

## Epping Forest Local Highway Panel Meeting Agenda

Date: Tuesday 15<sup>th</sup> March 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 T Church, Cllr P Keska, Cllr J Lea, Cllr L Mead.

**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 11 <sup>th</sup> January 2016 to be agreed as correct record.	Chair	Attached
	5.	Epping Forest LHP 2016-17 Budget Summary	SC/MV	Attached
	6.	Potential schemes for consideration within the 2016/17 financial year. <ul style="list-style-type: none"> <li>• Cycling</li> <li>• Passenger Transport</li> <li>• PROW</li> <li>• Safer Roads</li> <li>• School Crossing Patrol</li> <li>• Traffic Management</li> <li>• Quiet Lanes</li> <li>• Walking</li> <li>• Revenue</li> </ul>	Chair/MV	Attached
	7.	Indicative Programme list for Schemes Approved and Delivered from 2012/13 to 2015/16	MV	Attached for information
	8.	S106/Rangers Update.	MV	Attached for information
	9.	AOB and Dates for Next Meeting – 7 <sup>th</sup> June.	All	Verbal
	10	Appendix		Attached for information

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

**Committee:** ECC/EFDC Local Highways Panel      **Date:** Monday, 11<sup>th</sup> January 2016

**Place:** Committee Room 2, Civic Offices, High Street, Epping      **Time:** 18:00 – 19:10

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

Councillors J Knapman, Mrs M McEwen, C Pond and J M Whitehouse.

**District Councillors:**

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

**Apologies:** County Councillors Mrs R Gadsby, A Jackson, Mrs V Metcalfe. District Councillors, K Chana.

**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)

### **26. MINUTES**

#### **RESOLVED:**

That the minutes of the meeting held on 17<sup>th</sup> September 2015 be taken as read and signed by the Chairman as a correct record.

### **27. SCHEME RECOMMENDATIONS 2016/17**

The Chairman, Highways Liaison Officer, and Local Highway Panel considered the 2016/17 Scheme list to determine which schemes should remain or be removed from the potential schemes list for consideration within the 2016/17 financial budget.

#### **(1) Cycling**

No Change

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

Bus Stop IM379b Brook Parade – LEPP155003. Completed.

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

No Change.

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

No Change.

## Local Highways Panel

### (5) School Crossing Patrol

No Change.

### (6) Traffic Management

All potential schemes with a **GREEN** status were agreed to remain on the list.

All potential schemes with an **AMBER** status were agreed to remain on the list.

All potential schemes with a **RED** status were agreed to be removed from the list for consideration except;

Item 4 – Abridge Road j/w Pudding Lane, Chigwell – LEPP152035.

### (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 the next meeting.

## 28. INDICATIVE PROGRAMME LIST

The HLO advised members of the Highway Panel on the schemes approved and delivered from 2012/13 to 2015/16. After discussion it was moved by the Chairman and **RESOLVED:**

That this information be **NOTED**.

## 29. 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:**

## 30. ANY OTHER BUSINESS

## **Local Highways Panel**

### **(1) Match Funding Proposal**

After discussion the Chairman advised the Panel that he intended to meet with County Councillor Eddie Johnson to discuss the possibility of creating a Match Funding arrangement in tandem with various local Parishes to fund the maintenance of dilapidated sign-posts throughout the district. The Panel would be advised of the outcome of this dialogue at the following LHP meeting.

## **31. FUTURE MEETING ARRANGEMENTS**

Members agreed that the next meeting of the LHP would be held at the Civic Offices on Tuesday 15<sup>th</sup> March 2016 at 6.00pm.

### **RESOLVED:**

(1) That the next meeting of the Local Highways Panel would be held at the Civic Offices on Tuesday 15<sup>th</sup> March 2016 at 6.00pm.

**CHAIRMAN**

## EPPING FOREST DISTRICT COUNCIL WITH ESSEX COUNTY COUNCIL LOCAL HIGHWAY PANEL – 15<sup>th</sup> MARCH 2016 2015/16 POTENTIAL CAPITAL SCHEMES

As part of the Essex County Council budget which was agreed at Full Council on 9 February 2016, it was announced that the budget for Local Highways Panels (LHP) would be halved. This means for Epping Forest LHP the available 2016/17 capital funding will be £349,775 (£449,775 with match funding when confirmed). From those schemes previously recommended for funding by the Panel, schemes to the value of £520,000 have had to be re-profiled and are now being delivered in 2016/17.

It is recommended in 2016/17 that the panel make further recommendations of £200,000 to create an £720,000 rolling programme of works, from which schemes to the value of £449,775 will be delivered in 2016/17.

All potential schemes on the following pages are for funding allocation to progress in the 2016/17 financial year. All costings shown are estimates only and are subject to unforeseen site conditions / restrictions once work is undertaken. Currently the total of all potential schemes are to the value of **£619,000** and the panel are encouraged to allocate to the value of £200,000 and highlight their top schemes for progression.

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

<b>Total Value of schemes</b>	<b>£0</b>
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
1	Epping Forest	<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.</p> <p>The aim of this work is to provide a cycle strategy for Epping Forest which will identify costed cycle schemes and initiatives for implementation in the short, medium and long term.</p>	Epping Forest	Feasibility	LEPP154001	£ -	Awaiting strategy completion	A

## Passenger Transport

Total Value of schemes	<b>£58,500</b>
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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	Newmans Lane, outside Golden Lion PH	Replace metal bus shelter with seat.	The previous shelter was owned by Clear Channel of which they have now removed and are not replacing	Loughton	Total scheme	LEPP165002	£6,500		G
3	Colson road, Loughton - 150042014010 (chequers Road)	Install metal bus shelter	Highly used with no seats or shelter	Loughton	Total scheme	LEPP165003	£6,500		G
4	Bushfields, Loughton - 1500IM399B (parkmead)	Install metal bus shelter	Highly used with no seats or shelter	Loughton	Total scheme	LEPP165004	£6,500		G
5	Newmans Lane Loughton - 150042013003 (Hatfields)	Install metal bus shelter	Highly used with no seats or shelter	Loughton	Total scheme	LEPP165005	£6,500		G

## Passenger Transport

Total Value of schemes	<b>£58,500</b>
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Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
6	Hillyfields, Loughton - 150042008004 (Hillyfields)	Install metal bus shelter	Highly used with no seats or shelter	Loughton	Total scheme	LEPP165006	£6,500		G
7	Colson road, Loughton - 150042014010 (chequers Road)	Install bus cage road markings	Resident 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
8	Bushfields, Loughton - 1500IM399B (parkmead)	Install bus cage road markings	Resident 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
9	Newmans Lane Loughton - 150042013003 (Hatfields)	Install bus cage road markings	Resident 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

## Passenger Transport

Total Value of schemes	<b>£58,500</b>
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Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
10	42001003 Stops at Baldwins Hill	Increase hardstand area, provide barriers and general bus stop improvements.	The current hardstand area is small for pedestrians and not safe.	Loughton	Implementation	LEPP165010	£13,000	following the detailed design (in appendix).	G
11	Limes Farm Estate adjacent to Amanda Close, Chigwell	Implement a Bus Cage	Provided where the bus can dwell if necessary just after Amanda Close	Chigwell	Total scheme	LEPP165011	£2,500	This came from the Head of Passenger Transport and David Sprunt	G
12	Chigwell Rise, Chigwell	For the installation of flag and post by TFL; To install new kerb for new bus stops.	Currently stops are to far away and additional one needed	Chigwell	Total scheme	LEPP155004	TBC	Top up needed to install proposed bus kerbs and existing footway to be resurface to new kerb level	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 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
2	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
3	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
4	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

## 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
5	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
6	Footpath 18 - Staples Hill, Loughton	Resurface the footpath	The surface has a number of very wide cracks, in which it easy to catch and is become a trip hazard	Loughton	Total scheme	LEPP168006	£10,000		G
7	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

## Safer Roads

Total Value of schemes	£90,000
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Allocated Budget	Comments	RAG
1	B181 Epping Upland by Chambers Manor	<ol style="list-style-type: none"> <li>1) Install yellow backed bend warning sign on B181 southbound approach with a 'Max Speed' sub-plate.</li> <li>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).</li> <li>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.</li> <li>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.</li> <li>5) Add road studs around the centre line of the bend on the B181.</li> <li>6) Arrange for a scrim survey to be completed to check the skid resistance of the carriageway surface around the bend.</li> </ol>	Epping Upland	Implementation	LEPP161002	£15,000		G
2	Alderton Hill j/w Alderton Hall Lane, Loughton	<ol style="list-style-type: none"> <li>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.</li> <li>2) Renew the existing give way sign on Alderton Hall Lane on yellow backing board.</li> <li>3) Install a new yellow backed advanced give way sign on the approach to the junction on Alderton Hall Lane.</li> <li>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.</li> <li>5) Scrim survey to be completed to check the skid resistance of the carriageway surface around the bend on Alderton Hill.</li> <li>6) Street lighting to check the existing lighting levels at the junction.</li> </ol>	Loughton	Implementation	LEPP161001	£20,000		G

