



# Uttlesford Protected Lanes Assessment

March 2012



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## 1 Introduction

Essex County Council's Historic Environment Branch was commissioned by Uttlesford District Council in 2012 to undertake an assessment of the Districts existing Protected Lanes using the new Protected Lanes criteria developed for the County (ECC 2009).

The work was undertaken in two stages, comprising an initial stage of deskbased assessment followed by field survey. Following the assessment, the scores for each Protected Lane were checked against the threshold for determining Protected Lane status. This report summarises the methodology and results of the project.

## 2 Background

## 2.1 Historic Lanes in Essex

The greater part of the road network in the Essex countryside derives from at least as far back as the medieval period. Much of it undoubtedly existed in Saxon times and it is likely that many roads and lanes were formed long before that. These lanes are part of what was once an immense mileage of minor roads and track-ways connecting villages, hamlets and scattered farms and cottages. Many were used for agricultural purposes, linking settlements to arable fields, grazing on pasture, heaths and greens; and other resources such as woodland and coastal marsh. Generally these roads were not deliberately designed and constructed; written records of the establishment of roads during the medieval period are rare (Rackham, 1986, 264). Instead they would have started life as track-ways without a bearing surface, although often with defined boundaries including hedgerows, ditches and banks.

The width of ancient roads depended then, as now, on the traffic using them but historic lanes tend to be very variable in width, often within a short distance. Before metalling the roads became rutted in wet weather and the traffic would move over less rutted areas to the sides. Principal roads between towns tended to be wide for this reason. Wide verges and linear roadside greens were also grazed by cattle, sheep and geese being driven through the countryside to market. Roadsides often had ponds associated with them for watering livestock, although it is clear from The Court Rolls that these frequently began life as extraction pits for clay and gravel (Emmison, 1991, 287). Many lanes had ditches along one or both sides of the lane to demarcate the highway and to assist drainage. These boundaries are frequently even more sinuous than the road itself. On the clay lands, the roads inevitably became water courses during heavy rain; the water would pour off the fields and wash away the muddy surface. They were also eroded through continuous use; over the centuries lanes on hillsides tended to become sunken. Lanes with marked differences in the level between two sides of a lane are also apparent on sloping ground, caused by lynchet formation - the gradual shift of soil down-slope caused by ploughing over hundreds of years. When roads became properly metalled in the 19<sup>th</sup> century and 20<sup>th</sup> centuries they became in a sense fossilized; the carriageways were fixed as metalled strips and the verges were formed from the marginal land between the carriageway and the highway boundary (Hunter, 1999).

Today, historic lanes are an important feature in our landscape: they continue to have an articulating role, providing insights into past communities and their activities through direct experience of a lanes historic fabric; contain the archaeological potential to yield evidence about these past human activities and to provide insights into the development of a landscape and the relationship of features within it over time; have considerable ecological value as habitats for plants and animals, serving as corridors for movement and dispersal for some species and acting as vital connections between other habitats; and allow people to enrich their daily lives by accessing cherished historic landmarks and landscapes, encouraging recreation within the countryside, thereby promoting well-being.

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## 2.2 Protected Lanes Policy in Essex

The policy to preserve Essex historic lanes has been in operation for over a quarter of a century and is summarized in a document prepared by Essex County Council (ECC, 1998). However when Local Authorities decided to reassess their existing Protected Lanes as part of the evidence base for the Local Development Frameworks, precise information on the criteria used to assess historic lanes for Protected Lane status and the original survey guidelines for making this assessment were found to be no longer available. Essex County Council's Historic Environment Branch was commissioned by Chelmsford Borough Council to develop robust and defensible criteria for its Local Development Framework, Core Strategy and Development Control Policies (Policy DC 15) on Protected Lanes (CBC, 2008, 75) and then to apply these criteria to Protected Lanes in the Borough (ECC, 2009). The criteria used for Chelmsford was found to work well and therefore has been used to assess those lanes in Uttlesford

## 2.3 Protected Lanes Policy in Uttlesford District Council

Uttlesford District in defining their Core Strategy and Development Control Policies wanted to retain their Protected Historic Lane Policy from their present Local Plan which identified a total of 168 lanes, however, there was a lack of supporting information for this policy and the Lanes had not been assessed for a period of at least 25 years.

## 3 Reason for the project

Development Policies can have significant effects and so it is important that the criteria for decision making and the evidence base on which decisions are made is comprehensive, robust and defensible. Consistency and transparency of judgment is crucial to public acceptability and fairness of the process. Detailed criteria for Protected Lane status and a methodical articulation of how a lane does or does not meet such criteria, which clearly illustrates the rationale behind a lanes selection, will make a major contribution to achieving that acceptability.

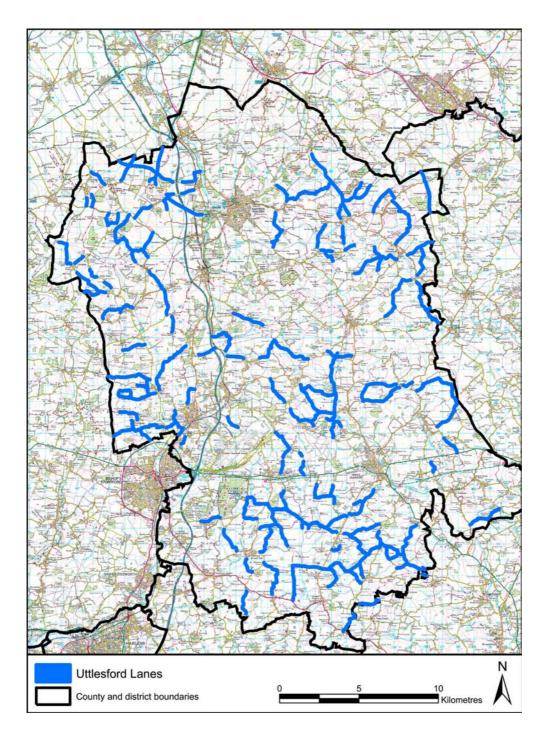


Figure 1 Location of the existing protected lanes of Uttlesford

## 4 Protected Lanes Criteria and Scoring System

The criteria and associated scoring system that were developed during the project and used to evaluate existing Protected Lanes in Uttlesford District through a combination of desk based and field assessment are set out below:

