

# HIGHWAY VERGE MANAGEMENT T

Planning and Development Note



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<i>Author</i>	<i>Geoff Sinclair/Richard Edmonds</i>

Highway Verge Management

## PLANNING AND DEVELOPMENT NOTE

### INTRODUCTION

Planning and Development Notes (PDN) aim to review and collate the City Corporation's (CoL) property management issues for key activities, alongside other management considerations, to give an overview of current practice and outline longer term plans. The information gathered in each report will be used by the CoL to prioritise work and spending, in order to ensure firstly that the COL's legal obligations are met, and secondly that resources are used in an efficient manner.

The PDNs have been developed based on the current resource allocation to each activity. An important part of each PDN is the identification of any potential enhancement projects that require additional support. The information gathered in each report will be used by CoL to prioritise spending as part of the development of the 2019-29 Management Strategy and 2019-2022 Business Plan for Epping Forest.

Each PDN will aim to follow the same structure, outlined below though sometimes not all sections will be relevant:

- **Background** – a brief description of the activity being covered;
- **Existing Management Program** – A summary of the nature and scale of the activity covered;
- **Property Management Issues** – a list of identified operational and health and safety risk management issues for the activity;
- **Management Considerations** – a list of identified management considerations for the activity;
- **Potential Enhancement Projects Requiring Additional Support** – a list of projects for which additional support would be required;
- **Management Strategy** – a summary of the key operational objectives for the activity;
- **Outline Management Program** – a summary of the key management actions identified with anticipated timelines for completion;
- **External Operational Stakeholders** – a list of external stakeholders who have an operational input to the activity (if any), who have been consulted as part of the compilation of the Planning and Development Note;
- **Bibliography** – a list of existing reports (if available) that have formed part of the audit for the PDN; and
- **Appendices.**



## BACKGROUND

The Forest roads provide visitors with the opportunity to easily access many areas of Epping Forest in their car, however, the growing amount of traffic is having significant negative impacts for people and nature. The joint Essex County Council and City Corporation 'Epping Forest Transport Strategy: 2009-2016' put the Forest central to local transport decision-making and sought to address key impacts that the road network and increasing traffic caused. There also a number of statutory obligations that the Conservators need to meet concerning road verge management. This Policy and Development note outlines the Highway verge management issues and presents a management programme to meet the various needs.

In 2015, highway verge management by the City Corporation across Epping Forest was repurposed from a reactive process where works were undertaken following the identification of a problem by the Highway Authorities to a proactive planned maintenance regime. In addition the local highway authorities across the Forest undertake verge management work on some of the main Forest roads.

### Existing Risk Management Activity

The City Corporation currently undertakes four main risk management activities along Forest highway verges:

- *Keeping the public highway free of obstructions* - Under the Highways Act (1980), all adjoining landowners have a statutory responsibility to ensure that trees and understory vegetation does not obstruct the public highway.
- *Managing risks from hazardous trees*:- Under the Occupiers Liability Acts and the Health and Safety at Work Act the safety risks associated with trees impacting on highways are covered separately by the City Corporation's Tree Safety Policy. All public highways have been identified as the highest safety priority, referred to as 'Red zones'. Under this policy, 'A' and locally known fast roads are classed as Red 'Plus zones and neighboring trees are surveyed annually by a suitably qualified arboriculturalist., trees lining other 'B' and 'C' class roads are inspected every two years.
- *Maintaining Safe Sightlines*: a program of sight-line clearance to improve safety for Forest users at entrances and crossing points is undertaken, usually in Jun/July with follow-up work as required. Visibility of road signs is undertaken on a reactive basis.
- *Deer Vehicle Collisions*: Epping Forest staff attend *circa.* 50 deer vehicle collisions a year with an unknown number addressed by other agencies. Several measures are already being taken by the COL to reduce their incidence.

### Existing Management Program

An audit of the highway network across the Forest in 2014 identified a total of around 121 km (302ha) of road verges requiring regular maintenance work. Note that one road may have two potential maintainable verges. The breakdown of the maintainable verge network across the three geographic zones to the nearest half kilometer is as follows: North 57.5km, Central 47 km and South 17 km. Appendix Two gives the detailed highway verge management listing.

Routine verge management is largely undertaken by local contractors on a three year competitively tendered program. The first three-year program ended in 2017 with a new program tendered and let in 2018 with 69.8km of verge cut in 2018 and 50.7km and 64 km cut in 2019 and 2020 respectively. The annual variation is due to working some areas on cycles of 2 or more years with a core of annually managed works.

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In addition to the contract operations, COL staff work the more difficult sections of highway and also undertake any reactive works that occur during the year. A typical 'difficult' site would be where there is a high prevalence of parked cars making it necessary to undertake hand rather than machine based work.

### Existing Management Practice

To aid planning and implementation of the works, the Highway verge has been divided into three management zones which are defined as follows:

Zone 1	1 metre wide strip adjacent to road edge.	Short turf or herbs.
Zone 2	An area 1 metre back from the road edge. May be between 1 and 4 metres wide.	Tall herbs, scramblers, shrubs and /or scrub.
Zone 3	May be adjacent to zone 1 or 2 or adjacent to the roadside in some cases.	Tall semi-mature or mature trees

Standard work specifications for creating and maintaining zones 1 and 2 have been given in Appendix One. Not all roads will have all the management zones with, for example, roadside hedges immediately adjacent to the road being effectively Zone 2 and there is no Zone 1 or 1m wide short turf strip.

The reactive management history of the highway verges has meant that woody growth has grown to a large size in some locations and initial works may be required to convert this to a more maintainable condition. The specifications in Appendix One make a distinction between the 'creation', that is the first cut of long established woody vegetation and 'maintenance' types of tasks on more recently managed vegetation.

The main equipment used when managing the verge is a tractor mounted rotary flail. Where a tidier finish is required, especially when working older established woody vegetation, a tractor mounted circular hedge saw is used. To lift the crowns of trees overhanging the highway a specially adapted double decker bus is hired in to give arboriculturists a work base that ensures trees are cut to an appropriate height.

## PROPERTY MANAGEMENT ISSUES<sup>1</sup>

### Tree Safety

- Public highways are categorised as a high risk area (or high use target) under the City Corporation's Open Spaces Department Tree Safety Policy.

### Infrastructure

- Highway structures including signs and lights (not on COL owned land): Highway structures not located on land owned by the City Corporation need to be kept clear of obstructing vegetation arising from Epping Forest land.
- Highway structures including signs and lights (on COL owned land): Highway structures that are located on Epping Forest Land are covered by wayleave and other agreements. The maintenance of these structures, including keeping them free of obstructing vegetation, is the responsibility of the wayleave holder and not the COL.
- Epping Forest Threshold signs: In 2017 the City Corporation installed 30 enameled threshold signs at 26 locations. The signs, based on Walter Spradbery paintings, mark key locations and Gateways to the Forest and have been erected on BS EN 12899-1; 2007 (Support designs for UK Traffic signs) compliant supports. Maintenance of these signs is the responsibility of the City Corporation,

### Sightlines

- Forest paths and car parks: Sight lines on main Forest paths, typically the shared use path network, and car parks exit onto the public highway are maintained by the COL. We have 75 'areas' of the Forest with multiple sightlines cut once a year in June/July with repeat cuts undertaken on a reactive basis.
- Highway sight lines: Highway sight lines, such as at road junctions, are not normally maintained by the COL. as there is no obligation to do so. To reduce longer term management costs by maintaining road verge vegetation in a more cheaply managed condition, some highway verge locations are maintained, eg Wake Arms junction, with other possible locations envisaged for this work (See Management Considerations below)

### Highway & Forest Verge

- The Highways Act 1980 requires the City Corporation to ensure we do not obstruct the highway. In practice we have interpreted this to mean the management of woody vegetation so that growth does not prevent the passage or affect the safety of highway users, including cyclists and pedestrians. While no specific guidance is given in the Act, it is generally accepted that the minimum clearance should be 2.4m over a footpath and 5.2m over a road (measured from the centre line).