## Safer Roads

<b>Total Value of schemes</b>	£90,000
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Allocated Budget	Comments	RAG
3	St Leonards Rd/Nazeing Rd/North St/Middle St, Lower Nazeing	This report will look into widening of Nazeing Road (eastbound approach) to two lanes, with the provision of a 'right turn' indicative arrow for southbound road users along North Street. Investigate port-to-port arrow markers on the carriageway.	Nazeing	Feasibility		£0	Awaiting feasibility completion	A
4	Reeves Lane jw Tylers Road, Roydon Hamlet	<ol style="list-style-type: none"> <li>1) Replace the chevron signing at the bend which has been hit with yellow backed signs.</li> <li>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.</li> <li>3) Install new reflector posts around the outside of the bend.</li> <li>4) Arrange for a scrim survey to be completed to check the skid resistance of the carriageway surface around the bend.</li> <li>5) Drainage to be checked to ensure it is working correctly.</li> <li>6) Missing road studs around bend to be replaced.</li> <li>7) Check repeater signing for 40mph speed limit is sufficient and enforceable as there appears to be a lack of repeater signs.</li> </ol>	Roydon	Implementation	LEPP161004	£25,000		G
5	Daws Hill j/w A112 Sewardstone Rd, Sewardstone	<ol style="list-style-type: none"> <li>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.</li> <li>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).</li> <li>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.</li> <li>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.</li> </ol>	Waltham Abbey	Implementation	LEPP161003	£30,000		G

## School Crossing Patrols

<b>Total Value of schemes</b>	<b>£4,000</b>
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	RAG
1	Near 79 High Road, Buckhurst Hill	Upgrade the school flashing warning sign.	Buckhurst Hill	Total scheme	LEPP166001	£4,000	G

## Traffic Management

Total Value of schemes	£236,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
1	B172 Abridge over river Roding	Investigate what options can help improve the congestion at the bridge. Possible priority working.	Abridge	Feasibility		£0	Awaiting feasibility study	A
2	Various - Loughton	Salt Bin requests	Loughton	Total scheme		£0	In validation	V
3	North St, Pecks Hill, Sedge Green, Dobbs Weir road.	A review be carried out looking into the signage of the weight limit.	Nazeing	Feasibility	LEPP162001	£5,000		G
4	Middle street, Nazeing - South of golf course entrance	Install chevron signs on the S bend to aid drivers.	Nazeing	Total scheme	LEPP162002	£6,000	The request to extend the 30mph limit does not meet policy, the layout of the road is rural in nature with fields on one side and a golf course on the other.	G
5	Church Lane and Harlow road, Sheering	3x advance signage to be installed on both approaches to Church Lane reading 'Unsuitable for HGVs'.	Sheering/ Matching Tye	Total scheme	LEPP162003	£4,000		G

## Traffic Management

Total Value of schemes	£236,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
6	Honey Lane (east of Wood Green Road), Waltham Abbey	Option study to aid pedestrians to cross the road.	Waltham Abbey	Feasibility	LEPP162004	£5,000		G
7	Outside Wheatsheaf PH Crooked Mile	Vehicles parking on footway.	Waltham Abbey	Total scheme		£0	Engineering viewpoint the bollards can be installed but this would push the offending parkers elsewhere that would likely lead to further disruption elsewhere and not good practice. NEPP would not support parking restrictions	R
8	Numerous locations in Loughton Town	To carry out a feasibility study to look at introducing a Controlled Parking Zones (CPZs)	Loughton	Total scheme		£0	Until the report has been published, CPZs request are on hold through the LHP.	A

## Traffic Management

Total Value of schemes	£236,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
9	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	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. Depending on the results of the ECIA enquires should be made to the Corporation of London with regards to the acquisition of the Epping Forest Conservators land.	G
10	Victoria Road, Buckhurst Hill	Install a dropped kerb along Victoria Road by Pegasus Court.	Buckhurst Hill	Total scheme	LEPP162006	£3,500	Caveat - There is water, sewerage and BT covers in the footway of the proposed crossing locations, which could cause issues with delivery. Suitable location to be determined by engineer.	G
11	Chigwell Park Estate	To look at introducing a Controlled Parking Zones (CPZs)	Chigwell	Feasibility		£0	Until the report has been published, CPZs request are on hold through the LHP.	A

## Traffic Management

Total Value of schemes	£236,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
12	Manor Road, Chigwell	Detailed design for a Zebra crossing along Manor road to help pedestrians at Grange Hill tube station cross the road.	Chigwell	Design	LEPP162007	£15,000	The PV2 survey over a 7day period was 0.3, Where the value is between 0.2 and 0.7 then a pedestrian refuge or zebra crossing would be considered.	G
13	High Road j/w Bassett Gardens, North Weald Bassett	Install 15 guard rails to prevent parking on the zig zag lines adjacent to the pedestrian crossing	North Weald Bassett	Total scheme	LEPP162008	£12,000		G
14	Upland Road, Epping Upland	Investigate stopping up the road	Epping Upland	Total scheme		£0	The 7day mean average highlighted 0.2% HGV Northeastbound and 0.5% Southwestbound. NOTE - Officers would not recommend any changes to the current environment.	R
15	Station Road, Chigwell	Feasibility study with traffic counts, turning movements and modelling of impacts on other junctions with options to look at making Station Road a one way clockwise as per Station Road/A113/A123 Hainaut Road.	Chigwell	Feasibility		£0	Awaiting feasibility completion	A

## Traffic Management

Total Value of schemes	£236,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
16	Pyrles Lane, Chester Road, Hillyfields speed table	A safety check to be carried out with regard to the sightlines, obstruction, driver behaviour and whether the speed table is serving any value.	Loughton	Feasibility		£0	Awaiting feasibility completion	A
17	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
18	Upland Road, Epping Upland	Install additional reflective posts in front of the barriers to guide vehicles through the bridge	Epping Upland	Total scheme	LEPP162010	£7,500		G
19	B181/Upland Road	Feasibility to look at improving this junction	Epping Upland	Feasibility		£0	Awaiting feasibility completion	A

## Traffic Management

<b>Total Value of schemes</b>	<b>£236,500</b>
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
20	Forest road j/w Smarts Lane, Loughton	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 past the Priority working and install junction protection markings at smarts lane to prevent vehicles parking on the junction.	Loughton Central and Loughton South	Total scheme	LEPP162011	£15,000	These issues are to deter vehicles parking on the priority working and causing a safety issue. This will also aid those pedestrain that walk along Forest road.	R
21	A121 High Road, Loughton	Install signage to guide vehicles to the car park, Library and National Jazz Archive	Loughton Central	Total scheme	LEPP162012	£4,000		G
22	Clare Mews, Ongar	Install 'Keep Clear' Markings and name plate signage	Ongar	Total scheme	LEPP162013	£2,500		G
23	B183 The Street/Church Lane, Sheering	To relocating the finger post like, for like or install the St Marys Church and Matching Tye sign at a new location.	Sheering	Total scheme		£0	During the site visit it was noted that there were no suitable location for installing such a sign. This is a maintenance issue and cannot be resolved by the LHP.	R

## Traffic Management

Total Value of schemes	<b>£236,500</b>
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
24	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
25	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
26	Motts Lane, Waltham Abbey	Signage review be carried out to work out what can be done to increase the visibility of the existing signage to lorry drivers.	Waltham Abbey	Feasibility	LEPP162016	£2,000		G
27	Clays Lane, Loughton	Implement Quiet Lane	Loughton	Total scheme		£0	Given that the whole lane does not meet the criteria due to a number of properties, it is recommended not to proceed with this request	R
28	Church road, North Weald Bassett	Traffic calming measures	North Weald Bassett	Total scheme		£0	The 7day mean average speeds in both directions are below 30mph and it is due to the reasons we would not consider traffic calming measures at this time.	R

## Traffic Management

Total Value of schemes	£236,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
29	Kiln Road, Bassett Gardens, Wheelers Farm Gardens and Harrison Drive, North Weald Bassett	Install 4 dropped kerbs with tactile paving.	North Weald Bassett	Total scheme	LEPP162017	£17,000		G
30	A121 Goldings Hill, Loughton, junction with A1168 Rectory Lane	Install 2x zebra crossing warning signs with distance sub plates. Existing carriageway markings in Goldings Hill to be widened to reduce the carriageway down to one lane on the southbound approach.	Loughton	Implementation	LEPP162018	£3,000	TOP UP REQUIRED - Please can I ask for an additional £3k for this project to be delivered. £10,000 was recommended in 2015/16.	G
31	Pudding Lane, Chigwell	The re-grading of existing ditches, replacement of existing damaged piped ditch with a larger capacity type and a full cleanse of the existing system	Chigwell	Implementation	LEPP162019	£80,000	Following the feasibility study and topo survey.	G

## Traffic Management

Total Value of schemes	£236,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
32	Laundry Lane, Nazeing	To implement a No through Road or install a lockable gate.	Nazeing	Total scheme		£0	<p>There is no evidence of this being a Rat run.</p> <p>The surface of the carriageway does not back up the statement it is being used as a rat run.</p> <p>Officers believe it would be unfair to turn this road into a dead end as it would affect resident's lives dramatically.</p> <p>Fly typing is the responsibility of the District Council and all action should be theirs on this subject.</p>	R
33	Woodberry Down, Epping	Salt bin request	Epping	Total scheme		£0	In validation	V
34	Upshire road, Waltham Abbey	For safety measures and parking bays by Upshire Primary School	Waltham Abbey	Total scheme		£0	In validation	V
35	Brook Road, Epping	Install a blue advanced height warning sign to warn vehicles of the bridge	Epping	Total scheme	LEPP162020	£2,000		G

## Traffic Management

<b>Total Value of schemes</b>	<b>£236,500</b>
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
36	B181 Lindsey Street, Epping	Install a VAS by Shaftesbury Farm going west.	Epping	Total scheme		£0	In validation	G
37	Greensted Road, Loughton	Traffic calming measures by White Bridge Primary School	Loughton	Total scheme		£0	Against Officer recommendation. The speed limit at this location is 30mph. The 7 day average daily speed northwest bound was 19.3mph and 21.9mph southeast bound. This would be deemed good compliance and an already self enforcing speed limit.	G
38	Nazeing Common Road, Nazeing	Install a VAS as you approach Bumbles Green	Nazeing	Total scheme		£0	Against policy - The speed limit at this location is 30mph. For a VAS to be considered the 7day mean average has to be 5mph or more over the posted speed limit. The results were: northeast bound was 31.7mph and 30.8mph west bound. This would be deemed good compliance.	R
39	Severns Field, Epping	Salt bin request	Epping	Total scheme		£0	In validation	V

