right can sometimes also be restricted by the presence of stationary vehicles parked close to the edge of the carriageway within the 'Weatherwhites' car dealership located to the southern corner of this junction. After a highway boundary search it appears that a number of vehicles are parked within the highway boundary.



Photo 1 – Vehicles parked close to the edge of the carriageway on B181 Epping Road at the southern corner of the junction.

- 5.2 Due to the unusual alignment on the Common Road approach it is difficult to appreciate which traffic lane motorists should enter in order to continue their journey and it may be difficult for some motorists to appreciate that they are approaching a priority junction.
- 5.3 It was observed that there is a yellow backed 'Give way' sign present to the nearside of the carriageway on the Common Road approach but this is partially obscured by overgrown vegetation and cannot be seen in advance of the junction. It also appears that the two yellow backed 'Give way' signs located within the central traffic island are partially obscured by a poorly sited speed limit terminal sign immediately in front of them.



Photo 2 – Common Road approach to junction. Nearside 'Give way' sign obscured by vegetation. Other 'Give way' signs within central traffic island obscured by speed limit terminal sign.

5.4 It was observed that numerous motorists appear to cut the corner of the opposing lane as they turn right into Common Road from B181 Epping Road. Whilst there doesn't appear to be any collisions recorded attributed to this movement it is possible that such movements could have led to some of the nose to tail type collisions that have been recorded on the Common Road approach to the give way lines.



Photo 3 – Motorists cutting corner of the junction as they turn right into Common Road.

5.5 It was observed that existing directional signage at the junction is either in poor condition or obscured by overgrown vegetation.



Photo 4 – Directional signage at the junction.

6.0 Recommendations

Following the site inspection and an analysis of the previous Personal Injury Collisions, it is recommended that the following measures are undertaken:

- 6.1 Replace the existing partial Bennett junction with a standard priority junction consisting of a small central traffic island separating opposing traffic flows on Common Road. Standard keep left bollard to be used within the island.
- 6.2 Re-align the kerb lines to the east and west of Common Road close to the junction with B181 Epping Road to create a smoother alignment towards the give way lines and create a clear zone to improve visibility splays in both directions
- 6.3 Investigate the highway boundary and where necessary provide physical barriers to prevent vehicles, particularly those belonging to the 'Weatherwhites' car dealership from being parked within the highway boundary where they may restrict the visibility splays.
- 6.4 Cut back any overgrown vegetation throughout the junction where it restricts visibility splays or forwards visibility to traffic signs.
- 6.5 Relocate / provide a new yellow backed 'Give way' sign to the nearside of the carriageway on the Common Road approach to the junction. Subject to the kerb re-alignment mentioned in 6.2 (above) forward visibility to the sign should become unobstructed.
- 6.6 Review all existing local directional signs at the junction and ensure that appropriate new signs are provided opposite the re-aligned Common road approach to the junction.

7.0 Economic Analysis

<i>Detailed Design and Scheme Build Cost (Estimated value which is subject to change once the design is finalised)</i>	<i>£30,000</i>
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EPPING FOREST DISTRICT COUNCIL WITH ESSEX COUNTY COUNCIL LOCAL HIGHWAY PANEL – 6th SEPTEMBER 2016 POTENTIAL CAPITAL SCHEMES

As the Local Highways Panel capital budget for the 2016-17 financial year has been recommended and signed off by the Cabinet Member, the potential schemes list represents the projects which the panel can consider for funding in the 2017-18 financial year.

We would encourage all parties to continue submitting their requests so that the validation process can continue to be undertaken in the meantime.

The following list identifies all of the scheme requests which have fed into the Epping Forest LHP. 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	£0
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
1	Epping Forest	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.	Epping Forest	Feasibility	LEPP154001	£0	Awaiting specific scheme from Cycling Action Plan	A

Passenger Transport

Total Value of schemes	£37,500
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Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
1	Bus stop IM379b Brook Parade	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	Chigwell Rise, Chigwell	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
3	Bushfields, Loughton - 1500IM399B (parkmead)	Install metal bus shelter	Highly used stop with no seats or shelter	Loughton	Total scheme	LEPP165004	£6,500		G