### Forest Verge Deterioration & Verge Overriding

- Unusually much of Forest Land extends right to the road edge without the intervening fringe of highway verge. The growth in vehicle size and in particular width and the increase in traffic movements is

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<sup>1</sup> Safety and organisational risks

## Highway Verge Management

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contributing to widening roads onto Forest Land and consequent erosion. This is a new phenomenon for the Forest which will need to be addressed in partnership by the Conservators and the Highway Authorities.

### Deer

- On average staff are called out once a week to perform humane dispatch of deer injured following a collision with motor vehicles, with an unknown but estimated larger number of incidents attended by other agencies. The majority of incidents occur in the north of the Forest with the area around The Lower Forest and the B1393 a particularly bad location for collisions. Along the B1393 a wider verge has been created and the tree crowns lifted so as to give improved visibility of deer on the road verge for drivers. Deer management related to highways is covered separately by the Deer Management Policy.

### Ditches

- Many road verges across the Forest include a drainage ditch, the management of which varies between the COL and the Highways authority. Currently a reactive management system is in place in that when problems occur or a land drainage notification is sent in then work is undertaken.

### Anti-Social behavior

- Fly-tipping: Around 75% of illegal waste incidents occur at the road verge in Epping Forest. These incidents represent a significant financial cost to the City Corporation or the Highway Authority as well as posing a notable environmental threat. Reducing opportunities for fly tippers is a key consideration with verge management options responding to local conditions, eg letting vegetation grow to prevent parking opportunities for potential fly-tippers.
- Unauthorized vehicle encroachment: The road verge is often the point of entry for people accessing the Forest in vehicles for a range of unauthorized and antisocial behavior including illegal encampments, raves and joy riding.

## MANAGEMENT CONSIDERATIONS

### Property

- Private roads and wayleaves liability: In the absence of agreements stating otherwise, verge and woody vegetation along the edge of private roads and wayleaves is not maintained by the COL.
- Reducing long term management costs: The potential high costs of reactive verge risk management works, especially where traffic management is required, means that in some locations long-term costs could be reduced by converting the verge vegetation into a more easily manageable condition over and above what would be needed to address risk management alone.
- COL owned roads: The COL has approximately 6km of privately owned roads that are used regularly by third parties with access rights. The management of these varies depending on the local access agreements in place.

## Ecological

- SSSI/SAC: Road verges in many parts of the Forest are situated within land designated as a Sight- of Special Scientific Interest (SSSI) and Special Area of Conservation (SAC) and provide an environmental framework within which works need to be carried out.
- Special Roadside Verges (Previously Roadside Nature Reserves): Verges along four roads have been designated by Essex Wildlife Trust as Special Roadside Verges to protect their botanical interest. In total 2,250m of verge have been designated with two species present at the time, Toothed Hawkweed *Hieracium calcaricola* and Anglian Hawkweed *H. diaphanum* found nowhere else in Essex. Management of the special verges is geared towards conserving rare, typically grassland, species as well as enhancing the floral diversity of the road network across Essex. Past under-management has meant that some of their original grassland value has been eroded.
- Habitat management: With approximately 302ha of road verge under management the opportunity arises to integrate habitat management with verge risk management so that multiple objectives are met for the same or similar cost. Roadside habitats are important for providing food and shelter for many species and form a vast network along which species can move and disperse.
- Air pollution: Roadside vegetation can directly and indirectly affect local and regional air quality with potential benefits to the habitat quality of the Forest as well as for visitors and residents. The ways in which vegetation affect air quality are through:
  - Temperature reduction and other microclimatic effects
  - Removal or filtering of air pollutants
  - Emission of Volatile organic compounds (VOCs)

## Landscape

- Roadside landscape: Tens of thousands of people pass through Epping Forest every day using the road network. The road verge can present a dramatic and attractive backdrop to these visitors with at least two distinctive road verge characters:
  - ‘Tree Tunnel’: The tunnel effect created by the tree canopies coalescing across roads, such as along the Epping New Road; and,
  - Ancient Tree vistas: Commuters through the Forest can observe some characteristic tree groups associated with the wood pasture character of the Forest, eg at the Wake Arms roundabout.
  - Tree Avenues: Victorian plantings along Forest roadsides have established distinctive tree avenues of Oak on Theydon Green, Horse Chestnut in Woodford Green and London Plane on Wanstead Flats. Almost without exception these avenues are coming to the end of their functional life.
- Landscape conservation: The opportunity arises to integrate the restoration of former distinct landscapes with verge risk management so that multiple objectives are met. For example, the Robin Hood Roundabout was at one time a much more open grassy environment and very different from the



woodland conditions today. Other possible areas include the anti-Highway man clearances along the B172 which abut the heathy woodpasture of Long Running.

- **Signage:** Highway signage introduces an intrusive element into the Forest landscape which is not always necessary. Remnant structures of old signs are frequently left standing but fulfilling no highway function. There are possible alternatives to signs such as the use of passive signage in the verge such as jockey rails to mark speed bumps rather than signage.

### Access

The Forest verge is increasingly being used for parking by visitors, residents and commuters. Roads around popular visitor locations, such as Connaught Water and High Beach can be almost impassable on some days when verge parking is particularly prevalent. Increased vehicle ownership by households has led to pockets of unauthorised Forest verge parking where space to park the vehicles is insufficient on the resident's property. The introduction of Controlled Parking Zones (CPZs) in many areas has led to displacement of parking to previously unused verge by commuters on areas of the Forest previously untroubled by parking pressure. Overall, verge parking on the large scale being seen in some locations is causing substantial physical damage to the Forest as well as presenting, at times, challenging access conditions which detracts the visitor experience along with additional road safety concerns.

### Heritage

- **Heritage structures:** Associated with the road verge across the Forest are a range of structures linked to the cultural heritage of the roads, for example milestones, coal tax posts, water pumps and drinking troughs. The milestone at Gregson's Ride on the A121 into Loughton is a protected 'listed building' and is in our care. Ownership of these structures is not always clear however in recent years the expanded management by the Conservators has revealed more of these from encroaching vegetation and local interest groups, such as the 'Milestones Society' ([www.milestonesociety.co.uk/](http://www.milestonesociety.co.uk/)) have developed with a keen interest in such structures.
- **Directional signage:** Alternating Black and white timber finger post signage which reflect the rural character of an earlier era, circa 1930's, are still present at key junctions around the Forest in Essex. Recent replacements to damaged signs have been of a much inferior quality and there are concerns that a traditional aspect of the Forest roadside landscape is at risk from erosion

## MANAGEMENT STRATEGY

Overall objectives for managing highway road verges in Epping Forest:

1. To have an annual management program that ensures we meet the COL's highways verge management requirements under the Highways Act (1980);
2. To reduce our long-term liability and maintenance costs for managing highway verges;
3. To reduce opportunities for antisocial behavior, including road verge parking;
4. To integrate highways vegetation management into wider operational habitat, heritage and landscape management.



**OUTLINE MANAGEMENT PROGRAMME**

Objective	Action	Timing (Years)
1/2/3	<i>Review:</i> Survey the location of roadside ditches and highway signage and identify maintenance responsibilities.	<b>5</b>
1/2/4	<i>Review:</i> Junction management plans prepared for high use junctions.	<b>3</b>
4	<i>Review: Highway Heritage features management needs to be collated and any maintenance works included in the Forest Furniture maintenance plan</i>	<b>2</b>
3	<i>Unauthorized access management:</i> Liaise with Local Authorities on the introduction of verge management orders to restrict damaging verge parking.	<b>2</b>
1	<i>Highway verge management:</i> Zones 1,2, and 3 cut as required.	<b>Annual</b>
4	<i>Special Verge management: Special verge initial improvement works as required with ongoing maintenance.</i>	<b>7</b>
2	<i>Risk Monitoring:</i> Regular monitoring of tree safety as per Tree Safety Policy.	<b>Ongoing</b>
1	<i>Sight-lines: Cut back sight- lines to where required at car parks, main path exits and selected road junctions. All woody vegetation cut as per zone 2 or 3 as needed. Where zone 2/3 is too thick clear Zone 1 with brush cutter and request further cutting by the arm flail mower.</i>	<b>Annual</b>
1	<i>Gateway signage: Cut back annually all ground and arboreal vegetation that would impede the visual impact of the sign.</i>	<b>Annual</b>