## Traffic Management

Total Value of schemes	£236,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
40	Stonards Hill, Epping	Speed reduction and 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 28.9mph and 29.5mph southeast bound. This would be deemed good compliance and would not meet any intervention criteria for the Police to enforce.	R
41	Ivy Chimney road, Epping	A feasibility study to be carried out to determine what can be done here to improve the parking issue along the footway.	Epping	Feasibility	LEPP162021	£3,000		G
42	Norton Lane, High Ongar	Unsuitable for HGV signage	High Ongar	Total scheme		£0	In validation	V

## Traffic Management

Total Value of schemes	£236,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
43	Valley Hill, Loughton	Traffic calming measures	Loughton	Total scheme		£0	<p>Against Officer recommendation. The speed limit at this location is 30mph. The 7 day average daily speed northeast bound was 32.4mph and 31.3mph southwest bound. This would be deemed good compliance and would not meet any intervention criteria for the Police to enforce.</p> <p>Valley Hill is a PR2, what is important is the need to maintain free flowing traffic movement on them due to the function they perform within the network.</p>	R
44	The Broadway, Loughton	Improvement measures to the end sections of the central reservation	Loughton	Total scheme		£0	<p>Installing bollards would likely lead to damaged bollards as it is assumed that buses are overrunning the reservation and they would get damaged. It could also lead to obstruction as drivers would not want to damage their vehicles on a bollard so could end up stuck. One option is to concrete over the central reservation but that would negate the reason for the central reservation. It is recommended that the parking partnership change the existing single restriction to double yellow lines and the enforcement patrols be increased to prevent obstructive parking here.</p>	R

## Traffic Management

Total Value of schemes	£236,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
45	High Road, North Weald Bassett - South of Harrison Drive	Traffic calming measures	North Weald Bassett	Total scheme		£0	<p>Against Officer recommendation. The speed limit at this location is 30mph. The 7 day average daily speed north bound was 28.4mph and 27.3mph south bound. This would be deemed good compliance.</p> <p>High road is a PR1, what is important is the need to maintain free flowing traffic movement on them due to the function they perform within the network.</p>	R
46	Hoe Lane, Nazeing	Extend the 30mph restriction to just past the Milbrook industrial estate	Nazeing	Total scheme		£0	<p>Against Officer recommendation. The speed limit at this location is 60mph. The 7 day average daily speed northeast bound was 28mph and 27.9mph southwest bound. This would be deemed good compliance. There have been no accidents along this stretch of road.</p>	R
47	Oakwood Hill, between River Way and L. Alderton Hall Ln	Upgrade signing, lining and lighting units.	Loughton	Total scheme	LEPP152003	£4,000	<p>TOP UP REQUIRED - Please can I ask for an additional £4k for this project to be delivered. £10,000 was recommended in 2015/16.</p>	G

## Traffic Management

Total Value of schemes	£236,500
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
48	Tidy's Lane, Epping	Implement bollards along the grass verge	Epping	Total scheme		£0	Boundary search	V
49	Hoe Lane, Nazeing	To install kerbs from Tayness and opposite Parkers Farm for approx. 150m to tie up with where the kerbing stopped.	Nazeing	Total scheme		£0	In validation	V
50	Walton Gardens, Waltham Abbey	To improve the radius and width of the road to enable vehicles to not mount the kerb.	Waltham Abbey	Total scheme		£0	In validation	V
51	A113 Romford Road	It is suggested that the existing kerb inlet gullies are replaced. It is also recommended that an additional gully and ditch re-grading is provided at the carriageways low spot to eliminate the risk of further ponding and eventual flooding.	Stanford Rivers	Implementation	LEPP162024	£12,000	Both topo and drainage surveys have been complete as per the commission in 2015/16. Having analysed the results of each it is suggested that an additional gully and some ditch re-grading be added to the initial feasibility design schedule.  Conscious that site 2 on the original plan has now been omitted.	G

## Traffic Management

<b>Total Value of schemes</b>	<b>£236,500</b>
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
52	Parklands, Waltham Abbey	Improve the crossing facilities	Waltham Abbey	Total scheme		£0	survey	V
53	Pump Hill, Loughton	Install signage and road marking to slow vehicles down as they travel towards the A121 junction	Loughton	Total scheme		£0	In validation	V
53	Bell Common, Epping	Implement Traffic calming measures	Epping	Total scheme		£0	Speed survey	V
55	Highfield Place j/w B1393 High Road, Epping	Install Keep Clear markings	Epping	Total scheme		£0	In validation	V
56	Kendal Avenue, Epping	Traffic calming measures	Epping	Total scheme		£0	speed survey	V
57	Staples Road / Shaftesbury, Loughton	Install a new metal gate	Loughton	Implementation	LEPP162022	£7,500	Following the feasibility study to investigate improvements to the existing wooden gate.	G

## Quiet Lanes

Total Value of schemes	£0
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Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	cost estimate	RAG
	Watery Lane, Little Laver	Implementation of a Quiet Lane.	The road is highly used by dog walkers and families due to the number of footpaths in the area.	Moreton	Total scheme	LEPP162025	£6,000	G

## Walking

<b>Total Value of schemes</b>	<b>£0</b>
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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	Detailed design into the installation of a footway outside Moreton Primary School.	Moreton	Design		£0	Awaiting design completion	A

## Potential Revenue

Total Value of schemes	<b>£3,000</b>
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Ref	Location	Description	Parish	Scheme Category	Cost Code	Estimated Cost	Comments
1	Epping Forest District	Ad Hoc speed surveys	Epping Forest	Traffic Management	LEPP162023	£3,000	G

Epping District Approved Scheme List

Key:	Completed schemes
	Cancelled schemes
	Live Schemes

Ref	COST CODE	SCHEME NAME	CURRENT STAGE	ANTICIPATED COMPLETION DATE	WORK DESCRIPTION	ALLOCATED BUDGET	COMMENTS
<b>2012/13 Budget Capital Schemes</b>							
1	LEPP001001	Mount Road j/w Banks Lane Mount End	Cancelled	tbc	Casualty reduction measures	£48,000	
2	LEPP002013	Crooked Mile, Waltham Abbey, new puffin.	In Progress	24/06/2016	Signal controlled crossing	£125,000	Currently out for target cost. On track.
3	LEPP006003	Ivy Chimineys Primary School, Centre Drive, Epping	In Progress	04/03/2016	Install a bus cage	£1,771	
<b>2014/15 Budget Capital Schemes</b>							
4	LEPP142002	Vicarage Lane j/w Manor Road	In Progress	27/05/2016	Junction improvements	£185,000	
5	LEPP142011	War Memorial Lindsey Street, Epping	In Progress	28/10/2016	Change link road fronting War Memorial to footway and associated junction improvements at Lindsey Street/High Street	£35,000	Land acquisition needed - Letter sent to land owner
6	LEPP142016	Staples Road / York Hill	In Progress	11/03/2016	Junction improvements and new metal gate	£10,000	Design for gate complete, awaiting on report for improvements to Staples road
7	LEPP142029	A121/ B194 Highbridge Street/Beaulieu drive, Waltham Abbey	In Progress	15/07/2016	Junction and signal improvements	£39,600	Design due to be complete end of March. On track
8	LEPP142041	B1393 High Road/Theydon Road	In Progress	26/02/2016	<b>DETAILED DESIGN</b> - for junction improvement (tailbacks in all directions) - investigation into timings and lines to determine if junction widening can be carried out with regard to cost, road safety, constructability and works impact.	£3,000	
9	LEPP142049	St Leonards Road	In Progress	08/04/2016	Install village gateway and repositioning of VAS	£19,000	On track
<b>2015/16 Budget Capital Schemes</b>							
10	LEPP151001	A1168 Chigwell Lane j/w M11 northbound off-slip (M11 jnct 5)	In Progress	29/07/2016	Install 'Give Way' sign; Install advanced lane merging into single carriageway sign and Construct a build out along Chigwell Lane.	£21,000	Design complete. Out for target cost. On track
11	LEPP151002	A121 Goldings Hill, Loughton	In Progress	19/01/2016	Install traffic signs throughout this section; Provide yellow backed chevron signs or verge marker posts to the bends throughout this section; Provide 40mph speed limit repeater signs at appropriate intervals throughout this section.	£9,000	
12	LEPP151003	B172 Coppice Row, Epping	In Progress	14/01/2016	Install yellow backed chevron signs and verge marker posts to the outside of the more severe bends; Install additional 40mph speed limit repeater signs; Provide a new yellow backed 'Side road' ahead warning sign. Install SLOW marking on carriageway.	£8,500	
13	LEPP151004	B181 Epping Road j/w Common Road, Broadley Common	In Progress	22/07/2016	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	In design stage
14	LEPP151005	B181 Epping Upland by Chambers Manor	In Progress	18/03/2016	CR Advanced Design	£21,000	
15		Daws Hill/Sewardstone Road, Sewardstone	In Progress	18/03/2016	CR Advanced Design	"	
16		Reeves Lane/Tylers Rd/Hamlet Hill, Roydon Hamlet	In Progress	18/03/2016	CR Advanced Design	"	
17		Alderton Hall Ln/Alderton Hill, Loughton	In Progress	18/03/2016	CR Advanced Design	"	
18	LEPP151006	B181 Lindsey St j/w B182 Bury Lane	In Progress	12/01/2016	Signage, Lining and carriageway realignment.	£22,000	On track
19	LEPP151007	St Leonards Rd/Nazeing Rd/North St/Middle St, Lower Nazeing	In Progress	11/03/2016	This report will look into widening of Nazeing Road (eastbound approach) to two lanes, with the provision of a 'right turn' indicative arrow for southbound road users along North Street	£10,000	On track
20	LEPP151009	Sedge Green j/w Dobbs Weir Road, Nazeing	In Progress	17/06/2016	Install bollards on corner of junction.	£2,000	Delay - resident wanted to install a driveway where the bollards were proposed. Need to resolve with resident as no point in installing bollards that are then to be removed.
21	LEPP151010	A113 Abridge Road, Chigwell	In Progress	08/08/2016	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	Design due to be complete end of January. On track