	PROTECTED	LANES SCORING SYSTEM	
Criterion	Type of	Description	Score
	assessment		
Diversity	Field	The lane has limited diversity of	1
	assessment	features, form, alignment, depth and	
		width	
		The lane has a moderate range of	2
		features but limited form, alignment,	
		depth and width or vice versa	
		The lane has a moderate range of	3
		features and form, alignment, depth	
		and width	
		The lane has a wide range of	4
		features, form, alignment, depth and	
		width	
Group Value	Desk-based	The lane has limited association with	1
(Association)	assessment	historic landscape features and other	
		heritage assets of broadly the same	
		date	
		The lane has direct association with	2
		one or more historic settlements or	
		other significant heritage assets of	
		broadly the same date	
		The lane has association with a	3
		moderate range of contemporary	
		historic landscape features and other	
		heritage assets	
		The lane has a strong association	4
		with numerous and/or designated	
		historic landscape features/other	
		heritage assets of broadly the same	

		date	
Archaeological	Desk-based	The lane has no known association	0
Association	assessment	with a non-contemporary	
		archaeological feature	
		The lane has a single association	1
		with a non-contemporary	
		archaeological feature	
		The lane has limited association with	2
		non-contemporary archaeological	
		features	
		The lane has a strong association	3
		with non-contemporary	
		archaeological features	
Archaeological	Field	The lane has limited potential for	1
Potential	assessment	archaeological evidence	
		The lane includes components which	2
		have the potential to contain	
		archaeological evidence	
		The lane contains a wide range of	3
		components with potential to contain	
		archaeological evidence	
	I	l	
Historic	Field	Significant improvements or damage	1
Integrity	assessment	evident; erosion of historic fabric	
		affecting significant length of the lane	
		(excluding significant hedgerow loss)	
		Moderate improvements or loss to	2
		historic fabric of the lane (excluding	
		significant hedgerow loss)	
		Limited or discrete erosion/damage	4

		to the historic fabric of the lane	
		and/or significant hedgerow loss	
			6
		No improvements to the lane and	0
		well preserved historic fabric	
<b>D</b>	T		
Biodiversity	Field and	The lane has limited biodiversity	1
	desk based	assets e.g. grass verge or bank,	
	assessment	single species hedge e.g. garden	
		hedge or has suffered significant	
		hedgerow loss	
		The lane has significant lengths of	2
		intermittent hedge (with or without	
		occasional mature trees) and verge	
		surviving and single non-designated	
		assets e.g. pond, or lane or is	
		adjacent/connected to designated	
		asset e.g. Ancient Wood, SSSI	
		Non-designated assets including	3
		continuous mixed species	
		hedgerows, mature trees (including	
		TPOs), grass verge with flowering	
		plants, ponds etc.	
		Designated assets e.g. LOWS,	4
		Special Verge, veteran pollards,	
		Ancient Species Rich hedgerow(s)	
		associated with the lane or its	
		component parts	
Aesthetic	Field	The lane has limited variety of	1
Value	assessment	aesthetic features, or	
		forms/alignment and no significant	
		views	
		The lane has a variety of aesthetic	2
			<u> </u>

features or forms/alignment and / or a	
significant view	
The lane has a wide variety of	3
aesthetic features or forms/alignment	
and / or more than one significant	
views	
1	

## **5** Assessment Procedure for Protected Lanes

The following section describes the processes undertaken in the assessment of each protected lane. This comprised both office based and on site assessment with all of the lanes visited. Figure 1 shows the location of all of the protected lanes.

#### 5.1 Units of Assessment

Each Protected Lane was identified by the original Uttlesford name and number, and a desk based assessment using Google Earth and Google Earth Streetview, Historic Environment Record (HER), and GIS data relevant to the criteria was undertaken. Examples of the GIS data used includes ancient Woodland, Special Verges, County Wildlife Sites, heritage assets including designated sites, and SSSI's. The use of Google Earth Streetview allowed a detailed assessment to be made along the length of the lane as part of the desk based assessment.

For the purposes of the field assessment, one or more completed forms were generated during the site visit for each named lane. These forms were completed in digital format being based on individual **units of assessment**. For a lane which was largely intact along the whole of its historic length (as identified on the first edition OS map), a single **unit of assessment** was identified and only one form completed. However, there were cases where

extensive alterations had occurred along a historic lane, or where a lane had been broken by a new road which meant that these lengths of lane automatically fell out of the criteria and as such either the lane was broken into separate units or were reduced in length. So for each named lane, one or more assessment forms had to be completed.

In some cases extra units were created, or original lanes amalgamated to link in with the actual route of the lane itself. In some cases road names and priorities had changed. All new units were added onto the original 161 lanes protected by the present Local Plan.

#### 5.2 Field Assessment

Each historic lane was assessed in good weather conditions by a team of two historic environment specialists. Digital records were updated or created during the assessment by the specialists.

#### 5.2.1 Photographic Record

Most units of assessment had a colour digital image taken of it and the photo recorded on the unit assessment sheet. Photographs were taken which illustrated the range of forms that a lane took and its historic features e.g. banks, ditches, veteran pollards, hedges etc.

#### 5.2.2 Data Fields:

For each unit of assessment, the following data fields were completed:

- Name name of historic lane
- Unit the number of the unit of assessment
- Highway / Byway Classification Class III, Unclassified or Byway Open to all Traffic (BOAT)

 NGRs – X and Y numbers for each end of the units of assessment. These were generated from the GIS after completion of the assessment. To allow this, the assessment maps (one for each historic lane) were marked at the beginning and end points of each unit of assessment during the field visit and the map annotated with the number of the unit.

**Description of form and features** – this was a description of the historic lane for the length of the unit of assessment. The description included information on the following where possible:

- Form(s) that the lane took e.g. sunken, flat, raised, or lynchet (positive lynchet on uphill side and/or negative lynchet on down hill side).
- Carriageway surface(s) e.g. tarmac, stone, grass, dirt, road planings etc.
- Verges width, flat, sloping etc.
- Banks and ditches including approximate dimensions and profiles
- If sunken depth of sunken lane including maximum, minimum, amount of variation etc



Deeply sunken lane (Lane 29)

 Associated vegetation e.g. hedgerows (with an indication of species mix i.e. largely single species, large variety of woody species etc, veteran trees (including pollards, coppice stools), mature trees, grass / flowering plants on verges and banks.



Pollard on side of protected lane with evidence of erosion and modern fencing (Lane 110)

**Description of erosion damage** – this was a description of erosion damage to the structure of the lane from vehicular traffic along the length of the unit of assessment. The description included information on damage to banks, verges and surfaces (in the case of unmetalled byways).