## APPENDICES

1. Specifications for works applied to Zones 1-3.
2. Highway Verge Detailed activity plan.
3. Example of works map

### Appendix 1: Specifications for works applied to Zones 1-3.

<b>Zone/Operation</b>	<b>Specification</b>
Zone 1 creation	Create a 1m wide swathe adjacent to the Highway edge free of woody vegetation
Zone 1 Maintenance	Maintain Z1 swathe - cut to a height of 15cm
Zone 2 Creation	Create a zone 1-4 m wide beyond Z1 of tall herbs scramblers and/or shrubs. Width will depend on local conditions and will be specified on each task. Typical considerations would include the impact on unauthorized parking, statutory designations such as the SSSI and SAC.
Zone 2 Maintenance	Coppice Z2 vegetation or face up using chain flail or scrub cutter
Zone 3 Maintenance	Crown lift trees and/or other vegetation to 5.3m above the centre of the road.
Zone 3 Understorey	Remove or thin understorey to increase visibility. Width will depend on local conditions and will be specified on each task. Typical considerations would include the impact on unauthorized parking, statutory designations such as the SSSI and SAC.
Visibility Splay	Create or maintain a visibility splay at road junction
Pavement vegetation	Cut back vegetation to 50cm beyond footpath edge, crown lift trees to 2.2m
Roadside Hedge	Cut hedge back to prevent encroachment onto Highway
Roadside Ditch	Clear roadside ditch of vegetation
Street furniture	Clear vegetation back to give a minimum of 1m clearance from structure

**Appendix 2: Highway Verge Detailed activity plan.**

**Notes:**

- I. Map No: Refers to the works map applying to the action, Example in Appendix Three
- II. Cycle: Refers to frequency of the action, eg 1 = annually, 2= biennially, etc
- III. Comp Area: This is the compartment where activity takes place. For roads this has been simplified to just ‘Road’ as the road may straddle two or more compartments. Signs are likewise listed as ‘Sign’ with the work undertaken as per each map area.
- IV. Year: These are bit out of date on this table but are current on the operational program and contracts.

Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
AW - Gateway sign	Sign		<b>Earls Path (Jnt w Smarts Lane)</b>	H	June	2018	1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Aldersbrook Road (Jnt w Forest View Road)</b>	O	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Avey Lane (near Jnt w Manor Rd)</b>	B	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Barn Hoppitt (Car Park)</b>	H	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Bury Road (Jnt w Hornbeam Lane)</b>	H	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Bush Road (Off Green Man Roundabout)</b>	O	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Centre Road (2 signs, near jnt w Forest Road)</b>	O	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Chingford Lane (just off roundabout)</b>	H	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Chingford Plain (Car Park)</b>	H	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Connaught Water (Car Park)</b>	H	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.

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Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
AW - Gateway sign	Sign		<b>Coppice Row (Theydon Green - Jct Loughton Lane)</b>	B	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Epping High road (Jnt w Hemnall Street)</b>	B	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Forest Road (Jnt w Beacontree Ave)</b>	O	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Goldings Hill (2 signs – near Goldings Hill pond car park)</b>	H	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>High Beach (East end Car Park)</b>	B	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>High Beach (West end of car Park)</b>	B	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Hill Wood (Tea Hut Car Park)</b>	B	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Honey Lane (2 signs - Near Volunteer Pub)</b>	B	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Jubilee Pond (Car Park)</b>	O	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Lake House Road (Jct w Dames Road)</b>	O	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Mott Street (near Jnt w Church Rd)</b>	B	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Pick HI (Jnt w Horseshoe Hill/Upshire Rd)</b>	B	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Rangers Road (2 signs – Jnt w Bury Road)</b>	H	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Snaresbrook Road (Eagle Pond/Forest Access Gate)</b>	O	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Whipps Cross Roundabout (TBC due to Mini Holland Works)</b>	O	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.

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Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
AW - Gateway sign	Sign		<b>Woodford New Road (Northbound off Waterworks)</b>	O	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Gateway sign	Sign		<b>Woodford New Road (Southbound off Waterworks)</b>	O	June		1		Cut back all ground and arboreal vegetation that would impede the visual impact of the sign.
AW - Management access maintenance	58		<b>Great Gregories:</b> Farm track	F6	Aug	2016	1	900	Zone 2 maintenance hedge Approx. total cutting distance 900m
SL- Sight lines	1		<b>Epping Long Green:</b>	B	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	2		<b>Galley hill</b>	B	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	3		<b>Lower Forest:</b>	B	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	4		<b>Epping Thicks &amp; Bell Common:</b>	B	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.

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Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
SL- Sight lines	6		<b>St Thomas' Quarters:</b>	B	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	7		<b>Long running &amp; Ambresbury Banks:</b>	B	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	8		<b>Genesis Slade:</b>	B	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	9		<b>Honey Lane Quarters:</b>	B	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	10		<b>Wake Valley:</b>	B	June	2019	1		Cut back all sight lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	11		<b>Great Monk wood &amp; Deer shelter plain:</b>	B	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were



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Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
									access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	13		<b>Birch Wood &amp; Oak Hill</b>	B	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	14		<b>Pillow Mounds &amp; Comical Corner:</b>	B	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	15		<b>Warren Plantation:</b>	B	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	16		<b>Black weir Hill:</b>	B	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	17		<b>Blind lane: Bridleway</b>	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.

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Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
SL- Sight lines	17		<b>Fernhills to High Beech Church:</b>	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	17		<b>Green lane:</b> Bridleway	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	17		<b>High beach:</b> Church Road	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	18		<b>High Beach:</b> Paul's Nursery Road:	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	19		<b>Loughton Camp:</b>	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	20		<b>Loughton Brook &amp; Staples Hill:</b>	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were

## Highway Verge Management

Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
									access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	21		<b>Hill wood:</b>		June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	22		<b>Fairmead &amp; Whitehouse plain:</b>	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	23		<b>Strawberry hill:</b>	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	24		<b>Bury wood:</b>	O	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	25		<b>Yardley hill &amp; Pole hill:</b>	O	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.

**Highway Verge Management**

Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
SL- Sight lines	26		<b>Bury road:</b> Car park bottom and top	O	June	2019	1		Sight- line access gate cut back either side.
SL- Sight lines	26		<b>Bury road:</b> Entrance to Sovereign fields.	O	June	2019	1		Sight- line access gate cut back either side.
SL- Sight lines	26		<b>Bury road:</b> green lane to Cashfield lane	O	June	2019	1		Sight- line at the end of the lane cut back right-hand side.
SL- Sight lines	26		<b>Bury road:</b> green lane to Cashfield lane from Daws hill to the access gate	O	June	2019	?		Bomford side and ground vegetation alongside of the lane (bridleway)
SL- Sight lines	26		<b>Bury road:</b> woodmans ride	O	June	2019	1		Sight- line access gate cut back either side.
SL- Sight lines	26		<b>Chingford plain and golf course:</b>	O	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	26		<b>Rangers road:</b> Butlers retreat	O	June	2019	1		Sight- line access gate cut back either side.
SL- Sight lines	26		<b>Rangers Road:</b> Green ride crossing	H	June	2019	1		Sight- line Blackthorn cutting back on east side. Small trees on southern side.
SL- Sight lines	27		<b>Connaught Water:</b>	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting. NOTE MINI TRACTOR DOWN RANGERS RD
SL- Sight lines	28		<b>Buckhurst Hill:</b> Cricket Pitch	28.3	June	2019	1		Cut with Tractor Mounted flail the car park entrance sight line
SL- Sight lines	28		<b>Buckhurst Hill:</b> Roebuck Green	O	June	2019	1		Sight- lines all road ends need to be strimmed.
SL- Sight lines	28		<b>Warren Hill &amp; Powel's Forest:</b>	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.

