

Southampton to London Pipeline Project

Volume 6

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Appendix 7.2: Hedgerow Factual Report
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Southampton to London Pipeline Project

Esso Petroleum Company, Limited

Appendix 7.2: Hedgerow Factual Report

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May 2019



Southampton to London Pipeline Project

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1 Introduction

1.1 Overview

- 1.1.1 Esso Petroleum Company, Limited (Esso) is making an application for development consent to replace 90km (56 miles) of its existing 105km (65 miles) aviation fuel pipeline that runs from the Fawley Refinery near Southampton, to the Esso West London Terminal storage facility in Hounslow. The replacement pipeline is 97km (60 miles) long, and within this report is referred to as 'the project'.
- 1.1.2 This Hedgerow Factual Report has been produced to support the application for development consent and the accompanying Environmental Statement (ES) under the Planning Act 2008.

1.2 Legislation and Guidance

- 1.2.1 The Hedgerow Survey Handbook (Defra, 2007) defines a hedgerow as any boundary line of trees or shrubs over 20m long and less than 5m wide at the base, provided that at one time the trees and shrubs were more or less continuous. This includes shrubby hedgerows, lines of trees and very gappy hedgerows, where each section may be less than 20m long, but the gaps are less than 20m.
- 1.2.2 Hedgerows are an important semi-natural habitat critical for plants and animals and can date back hundreds of years. They are particularly important features in the landscape for species which historically relied on woodland edges, scrub or rough grassland habitats. Many European protected species such as hazel dormouse (*Muscardinus avellanarius*) and bats are closely linked to hedgerows and require a well-connected network of hedgerows to support their populations on a landscape scale.
- 1.2.3 The Hedgerows Regulations 1997 were introduced into the UK planning system as a way of protecting these important habitats and features. Under the Hedgerows Regulations 1997 a hedgerow is 'important' if it, or the hedgerow of which it is a stretch:
- has existed for 30 years or more; and
 - satisfies at least one of the criteria listed in Part II of Schedule 1 of the Hedgerows Regulations 1997.
- 1.2.4 The criteria listed in Part II of Schedule 1 are split into:
- archaeology and history – assessed in Chapter 9 Historic Environment; and
 - wildlife and landscape – assessed in this appendix.
- 1.2.5 Wildlife and landscape criteria are specified by paragraphs 6, 7 and 8 of Part II of Schedule 1 of the Hedgerows Regulations 1997. Hedgerows are considered important under the Hedgerows Regulations 1997 if they meet one of the following criteria:



- contain species protected in Schedules 1, 5 or 8 of the Wildlife and Countryside Act 1981 (as amended);
- contain on average, within 30m sample sections:
 - at least seven woody species from Schedule 3 of the Hedgerows Regulations 1997; or
 - at least six woody species from Schedule 3, and three ecological features listed in Schedule 1, Part II, paragraph 7(4); or
 - at least six woody species, including rare species named in Schedule 1, Part II, paragraph 7 and named in paragraph 2.3.4 herein;
- include at least five woody species and four features listed below as appears in Schedule 1, Part II, paragraph 7(4):
 - *a bank or wall which supports the hedgerow along at least half of its length;*
 - *gaps which in aggregate do not exceed 10% of the total length of the hedgerow;*
 - *where the length of the hedgerow does not exceed 50 metres, at least one standard tree;*
 - *where the length of the hedgerow exceeds 50 metres but does not exceed 100 metres, at least 2 standard trees;*
 - *where the length of the hedgerow exceeds 100 metres, such number of standard trees (within any part of its length) as would when averaged over its total length amount to at least one for each 50 metres;*
 - *at least 3 woodland species within one metre, in any direction, of the outermost edges of the hedgerow;*
 - *a ditch along at least half of the length of the hedgerow;*
 - *connections scoring 4 points or more in accordance with sub-paragraph (5); and*
 - *a parallel hedge within 15 metres of the hedgerow.*
- are bisected by or adjacent to a Public Right of Way (PRoW) and include at least four woody species in an average 30m length and at least two features listed in Schedule 1, Part II, paragraph 7(4) and 8.

1.2.6 In addition, a hedgerow that consists of at least 80% native species is also considered a Priority Habitat as listed in Section 41 of the Natural Environment and Rural Communities (NERC) Act 2006 (Biodiversity Reporting and Information Group, 2007). This is assessed separately from the Hedgerows Regulations 1997, however through undertaking a hedgerow survey, hedgerows as Priority Habitat are easily identified.



2 Methodology

2.1 Introduction

- 2.1.1 The survey methodology is informed by good practice guidelines detailed in the *Hedgerow Survey Handbook* (Defra, 2007), the results of desk studies and professional judgement. It is designed to assess the importance based on wildlife and landscape value (as per the Hedgerows Regulations 1997) of hedgerows that occur within the Order Limits.
- 2.1.2 The Order Limits cross numerous hedgerows. This Hedgerow Factual Report identifies hedgerows that could be directly affected by installation of the pipeline. Hedgerows within the Order Limits that would be crossed by trenchless crossings were scoped out from further surveys, as there would be no impact from the project. Open cut installation techniques could involve the removal of hedgerow vegetation.

2.2 Desk Study

- 2.2.1 Aerial photography taken from a light aircraft was used to identify potential hedgerows which crossed the Order Limits.
- 2.2.2 Data searches and field records of protected species listed in Schedule 1, 5 or 8 of the Wildlife and Countryside Act 1981 (as amended) were gathered from relevant biological record centres and field surveys (see Appendix 7.1 Habitats and Botany Factual Report, Appendix 7.3 Ancient Woodland Factual Report, Appendix 7.7 Bat Factual Report, Appendix 7.8 Bird Factual Report, Appendix 7.9 Dormouse Factual Report, Appendix 7.10– Great Crested Newt Factual Report, Appendix 7.11 Reptile Factual Report and Appendix 7.12 Riparian Mammal Factual Report).
- 2.2.3 Where field surveys on hedgerows crossed by the Order Limits were not possible, a desk-based approach using aerial photographs, proximity of statutory and non-statutory designated sites (which might indicate species richness) and Ordnance Survey maps showing PRoWs were used to assess if a hedgerow was likely to be important as per the Hedgerows Regulations 1997.

2.3 Field Survey

- 2.3.1 Where land access permitted, hedgerows identified in the desk study were surveyed during October and November 2018. The survey methodology was based on the *Hedgerow Survey Handbook* (Defra, 2007). The survey identified the presence of the features/criteria listed in Schedule 1 Part II of the Hedgerows Regulations 1997. Three hedgerows had already been surveyed as part of detailed botanical surveys in summer 2018 (Appendix 7.1 Habitats and Botany Factual Report).
- 2.3.2 During hedgerow field surveys, surveyors completed a DAFOR scale (this is used to assign an abundance value: Dominant, Abundant, Frequent, Occasional or Rare) of all woody species (as listed in Schedule 3 of the Hedgerows Regulations 1997) and plants occurring in the herb layer (as listed in Schedule 2 of the Hedgerows Regulations 1997).