Passenger Transport

Total Value of schemes	£37,500
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Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
4	Colson road, Loughton - 150042014010 (chequers Road)	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
5	Bushfields, Loughton - 1500IM399B (parkmead)	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
6	Newmans Lane Loughton - 150042013003 (Hatfields)	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
7	42001003 Stops at Baldwins Hill	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

Public Rights of Way

Total Value of schemes	£224,000
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Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
1	Byway 21	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
2	Footpath 18 - Staples Hill, Loughton	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
3	Public Footpath 109 Loughton. Known locally as the "Oatley Path"	Surfacing works are required along the path to the rear of Harwater Drive		Loughton	Total scheme	LEPP168007	£15,000		G

Public Rights of Way

Total Value of schemes	£224,000
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Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
4	Byway 61, Willingale	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
5	Footpath 3	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
6	Bridleway 66	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

Public Rights of Way

Total Value of schemes	£224,000
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Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
7	Bridleway 89	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

Safer Roads

Total Value of schemes	£25,000
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Allocated Budget	Comments	RAG
	St Leonards Rd/Nazeing Rd/North St/Middle St, Lower Nazeing	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	£122,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
1	B172 Abridge over river Roding	<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
2	Loughton Way j/w River road, Buckhurst Hill	Install dropped kerbs with tactile paving and a pedestrian refuge.	Buckhurst Hill	Feasibility	LEPP162015	£3,500		G

Traffic Management

Total Value of schemes	£122,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
3	Station Road, Chigwell	Legal Fees for land acquisition, topo survey and detailed design for widening Station Road.	Chigwell	Design		£12,000	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	G
4	B1393 High Road/Theydon Road, Epping	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

Traffic Management

Total Value of schemes	£122,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
5	Woodberry Down, Epping	Salt bin request	Epping	Total scheme		£0	The gradient of the hill does not meet the criteria as set out in the Highway Practice Note. The road has to be on a steep incline with a gradient greater than 5% for a minimum length of 50m.	R
6	B181 Lindsey Street, Epping	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
7	Severns Field, Epping	Salt bin request	Epping	Total scheme		£0	The gradient of the hill does not meet the criteria as set out in the Highway Practice Note. The road has to be on a steep incline with a gradient greater than 5% for a minimum length of 50m.	R

Traffic Management

Total Value of schemes	£122,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
8	Tidy's Lane, Epping	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
9	Kendal Avenue, Epping	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
10	All roads leading into and through the forest	Signage investigation to direct any 'lost' HGV's drivers to the more suitable roads.	Epping Forest	Feasibility	LEPP162009	£10,000		G

Traffic Management

Total Value of schemes	£122,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
11	B181/Upland Road	Feasibility to look at improving this junction	Epping Upland	Feasibility		£0	Awaiting feasibility completion	A
12	The Street, High Ongar	Traffic calming measures	High Ongar	Total scheme		£0	Against policy. The speed limit at this location is 30mph. Following the 7day speed and volume survey, the average daily speed east bound was 24.2mph and 26.1mph west bound. This would be deemed very good compliance. There have been no accidents along this stretch of road.	R

Traffic Management

Total Value of schemes	£122,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
13	Various - Loughton	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. Sparelease 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

Total Value of schemes	£122,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
14	Pyrles Lane, Chester Road, Hillyfields 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	G
15	Lower road, Loughton	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
16	Pump Hill, Loughton	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

Traffic Management

Total Value of schemes	£122,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
17	Willingale Road, Loughton	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
18	Laundry Lane, Nazeing	To implement a No through Road or install a lockable gate.	Nazeing	Total scheme		£0	As the combined 7 day average daily volume was 89 vehicles, officers are against stopping this road up as it would affect all road users. 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.	R
19	Hoe Lane, Nazeing	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

Total Value of schemes	£122,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
20	The Street j/w Crown Close, Sheering	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
21	A113 London road, Stanford Rivers – North of Church road	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
22	A113 London road, Stanford Rivers -	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	Upshire road, Waltham Abbey	For safety measures and parking bays by Upshire Primary School	Waltham Abbey	Total scheme		£0	In validation	V