Erosion and damage caused by pipe laying in verge(Lane 9)

**Description of improvements** – this was a description of any significant improvements that had been made to a lane along the length of the unit of assessment. The description included information on the type and extent of traffic calming measures and other 'improvements' such as widening, kerbing etc.

*Views* – notable views, which are particularly scenic, unusual or which include contemporary historic features of note e.g. a parish church, listed building, farm complex or landscape that are framed by the lane and/or its associated vegetation were identified as were similarly significant 'offscape' views from the lane.



Farm complex bisected by lane (lane 102)

LANE ID	LOCATION	Diversity	Integrity	Potential	Aesthetic	Biodiversity	Group Value	Archaeol Association	TOTAL
UTTLANE1	Elmdon - Hertford Lane.	3	4	2	2	3	1	4	19
UTTLANE2	Elmdon - Royston Lane.	3	4	2	2	3	2	3	19
UTTLANE3	Elmdon - Quickset Road.	4	4	2	3	2	2	3	20
	Strethall/Elmdon - Royston								
UTTLANE4	Lane	3	2	2	2	2	1	2	14
	Littlebury/Strethall - Strethall								
UTTLANE5	Road.	2	4	2	2	4	2	2	18
UTTLANE6	Strethall - Strethall Field.	1	4	2	3	4	1	2	17
	Strethall - Lane leading								
UTTLANE7	to/from Catmere End.	3	4	2	3	2	1	2	17
UTTLANE8	Strethall - Strethall Hall Farm.	3	4	3	3	3	3	3	22
	Littlebury - North of Strethall								
UTTLANE9	Road.	3	1	2	2	1	1	1	11
UTTLANE10	Littlebury - Chestnut Avenue.	3	4	2	2	3	3	4	21
	Littlebury - Lane Leading to								
UTTLANE11	Catmere End.	2	2	1	1	4	1	1	12
	Littlebury - Littlebury Green								
UTTLANE12	Road.	2	4	1	1	1	1	2	12
	Littlebury - Chapel End,	-				-			
UTTLANE13	Littlebury Green.	3	4	2	2	3	2	2	18
	Elmdon/Littlebury - Littlebury								
UTTLANE14	Green to B1039	3	4	3	3	4	3	2	22
	Elmdon - Duddenhoe End		0				2		
UTTLANE15	(B1039 - Coopers End).	3	2	3	3	4	3	2	20
	Wenden Lofts - Lower Pond Street.	2	0	4	2	1	4	4	10
UTTLANE16	Wenden Lofts - Lane linking	2	2	1	2	1	1	1	10
UTTLANE17	Upper/Lower Pond St.	1	4	1	2	1	1	1	11

## Table 1Scores for all existing Protected Lanes

LANE ID	LOCATION	Diversity	Integrity	Potential	Aesthetic	Biodiversity	Group Value	Archaeol Association	TOTAL
	Wenden Lofts - School Lane,								
UTTLANE18	Upper Pond Street.	3	4	3	3	3	3	3	22
	Wenden Lofts - Cogmore,					<u> </u>			47
UTTLANE19	Upper Pond Street.	3	2	2	2	3	2	3	17
	Langley - Park Lane, Lower	4	4	2	2	4	2	0	22
UTTLANE20	Green.	4	4	3	3	4	2	2	22
UTTLANE21	Langley - Bull Lane.	2	1	2	2	2	2	3	14
UTTLANE22	Elmdon/Arkesden - Beards	3	2	2	2	4	2	2	10
	Lane.			2	2	4	3	3	19
UTTLANE23	Arkesden - Newland End.	3	4	2	2	4	3	3	21
UTTLANE24	Arkesden - Long Lane.	2	4	2	2	2	1	1	14
UTTLANE25	Langley - Butts Green to Upper Green.	3	4	2	2	3	2	2	18
	Clavering/Langley - Roast								
UTTLANE26	Green to Lower Green.	4	1	3	2	3	4	2	19
UTTLANE27	Clavering - Valance Road.	2	4	2	2	2	2	2	16
UTTLANE28	Clavering - Meesden Road.	4	4	3	3	3	3	2	22
UTTLANE29	Clavering - Cock Lane.	4	4	3	3	4	4	4	26
UTTLANE30	Clavering - Waterystones.	2	2	1	2	3	1	2	13
UTTLANE31	Quendon & Rickling - Church End to Rickling Hall.	2	4	2	3	2	2	2	17
UTTLANE32	Berden - Little London.	3	4	3	3	3	3	1	20
UTILANESZ	Manuden - Mallows Green	3	4	3	3	3	3	1	20
UTTLANE33	Road.	4	4	3	3	3	3	2	22
UTTLANE34	Manuden - Watery Lane.	4	4	3	3	3	3	2	22
UTTLANE35	Manuden - Butt Lane.	3	4	2	2	3	2	2	18
UTTLANE36	Manuden - Dogden Lane	3	4	2	2	2	2	2	10
UTTLANE30	Manuden/Ugley - Pinchpools	3	4	<u> </u>	<u> </u>	2	2	2	17
UTTLANE37	Road/Brixton Lane.	4	4	2	3	3	3	3	22

LANE ID	LOCATION	Diversity	Integrity	Potential	Aesthetic	Biodiversity	Group Value	Archaeol Association	TOTAL
	Farnham - Farnham Green			_					
UTTLANE38	Rd.	3	4	2	3	4	3	2	21
UTTLANE39	Farnham - Levels Green to Farnham.	2	2	3	2	2	2	2	15
0112/01200	Farnham - Levels Green to			<u> </u>					10
UTTLANE40	Farnham.	3	4	3	2	3	3	3	21
	Stansted Mountfitchet -								
UTTLANE41	Limekiln Lane.	2	4	2	2	2	1	2	15
	Stansted Mountfitchet -		-						
UTTLANE42	Limekiln Lane.	2	2	2	1	2	1	2	12
UTTLANE43	Stansted Mountfitchet - Gipsy Lane.	1	1	1	1	2	1	1	8
	Elsenham - Tye Green								<u> </u>
UTTLANE44	Road/Claypit Hill.	2	1	2	1	1	2	3	12
UTTLANE45	Henham - Little Henham Hall.	4	6	2	3	3	3	1	22
	Ugley - Patmore End to North								
UTTLANE46	Hall Road.	2	2	1	2	2	1	1	11
	Henham/Chickney - Chickney								
UTTLANE47	Road.	2	2	2	2	4	2	2	16
UTTLANE48	Broxted/Chickney - Sucksted Green to Sibleys.	4	4	3	2	4	3	2	22
UTTLANE49	Merged with UTTLANE48	<del>_</del>		<u> </u>	Z		<u>J</u>	L	
UTTLANE49	Saffron Walden - Redgates								
UTTLANE50	Lane.	2	2	2	2	4	3	3	18
0	Saffron Walden - Wills Ayley							<u>_</u>	
UTTLANE51	Lane.	1	2	1	1	2	1	2	10
UTTLANE52	Ashdon - Newhouse Lane.	3	2	2	2	4	2	2	17
UTTLANE53	Wimbish - Cole End Lane.	3	1	2	2	3	2	2	15
UTTLANE54	Wimbish - Smithfield Bottom.	1	2	1	1	1	1	0	7
UTTLANE55	Wimbish - Cole End Road.	1	2	1	1	1	1	0	7
UTTLANE56	Radwinter - Golden Lane.	3	4	1	2	2	1	1	14