- 2.3.3 Between one and three 30m sample sections were surveyed per hedgerow, depending on the hedgerow's total length. In each 30m section, the presence and abundance of all woody species was recorded in relation to the DAFOR scale. This provided a total number of species and when multiple sections were surveyed, these were averaged to determine species-richness of the hedgerow.
- 2.3.4 Surveyors also noted any tree species considered rare in Great Britain as listed in Schedule 1 Part II paragraph 7 of the Hedgerows Regulations 1997. These are black poplar (*Populus nigra* subsp. *betulifolia*), large-leaved lime (*Tilia platyphyllos*), small-leaved lime (*Tilia cordata*) and wild service-tree (*Sorbus torminalis*).
- 2.3.5 Survey results were recorded on an electronic tablet using a geographical information system (GIS) application.

2.4 Likely Importance Assessment

- 2.4.1 The results of desk study and field survey were used to establish importance of each hedgerow using the criteria listed in the Hedgerows Regulations 1997. Where field surveys were not possible (e.g. due to land access not being available at that time) hedgerows were assigned 'likely importance' if they had ecological features which could be verified through a desk study as outlined in paragraph 2.2.3.

2.5 Limitations

- 2.5.1 Hedgerow surveys are ideally undertaken between April and October, with June and July being the optimum months (Defra, 2007). Field surveys were undertaken in autumn and early winter 2018 when many of the plants, particularly in the herb layer, may have died back and were no longer in leaf/flower. This may have led to species listed in the Regulations being overlooked. However, most common woody species can be readily identified in winter. In addition, the hedgerow species lists were supplemented by botanical surveys, where these were available (Appendix 7.1 Habitats and Botany Factual Report).
- 2.5.2 Hedgerows were typically surveyed from a single side due to the large number requiring surveys. However, this is not considered a constraint and the Defra survey guidance recognises this as an acceptable survey approach (Defra, 2007).
- 2.5.3 Access restrictions and changes in the proposed pipeline's route after surveys had been completed led to approximately 33% of hedgerows crossed by the Order Limits not being surveyed during 2018. However, it is a project commitment (as set out in the Register of Environmental Actions and Commitments (REAC, in Chapter 16 Environmental Management and Mitigation) and secured through Development Consent Requirements such as the Code of Construction Practice (CoCP)) that pre-construction surveys would be completed if existing baseline survey data need to be updated or supplemented (G33). Desk-based studies used online information to assign likely importance to these unsurveyed hedgerows. This provided an estimate of the number of important hedgerows that are likely to be identified during pre-construction surveys.
- 2.5.4 Of the 159 hedgerows surveyed, 33 (approximately 22% of the total) were subject to constraints (e.g. unavailability of full land access along the required survey area,

or surveys otherwise not being in full accordance with the guidelines (Defra, 2007)). Despite this, some of these hedgerows were still classified as important.

3 Results

3.1 Desk Study

- 3.1.1 Based on aerial photography and mapping data, the Order Limits cross 255 potential hedgerows (i.e. boundary crossings that appear to support vegetation). Of these, 12 were identified as not being impacted by the project due to proposed trenchless installation techniques. The remaining 243 potential hedgerows were identified for field surveys.
- 3.1.2 Several hedgerows were identified as being important during the desk study based on the presence of protected species (see Annex A and Figure A7.2.1). Details of biological records and/or field survey results for dormice (*Muscardinus avellanarius*), great crested newts (*Triturus cristatus*) and bats can be found in Appendix 7.7 Bat Factual Report, Appendix 7.9 Dormouse Factual Report and Appendix 7.10 Great Crested Newt Factual Report.
- 3.1.3 Several hedgerows were not surveyed for reasons set out in Section 2.5, although some of these were deemed likely to be important based on the desk study or results of other surveys, mainly due to the presence of protected species.

3.2 Field Surveys

- 3.2.1 Field surveys took place between 29 October and 19 November 2018. Results are shown in Figure A7.2.1 (for full field survey results see Annex A and B).
- 3.2.2 These surveys comprised a combination of hedgerow surveys, botany surveys or protected species surveys (with the presence of a protected species confirming the hedgerow's importance).
- 3.2.3 At some survey locations, hedgerows were found to be absent or not subject to the Regulations. For example, HCX 090 is not classed as a hedgerow as field visits found only evidence of a ditch with a barbed wire fence.
- 3.2.4 Twenty-six different Schedule 3 woody species were recorded during the field surveys. Blackthorn (*Prunus spinosa*), field maple (*Acer campestre*), hawthorn (*Crataegus monogyna*), hazel (*Corylus avellana*) and rose species (*Rosa* spp.) were the five most commonly recorded species, occurring in over 50% of the hedgerows surveyed.
- 3.2.5 Of the 27 Schedule 2 ground flora plant species recorded, the majority were recorded earlier in the year by botany surveys. As a result, the hedgerow surveys which took place later in the year provided results biased towards plant species that survive late into winter. As such, the three most commonly recorded Schedule 2 species were dog's mercury (*Mercurialis perennis*), wood avens (*Geum urbanum*) and herb-Robert (*Geranium robertianum*).



3.2.6 Protected plant species listed in Schedule 1 of the Wildlife and Countryside Act 1981 (as amended) were identified during the field survey (see Figure A7.2.1).

3.3 Importance Assessment

Hedgerows Regulations 1997

3.3.1 The number of hedgerows identified as ‘important’ or otherwise according to wildlife and landscape criteria are summarised in Table 3.1.

3.3.2 Of the hedgerows not surveyed during 2018, 21 of these are considered likely to be important based on desk study information and professional judgement.

Table 3.1: Summary of the Evaluation of Hedgerows Surveyed Based on Criteria Set Out in the Hedgerows Regulations 1997

Evaluation of Hedgerows	Number
Important	146
Likely important (not subject to field survey)	21

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Annex A – Summary of Desk Study and Field Survey Results

Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
HCX 001	No	-	-	-	Yes	-	-	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity
HCX 002	Yes*	4.0	No	Yes	Yes	2	No	Yes
HCX 003	Yes	4.5	No	Yes	Yes	1	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 004	Yes	3.7	No	Yes	Yes	2	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 006	Yes*	6.5	Yes	No	Yes	4	Yes	Yes
HCX 007	No	-	-	-	-	-	-	Likely Not Important
HCX 008 & 008a	No	-	-	-	-	-	-	Likely Not Important
HCX 009	Yes	4.5	No	Yes	Yes	4	No	Yes
HCX 010	Yes*	1.5	No	No	Yes	3	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 011	Yes¹	9.5	Yes	Yes	Yes	3	Yes	Yes