Traffic Management

Total Value of schemes	£122,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
24	Powdermill Lane j/w Leaview, Waltham Abbey	Detailed design to determine whether an overrun area could be constructed.	Waltham Abbey	Design	LEPP162032	£2,000		G
25	Baden Drive, Waltham Abbey	Install junction protection marking for 15m	Waltham Abbey	Total scheme	LEPP162032	£3,500		G

Walking

Total Value of schemes	£0
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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	Implementation of a footpath	Loughton	Total scheme		£0	Awaiting further information.	A
2	Church Road	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

**EPPING FOREST DISTRICT COUNCIL WITH ESSEX COUNTY
COUNCIL
LOCAL HIGHWAY PANEL – 6th SEPTEMBER 2016
APPROVED SCHEMES UPDATE**

From the panel meetings in March and June the Epping Forest Members have recommended £242,000 following the budget amendments for the 2016/17 financial year. Since then officers have been working hard to set the programme for this financial year.

The programme consists 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. If the panel wish to make any amendments to the programme they will need to consider the impact on schemes which will need to be reprogrammed as a result and there will be abortive costs incurred.

You will see from the Approved Schemes List that some dates will 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.

Epping District Approved Scheme List

Key:	Completed schemes
	Live Schemes

Ref	COST CODE	SCHEME NAME	CURRENT STAGE	ANTICIPATED COMPLETION DATE	WORK DESCRIPTION	ALLOCATED BUDGET	COMMENTS
2012/13 Budget Capital Schemes							
1	LEPP002013	Crooked Mile, Waltham Abbey	In Progress	07/10/2016	Signal controlled crossing	£125,000	Worked started 30th August for 5 weeks.
2014/15 Budget Capital Schemes							
2	LEPP142002	Vicarage Lane j/w Manor Road	In Progress	30/09/2016	Junction improvements	£185,000	Essex Highways will carry out the civils works from 12th September
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 - The Land and stopping up order will be complete in 2016/17, with the delivery 2017/18.
4	LEPP142029	A121/ B194 Highbridge Street/Beaulieu drive, Waltham Abbey	In Progress	Quarter 3	Junction and signal improvements	£39,600	
5	LEPP142049	St Leonards Road	Completed	14/06/2016	Install village gateway and repositioning of VAS	£19,000	
2015/16 Budget Capital Schemes							
6	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.
7	LEPP151004	B181 Epping Road j/w Common Road, Broadley Common	In Progress	Quarter 3	Replace the existing partial Bennett junction with a standard priority junction consisting of a small central traffic island; Re-align the kerb lines 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	Awaiting top up approval.
8	LEPP151009	Sedge Green j/w Dobbs Weir Road, Nazeing	2017/18 Financial year		Install bollards on corner of junction.	£2,000	
9	LEPP151010	A113 Abridge Road, Chigwell	In Progress	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	
10	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
11	LEPP151015	A121 Woodridden 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	Land acquisition needed for a sign that is to be placed on Corporation of London (CoL)- Awaiting response from CoL officers
12	LEPP152001	Church Road, Buckhurst Hill	2017/18 Financial year		Letter drop for informal consultation with residents for possible one way system	£1,500	
13	LEPP152003	Oakwood Hill, between River Way and Lower Alderton Hall Lane	In Progress	Quarter 3	Upgrade signing, lining and lighting units.	£10,000	
14	LEPP152004	Moreton Bridge, Bridge Road, Moreton	In Progress	Quarter 3	Re-alignment of the layby.	£25,000	
15	LEPP152021	A113, Ongar Road, Abridge	Completed	17/06/2016	To install a VAS travelling South-West within the 30mph limit before reaching the village.	£8,500	
16	LEPP152027	A121 Goldings Hill, Loughton, junction with A1168 Rectory Lane	In Progress	Quarter 4	Install 2x zebra crossing warning signs with distance sub plates. Install lane lining with directional arrows.	£10,000	