LANE ID	LOCATION	Diversity	Integrity	Potential	Aesthetic	Biodiversity	Group Value	Archaeol Association	TOTAL
UTTLANE57	Radwinter - Radwinter End.	2	2	1	2	4	2	3	16
	Hempstead - Hempstead								
UTTLANE58	Wood.	3	4	3	2	4	3	3	22
UTTLANE59	Little Sampford - Sudbury Ley.	2	4	2	1	2	1	2	14
	Little Sampford - Old House								
UTTLANE60	Farm.	2	4	2	2	2	2	2	16
UTTLANE61	Little Sampford - Maynards.	4	6	3	1	4	3	4	25
	Great Sampford - Goddards								
UTTLANE62	Farm.	3	4	2	3	2	2	3	19
	Great Sampford/Little								
UTTLANE63	Sampford - Tindon End Road.	3	6	2	2	3	3	3	22
	Great Sampford/Little								
UTTLANE64	Sampford - Tindon End Road.	3	4	2	2	3	2	3	19
UTTLANE65	Little Sampford - Bush Road.	3	2	2	1	1	1	1	11
UTTLANE66	Wimbish - Top Road.	2	4	3	2	3	2	3	19
UTTLANE67	Wimbish - Wimbish Green.	2	4	2	2	3	3	3	19
	Wimbish/Radwinter - Maple								
UTTLANE68	Lane.	3	4	2	2	3	2	2	18
UTTLANE69	Radwinter - Great Brockholds.	2	4	1	3	2	1	1	14
UTTLANE70	Little Sampford	2	6	3	2	3	3	3	22
	Little Sampford/Thaxted - Little								
UTTLANE71	Sampford Road.	3	4	2	2	3	3	4	21
	Little Bardfield/Little Sampford								
UTTLANE72	- Hawkspur Green Road.	4	4	2	2	3	2	2	19
	Little Bardfield - Langford								
UTTLANE73	Bridge.	2	2	1	1	1	1	0	8
	Little Bardfield - Bardfield								
UTTLANE74	Road.	2	2	2	1	2	1	1	11
	Stebbing - Hill Farm to	-		-	-	_			
UTTLANE75	Lubberhedges Lane.	2	4	2	2	2	1	1	14
UTTLANE76	Stebbing - Lubberhedges Ln.	4	4	3	2	3	3	4	23

LANE ID	LOCATION	Diversity	Integrity	Potential	Aesthetic	Biodiversity	Group Value	Archaeol Association	TOTAL
UTTLANE77	Stebbing - Whitehouse Road.	4	4	3	3	4	3	2	23
UTTLANE78	Stebbing - Collops Road.	2	1	2	1	2	3	4	15
	Little Dunmow - Bramble								
UTTLANE79	Lane.	3	4	1	3	2	1	1	15
	Lindsell/Stebbing - Lindsell	_							
UTTLANE80	Lane.	2	2	1	2	2	1	2	12
UTTLANE81	Great Easton/Lindsell - Gallows Green Road.	3	4	2	2	4	2	2	19
	Great Easton/Lindsell - Roger's Piece to Lindsell								
UTTLANE82	Lane.	3	6	2	2	4	3	3	23
UTTLANE83	Great Easton - Millend to roger's Piece.	3	4	2	2	3	3	3	20
UTTLANE84	Great Easton - Breach Lane.	3	2	1	2	2	1	1	12
UTTLANE85	Felsted - Leez Lane.	3	4	3	3	3	4	4	24
UTTLANE86	Takeley - Bambers Green.	4	2	3	3	3	3	4	22
UTTLANE87	Takeley - Bambers Green.	2	2	2	2	2	2	3	15
UTTLANE88	Thaxted - Folly Mill Lane.	4	2	3	3	4	3	2	21
	Thaxted - Hammer Hill,								
UTTLANE89	Stanbrook.	2	6	1	2	2	1	0	14
UTTLANE90	Little Easton/Tilty/Thaxted - Duck St. to Folly Mill Lane.	3	2	1	2	2	4	3	17
UTTLANE91	Tilty - Grange Farm.	3	4	3	3	3	3	4	23
UTTLANE92	Broxted/Tilty - Broxted Road.	3	2	2	3	4	2	3	19
UTTLANE93	Great Easton - Water Lane.	2	2	2	2	2	2	1	13
UTTLANE94	Little Easton - Common Lane.	3	2	1	3	2	1	2	14
UTTLANE95	Broxted - Water Lane.	3	2	2	2	2	2	2	15
UTTLANE96	Broxted - Brown's End Road.	3	2	2	3	4	3	3	20
UTTLANE97	Little Easton - Laundry Lane.	4	4	2	3	3	2	1	19