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹ Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
HCX 012	Yes*	5.0	Yes	No	Yes	3	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 013	Yes*	4.0	No	No	Yes	3	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 014	Yes ¹	5.0	No	Yes	Yes	4	Yes	Yes
HCX 015	Yes	4.0	No	Yes	Yes	3	No	Yes
HCX 016	Yes - Not a Hedgerow	-	-	-	Yes	-	-	No
HCX 017	Yes	-	-	-	Yes	-	-	Yes – dormice presence confirmed
HCX 018	No	-	-	-	Yes	-	-	Yes – has connectivity to hedges with dormouse presence although the hedge appears gappy and incomplete.
HCX 019	Yes	1.5	No	No	Yes	3	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 020	Yes	6.0	Yes	No	Yes	3	Yes	Yes



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹ Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
HCX 021	No	-	-	-	Yes	-	-	Yes – hedge is well-connected and dormice presence confirmed in the local landscape
HCX 022	Yes	5.7	Yes	Yes	Yes	3	Yes	Yes
HCX 023	Yes	1.0	No	No	Yes	2	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 024	Yes*	5.0	Yes	Yes	Yes	3	Yes	Yes
HCX 025	Yes	3.0	No	No	Yes	1	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 026	Yes*	3.0	No	Yes	Yes	3	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 027	Yes*	6.0	Yes	Yes	Yes	5	Yes	Yes
HCX 028	Yes*	5.0	Yes	No	Yes	2	No	Yes
HCX 029	Yes*	4.5	No	No	Yes	4	No	Yes
HCX 030	Yes	-	-	-	Yes	-	-	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
HCX 031	Yes*	2.0	No	No	Yes	3	No	Yes
HCX 032	No	-	-	-	Yes	-	-	Likely Not Important
HCX 033	Yes	5.5	Yes	No	Yes	2	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 034	Yes	6.0	Yes	No	Yes	2	Yes	Yes
HCX 035	Yes	5.5	Yes	No	Yes	3	Yes	Yes
HCX 036	Yes	3.0	No	Yes	Yes	1	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 037	Yes	8.3	Yes	No	Yes	2	Yes	Yes
HCX 038	Yes	-	-	-	Yes	-	-	Yes
HCX 039	No	-	-	-	Yes	-	-	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 040	Yes	-	-	-	Yes	-	-	Yes
HCX 041	Yes	-	-	-	Yes	-	-	Yes
HCX 042	No	-	-	-	Yes	-	-	Yes – dormouse presence confirmed in the local landscape



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
								to which the hedge has connectivity.
HCX 043	No	-	-	-	Yes	-	-	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 044	Yes	5.0	Yes	No	Yes	2	No	Yes
HCX 045	Yes	3.3	No	No	Yes	3	No	Yes
HCX 046	No	-	-	-	Yes	-	-	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 047	No	-	-	-	Yes	-	-	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 048	Yes	-	-	-	Yes	-	-	Yes
HCX 049	No	-	-	-	-	-	-	Likely Not Important
HCX 050	Yes*	5.0	Yes	Yes	Yes	2	Yes	Yes
HCX 051	Yes*	4.0	No	Yes	Yes	3	No	Yes
HCX 052	Yes*	4.5	No	Yes	Yes	3	No	Yes
HCX 053	Yes	5.7	Yes	Yes	Yes	4	Yes	Yes



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹ Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
HCX 054	Yes*	1.5	No	Yes	Yes	2	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 055	Yes	1.0	No	Yes	Yes	3	No	No
HCX 056	Yes	4.7	No	Yes	Yes	3	No	Yes
HCX 057	No	-	-	-	Yes	-	-	Yes – connected to Blackhouse Row SINC and dormouse presence confirmed in the local landscape
HCX 058	Yes	3.3	No	Yes	Yes	4	No	Yes
HCX 059	Yes	-	-	-	Yes	-	-	Yes
HCX 060	Yes	4.0	No	No	Yes	3	No	Yes
HCX 061	Yes	5.0	Yes	No	Yes	1	No	Yes
HCX 062	Yes	3.7	No	Yes	Yes	2	No	Yes
HCX 063	Yes*	5.0	Yes	Yes	Yes	3	Yes	Yes
HCX 064	No	-	-	-	Yes	-	-	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 065	No	-	-	-	Yes	-	-	Yes – dormouse presence confirmed in the local landscape



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹ Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
								to which the hedge has connectivity.
HCX 066	Yes	4.0	No	Yes	Yes	4	No	Yes
HCX 067	Yes - Not a Hedgerow	-	-	-	Yes	-	-	No
HCX 068	Yes ¹	5.5	Yes	Yes	Yes	5	Yes	Yes
HCX 069	Yes ¹	9.0	Yes	No	Yes	4	Yes	Yes
HCX 070	No	-	-	-	Yes	-	-	Yes – connected to Brockwood Copse and Roadside Strips SINC and dormouse present in local landscape
HCX 071	No	-	-	-	Yes	-	-	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 072	No	-	-	-	Yes	-	-	No – this is a woodland belt and not a hedgerow
HCX 073 & HCX 074	No	-	-	-	Yes	-	-	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 075	No - Trenchless	-	-	-	Yes	-	-	Yes – but not likely to be affected by construction



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹ Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
HCX 076	No - Trenchless	-	-	-	Yes	-	-	Yes – but not likely to be affected by construction
HCX 077	Yes*	4.0	No	Yes	Yes	3	No	Yes
HCX 078	No	-	-	-	Yes	-	-	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 079	No	-	-	-	Yes	-	-	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 080	Yes	2.0	No	Yes	Yes	1	No	Yes
HCX 081	Yes	5.5	Yes	Yes	Yes	2	Yes	Yes
HCX 082	Yes*	5.5	Yes	Yes	Yes	3	Yes	Yes
HCX 083	Yes	3.0	No	Yes	Yes	3	No	Yes
HCX 084	Yes	3.5	No	Yes	Yes	3	No	Yes
HCX 085	No	-	-	-	Yes	-	-	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 086	No	-	-	-	Yes	-	-	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
HCX 087	No	-	-	-	Yes	-	-	Yes
HCX 088	Yes	5.7	Yes	Yes	Yes	5	Yes	Yes
HCX 089	Yes	6.7	Yes	Yes	Yes	2	Yes	Yes
HCX 090	Yes - Not a Hedgerow	-	-	-	-	-	-	No
HCX 091	Yes	1.5	No	Yes	Yes	3	No	No
HCX 092	Yes	2.0	No	Yes	Yes	2	No	Yes
HCX 093	Yes	4.0	No	Yes	Yes	2	No	Yes
HCX 094	Yes	5.0	Yes	Yes	Yes	3	Yes	Yes
HCX 095	Yes	-	-	-	Yes	-	-	Yes
HCX 096	Yes	-	-	-	Yes	-	-	Yes
HCX 097	Yes	7.0	Yes	Yes	Yes	4	Yes	Yes
HCX 098	Yes	3.3	No	Yes	Yes	3	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 099	Yes	4.0	No	Yes	Yes	3	No	Yes
HCX 100	Yes - Not a Hedgerow	-	-	-	-	-	-	No
HCX 101	Yes	5.0	Yes	No	Yes	1	No	Yes
HCX 102	Yes	7.0	Yes	Yes	Yes	3	Yes	Yes