## Highway Verge Management

Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
SL- Sight lines	29		<b>Barn Hoppit &amp; Whitehall Plain:</b>	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting. NOTE NEEDS SMALL TRACTOR
SL- Sight lines	29		<b>Buckhurst Hill:</b> Brook road agreed horse crossing	H	June	2019	?		Sight- line over Brook road. Blackthorn - extensive cut back
SL- Sight lines	29		<b>Buckhurst Hill:</b> Brook road Bridleway onto Whitehall plain	H	June	2019	1		Crown lift and strim
SL- Sight lines	30		<b>Buckhurst Hill:</b> High road next to Highclare flats	O	June	2019	1		Cut back Bramble zone 1 & 2 Brush cutters required
SL- Sight lines	30		<b>Chingford lane :</b> Horse crossing from Golf course to Whitehall Plain	O	June	2019	?		Sight- line crossing needs to be opened. LBWF may still be installing an improved crossing.
SL- Sight lines	30		<b>Chingford lane :</b> Montalt Ave both ends	O	June	2019	1		Sight- line at access gate cut back either side
SL- Sight lines	30		<b>Hatch Forest &amp; Plain:</b>	O	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	31		<b>Buckhurst Hill:</b> Woodland way to Forest way.	O	June	2019	1		Sight- line and over pavement cut back either side
SL- Sight lines	31		<b>Knighton Wood:</b>	O	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	32		<b>Buckhurst Hill:</b> Forest Edge / Lords Bushes	O	June	2019	1		Sight- line cut back either side of access gate.
SL- Sight lines	32		<b>Buckhurst Hill:</b> Knighton lane car park	O	June	2019	1		Start of bridleway, Elm regrowth around bridleway sign

**Highway Verge Management**

Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
SL- Sight lines	32		<b>Buckhurst Hill:</b> Knighton lane top of Squirrel path	O	June	2019	1		Sight- line at access gate strim nettles
SL- Sight lines	32		<b>Buckhurst Hill:</b> Monkhams Lane	O	June	2019	1		Sight- line Blackthorn regrowth needs cutting back
SL- Sight lines	32		<b>Buckhurst Hill:</b> Monkhams Lane through Knighton woods	O	June	2019	1		Sight- line at access gate strimming and minor tree cutting.
SL- Sight lines	32		<b>Lords bushes:</b>	O	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	33		<b>Highams Park:</b>	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting. NOTE CHINGFORD LANE / THE AVENUE NEEDS SMALL TRACTOR
SL- Sight lines	34		<b>Oak hill:</b> Bottom gate and top gate	O	June	2019	1		Cut back either side
SL- Sight lines	34		<b>Walthamstow Forest:</b>	O	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	35		<b>Gilbert's Slade &amp; Rising sun wood:</b> scrub cut or flail bramble on sight- line back to holy trees on east side	O	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.

## Highway Verge Management

Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
SL- Sight lines	36		<b>Leyton Flats:</b>	O	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	37		<b>Wanstead Park:</b>	O	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	38		<b>Aldersbrook road :</b> Opp Queenswood road pavement that runs to bus stop roundabout	O	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	38		<b>Wanstead Flats:</b> Bushwood cycle track and Corner of Centre road and Aldersbrook road.	O	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	50		<b>Galley hill wood</b>	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	51		<b>Kennel wood &amp; Monkams Hall Field</b>	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were

**Highway Verge Management**

Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
									access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	52		<b>Warlies Estate</b>	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	53		<b>Woodredon Estate (North)</b>	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	54		<b>Copped Hall (North)</b>	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	55		<b>Copped Hall (South) &amp; Raveners</b>	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	56		<b>Coopersale</b>	B	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.



## Highway Verge Management

Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
SL- Sight lines	57		<b>Woodredon Estate (south)</b>	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	58		<b>Great Gregories</b>	B	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	59		<b>Deer Sanctuary</b>	O	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	60		<b>Loughton Golf Course</b>	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	61		<b>Trueloves</b>	H	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	62		<b>North Farm</b>	O	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were

## Highway Verge Management

Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
									access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL- Sight lines	63		<b>Swaines Green</b>	B	June	2019	1		Cut back all sight- lines where required on car parks bridleway exits / road junctions etc. All woody vegetation as per zone 2 or 3 as needed. Zone 1 cleared were access is needed to zone 2 by Brushcutter. Or noted for later Bomford cutting.
SL-Highway special verge management	Road	D	<b>Loughton:</b> Earls path	D6	Oct/Nov	2019	3	1100	1 - priority - cut back scrub / small trees a further 2/3 m back from the bank do not blow chip on to the verge. 2 - priority section- cut back scrub / small trees a further 2/3 m do not blow chip on to the bank. 3 - priority cut back scrub / small trees 2/3 m do not blow chip onto verge. Approx total distance 1.100M Road side nature reserve Maintenance: verge to be bomford cut to a height of 20cm . No scraping of verge. Area behind verge cut as low as possible
SL-Highway special verge management	Road	D	<b>Loughton:</b> Earls path	D6	Oct/Nov	2018	1	1720	Zone 1 & 2 maintenance Approx total cutting distance 1,720 M. Note <b>road side nature reserve</b> Maintenance: verge to be bomford cut to a height of 20cm . No scraping of verge. Area behind verge cut as low as possible
SL-Highway special verge management	Road	E	<b>Woodridden Hill</b>	E5		2019	3	700	1- Priority section cut scrub back 2-3 m 2- cut back scrub 2-3 m <b>do not cut Butchers Broom</b> (red dots on map). 3- cut back scrub. Do not spray wood chip on any of the verges. Approx. distance 700M. Should be a roadside nature reserve shown on north side in the map

## Highway Verge Management

Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
SL-Highway special verge management	Road	F	<b>Crown hill:</b>	F1		2016	0	180	Cut back scrub and small trees ( mainly holly) 2 / 3 m do not blow chip onto verge. Approx. Distance 180m between posts marked in blue on map. <b>Roadside nature reserve.</b>
SL-Highway special verge management	Road	F	<b>Jacks hill:</b> Coppice row	F2	Oct/Nov	2017	0	1000	1- cut back scrub and small trees 2-3 M - do not blow chip onto verge. Do not cut heather ( red dots on map). 2- cut back scrub and small trees 2-3 m thin medium sized trees by 50%. 3 - Cut back scrub and small trees 2-3 m. 4 - cut back scrub and small trees 2-3 m thin medium sized trees by 50%. Approx. distance 1,000M.
SL-Highway special verge management	Road		<b>Jacks hill:</b> Coppice row	F2	Oct/Nov	2018	1	1000	Maintenance: verge to be bomford cut to a height of 20cm . No scraping of verge. Area behind verge cut as low as possible
SL-Highway verge management	Road	A	<b>Wanstead Flats:</b> Aldersbrook Road, Forest Drive and Forest View Road	A3	Aug	2018	1	2300	Zone 1 & 2 maintenance: Approx. cutting distance 2,300 m
SL-Highway verge management	Road	A	<b>Wanstead Flats:</b> Browning Road					NA	no work required
SL-Highway verge management	Road	A	<b>Wanstead Flats:</b> Bush wood Rd	A5	Aug	2019	2	1069	Zone 1 / 2 maintenance cut road side vegetation Approx. Distance to cut 1,069 m
SL-Highway verge management	Road	A	<b>Wanstead Flats:</b> Bushwood Road and Blake hall road	A6	Aug	2018	1	982	Zone 1 & 2 maintenance Approx. cutting distance 982 m.
SL-Highway verge management	Road	A	<b>Wanstead Flats:</b> Capel Road	A1	Aug	2018	1	493	Zone 1 & 2 creation of elm regeneration and Bramble May require hand tools as cars park along the road If clear <b>Do Not CUT RE GROWING APPLE TREE OPPOSIT- THE GOLDEN FLEECE.</b> Approx. total Cutting distance 493m.
SL-Highway verge management	Road	A	<b>Wanstead Flats:</b> Davies Lane					NA	no work required
SL-Highway verge management	Road	A	<b>Wanstead Flats:</b> Ferndale Road					NA	no work required
SL-Highway verge management	Road	A	<b>Wanstead Flats:</b> Harrow Road	A 9	Sept	2018	3	300	Zone 1 and 2 maintenance Approx. total cutting distance 300 m