Ref	COST CODE	SCHEME NAME	CURRENT STAGE	ANTICIPATED COMPLETION DATE	WORK DESCRIPTION	ALLOCATED BUDGET	COMMENTS
17	LEPP152033	Horseshoe Hill, Waltham Abbey	In Progress	Quarter 3	Installation of a VAS.	£8,500	
18	LEPP152041	Traps Hill j/w Rowans Way and Church Lane, Loughton	In Progress	Quarter 3	Install a mini roundabout at Church Lane junction and resurface 50m of high skid materials on each approach.	£73,300	
19	LEPP152046	Debden Lane, Loughton	In Progress	Quarter 3	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	
20	LEPP152049	Ivy Chimney Road, Epping	Completed	19/08/2016	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	
21	LEPP152050	B181/Upland Road, Epping Upland	In Progress	Quarter 4	FEASIBILITY STUDY - 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	
22	LEPP153001	Hemnal Street, Epping	In Progress	tbc	Footway and dropped kerbing	£7,500	Land acquisition needed. The Epping Forest & Commons Committee never granted permission and therefore discussions are needed on a way forward.
23	LEPP154001	Epping Forest, Cycle Strategy	Completed	19/08/2016	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 costs	£10,000	
24	LEPP151013	A104 Epping New Road junction with A1069 Rangers Road	In Progress	Quarter 3	Design, supply and install variable message signs	£80,000	
2016/17 Budget Capital Schemes							
25	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	
26	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	
27	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	
28	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	
29	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	

Ref	COST CODE	SCHEME NAME	CURRENT STAGE	ANTICIPATED COMPLETION DATE	WORK DESCRIPTION	ALLOCATED BUDGET	COMMENTS
30	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	
31	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	
32	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	
33	LEPP162006	Victoria Road, Buckhurst Hill	2017/18 Financial year		Install a dropped kerb along Victoria Road by Pegasus Court.	£3,500	
34	LEPP162008	High Road j/w Bassett Gardens, North Weald Bassett	2017/18 Financial year		Install 15 guard rails to prevent parking on the zig zag lines adjacent to the pedestrian crossing	£12,000	
35	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	
36	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	
37	LEPP162013	Clare Mews, Ongar	In Progress	Quarter 4	Install 'Keep Clear' Markings and name plate signage	£2,500	
38	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	
39	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	
40	LEPP162020	Brook Road, Epping	2017/18 Financial year		Install a blue advanced height warning sign to warn vehicles of the bridge	£2,000	
41	LEPP162021	Ivy Chimney Road, Epping	In Progress	Quarter 4	A feasibility study to be carried out to determine options to improve the parking issue along the footway.	£3,000	
42	LEPP162022	Staples Road / Shaftesbury, Loughton	2017/18 Financial year		Replace the existing wooden gate with a metal gate	£7,500	
43	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	
44	LEPP162025	Watery Lane, Little Laver	2017/18 Financial year		Implementation of a Quiet Lane.	£6,000	
45	LEPP166001	Near 79 High road, Buckhurst Hill	2017/18 Financial year		Upgrade the flashing school warning sign.	£4,000	

S106 Programme

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 continuing. Road closure & diversion requirements to be discussed with Essex Permit team, as nearby major works may cause this scheme implementation to be delayed.
In Progress	LINGMERE CLOSE CHIGWELL REPAIRS	HB16048	Supply Chain Partner	Footway, kerbing and concrete road repairs	Design & costing completed - works to be ordered