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹ Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
HCX 103	Yes - Not a Hedgerow	-	-	-	Yes	-	-	No – is not a countryside hedge
HCX 104	Yes	5.0	Yes	Yes	Yes	3	Yes	Yes
HCX 105	Yes	5.0	Yes	Yes	Yes	2	Yes	Yes
HCX 106	Yes	4.7	No	No	Yes	0	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 107	Yes	3.7	No	No	Yes	4	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 108	Yes	5.5	Yes	Yes	Yes	3	Yes	Yes
HCX 109	Yes	4.3	No	No	Yes	2	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 110	Yes	6.7	Yes	No	Yes	4	Yes	Yes
HCX 111	Yes	-	-	-	Yes	-	-	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 112	Yes	3.0	No	No	Yes	1	No	Yes – dormouse presence confirmed in the local landscape



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹ Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
								to which the hedge has connectivity.
HCX 113	Yes	4.7	No	No	Yes	3	No	No – forms a boundary between a golf course and a road and so not captured by the Regulations.
HCX 114	Yes	4.3	No	No	Yes	4	No	No – forms a boundary between a golf course and a road and so not captured by the Regulations.
HCX 115	Yes	6.3	Yes	No	Yes	4	Yes	Yes
HCX 116	Yes	5.3	Yes	Yes	Yes	4	Yes	Yes
HCX 117	No	-	-	-	Yes	-	-	Yes – adjacent to important hedgerows under wildlife/landscape criteria and dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 118	Yes	2.7	No	Yes	Yes	4	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 119	Yes	2.0	No	No	Yes	4	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 120	Yes	4.7	No	Yes	Yes	4	No	Yes



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹ Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
HCX 121	Yes	4.7	No	Yes	Yes	5	No	Yes
HCX 122	No	-	-	-	Yes	-		Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 123	Yes	6.0	Yes	No	Yes	3	Yes	Yes
HCX 124	Yes	4.0	No	No	Yes	3	No	Yes
HCX 125	Yes	3.7	No	No	Yes	1	No	Yes
HCX 126	Yes	5.3	Yes	Yes	Yes	3	Yes	Yes
HCX 127	No - Trenchless	-	-	-	Yes	-	-	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 128	No - Trenchless	-	-	-	Yes	-	-	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 129	No	-	-	-	Yes	-	-	Yes – connected to Noar Copse SINC with PRow and dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 130	Yes	5.0	Yes	Yes	Yes	5	Yes	Yes
HCX 131	Yes	5.7	Yes	No	Yes	5	Yes	Yes



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
HCX 132	Yes	4.3	No	Yes	Yes	4	No	Yes
HCX 133	Yes	4.5	No	Yes	Yes	3	No	Yes
HCX 134	Yes	2.0	No	Yes	Yes	2	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 135	Yes	0.0	No	No	Yes	0	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 136	Yes	1.7	No	Yes	No	1	No	No
HCX 137	Yes	3.7	No	Yes	No	3	No	No
HCX 138	Yes*	4.0	No	Yes	Yes	1	No	Yes
HCX 139	No	-	-	-	No (dormouse absent)	-	-	Likely Not Important
HCX 140	Yes - Not a Hedgerow	-	-	-	-	-	No	No
HCX 141	Yes	-	-	-	Yes	-	-	Yes – Forms part of Water Lane SINC designated for ancient woodland. Protected species present.



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
HCX 142	Yes	-	-	-	Yes	-	-	Yes – Forms part of Water Lane SINC designated for ancient woodland. Badger present.
HCX 143	Yes	-	-	-	Yes	-	-	Yes
HCX 144	Yes	-	-	-	Yes	-	-	Yes – badger
HCX 144a	No	-	-	Yes	Yes	-	-	Likely Important as has connectivity to other Important hedges although it is gappy and incomplete.
HCX 145	No - Trenchless	-	-	-	-	-	-	Unknown but would not likely be affected by construction
HCX 146	No - Trenchless	-	-	-	-	-	-	Unknown but would not likely be affected by construction
HCX 147	Yes*	6.0	Yes	Yes	No	3	Yes	Yes
HCX 148	Yes - Not a Hedgerow	-	-	-	-	-	-	No
HCX 149	Yes	3.0	No	Yes	No	3	No	No
HCX 150	Yes	4.7	No	Yes	No	3	No	Yes
HCX 151	Yes	3.3	No	Yes	No	2	No	No
HCX 152	Yes	2.7	No	No	No	3	No	No
HCX 153	Yes	4.0	No	No	No	3	No	No
HCX 154	Yes	2.0	No	No	No	2	No	No



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹ Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
HCX 155	No	-	-	-	-	-		Likely Not Important
HCX 156	Yes - Not a Hedgerow	-	-	-	-	-	-	No
HCX 157	Yes	1.0	No	Yes	No	1	No	No
HCX 158	Yes	3.0	No	Yes	No	2	No	No
HCX 159	Yes	2.3	No	Yes	No	2	No	No
HCX 160	No - Trenchless	-	-	-	-	-	-	Unknown but would not likely be affected by construction
HCX 161	No - Trenchless						-	No – not a countryside hedge
HCX 162	No - Trenchless	-	-	-	-	-	-	Unknown but would not likely be affected by construction
HCX 163	Yes	4.0	No	No	Yes	2	No	Yes
HCX 164	Yes	-	-	-	Yes	-	-	Yes – badger
HCX 165	No	-	-	-	Dormouse absent	-	-	Likely Not Important
HCX 166	Yes*	-	-	-	Yes	-	-	Yes
HCX 167	Yes	3.0	No	No	No	3	No	No
HCX 168	Yes	2.3	No	No	No	4	No	No
HCX 169	Yes	4.0	No	Yes	No	3	No	Yes
HCX 170	Yes - Not a Hedgerow	-	-	-	-	-	-	No
HCX 171	Yes	2.3	No	Yes	Yes	2	No	Yes



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹ Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
HCX 172	Yes - Not a Hedgerow	-	-	-	-	-	-	No
HCX 173	Yes*	1.0	No	Yes	No	3	No	No
HCX 174	Yes	3.0	No	No	No	3	No	No
HCX 175	No	-	-	-	Dormouse absent	-	-	Likely Not Important
HCX 176 & HCX 177	No	-	-	-	Dormouse absent	-	-	Likely Not Important
HCX 178	Yes	-	-	-	Yes	-	-	Yes – badger
HCX 179	Yes	2.7	No	No	No	2	No	No
HCX 180	Yes	4.0	No	No	No	5	No	No
HCX 181	Yes*	4.0	No	No	No	2	No	No
HCX 182	Yes*	2.0	No	No	No	3	No	No
HCX 183	Yes	3.0	No	No	No	2	No	No
HCX 184	Yes	3.0	No	No	No	2	No	No
HCX 185	Yes	2.7	No	Yes	No	0	No	No
HCX 186	No	-	-	-	Dormouse absent	-	-	Likely Not Important
HCX 187	Yes - Not a Hedgerow	-	-	-	-	-	-	No
HCX 188	No	-	-	-	Dormouse absent	-	-	Likely Not Important