22	LEPP151011	Coopersale Street, bend 200m south east of Houblons Hill	In Progress	24/09/2016	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. Additional signage at Fiddlers Hamlet.	£20,000	Land acquisition needed for Coopersale Street works - Letter been sent to land owner
23	LEPP151014	B1393 London Road junction with access to MacDonalds	In Progress	31/03/2016	Replace existing 'junction on left ahead' warning sign on London Road for southbound traffic with a yellow backed version; Install new SLOW road marking; Investigate whether the give way lining can be moved further forward to improve visibility for vehicles.	£15,000	Design complete. Discussions with Highway England about signage, on track
24	LEPP151015	A121 Woodridden Hill approach to Wakes Arms Roundabout	In Progress	17/06/2016	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	Design complete. On track
25	LEPP152001	Church Road, Buckhurst Hill	In Progress	22/04/2016	Letter drop for informal consultation with residents for possible one way system	£1,500	On track
26	LEPP152002	Milton Crescent - Shelley Primary School	In Progress	08/07/2016	Implementation of 20mph speed limit to Milton Crescent and Betjeman Way.	£7,500	CMA for formal consultation being sent. On track
27	LEPP152003	Oakwood Hill, between River Way and L. Alderton Hall Ln	In Progress	29/07/2016	Upgrade signing, lining and lighting units.	£10,000	Design complete. Top up needed. On track
28	LEPP152004	Moreton Bridge, Bridge Road, Moreton	In Progress	12/08/2016	Re alignment of the layby.	£25,000	Design complete. Works being programmed with Structures work. On track
29	LEPP152005	Waltham Road and Nazeing Common, Bumbles Green	In Progress	21/03/2016	Install 4 x single chevron signs and 2 x Grey backed roundabout signs.	£7,500	On track
30	LEPP152008	The Street/Crown Close, Sheering	In Progress	18/03/2016	<b>FEASIBILITY STUDY</b> - Speeding vehicles using The Street, which is a busy cut through. There have been minor collisions where the driver has not been aware that there is a mini roundabout. Look into raising the table.	£3,000	On track
31	LEPP152010	Pyrles Lane, Chester Road, Hillyfields	In Progress	11/03/2016	<b>FEASIBILITY STUDY</b> - to assess the sightlines, obstruction, driver behaviour and whether the raised table could be removed.	£3,000	On track
32	LEPP152011	A113 Romford Road	In Progress	11/02/2016	To carry out a topographical survey at two sites and drainage cleanse.	£10,100	
33	LEPP152012	Station Road, Chigwell	In Progress	18/03/2016	<b>FEASIBILITY STUDY</b> - with traffic counts, turning movements and modelling of impacts on other junctions with options to look at making Station Road a one way clockwise as per Station Road/A113/A123 Hainaut Road.	£5,000	On track
34	LEPP152016	Roding Lane, Palmerston Rd/ Loughton Lane, Albert Rd	In Progress	29/04/2016	Pedestrian facilities at signal junction	£80,000	Works programmed to start 21/3/16. On track
35	LEPP152021	A113, Ongar Road, Abridge	In Progress	12/08/2016	To install a VAS travelling South-West within the 30mph limit before reaching the village.	£8,500	In design stage, expected completion end of March. On track
36	LEPP152023	Horseshoe Hill, Epping	In Progress	20/01/2016	Install dropped kerbs by St Thomas Church.	£5,000	
37	LEPP152024	Bower Hill at bridge, Epping	In Progress	04/02/2016	Install raised kerb & lining	£8,000	On track
38	LEPP152027	A121 Goldings Hill, Loughton, junction with A1168 Rectory Lane	In Progress	22/07/2016	Install 2x zebra crossing warning signs with distance sub plates. Install lane lining with directional arrows.	£10,000	Design complete. On track
39	LEPP152033	Horseshoe Hill, Waltham Abbey	In Progress	26/08/2016	Installation of a VAS.	£8,500	In design stage, expected completion end of March. On track
40	LEPP152041	Traps Hill j/w Rowans Way and Church Lane, Loughton	In Progress	15/07/2016	Install a mini roundabouts at Church Lane junction and resurface 50m of high skid materials on each approach.	£73,300	In design stage, expected completion end of March. On track
41	LEPP152044	Outside 5 Millfield, High Ongar	In Progress	04/03/2016	Installation of 6 bollards to prevent vehicles mounting the kerb to park on verge	£4,000	
42	LEPP152045	B172 Abridge Rd	In Progress	11/03/2016	<b>FEASIBILITY STUDY</b> - ongoing to assess speed reduction options, replace junction with a mini roundabout and to prohibit a left/right turn from A113 onto B172.	£4,000	On track
43	LEPP152046	Debden Lane	In Progress	23/09/2016	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	In design stage, expected completion end of April. On track
44	LEPP152049	Ivy Chimney Road, Epping	In Progress	23/08/2016	Install 5/6 Pedestrian Guard rails 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	In design stage, expected completion end of March. On track

45	LEPP152050	B181/Upland Road, Epping Upland	In Progress	tbc	<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	On track
46	LEPP153001	Hemnal Street, Epping	In Progress	tbc	Footway and dropped kerbing	£7,500	Land acquisition needed. Scheme going to the the Epping Forest & Commons Committee in May
47	LEPP153004	Church Road, Moreton	In Progress	11/03/2016	<b>DETAILED DESIGN</b> - into the installation of a footway outside Moreton Primary School.	£5,000	On track
48	LEPP154001	Epping Forest, Cycle Strategy	In Progress	11/03/2016	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 costed	£10,000	On track
49	LEPP155004	Chigwell Rise North bound 42019005	In Progress	17/02/2016	TFL to erect new stop.	£6,500	Top up required to complete scheme
50	LEPP155006	42001003 Stops at Baldwins Hill	In Progress	26/02/2016	<b>DESIGN ONLY</b> - Increase hardstand area, provide barriers and general bus stop improvements.	£4,100	
51	LEPP151013	A104 Epping New Road junction with A1069 Rangers Road	In Progress	26/11/2016	Design, supply and install variable message signs	£80,000	In design stage, expected completion end of May.

**EPPING FOREST S106**

<b>Current Stage</b>	<b>Task Name</b>	<b>Cost Code</b>	<b>Delivery Method</b>	<b>Works Description</b>	<b>Comments</b>
<b>In Progress</b>	<b>CHURCH HILL - ZEBRA EPF1267</b>	<b>HB13002</b>	<b>Supply Chain Partner</b>	New zebra crossing, Church Hill Loughton	Implementation anticipated 1st quarter of 2016/17
<b>Completed</b>	<b>GRANGE HILL STN KERBING</b>	<b>HB15017</b>	<b>Supply Chain Partner</b>	Provision of raised kerb at Station Bus Stop	All works completed 22 January 2016