## Highway Verge Management

Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
SL-Highway verge management	Road	A	<b>Wanstead Flats:</b> Lakehouse. Dames and Centre Road	A7	Aug	2018	1	4576	Zone 1 & 2 maintenance including car park sight lines Approx. Total cutting Distance 4,576 m.
SL-Highway verge management	Road	A	<b>Wanstead park:</b> Northumberland Ave	A2	Aug	2020	3	700	Zone 1 & 2 maintenance Approx. total cutting Distance 700m
SL-Highway verge management	Road	A	<b>Wanstead Park:</b> Warren Road	A8	June	2018	1	135	Zone 1 & 2 creation either side of fence. Hand tools may be required due to parked cars Approx. Total cutting distance 135 m
SL-Highway verge management	Road	A	Woodcote Road					NA	No work required
SL-Highway verge management	Road	A	<b>Woodford Road:</b> Rising sun	A4	Sept	2020	3	1725	Zone 1 & 2 maintenance Approx total cutting distance 1,725 m
SL-Highway verge management	Road	B	<b>Oak Hill:</b> The Bridal path IG8 9 PA	B23	Sept	2018	1	151	Zone 1&2 Maintenance Approx. total cutting distance 115 m
SL-Highway verge management	Road	B	<b>Forest Road:</b> Beacontree Avenue	B9	Aug	2018	1	540	Zone 1&2 maintenance as required Approx. total cutting distance 540 m
SL-Highway verge management	Road	B	<b>Forest school:</b> Buxton Drive	B19	Sept	2018	0	80	Zone 1&2 creation Approx total cutting distance 80 m
SL-Highway verge management	Road	B	<b>Forest school:</b> Forest Court	B17	Sept	2018	1	100	Zone 1 maintenance and clear around emergency access gate at end of road Approx. total cutting distance 100 m
SL-Highway verge management	Road	B	<b>Forest school:</b> Forest Rise West	B10	Aug	2018	1	210	Zone 1&2 maintenance Approx total cutting distance 210m
SL-Highway verge management	Road	B	<b>Forest school:</b> Oak Hurst grd	B20	Sept	2018	1	130	Zone 1&2 creation Approx. total cutting distance 130 m
SL-Highway verge management	Road	B	<b>Forest school:</b> St Peters Ave / Forest Rise	B2	Aug	2018	1	610	Zones 1 & 2 maintenance approx. Distance to cut 610 m
SL-Highway verge management	Road	B	<b>Forest school:</b> The Forest	B18	Sept	2018	Na	275	Zone 1 & 2 maintenance and removal of lime sucker growth Approx. total cutting distance 275 m
SL-Highway verge management	Road	B	<b>Leabridge Road:</b> To Snaresbrook rd.	B16	Sept	2020	3	445	Zone 2 creation & pavement vegetation Approx. total cutting distance 445 M
SL-Highway verge management	Road	B	<b>Leyton Flats: (Whipps cross)</b> Forest glade	B6	Aug	2018	1	178	Zone 1 & 2 maintenance Approx. total cutting distance 178 m
SL-Highway verge management	Road	B	<b>Leyton Flats:</b> (Whipps cross) James Lane	B7		2019	2	658	Zones 1 & 2 maintenance including sight lines. Approx cutting distance 658 m.
SL-Highway verge management	Road	B	<b>Leyton Flats:</b> Whipps Cross Road	B11	Aug	2019	2	720	Zone 1 & 2 maintenance Approx. total cutting distance 720 m

## Highway Verge Management

Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
SL-Highway verge management	Road	B	<b>Oak hill:</b> Forest Drive	B8	Nov	2018	1	385	Zone 1 & 2 initial cut. Approx. total distance to cut 385 m
SL-Highway verge management	Road	B	<b>Snaresbrook Road:</b>	B1	Aug	2019	2	1221	Zone 1 & 2 Maintenance. Clear round street furniture Etc. by hand as required. Approx. total Distance to cut 1,221 m
SL-Highway verge management	Road	B	<b>Snaresbrook:</b> Hollybush Hill	B14	Sept	2018	1	470	Zone 1&2 creation. Note by hand around bollards. Approx. total cutting distance 470 m
SL-Highway verge management	Road	B	<b>Walthamstow Forest:</b> Peel road	B4	Aug	2018	1	69	Zone 1 & 2 maintenance. Approx. Total cutting distance 69 m
SL-Highway verge management	Road	B	<b>Wanstead:</b> New Wanstead	B15	Sept	2018	3	340	Zone 1&2 maintenance Note some by hand Approx. total cutting distance 340 m
SL-Highway verge management	Road	B	<b>Waterworks:</b> Forest road	B22	June	2019	2	420	Zone 1 maintenance Approx. total cutting distance 420 m
SL-Highway verge management	Road	B	<b>Woodford New Road:</b> Oak hill to lodge villas	B3	Aug	2018	1	570	Zone 1 & 2 maintenance cut including clear around bus stops/ signs/ milestone / lamps and signs Approx. total cutting distance 570 m
SL-Highway verge management	Road	B	<b>Woodford:</b> Harman Ave / Lodge Villas	B13	Aug	2019	3	180	Zone 1 & 2 maintenance Approx. Total cutting distance 180 m.
SL-Highway verge management	Road	B	<b>Woodford:</b> Oak Hill	B12	Aug	2019	2	875	Zone 1 & 2 Maintenance South side Zone 2 maintenance area A and B North side. Approx. total cutting distance 875 m
SL-Highway verge management	Road	B	<b>Woodford:</b> Gascoigne Gardens	B5	Aug	2018	2	165	Zone 1 and 2 Maintenance. (Community Contact Vera Thomas, Tel 020 8504 5725) Approx. total cutting distance 165 m
SL-Highway verge management	Road	C	<b>Buckhurst hill High Road:</b>	C33	June	2018	NA	230	Zone 1 & 2 maintenance Approx. total cutting distance 230 M <b>No work required not forest land</b>
SL-Highway verge management	Road	C	<b>Buckhurst Hill:</b> Roebuck green / North End / The drive	C26		2020	3	695	Zone 1 & 2 maintenance Approx. cutting distance 695 m.
SL-Highway verge management	Road	C	<b>Buckhurst Hill:</b> Knighton Lane	C25	Aug	2019	3	288	Zone 1 & 2 maintenance Approx. cutting distance 288 m
SL-Highway verge management	Road	C	<b>Buckhurst Hill:</b> Manor Road	C27		2020	3	640	Zone 1 & 2 maintenance Approx. cutting distance 640 m.

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Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
SL-Highway verge management	Road	C	<b>Buckhurst Hill:</b> Monkhams Lane	C5	Jan	2018	1	122	Zone 1 & 2 maintenance cut Approx. Distance to cut 122m.
SL-Highway verge management	Road	C	<b>Buckhurst Hill:</b> Monkhams Lane and Forest Edge	C6	Jan	2018	1	735	Zone 1 & 2 maintenance cut. Approx. distance to cut 735m.
SL-Highway verge management	Road	C	<b>Buckhurst Hill:</b> Woodland Close	C36		2020	3	80	Zone 1 maintenance road side hedge Approx. total cutting distance 80 M
SL-Highway verge management	Road	C	<b>Chingford Lane:</b> wood lane	C7		2020	2	NA	Included in Chingford lane: The Lops
SL-Highway verge management	Road	C	<b>Chingford lane:</b> Lichfield Road	C38		2018	3	50	Zone 1 & 2 maintenance Approx. total cutting distance 50 m
SL-Highway verge management	Road	C	<b>Chingford Lane:</b> The lops	C7	Aug	2020	2	2309	Zone 1 & 2 Maintenance Approx. distance to cut 2,309m.
SL-Highway verge management	Road	C	<b>Chingford:</b> Bury Road	C4	June	2018	1	2080	Zone 1 maintenance: Cut back roadside vegetation on both side for the road. Along the Golf Course section of the road we are looking for a more maintained edge and a double pass of the flail on both sides of the road, will be required to ensure the tall herbaceous vegetation is sufficiently cut back. Approx. cutting distance total 2,080 m.
SL-Highway verge management	Road	C	<b>Chingford:</b> Forest Glade E4 9RJ	C44	Sep	2018	3	?	Zone 3 Crown statutory crown lift approx. total cutting distance? ownership currently in dispute
SL-Highway verge management	Road	C	<b>Chingford:</b> Hawksmouth E4 7NA	C45	Sept	2021	3	185	Zone 1&2 maintenance Approx. total cutting distance 185 M
SL-Highway verge management	Road	C	<b>Chingford:</b> Tamworth ave	C37		2020	3	90	zone 1 & 2 and statutory crown lift Approx. total cutting distance 90 m
SL-Highway verge management	Road	C	<b>Chingford:</b> The Green Walk	C43	Aug	2020	3	120	Zone 1&2 maintenance Approx. total cutting distance 120 M
SL-Highway verge management	Road	C	<b>Chingford:</b> Yardley Lane	C2	Jan	2020	3	498	Zone 1 & 2 maintenance. Approx. total cutting distance 498 m..
SL-Highway verge management	Road	C	<b>Epping New Road:</b> Rangers road to Fairmead	C35		2020	3	350	Zone 1 maintenance Pavement vegetation Approx. total cutting distance 350 m.
SL-Highway verge management	Road	C	<b>Epping New Road:</b> Reeds Forest	C32		2020	3	600	Zone 1 & 2 creation Area A Approx. total cutting distance 600 m for areas A and B. Need to separate