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹ Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
HCX 189	No	-	-	-	Dormouse absent	-	-	Likely Not Important
HCX 190	Yes - Not a Hedgerow	-	-	-	-	-	-	No
HCX 191	No	-	-	-	Dormouse absent	-	-	Likely Important – linked to Dick's Wood SINC
HCX 191	Yes	6.3	Yes	No	No	3	Yes	Yes
HCX 192	Yes	4.7	No	No	No	3	No	No
HCX 193	Yes	5.7	Yes	Yes	No	3	Yes	Yes
HCX 194	Yes*	4.5	No	No	No	2	No	No
HCX 195	No	-	-	-	Dormouse absent	-	-	Likely Not Important
HCX 196	No	-	-	-	Dormouse absent	-	-	Likely Not Important
HCX 197	Yes*	2.0	No	No	No	2	No	No
HCX 198	No	-	-	-	Dormouse absent	-	-	Likely Important – well connected to wider landscape
HCX 199	No	-	-	-	Dormouse absent	-	-	Likely Important – well connected to wider landscape
HCX 200	No	-	-	-	Dormouse absent	-	-	Likely Important – historic link to Withy Copse SINC
HCX 201	No	-	-	-	Dormouse absent	-	-	Likely Important – historic link to Withy Copse SINC



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
HCX 202	No	-	-	-	Dormouse absent	-	-	Likely Important - linked to Bushylease Wood, Ewshot SINC
HCX 203	No	-	-	-	Dormouse absent	-	-	Likely Important- linked to Ewshot Wood SINC
HCX 204	Yes - Not a Hedgerow	-	-	-	-	-	-	No – not a countryside hedgerow, this is a woodland belt
HCX 205	No - Trenchless	-	-	-	Yes	-	-	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 206	No - Trenchless	-	-	-	Yes	-	-	No – is the boundary between a private dwelling and a road and so is not captured by the Regulations.
HCX 207	No - Trenchless	-	-	-	Yes	-	-	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 208	Yes	7.0	Yes	No	Yes	1	Yes	Yes
HCX 209	Yes	3.0	No	No	Yes	1	No	Yes – dormouse presence confirmed in the local landscape to which the hedge has connectivity.
HCX 210	Yes	5.5	Yes	No	Yes	2	No	Yes – dormouse presence confirmed in the local landscape



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
								to which the hedge has connectivity.
HCX 211	Yes	8.0	Yes	No	Yes	5	Yes	Yes
HCX 212	Yes	6.7	Yes	Yes	Yes	5	Yes	Yes
HCX 213	Yes	6.0	Yes	Yes	Yes	5	Yes	Yes
HCX 214	Yes	5.0	Yes	Yes	Yes	4	Yes	Yes
HCX 215	Yes	5.3	Yes	Yes	Yes	4	Yes	Yes
HCX 216	Yes	4.0	No	No	No	2	No	No – is not a countryside hedge
HCX 217	No	-	-	-	-	-	-	No – is not a countryside hedge
HCX 218	No	-	-	-	-	-	-	Likely Important - linked to Cove Brook Grassland SINC
HCX 219	Yes - Not a Hedgerow	-	-	-	-	-	-	No
HCX 220	Yes	3.0	No	No	No	1	No	No – is not a countryside hedge
HCX 221	No	-	-	-	-	-	-	No – is not a countryside hedge
HCX 222	No - Trenchless	-	-	-	-	-	-	No – is not a countryside hedge
HCX 223	Yes - Not a Hedgerow	-	-	-	-	-	-	No
HCX 224	Yes - Not a Hedgerow	-	-	-	-	-	-	No – is not a countryside hedge
HCX 225	No - Trenchless	-	-	-	-	-	-	No – is not a countryside hedge



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
HCX 226	Yes - Not a Hedgerow	-	-	-	-	-	-	No
HCX 227	Yes*	-	-	-	Yes	-	No	Yes
HCX 228 & HCX 229	No	-	-	-	-	-	-	Likely Important – mature tree line with PRow
HCX 230	No	-	-	-	-	-	-	Likely Not Important
HCX 231	Yes	3.7	No	Yes	No	4	No	No
HCX 232	Yes	1.7	No	Yes	No	2	No	No
HCX 233	No	-	-	-	-	-	-	No – is not a countryside hedge
HCX 234	Yes	3.7	No	Yes	No	4	No	No
HCX 235	No	-	-	-	-	-	-	Likely Not Important
HCX 236	Yes*	2.0	No	No	No	2	No	No
HCX 237	No	-	-	-	-	-	-	Likely Not Important
HCX 238	Yes*	3.0	No	No	No	2	No	No
HCX 239	No	-	-	-	-	-	-	Likely Not Important
HCX 240	No	-	-	-	-	-	-	Likely Important - mature tree-lined hedge linked to Chobham Place Grassland SNCI and local wildlife site
HCX 241	No	-	-	-	-	-	-	Likely Important - mature tree-lined hedge linked to Chobham



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
								Place Grassland SNCI and local wildlife site
HCX 242	No	-	-	-	-	-	-	Likely Important - mature tree-lined hedge linked to Chobham Place Grassland SNCI and local wildlife site
HCX 243	No	-	-	-	-	-	-	Likely Not Important
HCX 244	No	-	-	-	-	-	-	Likely Not Important
HCX 245	No	-	-	-	-	-	-	Likely Not Important
HCX 246	No	-	-	-	-	-	-	Likely Not Important
HCX 247	No - Trenchless						-	Likely Not Important
HCX 248	Yes*	2.0	No	No	No	1	No	No
HCX 249	Yes	4.0	No	Yes	No	4	No	Yes
HCX 250	Yes	3.7	No	Yes	No	2	No	No
HCX 251	Yes	3.3	No	No	No	2	No	No
HCX 252 & HCX 253	No	-	-	-	-	-	-	Likely Important - located within Pannells Farm SNCI
HCX 254	No	-	-	-	-	-	-	Likely Important - located within Pannells Farm SNCI
HCX 255	Yes	2.5	No	No	No	4	No	No
HCX 256	No	-	-	-	-	-		Likely Important - located within Pannells Farm SNCI