## Highway Rangers

Defect Date	Area Name	Site Name	Defect Location	Defect Description	Feature Type by Name	Status	Date Attended
02/12/2015 09:10	Chigwell	LAMBOURNE ROAD	Opp lamp column no 38	Ra3 1x3 road sign dirty school sign. Rangers work	PR2 Road	Completed	02/12/2015
02/12/2015 10:05	Waltham Abbey	NINEFIELDS	O/s Jubilee Court	RA 1=1x1. Sign dirty on post S4----Rangers	PR2 Road	Completed	02/12/2015
02/12/2015 10:17	Waltham Abbey	NINEFIELDS	By l/c 28 approx 30m before j/w Fullers Close	RA 1=1x1. Sign dirty on post S3----Rangers	PR2 Road	Completed	02/12/2015
02/12/2015 10:19	Waltham Abbey	NINEFIELDS	15m from j/w Paternoster Hill on l/c 1	RA 3=3x1. Signs misaligned and fixing clip missing---Rangers	PR2 Road	Completed	02/12/2015
02/12/2015 13:56	Roydon	EPPING ROAD	S/o Mornington approx 100m before Old House Lane	RA 4=4x1. Post and signs damaged----Rangers---GCNE	PR2 Road	Completed	03/12/2015
08/12/2015 09:19	WALTHAM ABBEY TOWN	CROWN HILL	J/w Epping Road	RA 3=3x1. Damaged/k/d post and signs----GCNE. Rangers	PR2 Road		
17/12/2015 10:32	NAZEING	NAZEINGBURY PARADE	O/s 14 Langley Green 20m from Nazeing Road	RA 4=4x1. K/d concrete bollard on verge----Poss Efdc/rangers	Local Road		
18/12/2015 13:02	ROYDON	HARLOW ROAD	Approx 50m before East End Farm towards Harlow	RA 3=3x1. K/d speed signs and post---Rangers.	PR2 Road		
04/01/2016 10:20	WALTHAM ABBEY TOWN	LEAVIEW	Opp 7 and l/c 3 on f/w to Highbridge Street	RA 1=1x1. Dirty no cycling sign----Rangers.	Local Road		
08/01/2016 13:07	WALTHAM ABBEY TOWN	BROOKER ROAD	Opp Pad Contracts	RA 6=3x2. Damaged/broken concrete bollard----Rangers	Local Road		
08/01/2016 13:15	WALTHAM ABBEY TOWN	BROOKER ROAD	O/s 170	RA 3=3x1. Misaligned/leaning concrete bollard----Rangers	Local Road		
15/01/2016 15:06	WALTHAM ABBEY TOWN	UPSHIRE ROAD	Opp 208, O/s school, by l/c 29	RA 3=3x1. Post and sign bent/leaning----post removed leaving stump/upstand in f/w----Rangers----GCNE	PR2 Road		
19/01/2016 14:13	WALTHAM ABBEY TOWN	SILVER STREET	J/w Paradise Road on post S3	RA 3=3x1. No entry sign misaligned----Rangers	Local Road		
19/01/2016 15:21	ONGAR TOWN	HIGH STREET	By bows drive	Ra1 1x1 new road layout sign x two needs taken down (rangers work)	PR1 Road		
19/01/2016 15:25	ONGAR TOWN	ONGAR ROAD	Fyfield side of ongar hospital	Ra1 1x1 new road layout sign x one needs taken down (rangers work)	PR2 Road		
27/01/2016 07:59	STAPLEFORD ABBOTTS	OAK HILL ROAD	From abbots vale farm to kensington park. approx 200m	Ra3 1x3 reestablish fway due to leaves mud approx 150 m,,Rangers work	PR2 Road		
27/01/2016 08:23	STAPLEFORD ABBOTTS	STAPLEFORD ROAD	From oakfields to woodlands farm approx 100 m	Ra3 1x3 reestablish fw due to leaves mud approx 100 m,, Rangers work	PR2 Road		

## Highway Rangers

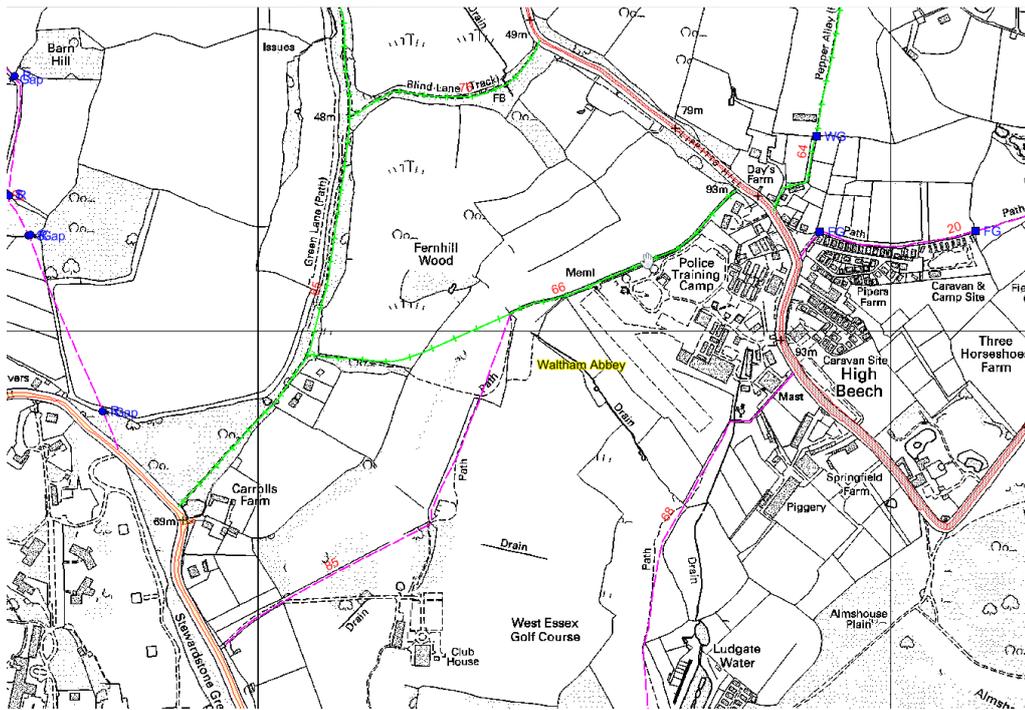
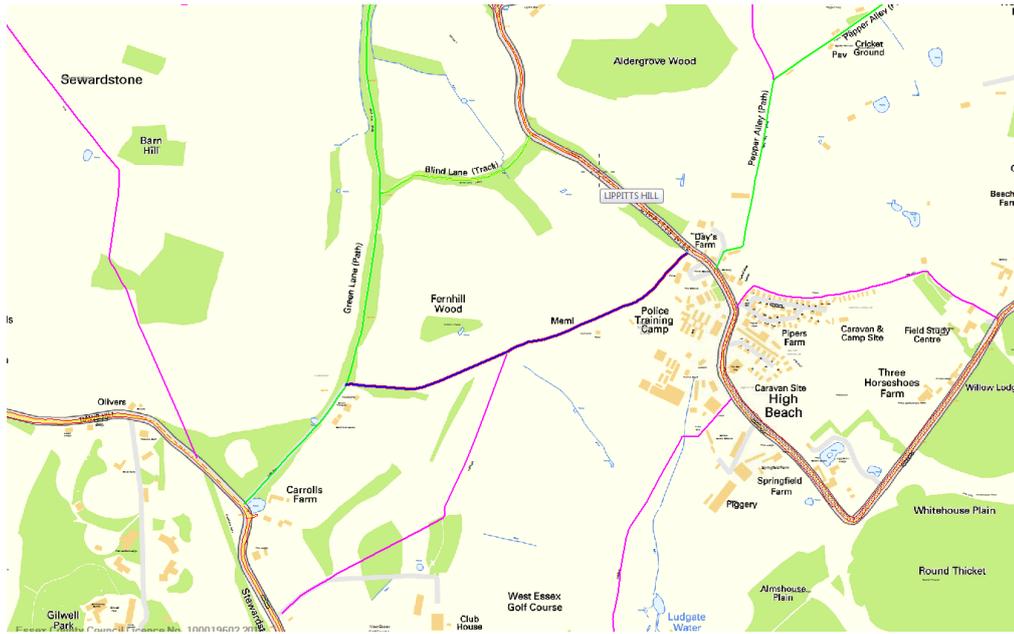
Defect Date	Area Name	Site Name	Defect Location	Defect Description	Feature Type by Name	Status	Date Attended
27/01/2016 08:26	STAPLEFORD ABBOTTS	STAPLEFORD ROAD	From oakfields to woodlands farm	Ra3 1x3 overhanging veg over parts of fway , approx 100 m ,, Rangers work	PR2 Road		
27/01/2016 08:34	STAPLEFORD ABBOTTS	STAPLEFORD ROAD	From woodlands farm to high house farm approx 100 m	Ra3 1x3 restabish fway due to leaves mud approx 100 m ,, Rangers work	PR2 Road		
28/01/2016 12:00	NAZEING	POUND CLOSE	J/w Hyde Mead s/o by island	RA 3=3x1. Missing/damaged 6x5 pcc kerb---Rangers.	Local Road		
01/02/2016 07:47	STAPLEFORD ABBOTTS	STAPLEFORD ROAD	From woodlands farm to highhouse	Ra3 1x3 overhanging trees in fway , please pass to Stuart Thacker for Rangers to cut back approx 100 m	PR2 Road		
11/02/2016 14:11	WALTHAM ABBEY TOWN	BEECH HILL GARDENS	Opp 2 at s/o 15	RA 4=4x1. C/w gully grille missing/fallen into pot-----made safe with cones----Poss Rangers	Local Road		
02/02/2016 11:25	CHIGWELL TOWN	GRAVEL LANE	Opp lamp column no 8	Ra3 1x3 overhanging bushes in fway approx 30 m , Rangers work	PR1 Road		
15/02/2016 07:56	STAPLEFORD ABBOTTS	PASSINGFORD BRIDGE ROUNDABOUT	By lamp column no 005a	Ra3 1x3 footway needs restabishing approx 40 m Rangers work	PR1 Road		
11/02/2016 07:15	ONGAR TOWN	QUEENSWAY	Nr junction with fyfield rd north side of rd	Ra6 3x2 misaligned kerbs 9mts regrade of defects 20125586,1882735,1891233,2231009,10 ( rangers work )	Local Road		
03/03/2016 08:53	STAPLEFORD ABBOTTS	STAPLEFORD ROAD	From oakfields to woodlands	Ra3 1x3 restabish fway approx 150 m. Rangers work s.thacker	PR2 Road		
03/03/2016 08:59	STAPLEFORD ABBOTTS	STAPLEFORD ROAD	From woodlands to high house	Ra3 1x3 restabish fw approx 100 m x 1 m Rangers work	PR2 Road		
03/03/2016 09:04	STAPLEFORD ABBOTTS	STAPLEFORD ROAD	From high house to willow hall	Ra3 1x3 restabish fw approx 100 m x 1 m. Rangers work	PR2 Road		
03/03/2016 09:10	STAPLEFORD ABBOTTS	STAPLEFORD ROAD	From chase lodge to Belmont farm	Ra3 1x3 restabish fw approx 100 m x 1 m Rangers work	PR2 Road		
03/03/2016 09:12	STAPLEFORD ABBOTTS	STAPLEFORD ROAD	From Belmont farm to draycot	Ra3 1x3 moss on fway restabish fw 100 m x 1.4 m Rangers work	PR2 Road		
19/02/2016 13:29	WALTHAM ABBEY TOWN	TILLINGHAM COURT	From 9-12 to field	RA 4=1x4. F/w defect/grass/weeds on f/w approx 20m x 1.6m x 20mm----Rangers	Remote Footway (ws)		
19/02/2016 13:15	WALTHAM ABBEY TOWN	TILLINGHAM COURT	S/o 9-12 Read Court to field	RA 4=1x4. F/w defect/grass/weeds covering f/w approx 10m x 1.6m x 20mm----Rangers.	Remote Footway (ws)		