## Highway Verge Management

Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
SL-Highway verge management	Road	C	<b>Epping New Road:</b> The Wilderness	C21		2019	2	65	Zone 1 Maintenance: Pavement vegetation Zone one maintenance / road side ditch Approx. total cutting distance 65 m
SL-Highway verge management	Road	C	<b>Epping New Road:</b> Powell's forest	C34		2020	3	170	Zone 1 & 2 maintenance Approx. total cutting distance 170 m.
SL-Highway verge management	Road	C	<b>Epping New Road end</b> Rangers Road:	C3	Nov/Dec	2018	1	1938	Zone 1 & 2 maintenance: NB Road verge to have stump regrowth and herbaceous vegetation cut back to a depth of up to three flail cutter head widths on both sides of the road as space permits. Approx. total cutting distance 1,938 m.
SL-Highway verge management	Road	C	<b>Forest Side:</b>	C30		2018	1	835	Zone 1 & 2 maintenance Approx. total cutting distance 835 m
SL-Highway verge management	Road	C	<b>Forest side:</b> Forest Court	C29		2020	3	70	Zone 1 maintenance road side hedge Approx. total cutting distance 70 m
SL-Highway verge management	Road	C	<b>Forest side:</b> The Copse	C28		2019	2	200	Zone 1 & 2 maintenance Roadside hedge Approx. total cutting distance 200 m
SL-Highway verge management	Road	C	<b>Friday Hill:</b> Chingdale Road	C13		2020	3	200	Zone 1 & 2 creation Approx. cutting distance 200m
SL-Highway verge management	Road	C	<b>Hatch grove:</b> Hornbeam Grove	C22		2016	0	180	Zone 1 & 2 creation and statutory crown lift Approx. total cutting distance 180 m
SL-Highway verge management	Road	C	<b>Hatch Grove:</b> Groveside road	C13		2017	0	NA	Included in Friday Hill: See Chingdale road
SL-Highway verge management	Road	C	<b>Hatch Grove:</b> Newgate street	C40	sept	2020	3	770 m	Zone 1 & 2 maintenance Approx. total cutting distance 770 m
SL-Highway verge management	Road	C	<b>Highams park lake:</b> The charter road	C20		2020	3	320	Zone 1 & 2 maintenance Pavement vegetation Approx. total cutting distance 320 m
SL-Highway verge management	Road	C	<b>Highams Park:</b> Tamworth avenue	C37		2017	0	90	Zone 1 & 2 creation and statutory crown lift Approx. total cutting distance 90 m
SL-Highway verge management	Road	C	<b>Knighton Wood:</b> The Glade	C24		2019	2	120	Zone 1 & 2 maintenance Approx. total cutting distance 120 m
SL-Highway verge management	Road	C	<b>Larkshall Road:</b> Colvin Gardens	C42		2017	0	190	Zone 1 & 2 creation Approx. total cutting distance 190 m
SL-Highway verge management	Road	C	<b>Larkshall Road:</b> Mays Lane	C31	Nov	2020	3	20	Zone 1 maintenance Approx. total cutting distance 20 m

## Highway Verge Management

Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
SL-Highway verge management	Road	C	<b>Loughton : Warren Hill</b>	C 14	June	2018	1	300	Cut back to tree line grass and woody vegetation / Strim ditch line Approx. total cutting distance 300 m. <b>Please note roadside verge is currently in ownership dispute.</b>
SL-Highway verge management	Road	c	<b>Loughton: The Crescent</b>	C23		2017	0	50	Remove zone 3 understory // bus shelter / Highways infrastructure. Approx. total cutting distance 50 m
SL-Highway verge management	Road	C	<b>Montalt road</b> Beechwood end	C7		2018	2	NA	Included in Chingford lane: The Lops
SL-Highway verge management	Road	C	<b>Montalt road:</b> Marion grove end	C7		2018	2	NA	Included in Chingford lane: The Lops
SL-Highway verge management	Road	C	<b>Rangers Road:</b> Lime Avenue from Bury Road to the Queen Elizabeth Hunting Lodge	C9	Jun	2018	1	444	Zone 1 maintenance: Cut a 1-1.5m grass verge. Strim/cut the grass between the trees and remove the basal epicormics from the limes. Approx. total cutting Distance 444 m.
SL-Highway verge management	Road	C	<b>Walthamstow Forest:</b> Woodford New road	C8	Aug	2019	3	480	Zones 1 & 2 creation Approx. Total cutting Distance 480 m.
SL-Highway verge management	Road	C	<b>Whitehall lane:</b> Hempstead close	C12	Aug	2018	2	173	Zone 1 maintenance Clear sight- line. Approx. total cutting distance 173 m
SL-Highway verge management	Road	C	<b>Whitehall Plain:</b> Brook road	C11	Nov	2018	2	823	Zone 1 & 2 maintenance cut. Approx. total cutting distance 823 m.
SL-Highway verge management	Road	C	<b>Whitehall road:</b>	C18		2019	2	1500	Zone 1 & 2 maintenance / pavement vegetation / bus shelter Highways infrastructure Approx. total cutting distance 1,500 m
SL-Highway verge management	Road	C	<b>Whitehall road:</b> The Pines				3	NA	no work required
SL-Highway verge management	Road	C	<b>Whitehall Road:</b> Forest Road	C18		2019	2	1500	Zone 1 & 2 maintenance
SL-Highway verge management	Road	C	<b>Woodford High road:</b> <b>Burlington Place IG8 0PZ</b>	C46	Aug	2021	3	70	Zone 1 Roadside hedge and statutory crown lift Approx total cutting distance 70 m
SL-Highway verge management	Road	C	<b>Woodford Golf course:</b> Sunset Avenue	C1	Aug	2018	2	800	Zone 1 & 2 maintenance cut. Note busy narrow road in places due to parking. Approx. cutting distance 880m.
SL-Highway verge management	Road	C	<b>Woodford New road:</b> Broom Hill Road	C16			0	340	<b>Zone 1 &amp; 2 creation</b> Approx, total cutting distance 340 m. <b>Note waiting for ownership confirmation from Superintendent</b>