Schedule ID for Hedgerows	Surveyed (*Survey Incomplete, See Section 2.5) (¹Supplemented with Botany Surveys)	Average Number of Woody Species (Schedule 3)	Species-rich (5+ Woody Species Average) (Defra, 2007)	Bisected or Parallel to Public Right of Way (Schedule 1, Part II, Paragraph 8)	Protected Species Present (Schedule 1, Part II, Paragraph 6)	Number of Ecological Features (See Annex B for Breakdown) (Schedule 1, Part II, Paragraph 7(4))	Species Rich and Important	Important Under the Hedgerows Regulations for Wildlife / Landscape
HCX 257	No	-	-	-	-	-	-	Likely Important - located within Pannells Farm SNCI
HCX 258	No	-	-	-	-	-	-	Likely Not Important
HCX 259	No	-	-	-	-	-	-	Likely Important - located within Chertsey Meads SNCI
HCX 260	No	-	-	-	-	-	-	Likely Important - located within Chertsey Meads SNCI
HCX 261	No	-	-	-	-	-	-	Likely Important - located within Chertsey Meads SNCI
HCX 262	No - Trenchless	-	-	-	-	-	-	Likely Not Important
HCX 263	No	-	-	-	-	-	-	Likely Not Important
HCX 264	No - Trenchless	-	-	-	-	-	-	Likely Not Important
HCX 265	No - Trenchless	-	-	-	-	-	-	Likely Not Important
HCX 266	No - Trenchless	-	-	-	-	-	-	No – not a countryside hedge
HCX 267	Yes	1.0	No	No	No	2	No	No
HCX 268	No	-	-	-	-	-	-	Likely Important - linked to Princes Lake SNCI
HCX 269	No	-	-	-	-	-	-	Likely Not Important
HCX 270	No	-	-	-	-	-	-	Likely Not Important



Annex B – Table of Ecological Features Recorded

This table comprises the features listed under Schedule 1, Part II paragraph 7(4) for each hedgerow. The reference to the specific paragraph in the Hedgerows Regulations 1997 can be found in each header box.

* For the purposes of sub-paragraph (4)(h) a connection with another hedgerow scores one point and a connection with a pond or a woodland in which the majority of trees are broad-leaved, scores 2 points; and a hedgerow is connected with something not only if it meets it but also if it has a point within 10m of it and would meet it if the line of the hedgerow continued (as set out in Schedule 1, paragraph 5).

Engineer Schedule ID for Inclusion	Bank or Wall Along at Least 50% of the Hedgerow (7(4a))	Combined Length of Gaps Does Not Exceed 10% of the Hedgerow (7(4b))	1+ Standard Tree per 50m (7(4c - e))	3+ Woodland Species (Schedule 2) (7(4f))	Ditch Along at Least 50% of the Hedgerow (7(4g))	Connections Scoring 4 or More Points (7(4h))*	Parallel Hedge Within 15m (7(4i))	Total Number of Ecological Features
HCX 002	No	Yes	Yes	No	No	No	No	2
HCX 003	No	No	No	No	No	No	Yes	1
HCX 004 & HCX 005	No	Yes	No	No	No	No	Yes	2
HCX 006	No	Yes	Yes	No	Yes	No	Yes	4
HCX 009	No	Yes	Yes	No	No	No	Yes	4
HCX 010	No	Yes	No	Yes	No	No	Yes	3
HCX 011	No	Yes	Yes	No	Yes	No	No	3
HCX 012	No	Yes	No	No	No	Yes	Yes	3
HCX 013	No	Yes	No	No	Yes	No	Yes	3
HCX 014	No	Yes	Yes	Yes	No	No	Yes	4
HCX 015	No	Yes	No	No	No	Yes	No	3
HCX 019	Yes	Yes	No	No	No	No	Yes	3
HCX 020	Yes	Yes	No	No	No	No	Yes	3
HCX 022	No	Yes	Yes	No	No	Yes	No	3
HCX 023	No	Yes	No	No	Yes	No	No	2



Engineer Schedule ID for Inclusion	Bank or Wall Along at Least 50% of the Hedgerow (7(4a))	Combined Length of Gaps Does Not Exceed 10% of the Hedgerow (7(4b))	1+ Standard Tree per 50m (7(4c - e))	3+ Woodland Species (Schedule 2) (7(4f))	Ditch Along at Least 50% of the Hedgerow (7(4g))	Connections Scoring 4 or More Points (7(4h))*	Parallel Hedge Within 15m (7(4i))	Total Number of Ecological Features
HCX 024	No	Yes	Yes	No	Yes	No	No	3
HCX 025	No	Yes	No	No	No	No	No	1
HCX 026	No	Yes	Yes	No	No	No	Yes	3
HCX 027	No	Yes	Yes	Yes	Yes	No	Yes	5
HCX 028	No	Yes	Yes	No	No	No	No	2
HCX 029	No	Yes	Yes	No	Yes	Yes	No	4
HCX 031	No	Yes	Yes	No	No	No	Yes	3
HCX 033	No	Yes	Yes	No	No	No	No	2
HCX 034	No	Yes	Yes	No	No	No	No	2
HCX 035	No	Yes	Yes	No	No	Yes	No	3
HCX 036	No	Yes	No	No	No	No	No	1
HCX 037	No	Yes	Yes	No	No	No	No	2
HCX 044	No	Yes	No	No	No	No	Yes	2
OFFLINE	No	Yes	No	No	No	No	Yes	2
HCX 045	No	Yes	Yes	No	No	No	Yes	3
HCX 050	No	Yes	Yes	No	No	No	No	2
HCX 051	No	Yes	No	No	Yes	No	Yes	3
HCX 052	No	Yes	No	No	Yes	No	Yes	3
HCX 053	No	Yes	Yes	No	No	Yes	Yes	4
HCX 054	No	Yes	No	No	No	No	Yes	2
HCX 055	No	Yes	Yes	No	No	No	Yes	3



Engineer Schedule ID for Inclusion	Bank or Wall Along at Least 50% of the Hedgerow (7(4a))	Combined Length of Gaps Does Not Exceed 10% of the Hedgerow (7(4b))	1+ Standard Tree per 50m (7(4c - e))	3+ Woodland Species (Schedule 2) (7(4f))	Ditch Along at Least 50% of the Hedgerow (7(4g))	Connections Scoring 4 or More Points (7(4h))*	Parallel Hedge Within 15m (7(4i))	Total Number of Ecological Features
HCX 056	No	No	Yes	No	No	Yes	Yes	3
HCX 058	No	Yes	Yes	Yes	No	No	Yes	4
HCX 060	No	Yes	Yes	No	No	Yes	No	3
HCX 061	No	No	Yes	No	No	No	No	1
HCX 062	No	Yes	No	No	No	No	Yes	2
HCX 063	No	Yes	Yes	No	No	No	Yes	3
HCX 066	No	Yes	Yes	No	No	Yes	Yes	4
HCX 068	No	Yes	Yes	Yes	No	Yes	Yes	5
HCX 069	No	Yes	Yes	Yes	No	No	Yes	4
HCX 077	No	Yes	Yes	No	No	Yes	No	3
HCX 080	No	No	No	No	No	No	Yes	1
HCX 081	No	Yes	No	No	No	No	Yes	2
HCX 082	No	Yes	Yes	No	No	Yes	No	3
HCX 083	No	Yes	No	No	No	Yes	Yes	3
HCX 084	No	Yes	Yes	No	No	No	Yes	3
HCX 088	Yes	Yes	Yes	Yes	No	No	Yes	5
HCX 089	No	Yes	No	No	No	No	Yes	2
HCX 091	No	Yes	No	No	Yes	No	Yes	3
HCX 092	No	Yes	No	No	No	No	Yes	2
HCX 093	No	Yes	No	No	No	No	Yes	2
HCX 094	No	Yes	No	No	Yes	No	Yes	3