Epping Forest Highway Rangers

Defect Date	Area Name	Site Name	Defect Location	Defect Description	Feature Type by Name	Status	Date Attended
13/06/2016 09:21	Waltham Abbey	LEVERTON WAY	Opp Bemors on post S3	RA 4=4x1. Sign misaligned on post----Rangers	Local Road	Completed	14/06/2016
13/06/2016 09:21	Waltham Abbey	LEVERTON WAY	Opp Bemors on post S3	RA 4=4x1. Sign misaligned on post----Rangers	PR1 Road	Completed	14/06/2016
13/06/2016 09:24	Waltham Abbey	LEVERTON WAY	O/s Keepmoat by j/w Church Street on l/c 1	RA 2=2x1. Sign misaligned on post----Rangers	PR1 Road	Completed	15/06/2016
15/06/2016 10:21	Chigwell	AUDLEIGH PLACE	From toms wood hill to no 16	Ra4 1x4 veg needs cutting back to private land (Rangers)	Local Road	Completed	16/06/2016
16/06/2016 13:56	Loughton	SYCAMORE CLOSE	Between 16-17	Ra4=1x4 Vegetation overgrown on remote fw (Rangers)	Remote Footway (ws)	Completed	17/06/2016
17/06/2016 12:34	Waltham Abbey	UPSHIRE ROAD	Approx 25m from j/w Woodgreen road opp l/c 32	RA 3=3x1. Speed sign obscured by vegetation----Rangers	PR2 Road	Completed	17/06/2016
17/06/2016 12:40	Waltham Abbey	UPSHIRE ROAD	Opp 226 approx 30m from j/w Woodgreen Road on post S7	RA 3=3x1. Priority sign obscured by vegetation----Rangers	PR2 Road	Completed	20/06/2016
21/06/2016 15:27	Waltham Abbey	BURY ROAD	O/s Highbury	RA 2=2x1. Horse and Rider sign misaligned---Rangers	PR2 Road	Completed	22/06/2016
21/06/2016 15:27	Waltham Abbey	BURY ROAD	O/s Highbury	RA 2=2x1. Horse and Rider sign misaligned---Rangers	PR2 Road	Completed	22/06/2016
22/06/2016 09:32	Waltham Abbey	CROSS ROADS	On traffic build out 30m from J/w Pauls Nursery Road	RA 3=3x1. K/d Wooden Bollard----Rangers to remove?	PR2 Road	Completed	23/06/2016
01/07/2016 12:54	Waltham Abbey	BURY ROAD	O/s and opp Knoll House approx 50m from Gilwell Park	RA 3=3x1. Speed/Parish signs obscured by vegetation--Rangers	PR2 Road	Completed	04/07/2016
05/07/2016 14:14	Loughton	LADYFIELDS CLOSE	LC FP1	Ra4=2x2 Hedge overgrown onto Fw. Requires cutting back. (RANGERS)	Remote Footway (ws)	Completed	06/07/2016
06/07/2016 14:40	Loughton	CAMPIONS	Whole asset	Ra2=1x2 Vegetation becoming overgrown. (RANGERS)	Remote Footway (ws)	Completed	04/08/2016
07/07/2016 07:48	Willingale	MILLERS GREEN ROAD	Though out the road	Ra4 1x4 blocked grips Rangers work	Local Road	Completed	08/07/2016
07/07/2016 13:04	North Weald Bassett	PARK AVENUE	Whole length of rd	Ra4=1x4 Cones placed along Cw by third party. RANGERS	Local Road	Completed	07/07/2016