LANE ID	LOCATION	Diversity	Integrity	Potential	Aesthetic	Biodiversity	Group Value	Archaeol Association	TOTAL
	Broxted - Pledgdon Green								
UTTLANE98	Road.	3	3	3	1	3	2	3	18
UTTLANE99	Merged with UTTLANE98								
	Little Canfield - Highcross								
UTTLANE100	Lane.	2	2	1	1	1	1	2	10
	Little Canfield - Highcross								
UTTLANE101	Lane.	3	4	2	2	3	3	4	21
	Great Canfield/Little Canfield -								
UTTLANE102	Bacon End.	1	2	2	2	2	1	2	12
	Great Hallingbury -								
UTTLANE103	Monkswood.	4	6	3	3	4	4	3	27
	Great Hallingbury -	_				_			
UTTLANE104	Monkswood.	2	2	1	1	2	1	1	10
	Hatfield Broad Oak - Pierce	-		-					
UTTLANE105	Willam.	3	4	2	3	3	1	2	18
	White Roding - Marks Hall								
UTTLANE106	Lane.	4	2	3	2	3	3	3	20
	Hatfield Heath - Sparrows								10
UTTLANE107	Lane.	3	4	2	2	3	2	2	18
	High Easter - Shorts Farm	2	0	0	2		2	1	10
UTTLANE108	Lane.	3	2	2	2	4	2	1	16
UTTLANE109	High Easter - Kingston.	2	2	1	2	2	1	2	12
	Aythorpe Roding - Poplar								05
UTTLANE110	Farm Road.	3	4	3	3	4	4	4	25
	Aythorpe Roding - Keeres			_					
UTTLANE111	Green to Axe & Compasses.	4	4	3	3	3	3	3	23
UTTLANE112	Aythorpe Roding - Yeomans.	3	4	2	2	4	4	2	21
UTTLANE113	High Easter - Slough Road.	4	4	2	3	3	3	3	22
UTTLANE114	High Easter - School Lane.	3	4	2	2	2	2	2	17
	High Roding - High Trees								
UTTLANE115	Farm.	2	1	1	2	2	1	1	10

LANE ID	LOCATION	Diversity	Integrity	Potential	Aesthetic	Biodiversity	Group Value	Archaeol Association	TOTAL
UTTLANE116	High Easter - Blakes.	3	4	2	2	2	2	3	18
UTTLANE117	High Easter - Pleshey Grange.	2	4	2	2	2	2	1	15
UTTLANE118	High Easter - Upper Harveys.	3	4	2	2	3	2	3	19
	High Easter/Barnston -								
UTTLANE119	Onslow Green.	3	4	3	2	4	3	4	23
UTTLANE120	High Easter - Swallows Farm.	3	1	3	2	4	3	4	20
UTTLANE121	High Easter - Maidens.	3	4	2	2	3	2	2	18
UTTLANE122	High Easter - Yewtree Farm.	3	4	2	2	3	3	2	19
UTTLANE123	High Roding - Barnston House to Pawsland.	2	4	2	2	3	2	3	18
UTTLANE124	High Roding/High Easter - Magdalen Cottage to Chimballs.	3	4	2	2	3	3	3	20
	High Easter - High Easter								
UTTLANE125	Road.	2	4	2	2	3	3	4	20
UTTLANE126	Great Dunmow - Philpot End Lane	3	4	2	2	2	2	2	17
UTTLANE127	Great Dunmow - Clapton Hall Lane	3	4	2	2	3	2	2	18
UTTLANE128	Merged with UTTLANE129								
UTTLANE129	Great Canfield - Green Street.	4	4	3	3	3	4	4	25
UTTLANE130	High Roding - Canfield Road.	2	4	1	2	2	1	1	13
UTTLANE131	Hatfield Broad Oak - Water Farm to Benningtons.	3	4	3	2	3	3	3	21
UTTLANE132	Hatfield Broad Oak - Brand's Land.	3	4	1	2	3	1	2	16
UTTLANE133	Hatfield Broad Oak - Canfield Hart to Oakbury House.	3	2	2	2	4	2	2	17
UTTLANE134	Merged with UTTLANE127								
UTTLANE135	Hatfield Broad Oak - Bush End.	4	4	2	3	3	3	4	23

LANE ID	LOCATION	Diversity	Integrity	Potential	Aesthetic	Biodiversity	Group Value	Archaeol Association	TOTAL
UTTLANE136	Hatfield Broad Oak - Bush End/Hatfield Forest.	2	4	1	2	3	2	2	16
UTTEANE 130	Hatfield Broad Oak - Collier	2	4	1	2	5	2	2	10
UTTLANE137	Street.	2	2	1	2	2	1	2	12
	Great Canfield - Canfield								
UTTLANE138	Road.	3	2	2	2	3	3	3	18
	Great Canfield - Cricket								
UTTLANE139	Ground.	2	2	2	1	3	2	1	13
	Great Canfield - Marsh Farm	_							
UTTLANE140	Road.	2	4	2	1	2	1	1	13
	Arkesden - Wicken Road								10
UTTLANE141	(Poore Street).	2	4	2	2	4	1	1	16
UTTLANE142	Birchanger - Tot Lane.	2	2	2	2	2	1	1	12
UTTLANE143	Farnham - Mill hill.	4	2	3	3	3	3	2	20
	Farnham/Stansted Mountfitchet - Bentfield End								
UTTLANE144	Road.	4	4	3	3	3	3	2	22
UTTLANE145	Great Sampford/Hempstead - Howe Lane.	4	4	2	2	4	2	3	21
UTTLANE146	Hempstead - Boyton's Lane.	4	6	2	1	3	2	3	21
	Hempstead - Wincelow Hall								
UTTLANE147	Road.	3	4	2	2	3	2	4	20
UTTLANE148	Hempstead - Witchtree Lane.	2	2	1	1	2	1	2	11
UTTLANE149	Henham - Church Street.	2	2	1	2	2	2	4	15
	Littlebury/Strethall - Strethall								
UTTLANE150	Road.	4	2	3	3	4	4	3	23
UTTLANE151	Manuden - Sheepcote Lane.	2	4	2	2	2	1	1	14
UTTLANE152	Manuden - Battles Hall.	3	1	2	2	3	2	2	15
UTTLANE153	Radwinter - Water Lane.	3	4	2	2	3	2	2	18
UTTLANE154	Radwinter - Jenkinhogs Farm.	2	4	2	1	2	1	3	15
UTTLANE155	Radwinter/Ashdon - Ashdon Rd	2	1	2	1	4	3	3	16