Engineer Schedule ID for Inclusion	Bank or Wall Along at Least 50% of the Hedgerow (7(4a))	Combined Length of Gaps Does Not Exceed 10% of the Hedgerow (7(4b))	1+ Standard Tree per 50m (7(4c - e))	3+ Woodland Species (Schedule 2) (7(4f))	Ditch Along at Least 50% of the Hedgerow (7(4g))	Connections Scoring 4 or More Points (7(4h))*	Parallel Hedge Within 15m (7(4i))	Total Number of Ecological Features
HCX 097	No	Yes	Yes	No	No	Yes	Yes	4
HCX 098	No	Yes	No	No	No	Yes	Yes	3
HCX 099	No	Yes	No	No	No	Yes	Yes	3
HCX 101	No	Yes	No	No	No	No	No	1
HCX 102	No	Yes	No	No	No	Yes	Yes	3
HCX 104	No	Yes	Yes	No	No	Yes	No	3
HCX 105	No	Yes	Yes	No	No	No	No	2
HCX 106	No	No	No	No	No	No	No	0
HCX 107	No	Yes	Yes	No	No	Yes	Yes	4
HCX 108	No	Yes	No	No	No	Yes	Yes	3
HCX 109	No	Yes	No	No	No	No	Yes	2
HCX 110	No	Yes	Yes	Yes	No	No	Yes	4
HCX 112	No	No	Yes	No	No	No	No	1
HCX 113	No	Yes	Yes	Yes	No	No	No	3
HCX 114	No	Yes	Yes	Yes	No	No	Yes	4
HCX 115	No	Yes	Yes	Yes	No	No	Yes	4
HCX 116	No	Yes	Yes	Yes	No	No	Yes	4
HCX 118	Yes	Yes	No	Yes	No	No	Yes	4
HCX 119	Yes	No	Yes	Yes	No	No	Yes	4
HCX 120	Yes	Yes	Yes	No	No	No	Yes	4
HCX 121	No	Yes	Yes	Yes	No	No	Yes	4



Engineer Schedule ID for Inclusion	Bank or Wall Along at Least 50% of the Hedgerow (7(4a))	Combined Length of Gaps Does Not Exceed 10% of the Hedgerow (7(4b))	1+ Standard Tree per 50m (7(4c - e))	3+ Woodland Species (Schedule 2) (7(4f))	Ditch Along at Least 50% of the Hedgerow (7(4g))	Connections Scoring 4 or More Points (7(4h))*	Parallel Hedge Within 15m (7(4i))	Total Number of Ecological Features
HCX 123	No	Yes	Yes	No	No	No	Yes	3
HCX 124	No	Yes	Yes	No	No	No	No	3
HCX 125	No	Yes	No	No	No	Yes	No	1
HCX 126	No	Yes	Yes	Yes	No	No	No	3
HCX 130	No	Yes	Yes	Yes	Yes	Yes	No	5
HCX 131	No	Yes	Yes	Yes	Yes	Yes	No	5
HCX 132	Yes	Yes	Yes	No	Yes	No	No	4
HCX 133	No	Yes	Yes	No	No	No	No	3
HCX 134	No	Yes	No	No	No	No	Yes	2
HCX 135	No	No	No	No	No	No	No	0
HCX 136	No	Yes	No	No	No	No	No	1
HCX 137	No	Yes	Yes	No	No	Yes	No	3
HCX 138	No	No	Yes	No	No	No	No	1
OFFLINE	Yes	Yes	Yes	No	No	Yes	No	4
HCX 147	No	Yes	Yes	No	No	Yes	No	3
HCX 149	No	Yes	No	No	Yes	Yes	No	3
HCX 150	No	Yes	Yes	No	No	Yes	No	3
HCX 151	No	Yes	No	No	No	Yes	No	2
HCX 153	No	Yes	Yes	No	Yes	No	No	3
HCX 153	No	Yes	No	No	Yes	Yes	No	3
HCX 154	Yes	No	Yes	No	No	No	No	2



Engineer Schedule ID for Inclusion	Bank or Wall Along at Least 50% of the Hedgerow (7(4a))	Combined Length of Gaps Does Not Exceed 10% of the Hedgerow (7(4b))	1+ Standard Tree per 50m (7(4c - e))	3+ Woodland Species (Schedule 2) (7(4f))	Ditch Along at Least 50% of the Hedgerow (7(4g))	Connections Scoring 4 or More Points (7(4h))*	Parallel Hedge Within 15m (7(4i))	Total Number of Ecological Features
HCX 157	No	No	No	No	No	No	Yes	1
HCX 158	No	Yes	No	No	No	No	Yes	2
HCX 159	No	No	No	No	No	No	Yes	2
HCX 163	No	Yes	No	No	No	Yes	No	2
HCX 167	No	Yes	Yes	No	Yes	No	No	3
HCX 168	No	Yes	Yes	Yes	No	No	Yes	4
HCX 169	No	Yes	Yes	No	Yes	No	No	3
HCX 171	No	Yes	Yes	No	No	No	No	2
HCX 173	No	Yes	Yes	No	No	No	Yes	3
HCX 174	No	Yes	Yes	No	No	No	Yes	3
HCX 179	No	Yes	No	No	No	Yes	No	2
HCX 180	Yes	Yes	Yes	No	No	No	Yes	5
HCX 181	No	Yes	No	No	No	No	Yes	2
HCX 182	No	Yes	No	No	Yes	Yes	No	3
HCX 183	No	Yes	No	No	No	No	Yes	2
HCX 184	No	Yes	No	No	No	No	Yes	2
HCX 185	No	No	No	No	No	No	No	0
HCX 191	No	Yes	Yes	No	No	Yes	No	3
HCX 192	No	Yes	Yes	No	No	Yes	No	3
HCX 193	No	Yes	Yes	No	No	Yes	No	3
HCX 194	No	Yes	Yes	No	No	No	No	2