# Appendix

## INTERNAL SCHEME REQUEST FORM FOR LHP

<b>NAME:</b>	Robin Wallbank
<b>TEAM:</b>	Public Rights Of Way, West and South
<b>DISTRICT:</b>	Epping
<b>LOCATION:</b>	Public Bridleway 66 Waltham Abbey
<b>PROBLEM:</b>	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.
<b>SCHEME DETAILS:</b>	<p><b>Improved drainage and enhanced clearance and Improved surface assembly.</b></p> <p><b>Not all of bridleway but approximately less than 600m of total length will require extensive work. Works wil involve clearance of side and overhanging growth to let light and wind in along whole length, improvements to the drainage of the surface by means of improved ditch clearance and cutting of grips. The surface in sections requires harrow and rolling, whilst other sections necessitate surface improvements (as a matter of considerable imperative) by means of laying crushed conctrct nuggets and overlaying with road planings and compacting firmly down</b></p> <p><b>The bridleway forms an important link to many other bridleways and is part of a larger network of off road routes used by walkers, cyclist and horse riders</b></p>

**LOCATION PLAN:**



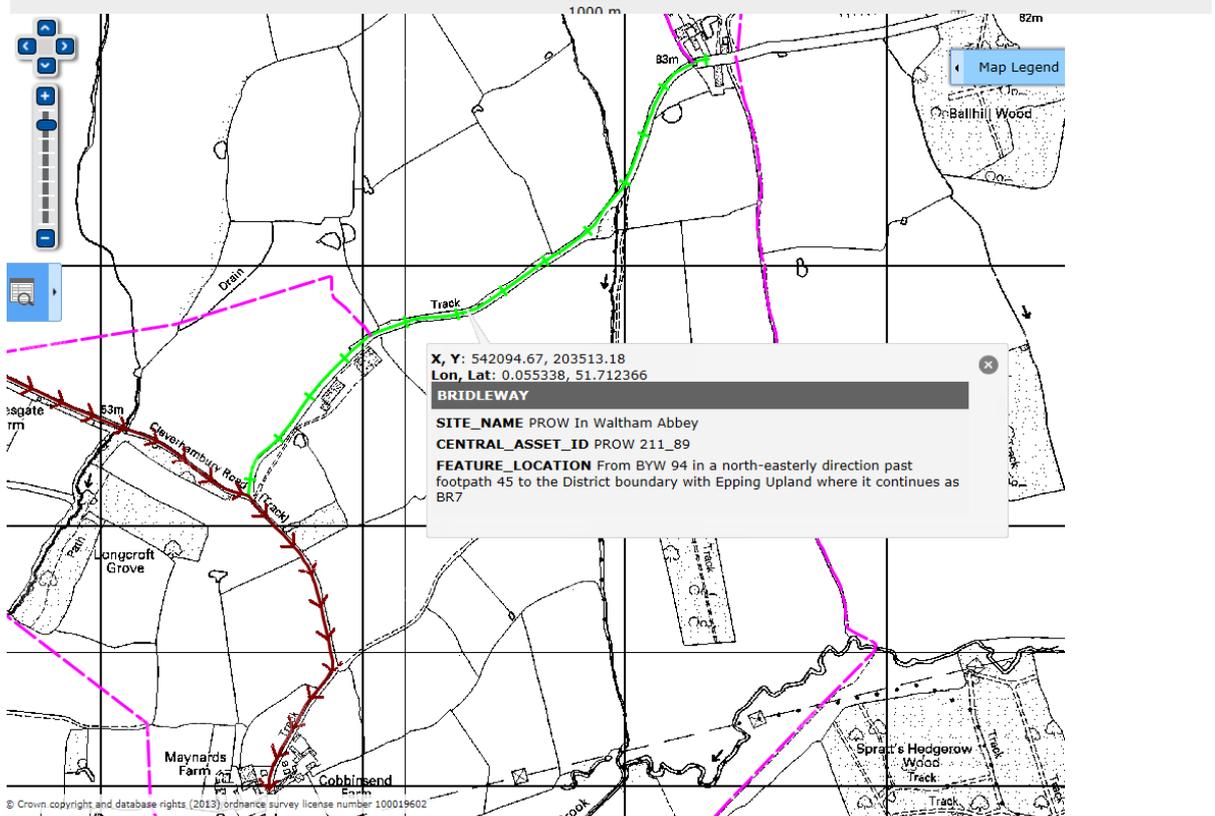
**ESTIMATED COST:** £35,000

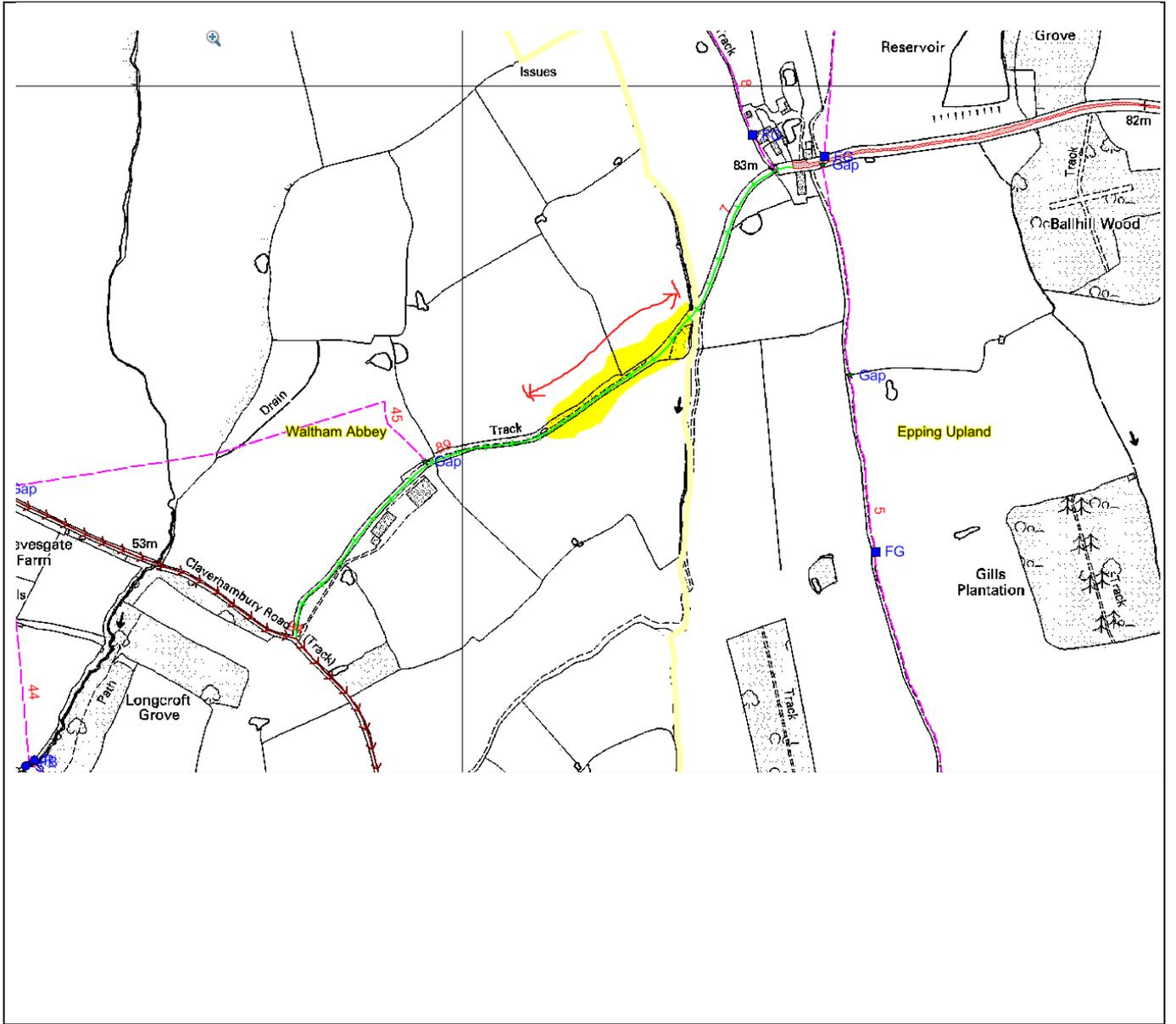
**DATE:** 9 June 2015

## INTERNAL SCHEME REQUEST FORM FOR LHP

<b>NAME:</b>	Robin Wallbank
<b>TEAM:</b>	Public Rights Of Way, West and South
<b>DISTRICT:</b>	Epping
<b>LOCATION:</b>	Public Bridleway 89 Waltham Abbey
<b>PROBLEM:</b>	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.
<b>SCHEME DETAILS:</b>	<p><b>Improved drainage and enhanced clearance and Improved surface assembly.</b></p> <p><b>Not all of bridleway but approximately less than 300m of total length will require extensive work. Works wil involve clearance of side and overhanging growth to let light and wind in along whole length, improvements to the drainage of the surface by means of improved ditch clearance and cutting of grips. The surface in sections requires harrow and rolling, whilst other sections necessitate surface improvements (as a matter of considerable imperative) by means of laying crushed conctrctet nuggets and overlaying with road planings and compacting firmly down (less than 100m)</b></p> <p><b>The surface has been extensively damaged in one particluar place due to misues by motorised users. This has aslo been amplified by the challenge of getting stuck and the attempts to get free. Local Farmers have been contacted at all hours of the day to help detach the vehicles from the mud. However the lane is a bridleway and surface damage is casuing a huge issue for local riders of both horses and cycles who have also got stuck. Damage to horses hoofs and straining ligaments have been presented.</b></p> <p><b>The bridleway forms an important link to many other bridleways and is part of a larger network of off road routes used by walkers, cyclist and horse riders.</b></p>