## Highway Verge Management

Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
SL-Highway verge management	Road	C	<b>Woodford New road:</b> Broom Hill walk	C19	Sep / Feb	2018	3	55	Zone 1 maintenance / pavement hedge 3 yearly Note hand cutting for pavement side Approx. total cutting distance 55 m
SL-Highway verge management	Road	C	<b>Woodford New road:</b> Bunces lane	C10	Aug	2020	2	NA	Included in the works for The Roses
SL-Highway verge management	Road	C	<b>Woodford New road:</b> Snakes lane west	C15		2018	3	15	Zone 1 & 2 creation Approx Total cutting distance 15 m
SL-Highway verge management	Road	C	<b>Woodford New road:</b> The Roses	C10	Aug	2020	2	300	Zone 1 & 2 maintenance Approx. total cutting distance 300 m.
SL-Highway verge management	Road	C	<b>Woodford:</b> Alders avenue	C17		2017	0	180	Zone 1 & 2 creation Approx. Total cutting distance 180 m.
SL-Highway verge management	Road	C	<b>Woodford:</b> Broadmead Road			2017	1	NA	No work required at present
SL-Highway verge management	Road	D	<b>Bury Road:</b> Sewardstone	D10	Aug	2019	2	2435	Zone 1 & 2 maintenance BT pole Approx. total cutting distance 2,435 m
SL-Highway verge management	Road	D	<b>Chingford Golf course:</b> Forest View Road	D12	Sept	2020	3	745	Zone 1 maintenance/ roadside ditch / hedge. Note problems with parked cars Approx. total cutting distance 745 m
SL-Highway verge management	Road	D	<b>Chingford:</b> Connaught Ave				0	20	Zone 3 maintenance 20 m stretch. No work required
SL-Highway verge management	Road	D	<b>Chingford:</b> Hawksmouth	D19	Aug	2020	3	195	Zone 1 & 2 Creation Approx. total cutting distance 195 m
SL-Highway verge management	Road	D	<b>Chingford:</b> Hornbeam lane	D13	Sept	2018	3	225	Zone 1 maintenance Approx. total cutting distance 225 m
SL-Highway verge management	Road	D	<b>Epping Glade:</b> South Avenue	D17	Aug	2018	3	160	Zone 1 & 2 Creation Approx. total cutting distance 160 m
SL-Highway verge management	Road	D	<b>Epping New Road:</b> Just after roundabout sign heading north	D11	Oct/Nov	2018	1	100	Zone 1 & 2 maintenance <i>Berberis vulgaris</i> (1shrub) beside Geum pond, Broad-leaved Helleborine just after sign Approx. total cutting distance 100 m. <b>Road side nature reserve</b>
SL-Highway verge management	Road	D	<b>High Beach:</b> Robin hood roundabout	D 20	Nov	2018	1	150	Zone 1 and 3 maintenance: Bomford cut zone 1/3 and strim banks Approx. total cutting distance 150 m.

## Highway Verge Management

Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
SL-Highway verge management	Road	D	<b>High Beech:</b> Church Road, Crossroads and Avey Lane	D1	Nov	2018	1	3242	Zone 2 Maintenance cut as per highways vegetation management specification. NB Crossroads and its approach from the junction with Fairmead road to have stump regrowth and herbaceous vegetation cut back to ensure existing open area is maintained. Approx. total cutting distance 3142m.
SL-Highway verge management	Road	D	<b>High Beech:</b> Lippits Hill	D2	Nov	2018	1	1167	Zone 2 Maintenance cut as per highways vegetation management specification. Approx. total cutting distance 1167m.
SL-Highway verge management	Road	D	<b>High Beech:</b> Mott Street	D3	Nov/Dec	2018	1	692	Zone 2 Maintenance cut as per highways vegetation management specification. Some sections may not be possible to cut back a full metre and cutting should ensure vegetation is clear of the road. Approx. total cutting distance 1454 m.
SL-Highway verge management	Road	D	<b>Kings Head Hill:</b> Holy Drive	D16	Aug	2018	0	235	Zone 1 & 2 Creation Approx. total cutting distance 235 m
SL-Highway verge management	Road	D	<b>Kings Head Hill:</b> Pole Hill Road	D15	Aug	2018	3	20	Zone 1 & 2 maintenance / BT pole Approx. total cutting distance 20 m
SL-Highway verge management	Road	D	<b>Kings Head Hill:</b> Woodberry way	D14	Aug	2019	2	60	Zone 1 & 2 maintenance Highways infrastructure Approx. total cutting distance 60 m
SL-Highway verge management	Road	D	<b>Lippits Hill:</b> Triangle	D4	March	2019	5		Re pollard the willows on the Triangle. Thin out dead and dying Elm and sycamore potentially impacting on the road. Chip trailer needed will have to park on triangle when dry. Stop go may be needed for road side willow.
SL-Highway verge management	Road	D	<b>Loughton:</b> Connaught ave 20 m section	D9		2020	3	NA	Included in Nursery Road: The Stubbles
SL-Highway verge management	Road	D	<b>Loughton:</b> Lower Road	D5	Sep	2020	3	217	Zone 2 vegetation management. Requires hand held hedge cutters, pole saw and bruscutter due to narrow road and frequent parked

## Highway Verge Management

Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
									vehicles. Approx. Distance to cut 217m.
SL-Highway verge management	Road	D	<b>Loughton:</b> Smarts lane	D7	Aug	2019	2	200	Zone 1 & 2 maintenance Approx. total cutting distance 200 m
SL-Highway verge management	Road	D	<b>Nursery Road:</b> conservators' pound	D8	Sept	2018	1	500	Zone 1 maintenance road side hedge and ditch/ highways infrastructure Approx. total cutting distance 500 m
SL-Highway verge management	Road	D	<b>Nursery road:</b> The Stubbles	D9		2020	3	200	Zone 1 & 2 maintenance Approx. total cutting distance 200 m
SL-Highway verge management	Road	D	<b>Sewardstone Road:</b> Epping Glade	D18	Aug	2019	2	170	Zone 1 & 2 maintenance Approx. total cutting distance 170 m.
SL-Highway verge management	Road	E	<b>High Beech:</b> Claypit Hill	E18	Sept	2020	3	2030	Zone 1 & 2 maintenance and statutory crown lift. Approx. total cutting distance 2,030 m
SL-Highway verge management	Road	E	<b>High Beech:</b> Manor Road	E16	Sept	2020	3	1030	Zone 1 & 2 maintenance and statutory crown lift Approx total cutting distance 1,030 m
SL-Highway verge management	Road	E	<b>High Beech:</b> Pynest Green Lane	E19	Sept	2018	3	1390	Zone 1 & 2 maintenance and statutory crown lift Approx. total cutting distance 1,390 m
SL-Highway verge management	Road	E	<b>High Beech:</b> Wellington Hill	E17	Sept	2020	3	1122	Zone 1 & 2 creation and statutory crown lift Approx. total cutting distance 1,122 m
SL-Highway verge management	Road	E	<b>Loughton:</b> Woodbury Hill	E13	Sept	2018	3	100	Zone 1 & 2 maintenance Approx. total cutting distance 100 m
SL-Highway verge management	Road	E	<b>Epping New Road:</b> A104	E8	Aug	2020	3	15260	Zone 2 maintenance Approx, total cutting distance 15,260 m
SL-Highway verge management	Road	E	Goldings Hill	E6	Aug	2018	2	367	Zone 1 Zone 2 maintenance approx. total cutting distance 367 m
SL-Highway verge management	Road	E	<b>High Beech:</b> Pauls Nursery Road	E15	Sept	2018	3	1374	Zone 1 & 2 maintenance Approx. total cutting distance 1,374 M
SL-Highway verge management	Road	E	Jacks hill	E7	Oct/Nov	2016	2	2556	Zone 1 Zone 2 maintenance approx. total cutting distance 2,556 km <b>Road side nature reserve Map D6</b>
SL-Highway verge management	Road	E	<b>Loughton:</b> Baldwins Hill	E12	Sept	2020	3	570	Zone 1 & 2 maintenance statutory crown lift at North East end Approx. total cutting distance 570 m