LANE ID	LOCATION	Diversity	Integrity	Potential	Aesthetic	Biodiversity	Group Value	Archaeol Association	TOTAL
UTTLANE156	Takeley - Warrish Hall Road.	2	4	2	2	2	1	2	15
	Quendon & Rickling/Wicken								
UTTLANE157	Bonhunt - Rickling Road.	2	4	2	2	3	2	2	17
UTTLANE158	Widdington - Cornells Lane.	3	2	2	2	4	4	3	20
	Stansted Mountfitchet -								
UTTLANE159	Pennington Lane.	3	3	1	2	3	2	2	16
UTTLANE160	Chrishall - Hollow Road.	3	4	2	2	2	2	3	18
	Chrishall - Bury Lane/Church								
UTTLANE161	Road.	3	4	2	3	2	2	4	20
UTTLANE162	High Easter - Upper Harveys.	2	2	2	2	2	2	3	15
UTTLANE163	Takeley - Bambers Green 1.	2	2	2	2	2	1	2	13
UTTLANE164	High Easter - Slough Road.	4	4	2	2	3	2	1	18
	Hatfield Broad Oak - Canfield								
UTTLANE165	Hart to Oakbury House.	4	6	3	3	3	3	3	25
UTTLANE166	Takeley - Warrish Hall Road 1.	2	6	3	3	3	3	4	24
UTTLANE167	Hempstead - Water Lane.	2	2	1	2	1	1	0	9
	Littlebury - Littlebury Green								
UTTLANE168	Road.	3	4	2	2	4	2	2	19

## 6 Application of the threshold for Protected Lane Status

After completion of the assessment and scoring of the Protected Lanes in the District (Table 1), the final step in determining whether assessed lanes should be designated as Protected Lanes was to apply a threshold score (of 14 which was established in the original project within Chelmsford Borough) to each of the historic lanes to identify lanes that were deemed worthy of Protected Lane status.

The threshold score was determined by the following method:

• Stage 1 – The lane must score a minimum of 2 for integrity.

If a lane fails to score 2 for integrity it is not taken forward to the next stage.

• Stage 2 – The combined score for integrity and diversity must be 5 or more.

If a lane fails to score 5 for its combined integrity and diversity scores it is not taken forward to the next stage.

 Stage 3 – The sub total for integrity and diversity (5 or more) from Stage 2, when combined with the scores for group value, archaeological association, archaeological potential, aesthetic value and biodiversity value must be 14 or more.

The threshold score of 14 was arrived at by adding the minimum score of 5 points from Stage 2 to a score of 9 which is equal to the combined total of the second highest scores attainable for each of the remaining criterion i.e. Group Value score of 2, Archaeological Association score of 1, Archaeological Potential score of 2, Aesthetic Value score of 2 and Biodiversity score of 2. A lane which scores the maximum score of 10 during Stage 2, from a combination of the maximum integrity and diversity scores, must score the second highest score on at least one of the remaining criterion to qualify.

Applying the threshold score to the assessed lanes resulted in a final tally of 118 existing and Protected lanes in Uttlesford District that were deemed worthy of Protected Lanes under the Policy in the future core Strategy (Table 2 and Figure 2).

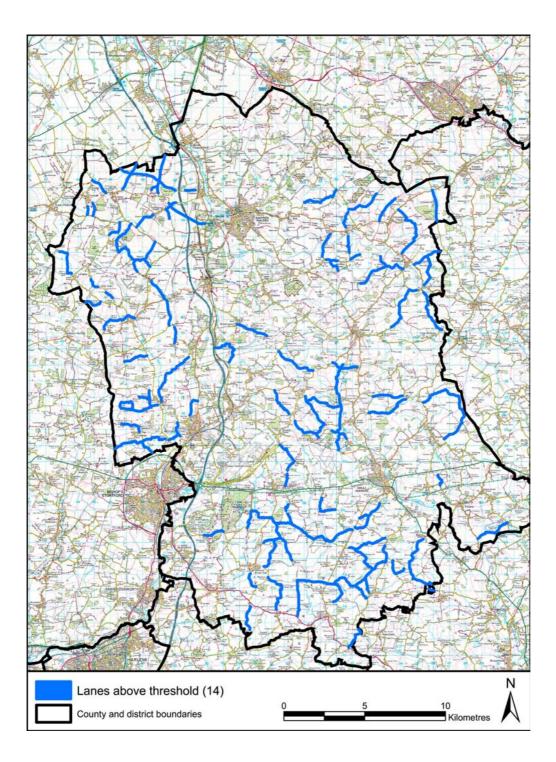


Figure 2: Lanes above the Threshold of a score of 14

LANE ID	LOCATION	Diversity	Integrity	Potential	Aesthetic	Biodiversity	Group Value	Archaeol Association	TOTAL
UTTLANE1	Elmdon - Hertford Lane.	3	4	2	2	3	1	4	19
UTTLANE2	Elmdon - Royston Lane.	3	4	2	2	3	2	3	19
UTTLANE3	Elmdon - Quickset Road.	4	4	2	3	2	2	3	20
UTTLANE4	Strethall/Elmdon - Royston Lane	3	2	2	2	2	1	2	14
UTTLANE5	Littlebury/Strethall - Strethall Road.	2	4	2	2	4	2	2	18
UTTLANE6	Strethall - Strethall Field.	1	4	2	3	4	1	2	17
UTTLANE7	Strethall - Lane leading to/from Catmere End.	3	4	2	3	2	1	2	17
UTTLANE8	Strethall - Strethall Hall Farm.	3	4	3	3	3	3	3	22
UTTLANE10	Littlebury - Chestnut Avenue.	3	4	2	2	3	3	4	21
UTTLANE13	Littlebury - Chapel End, Littlebury Green.	3	4	2	2	3	2	2	18
UTTLANE14	Elmdon/Littlebury - Littlebury Green to B1039	3	4	3	3	4	3	2	22
UTTLANE15	Elmdon - Duddenhoe End (B1039 - Coopers End).	3	2	3	3	4	3	2	20
UTTLANE18	Wenden Lofts - School Lane, Upper Pond Street.	3	4	3	3	3	3	3	22
UTTLANE19	Wenden Lofts - Cogmore, Upper Pond Street.	3	2	2	2	3	2	3	17
UTTLANE20	Langley - Park Lane, Lower Green.	4	4	3	3	4	2	2	22
UTTLANE22	Elmdon/Arkesden - Beards Lane.	3	2	2	2	4	3	3	19
UTTLANE23	Arkesden - Newland End.	3	4	2	2	4	3	3	21
UTTLANE24	Arkesden - Long Lane.	2	4	2	2	2	1	1	14