# LOCATION PLAN:





**PHOTOS:**



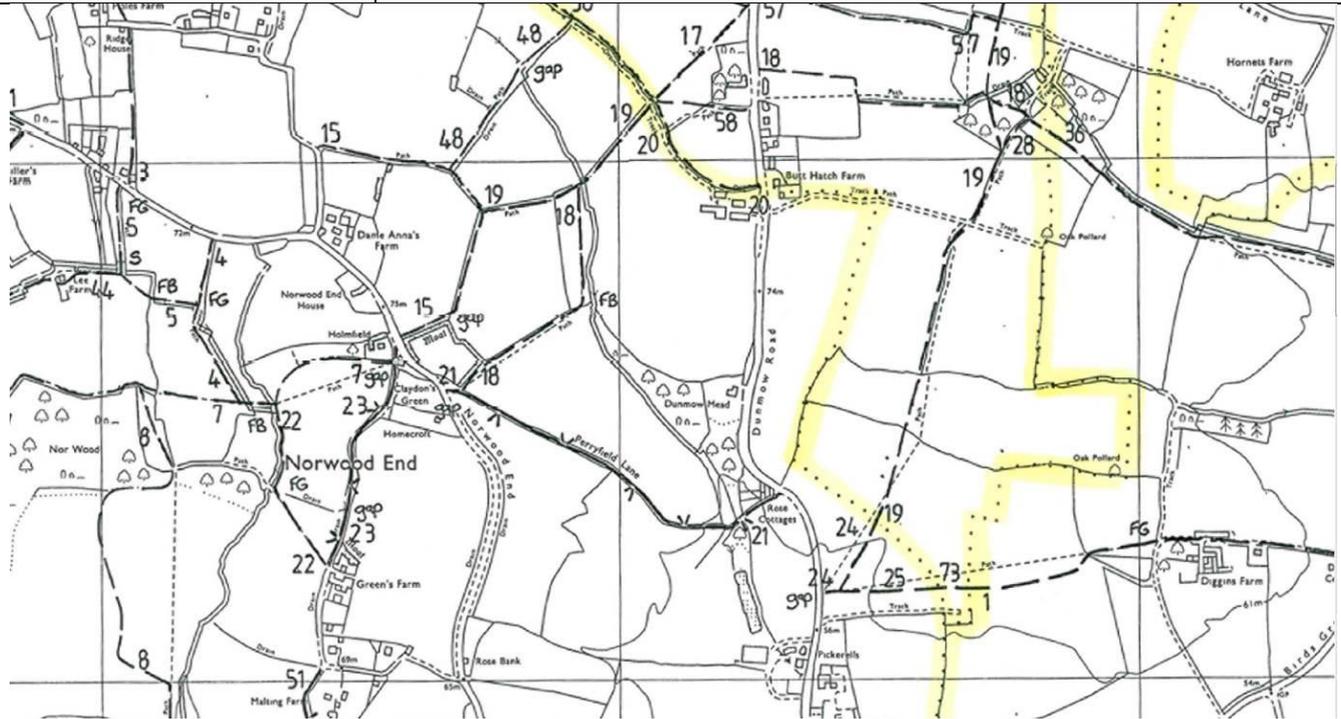
**ESTIMATED COST:** £25,000

**DATE:** 9 June 2015

## INTERNAL SCHEME REQUEST FORM FOR LHP

<b>NAME:</b>	Robin Wallbank
<b>TEAM:</b>	Public Rights Of Way, West and South
<b>DISTRICT:</b>	EPPING
<b>LOCATION:</b>	PUBLIC BYWAY 21 FYFIELD
<b>PROBLEM:</b>	Boggy, rutted, underlating and very uneven surface which now makes the byway very difficult to follow and possibly injurious to users if not remedied.
<b>SCHEME DETAILS:</b>	<p><b>The purpose of the scheme is to undertake improvement works to the drainage and surfacing to enhance accessibility for all users of the byways along the byways.</b></p> <p><b>The scheme will result in the reconstruction of an asset, such that its useful life will be substantially lengthened. The improvements will consist of, enhanced clearance of vegetation, Improving drainage and putting down an unbound surface such as clean crushed concrete or clean brick topped with road planings to provide a level and all-weather surface and thus enable the route to be used by all user groups, rather than just motorised users.</b></p> <p><b>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.</b></p> <p><b>The byway forms an important link to many other Public Rights of Way and is part of a larger network of off road routes used by walkers, cyclist and horse riders.</b></p>

# LOCATION PLAN:



**PHOTOS:**

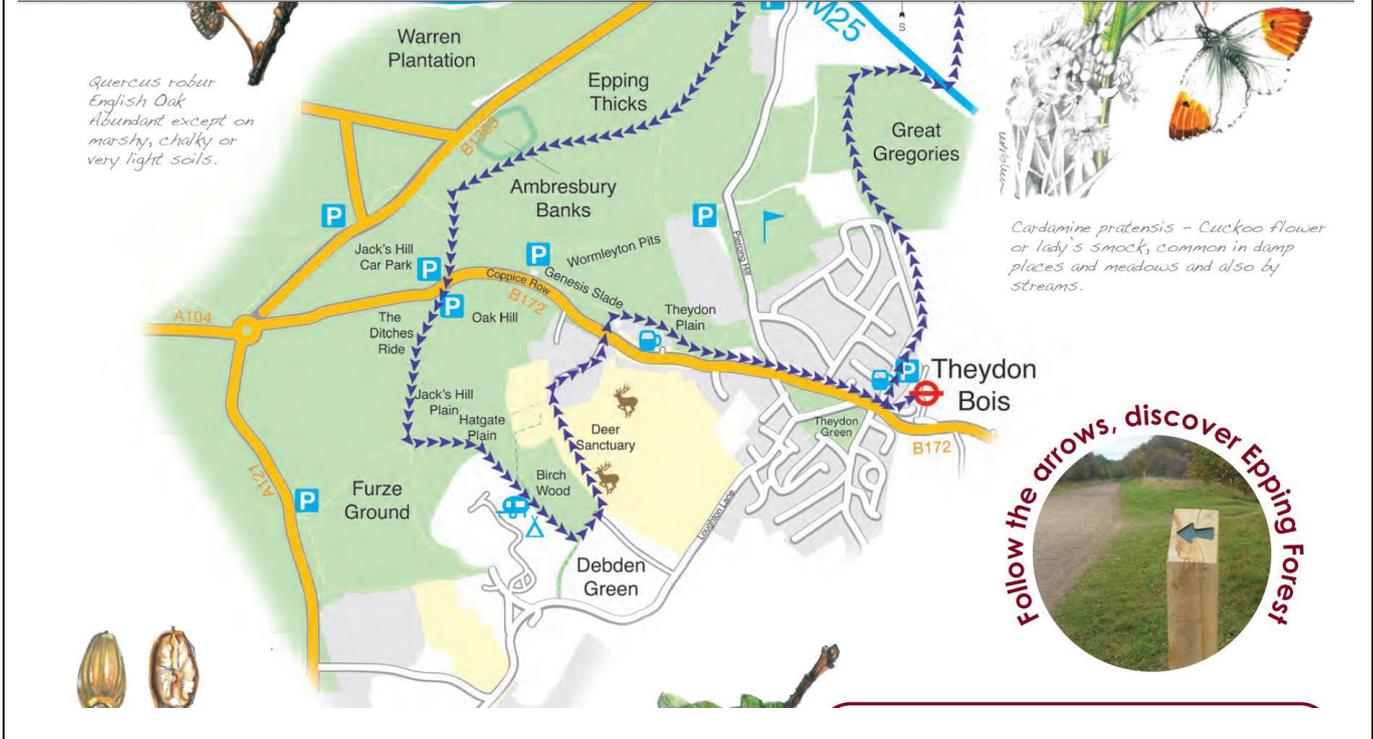


**ESTIMATED COST:**

£50,000

## INTERNAL SCHEME REQUEST FORM FOR LHP

<b>NAME:</b>	Robin Wallbank
<b>TEAM:</b>	Public Rights Of Way, West and South
<b>DISTRICT:</b>	Epping
<b>LOCATION:</b>	FP 3 Theydon Bois. Forest Drive, Theydon Bois, Epping
<b>PROBLEM:</b>	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.
<b>SCHEME DETAILS:</b>	<p>The Public Footpath is slowly disappearing due to erosion and growth from vegetation taking over the embankment. The footpath at present is uneven and difficult in places to negotiate if unsure of footings. In poor light, the issues may be aggravated. Epping Forest Council have now included the footpath in one of their advertised walks, - The Oak Trail</p> <p>The footpath forms an important link to many other Footpaths and other rights of way and is part of a larger network of off road routes used by walkers.</p>
<b>Location Plan</b>	