## Highway Verge Management

Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
SL-Highway verge management	Road	E	<b>Loughton:</b> Debden Lane Golf course end	E11	Sept	2020	3	290	Zone 1 & 2 maintenance Approx. total cutting distance 290 m
SL-Highway verge management	Road	E	<b>Loughton:</b> Golding's hill North	E20	Sept	2018	3	1916	Zone 1 & 2 maintenance both sides of road Approx. total cutting distance 1,916 m
SL-Highway verge management	Road	E	<b>Loughton:</b> Shaftsbury	E14	Sept	2018	2	590	Zone 1 & 2 maintenance Approx. total cutting distance 590 m
SL-Highway verge management	Road	E	<b>Loughton:</b> Staples Road	E3	Nov	2019	1	380	Zone 1 & 2 Maintenance cut. Approx. Total cutting distance 380m.
SL-Highway verge management	Road	E	Poplar Row					NA	Local authority amenity cut. No work required
SL-Highway verge management	Road	E	<b>Theydon:</b> Debden Green triangle	E10	Sept	2020	3	360	Zone 1 & 2 maintenance Approx. total cutting distance 360 M
SL-Highway verge management	Road	E	<b>Theydon:</b> Loughton Lane	E9	Sept	2020	3	730	Zone 1 & 2 maintenance Approx. total cutting distance 730 m
SL-Highway verge management	Road	E	<b>Theydon:</b> The Green					NA	Local authority amenity cut. No work required
SL-Highway verge management	Road	E	Wake Road	E1	Nov	2018	3	2540	Zone 2 maintenance: Approx. total cutting distance 2, 540 m
SL-Highway verge management	Road	E	<b>Woodreddon Hill</b> Note see map E5 special verge	E2	Aug	2018	1	3200	Zone 2 creation. Note sightlines to be cut down Woodreddon Farm Lane and Wake Road. Ensure the roadside ditch is clear of overhanging vegetation. Approx. Total cutting distance 3200 m.
SL-Highway verge management	Road	F	<b>Epping:</b> Forest Side	F11	Sept	2018	3	280	Zone 1 & 2 maintenance approx. total cutting distance 280 m
SL-Highway verge management	Road	F	<b>Bell common:</b> Hemnal street	F3	July	2018	1	132	Zone 1 road side hedge South side maintenance. Zone 1/3 North side mowing. Approx. total cutting distance 132 m
SL-Highway verge management	Road	F	<b>Epping:</b> Bell Common	F10	Sept	2019	2	580	Zone 1 & 2 maintenance approx. total cutting distance 580 m
SL-Highway verge management	Road	F	<b>Epping:</b> Ivy chimneys	F7	Sept	2018	3	330	Zone 1 & 2 maintenance approx. total cutting distance 330 m
SL-Highway verge management	Road	F	<b>Epping:</b> Little Gregories Lane	F13	Sept	2018	3	660	Zone 1 & 2 maintenance and statutory crown lift approx. total cutting distance 660 m
SL-Highway verge management	Road	F	<b>Epping:</b> Piercing Hill	F12	Sept	2020	3	270	Zone 1 & 2 maintenance approx. total cutting distance 270 m
SL-Highway verge management	Road	F	<b>Epping:</b> Western Avenue	F6	Sept	2018	3	10	Zone 1 maintenance Approx. total cutting distance 10 m (Brush Cutter By hand)

## Highway Verge Management

Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
SL-Highway verge management	Road	F	Theydon Road	F9	Sept	2020	3	1000	Zone 1 & 2 maintenance approx. total cutting distance 1,000 m
SL-Highway verge management	Road	F	<b>Upshire:</b> Crown Hill:	F5		2019	3	1800	Zone 1 / 2 creation and statutory crown lift (circular cutter most suitable). <b>Special verge area Please</b> see map F1 for special verge specifications Approx. Total cutting distance 1,800m
SL-Highway verge management	Road	F	<b>Waltham Abbey:</b> Honey lane	F14	Sept	2018	3	130	Zone 2 creation dead elm clearance Zone 1 & 2 Maintenance Approx. total cutting distance 130 M
SL-Highway verge management	Road	F	<b>Waltham Abbey:</b> Horseshoe Hill	F15	Sept	2018	3	2940	Zone 1 & 2 maintenance were required Approx. total cutting distance 2,940 m
SL-Highway verge management	Road	F	<b>Woodreddon Hill:</b> Woodgreen Road	F4	Aug	2018	1	1720	Zone 1 & 2 creation and sightline clearance at Woodreddon road junction Approx. total cutting distance 1,720 m. <b>Please note shaded areas on map are forest land.</b>
SL-Highway verge management	Road	G	<b>Epping Green Road:</b>	G7	Sept	2018	3	276	Zone 1 & 2 maintenance. Approx. total cutting distance 276 m
SL-Highway verge management	Road	G	<b>Epping:</b> Bury Lane	G4	Sept	2020	3	1365	Zone 1 & 2 maintenance Approx. total cutting distance 1,365 m
SL-Highway verge management	Road	G	<b>Galley Hill:</b>	G8	Sept	2018	3	3230	Zone 1 & 2 maintenance where required and statutory crown lift where required Approx. total cutting distance 3,230 m
SL-Highway verge management	Road	G	<b>Gillwell:</b> Daws Hill	G2	Nov	2020	2	450	Zone 2 Maintenance. Note our boundary goes up to the fence so the land between the fence and ditch can also be cut where appropriate. Approx. total cutting distance 450 m
SL-Highway verge management	Road	G	<b>Holly Hedge Field:</b>	G1	Aug	2018	1	671	Zone 1 maintenance. Approx. total cutting Distance 671 m.
SL-Highway verge management	Road	G	<b>Holly Hedge Field:</b>	G3	Sept	2018	1	1342	Zone 2: Maintenance cut to top and cut both side of the hedge. Light cut to maintain shape and cut current seasons growth Approx. total cutting distance 1,342 m
SL-Highway verge management	Road	G	<b>Sewardstone:</b> Crooked mile and Holyfield road	G9	Sept	2018	3	3314	Zone 1 & 2 maintenance. Approx.

## Highway Verge Management

Operational Activity	comp area	EF Sub	Location	Map no	Month	Year	Cycle	Length	Description
									total cutting distance 3,314 m
SL-Highway verge management	Road	G	<b>Upshire:</b> Fernhall Lane	G6	Sept	2018	3	1840	Zone 1 & 2 maintenance where required and statutory crown lift where required Approx. total cutting distance 1,840 m
SL-Highway verge management	Road	G	<b>Upshire:</b> Long Street	G5	Sept	2018	3	1380	zone 1 & 2 maintenance where required and statutory crown lift Approx. total cutting distance 1,380 m
SL-Highway verge management	Road	G	<b>Waltham Abby:</b> Breach Barns Lane	G10	Sept	2019	3	300	Zone 1 maintenance Approx. total cutting distance 300 M
SL-Highway verge management	Road	H	<b>Epping:</b> The Plain	H2	Nov	2020	3	125	Zone 1 & 2 clearance Approx. Total cutting distance 125 m
SL-Highway verge management	Road	H	<b>Lower Forest:</b>	H1	Aug	2018	1	4317	Zone 1 & 2 maintenance: Cut all woody regrowth within the cleared area running along the roadside. Works part of Deer RTA prevention work. Approx road cutting distance 4,317 m.
SL-Highway verge management	Road	H	<b>Lower Forest:</b> Coopersale Common	H5	Sept	2018	3	515	Zone 1 & 2 maintenance. Approx. total cutting distance 515 m
SL-Highway verge management	Road	H	<b>Lower Forest:</b> The Woodyard	H6	Sept	2018	3	280	Zone 1 & 2 maintenance. Approx. total cutting distance 280 m
SL-Highway verge management	Road	H	<b>Lower Forest:</b> Woodside	H4	Sept	2018	3	300	Zone 1 & 2 maintenance Approx. total cutting distance 300 m.
SL-Highway verge management	Road	H	<b>Upland Road:</b>	H3	Sept	2018	3	200	Zone 1 & 2 maintenance and statutory crown lift Approx. total cutting distance 200 m
SL-Highway verge management	Road		<b>Buckhurst Hill:</b> High road	C41	Aug	2019	2	1770	Zone 1 & 2 maintenance Approx total cutting distance 1.770 m
SL-Highway verge management	Road		<b>Organ Lane:</b> Larkwood Road entrance	C32	Jan	2018	1	NA	Included in Larkshall road: Colvin Gardens
SL-Highway verge management	Road	E	<b>Theydon:</b> Coppice row	E4	Aug	2018	1	90	Zone 1 and two maintenance clear footpath of overhanging vegetation Approx. total cutting distance 90 m

Appendix 3: Example of a Highway verge management works map

Map C Epp New Road Reeds Forest 32



Operational activity	Comp area	EF sub	Location	Map	Month	Year	Cycle	Description	Keeper	Team
SL-Highway verge management	Road	C	Epping New Road: Reeds Forest	C32		2020	3	Zone 1 & 2 maintenance Approx. total cutting distance 600 M		Con
<b>Key to Zones</b>										
Pavement vegetation					— · · — · · — · · —					
Zone 1					· · · · ·					
Zone 2					- - - - -					
Zone 1/2					- · · · · -					
Zone 3					—————					
Road side hedge					▬▬▬▬▬▬▬▬▬					
Epping Forest Land					■					
Special notes					Reference					