#### Table 2 Scores for Those Protected Lanes exceeding threshold

LANE ID	LOCATION	Diversity	Integrity	Potential	Aesthetic	Biodiversity	Group Value	Archaeol Association	TOTAL
	Langley - Butts Green to								
UTTLANE25	Upper Green.	3	4	2	2	3	2	2	18
UTTLANE27	Clavering - Valance Road.	2	4	2	2	2	2	2	16
UTTLANE28	Clavering - Meesden Road.	4	4	3	3	3	3	2	22
UTTLANE29	Clavering - Cock Lane.	4	4	3	3	4	4	4	26
UTTLANE31	Quendon & Rickling - Church End to Rickling Hall.	2	4	2	3	2	2	2	17
UTTLANE32	Berden - Little London.	3	4	3	3	3	3	1	20
UTTLANE33	Manuden - Mallows Green Road.	4	4	3	3	3	3	2	22
UTTLANE34	Manuden - Watery Lane.	4	4	3	3	3	3	2	22
UTTLANE35	Manuden - Butt Lane.	3	4	2	2	3	2	2	18
UTTLANE36	Manuden - Dogden Lane	3	4	2	2	2	2	2	17
UTTLANE37	Manuden/Ugley - Pinchpools Road/Brixton Lane.	4	4	2	3	3	3	3	22
UTTLANE38	Farnham - Farnham Green Road.	3	4	2	3	4	3	2	21
UTTLANE40	Farnham - Levels Green to Farnham.	3	4	3	2	3	3	3	21
UTTLANE41	Stansted Mountfitchet - Limekiln Lane.	2	4	2	2	2	1	2	15
UTTLANE45	Henham - Little Henham Hall.	4	6	2	3	3	3	1	22
UTTLANE48	Broxted/Chickney - Sucksted Green to Sibleys.	4	4	3	2	4	3	2	22
UTTLANE52	Ashdon - Newhouse Lane.	3	2	2	2	4	2	2	17
UTTLANE56	Radwinter - Golden Lane.	3	4	1	2	2	1	1	14
UTTLANE58	Hempstead - Hempstead Wood.	3	4	3	2	4	3	3	22
UTTLANE59	Little Sampford - Sudbury Ley.	2	4	2	1	2	1	2	14

LANE ID	LOCATION	Diversity	Integrity	Potential	Aesthetic	Biodiversity	Group Value	Archaeol Association	TOTAL
	Little Sampford - Old House								
UTTLANE60	Farm.	2	4	2	2	2	2	2	16
UTTLANE61	Little Sampford - Maynards.	4	6	3	1	4	3	4	25
	Great Sampford - Goddards								
UTTLANE62	Farm.	3	4	2	3	2	2	3	19
	Great Sampford/Little	0	0	0	0	2	0		22
UTTLANE63	Sampford - Tindon End Road.	3	6	2	2	3	3	3	22
UTTLANE64	Great Sampford/Little Sampford - Tindon End Road.	3	4	2	2	3	2	3	19
UTTLANE66	Wimbish - Top Road.	2	4	3	2	3	2	3	19
UTTLANE67	Wimbish - Wimbish Green.	2	4	2	2	3	3	3	19
0	Wimbish/Radwinter - Maple								
UTTLANE68	Lane.	3	4	2	2	3	2	2	18
UTTLANE69	Radwinter - Great Brockholds.	2	4	1	3	2	1	1	14
UTTLANE70	Little Sampford	2	6	3	2	3	3	3	22
UTTLANE71	Little Sampford/Thaxted - Little Sampford Road.	3	4	2	2	3	3	4	21
UTTLANET	Little Bardfield/Little Sampford	5	4	2	2	3	5	4	21
UTTLANE72	- Hawkspur Green Road.	4	4	2	2	3	2	2	19
	Stebbing - Hill Farm to	0	4	0	0	0	1	1	
UTTLANE75	Lubberhedges Lane.	2	4	2	2	2	1	1	14
UTTLANE76	Stebbing - Lubberhedges Lane.	4	4	3	2	3	3	4	23
UTTLANE77	Stebbing - Whitehouse Road.	4	4	3	3	4	3	2	23
0112/012/1	Little Dunmow - Bramble			0	0	•	Ŭ		
UTTLANE79	Lane.	3	4	1	3	2	1	1	15
	Great Easton/Lindsell -								
UTTLANE81	Gallows Green Road.	3	4	2	2	4	2	2	19
	Great Easton/Lindsell - Roger's Piece to Lindsell								
UTTLANE82	Lane.	3	6	2	2	4	3	3	23

LANE ID	LOCATION	Diversity	Integrity	Potential	Aesthetic	Biodiversity	Group Value	Archaeol Association	TOTAL
	Great Easton - Millend to								
UTTLANE83	roger's Piece.	3	4	2	2	3	3	3	20
UTTLANE85	Felsted - Leez Lane.	3	4	3	3	3	4	4	24
UTTLANE86	Takeley - Bambers Green.	4	2	3	3	3	3	4	22
UTTLANE88	Thaxted - Folly Mill Lane.	4	2	3	3	4	3	2	21
UTTLANE89	Thaxted - Hammer Hill, Stanbrook.	2	6	1	2	2	1	0	14
UTTLANE90	Little Easton/Tilty/Thaxted - Duck St. to Folly Mill Lane.	3	2	1	2	2	4	3	17
UTTLANE91	Tilty - Grange Farm.	3	4	3	3	3	3	4	23
UTTLANE92	Broxted/Tilty - Broxted Road.	3	2	2	3	4	2	3	19
UTTLANE94	Little Easton - Common Lane.	3	2	1	3	2	1	2	14
UTTLANE95	Broxted - Water Lane.	3	2	2	2	2	2	2	15
UTTLANE96	Broxted - Brown's End Road.	3	2	2	3	4	3	3	20
UTTLANE97	Little Easton - Laundry Lane.	4	4	2	3	3	2	1	19
UTTLANE98	Broxted - Pledgdon Green Road.	3	3	3	1	3	2	3	18
UTTLANE101	Little Canfield - Highcross Lane.	3	4	2	2	3	3	4	21
UTTLANE103	Great Hallingbury - Monkswood.	4	6	3	3	4	4	3	27
UTTLANE105	Hatfield Broad Oak - Pierce Willam.	3	4	2	3	3	1	2	18
UTTLANE106	White Roding - Marks Hall Lane.	4	2	3	2	3	3	3	20
UTTLANE107	Hatfield Heath - Sparrows Lane.	3	4	2	2	3	2	2	18
UTTLANE108	High Easter - Shorts Farm Lane.	3	2	2	2	4	2	1	16
UTTLANE110	Aythorpe Roding - Poplar Farm Road.	3	4	3	3	4	4	4	25