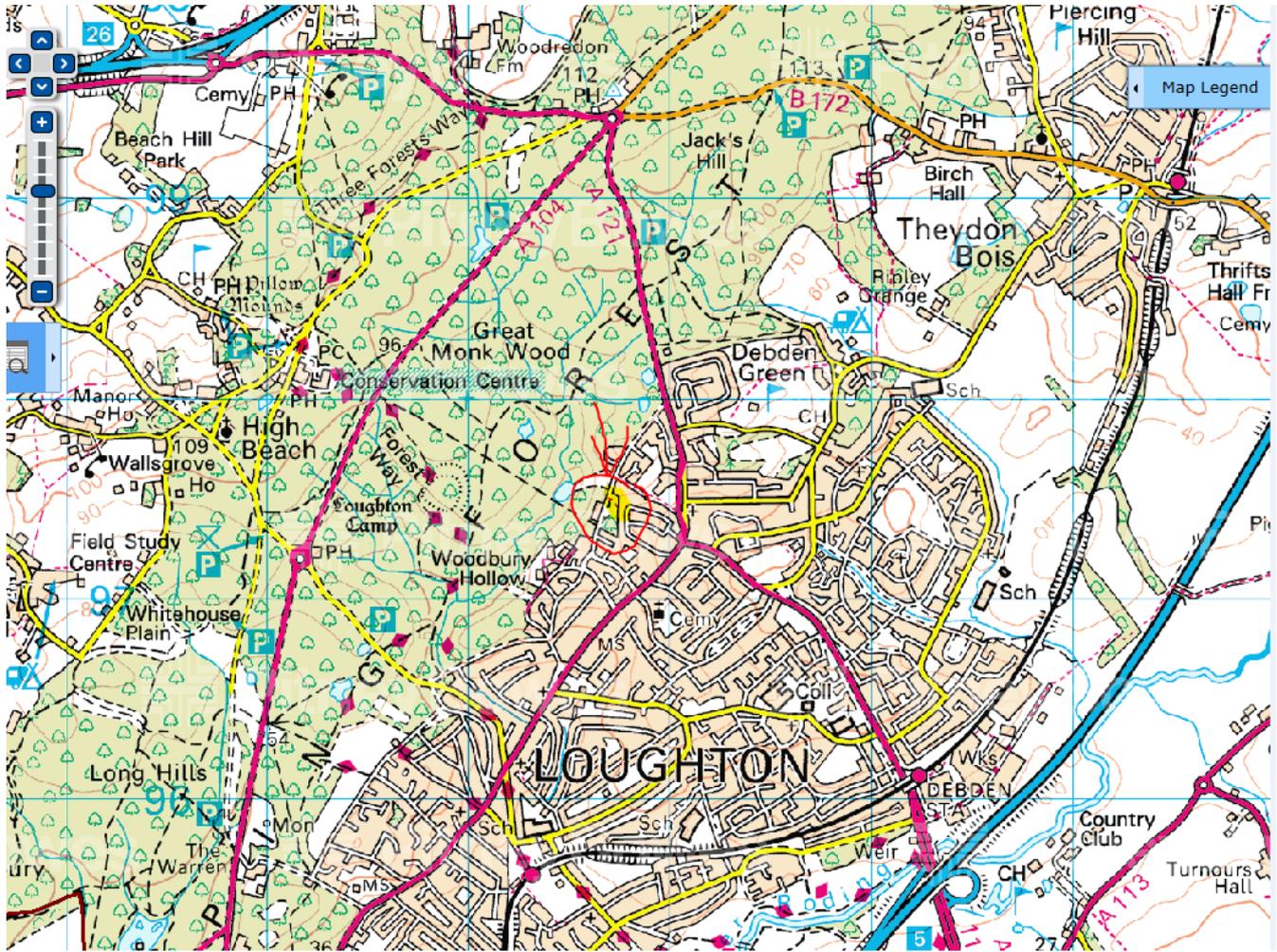


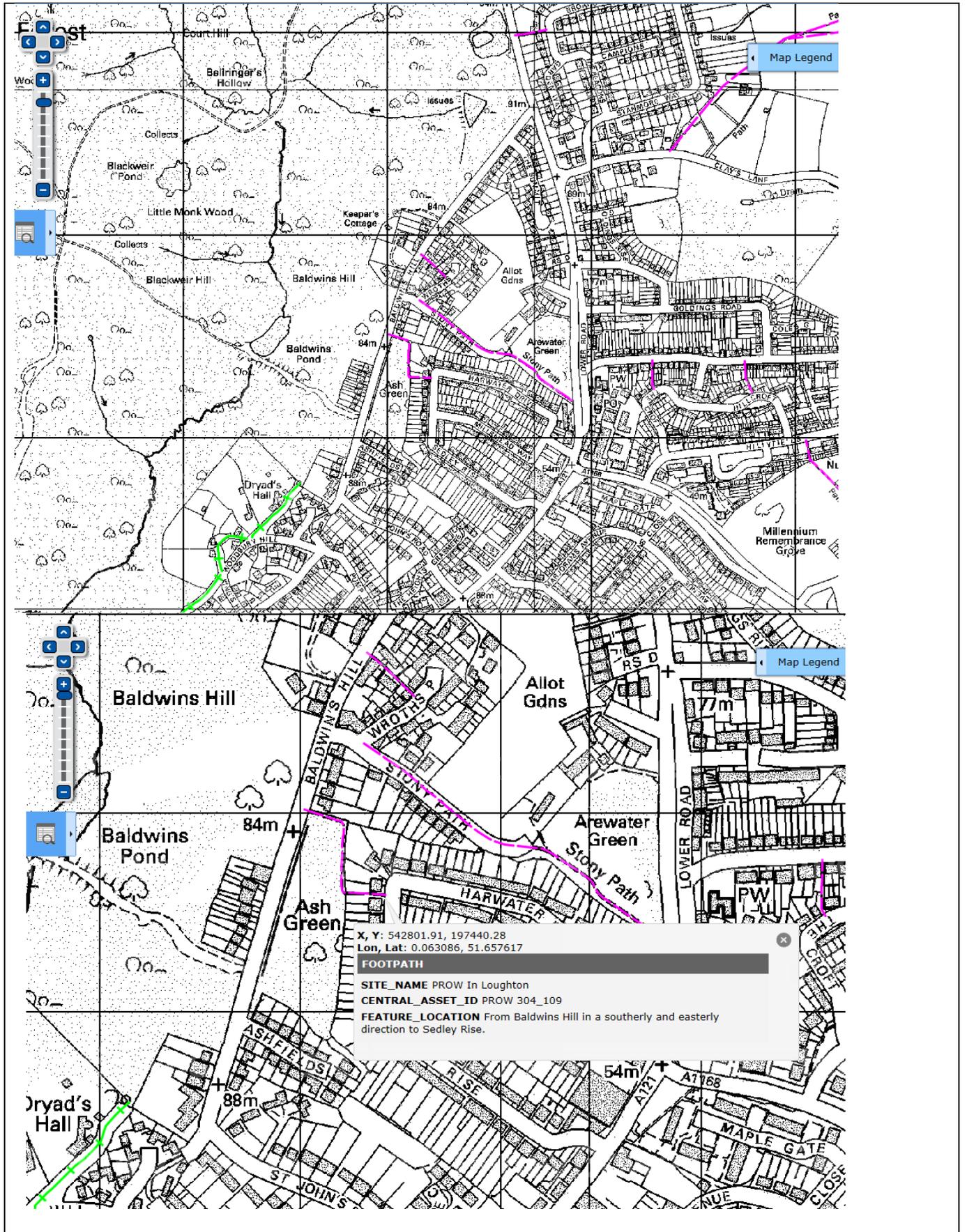
<b>ESTIMATED COST:</b>	£50,000
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## INTERNAL SCHEME REQUEST FORM FOR LHP

<b>NAME:</b>	Robin Wallbank
<b>TEAM:</b>	PUBLIC RIGHTS OF WAY (WEST & SOUTH)
<b>DISTRICT:</b>	EPPING FOREST
<b>LOCATION:</b>	Public Footpath 109 Loughton. Known locally as the "Oatley Path"
<b>PROBLEM:</b>	Muddy and slippery footpath. Surfacing required.
<b>SCHEME DETAILS:</b>	<p><b>The Parish Council have drawn the above location to the attention of the Highways Department via the LHP. It has been noted to us that surfacing works are required along the path to the rear of Harwater Drive. Some question as to the material required as arisen as the path traverses land owned by the Forest and London Corporation.</b></p> <p>From past experience of working with the Forest Keepers, the preference for the make-up of the path would be a hoggin material.          - In particular Coxswell Gravel. For note – we have carried out work on Footpath 19 Loughton, not far from this location using Coxswell gravel as requested by the Forest Keepers.</p> <p>The path is indicated as being adopted on Highway Records but still at present being shown the definitive map. It looks to be a well defined tarmac path with steps at one end and a smaller section of tarmac the other but with no ascertainable surface condition (at first glance) along the remainder. The 1951 survey card says it was paved, and that it was "maintained by the council". We take that to have been referring to Chigwell Urban District Council at that time. No width is specified, but on maps it looks to be a standard footway width of 1.8mt or thereabouts.</p> <p>The fall of the land has meant that much of the path suffers from natural flow of water which has in turn caused issues of surface covering of silt and soil and other detritus.</p> <p>Works Required:          Some edging of the path at the northern end has suffered and may need renewing along.          Works to create a suitable path (improve) between metalled sections. This may have to be built from Coxswell gravel as per guidance from the Forest keepers. Edging to this path          Investigations to how to improve drainage to and along path.          Investigation of idea/s for the above          Improvements to the metalled section          Possible improvements to the handrail</p>

**LOCATION PLAN:**







**PHOTOS:**