Epping Forest Highway Rangers

07/07/2016 14:44	Loughton	ALDERTON WAY	S/o 2	RA 3=3x1.  K/d Concrete bollard on fw--rangers	Local Road	Completed	08/07/2016
15/07/2016 08:42	Epping	IVY CHIMNEYS ROAD	Oppo lc3	Ra4 1x4 hedge needs cutting back (rangers work)	PR2 Road	Completed	19/07/2016
04/08/2016 12:49	Waltham Abbey	COBBINSEND ROAD	Approx 30m from Cobbins Brook	RA 2=2x1. Signs misaligned on post----Rangers.	Local Road	Completed	05/08/2016
04/08/2016 12:54	Waltham Abbey	COBBINSEND ROAD	By Cobbins Brook	RA 2=2x1. Signs dirty/misaligned/obscured by veg----Rangers.	Local Road	Completed	05/08/2016
04/08/2016 14:18	Waltham Abbey	WOODGREEN ROAD	J/w Woodridden Hill by The Woodbine PH	RA 3=3x1. No entry sign misaligned on post-----Rangers	Local Road	Completed	05/08/2016
04/08/2016 14:24	Waltham Abbey	WOODGREEN ROAD	O/s 8 approx 50m before j/w Honeypot Lane	RA 3=3x1. No entry sign misaligned on post-----Rangers	Local Road	Completed	05/08/2016
05/08/2016 08:22	Waltham Abbey	Hillhouse	O/S B and D Laptops	RA 6=2x3. F/w defect/depressed modular paving blocks approx 0.8m x 0.7m x 30mm----Rangers	Local Road	Completed	08/08/2016
05/08/2016 08:22	Waltham Abbey	HILLHOUSE	O/s B and D Laptops	RA 6=2x3. F/w defect/depressed modular paving blocks approx 0.8m x 0.7m x 30mm----Rangers	Local Road	Completed	08/08/2016
05/08/2016 08:43	Waltham Abbey	SKILLET HILL	From l/c HL21 to M25 Bridge	RA 4=1x4. Overgrown vegetation encroaching onto f/w----Rangers	PR1 Road	Completed	08/08/2016
05/08/2016 08:43	Waltham Abbey	SKILLET HILL	From l/c HL21 to M25 bridge	RA 4=1x4. Overgrown vegetation encroaching onto f/w----Rangers	PR1 Road	Completed	08/08/2016
08/08/2016 12:34	Waltham Abbey	HONEY LANE	S/o Marriott Hotel from l/c 1 to 3	RA 6=2x3. Overgrown vegetation encroaching onto f/w----Rangers.	PR1 Road	Completed	08/08/2016
09/08/2016 09:01	Waltham Abbey	LEVERTON WAY	O/s Keepmoat opp Greenyard	RA 2=2x1. Sign misaligned on post----Rangers	PR1 Road	Completed	10/08/2016
09/08/2016 12:24	Waltham Abbey	SUN STREET	O/s The Angel Ph	ASSET 1001. RA 1=1x1. Misaligned/loose modular f/w block----rangers	PR1 Road	Completed	10/08/2016
09/08/2016 12:26	Waltham Abbey	SUN STREET	o/s opticians s/o south place	ASSET 1001. RA 2=2x1. 2no loose blocks----poss rangers-----OLYMPIC ROUTE	PR1 Road	Completed	10/08/2016
09/08/2016 12:26	Waltham Abbey	SUN STREET	O/s entrance to Rehab	ASSET 1001. RA 2=2x1. Cement fillet around Twa cover breaking out 0.1m x 0.1m x 25mm----Rangers	PR1 Road	Completed	10/08/2016
09/08/2016 12:28	Waltham Abbey	SUN STREET	from the angel ph to barclays bank	ASSET 1001. RA 4=2x2. numerous singular loose f/w blocks----poss rangers-----OLYMPIC ROUTE	PR1 Road	Completed	10/08/2016

Epping Forest Highway Rangers

09/08/2016 12:29	Waltham Abbey	SUN STREET	O/s C&G	ASSET 1001. RA 3=3x1. F/w defect by m/h cover 0.3m x 0.1m x 20mm-----rangers	PR1 Road	Completed	11/08/2016
09/08/2016 12:29	Waltham Abbey	SUN STREET	ASSET 1001. O/s 11 sun street cafe	RA 3=3x1. F/w defect by m/h cover 0.3m x 0.1m x 20mm-----rangers	PR1 Road	Completed	11/08/2016
09/08/2016 12:30	Waltham Abbey	SUN STREET	O/s 3, Abbey Health foods	ASSET 1001. RA 2=2x1. Misaligned/loose modular f/w block----rangers	PR1 Road	Completed	11/08/2016
09/08/2016 12:30	Waltham Abbey	SUN STREET	O/s 3, Abbey Health Foods	ASSET 1001. RA 2=2x1. Misaligned/loose modular f/w block----rangers	PR1 Road	Completed	11/08/2016
09/08/2016 12:32	Waltham Abbey	SUN STREET	O/s 4, Pearleys	ASSET 1001. RA 2=2x1. Misaligned/loose modular f/w block----rangers	PR1 Road	Completed	12/08/2016
09/08/2016 13:55	Waltham Abbey	SEWARDSTONE ROAD	j/w farm hill road on centre traffic island	ASSET 1001. RA 3=3x1. loose tactile paving slab----poss rangers	PR1 Road	Completed	10/08/2016
09/08/2016 13:58	Waltham Abbey	SEWARDSTONE ROAD	By Tesco petrol station opp 2 Lexden Terrace	ASSET 1001. RA 6=3x2. 2no damaged guard rail panels--poss rangers to remove damaged panels----poss green claim	PR1 Road	Completed	10/08/2016
11/08/2016 14:09	Loughton	HIGH ROAD	Os lochfyne restaurant	Ra1=1x1 Cast Iron bollards in service Rd require painting (Rangers)	PR1 Road	Completed	11/08/2016