LANE ID	LOCATION	Diversity	Integrity	Potential	Aesthetic	Biodiversity	Group Value	Archaeol Association	TOTAL
	Aythorpe Roding - Keeres								
UTTLANE111	Green to Axe & Compasses.	4	4	3	3	3	3	3	23
UTTLANE112	Aythorpe Roding - Yeomans.	3	4	2	2	4	4	2	21
UTTLANE113	High Easter - Slough Road.	4	4	2	3	3	3	3	22
UTTLANE114	High Easter - School Lane.	3	4	2	2	2	2	2	17
UTTLANE116	High Easter - Blakes.	3	4	2	2	2	2	3	18
UTTLANE117	High Easter - Pleshey Grange.	2	4	2	2	2	2	1	15
UTTLANE118	High Easter - Upper Harveys.	3	4	2	2	3	2	3	19
	High Easter/Barnston -								
UTTLANE119	Onslow Green.	3	4	3	2	4	3	4	23
UTTLANE121	High Easter - Maidens.	3	4	2	2	3	2	2	18
UTTLANE122	High Easter - Yewtree Farm.	3	4	2	2	3	3	2	19
	High Roding - Barnston House								
UTTLANE123	to Pawsland.	2	4	2	2	3	2	3	18
	High Roding/High Easter - Magdalen Cottage to								
UTTLANE124	Chimballs.	3	4	2	2	3	3	3	20
UTILANE 124	High Easter - High Easter	5		۷.	2		5	5	20
UTTLANE125	Road.	2	4	2	2	3	3	4	20
	Great Dunmow - Philpot End								
UTTLANE126	Lane	3	4	2	2	2	2	2	17
	Great Dunmow - Clapton Hall								
UTTLANE127	Lane	3	4	2	2	3	2	2	18
UTTLANE129	Great Canfield - Green Street.	4	4	3	3	3	4	4	25
	Hatfield Broad Oak - Water								
UTTLANE131	Farm to Benningtons.	3	4	3	2	3	3	3	21
	Hatfield Broad Oak - Brand's	~			_				
UTTLANE132	Land.	3	4	1	2	3	1	2	16
UTTLANE133	Hatfield Broad Oak - Canfield Hart to Oakbury House.	3	2	2	2	4	2	2	17

LANE ID	LOCATION	Diversity	Integrity	Potential	Aesthetic	Biodiversity	Group Value	Archaeol Association	TOTAL
	Hatfield Broad Oak - Bush								
UTTLANE135	End.	4	4	2	3	3	3	4	23
	Hatfield Broad Oak - Bush								
UTTLANE136	End/Hatfield Forest.	2	4	1	2	3	2	2	16
	Great Canfield - Canfield								
UTTLANE138	Road.	3	2	2	2	3	3	3	18
	Arkesden - Wicken Road	-		_	_				
UTTLANE141	(Poore Street).	2	4	2	2	4	1	1	16
UTTLANE143	Farnham - Mill hill.	4	2	3	3	3	3	2	20
	Farnham/Stansted Mountfitchet - Bentfield End								
UTTLANE144	Road.	4	4	3	3	3	3	2	22
	Great Sampford/Hempstead -								
UTTLANE145	Howe Lane.	4	4	2	2	4	2	3	21
UTTLANE146	Hempstead - Boyton's Lane.	4	6	2	1	3	2	3	21
	Hempstead - Wincelow Hall								
UTTLANE147	Road.	3	4	2	2	3	2	4	20
	Littlebury/Strethall - Strethall								
UTTLANE150	Road.	4	2	3	3	4	4	3	23
UTTLANE151	Manuden - Sheepcote Lane.	2	4	2	2	2	1	1	14
UTTLANE153	Radwinter - Water Lane.	3	4	2	2	3	2	2	18
UTTLANE154	Radwinter - Jenkinhogs Farm.	2	4	2	1	2	1	3	15
UTTLANE156	Takeley - Warrish Hall Road.	2	4	2	2	2	1	2	15
	Quendon & Rickling/Wicken								
UTTLANE157	Bonhunt - Rickling Road.	2	4	2	2	3	2	2	17
UTTLANE158	Widdington - Cornells Lane.	3	2	2	2	4	4	3	20
-	Stansted Mountfitchet -								
UTTLANE159	Pennington Lane.	3	3	1	2	3	2	2	16
UTTLANE160	Chrishall - Hollow Road.	3	4	2	2	2	2	3	18
	Chrishall - Bury Lane/Church								
UTTLANE161	Road.	3	4	2	3	2	2	4	20

LANE ID	LOCATION	Diversity	Integrity	Potential	Aesthetic	Biodiversity	Group Value	Archaeol Association	TOTAL
UTTLANE164	High Easter - Slough Road.	4	4	2	2	3	2	1	18
	Hatfield Broad Oak - Canfield								
UTTLANE165	Hart to Oakbury House.	4	6	3	3	3	3	3	25
UTTLANE166	Takeley - Warrish Hall Road 1.	2	6	3	3	3	3	4	24
	Littlebury - Littlebury Green								
UTTLANE168	Road.	3	4	2	2	4	2	2	19

## 7 Conclusions

The project has applied robust and defensible criteria consistently and methodically to existing Protected Lanes in Uttlesford District in order to determine lanes that are worthy of Protected Lanes status under the new Uttlesford District Council's core strategy.

The failure of a number of existing Protected Lanes to meet the newly set threshold for Protected Lane status was, in most part, due to road improvements following deterioration in their physical condition during the period since their original designation, which affected their score for Integrity. This suggests that, with the ever increasing rise in the number, size and diversity of motorised vehicles using minor rural roads (CPRE, 1996), Protected Lane status may not in itself be enough to secure the long term future of these important historic landscape features. Consideration should therefore be given to exploring options and partnerships for influencing user behaviour and applying intelligent and positive measures of highway management that will serve to encourage local journeys to be made on bicycle or foot, and for recreation, and reduce the impact of vehicles on the historic fabric of lanes, whilst maintaining their local character (e.g. CPRE, 2003).

## 8 References

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This report is issued by Essex County Council Historic Environment Branch You can contact us in the following ways:

By Post: Essex County Council Historic Environment Branch County Hall Chelmsford, Essex CM1 1QH

By telephone: 0845 7430 430

By email: heritage.conservation@essex.gov.uk

Visit our website: www.essex.gov.uk

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