Engineer Schedule ID for Inclusion	Bank or Wall Along at Least 50% of the Hedgerow (7(4a))	Combined Length of Gaps Does Not Exceed 10% of the Hedgerow (7(4b))	1+ Standard Tree per 50m (7(4c - e))	3+ Woodland Species (Schedule 2) (7(4f))	Ditch Along at Least 50% of the Hedgerow (7(4g))	Connections Scoring 4 or More Points (7(4h))*	Parallel Hedge Within 15m (7(4i))	Total Number of Ecological Features
HCX 197	No	Yes	No	No	No	Yes	No	2
HCX 208	No	No	Yes	No	No	No	No	1
HCX 209	No	Yes	No	No	No	No	No	1
HCX 210	No	Yes	Yes	No	No	No	No	2
HCX 211	No	Yes	Yes	Yes	Yes	Yes	No	5
HCX 212	No	Yes	Yes	Yes	Yes	No	Yes	5
HCX 213	No	Yes	No	Yes	Yes	Yes	Yes	5
HCX 214	No	Yes	Yes	Yes	No	No	Yes	4
HCX 215	No	Yes	Yes	Yes	No	No	Yes	4
HCX 216	No	Yes	Yes	No	No	No	No	2
HCX 220	No	Yes	No	No	No	No	No	1
HCX 227	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	0
HCX 231	No	Yes	Yes	No	Yes	Yes	No	4
HCX 232	No	Yes	Yes	No	No	No	No	2
HCX 234	No	Yes	Yes	Yes	Yes	No	No	4
HCX 236	No	Yes	No	No	No	No	Yes	2
HCX 238	No	Yes	Yes	No	No	No	No	2
HCX 248	No	No	Yes	No	No	No	No	1
HCX 249	No	Yes	Yes	Yes	No	No	Yes	4
HCX 250	No	Yes	Yes	No	No	No	No	2
HCX 251	No	Yes	Yes	No	No	No	No	2



Engineer Schedule ID for Inclusion	Bank or Wall Along at Least 50% of the Hedgerow (7(4a))	Combined Length of Gaps Does Not Exceed 10% of the Hedgerow (7(4b))	1+ Standard Tree per 50m (7(4c - e))	3+ Woodland Species (Schedule 2) (7(4f))	Ditch Along at Least 50% of the Hedgerow (7(4g))	Connections Scoring 4 or More Points (7(4h))*	Parallel Hedge Within 15m (7(4i))	Total Number of Ecological Features
HCX 255	No	Yes	Yes	No	Yes	Yes	No	4
HCX 267	No	Yes	Yes	No	No	No	No	2

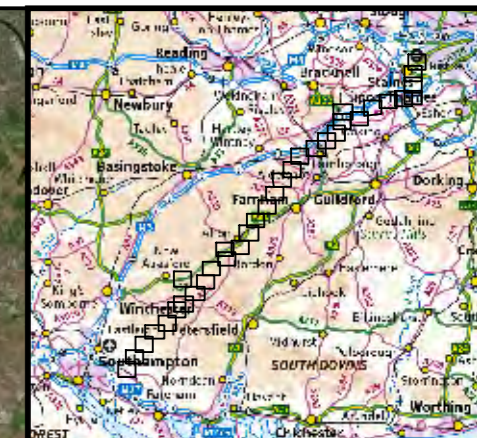
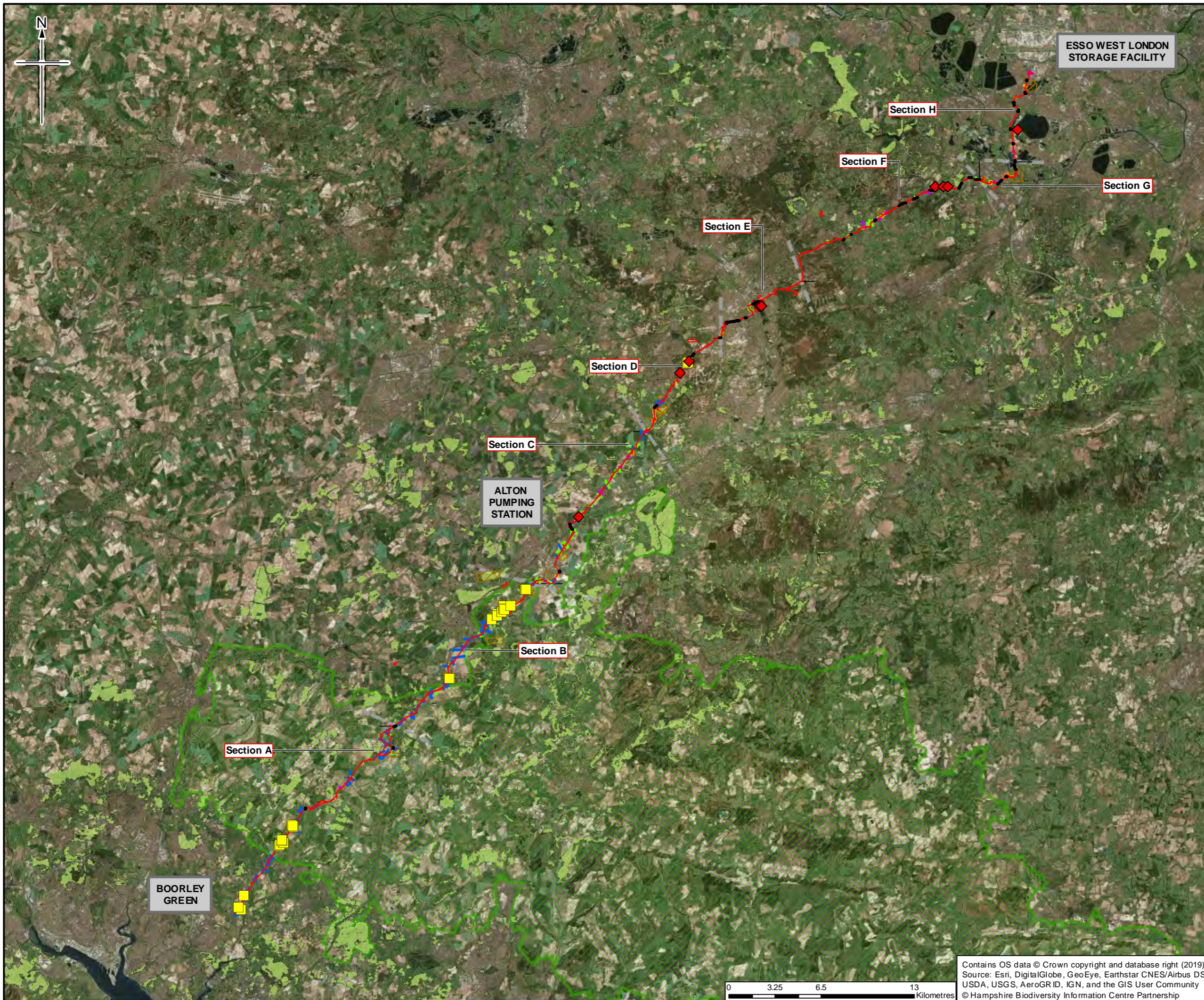


Figures

Figure A7.2.1 Desk Study and field survey results



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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Unsurveyed - likely not Important
 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
 - Non-statutory designated sites SNCIs and SINC
 - Ancient woodland

Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Appr'd
0	25/04/2019	For Issue	VW	NS	LQ	SH

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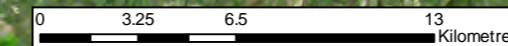
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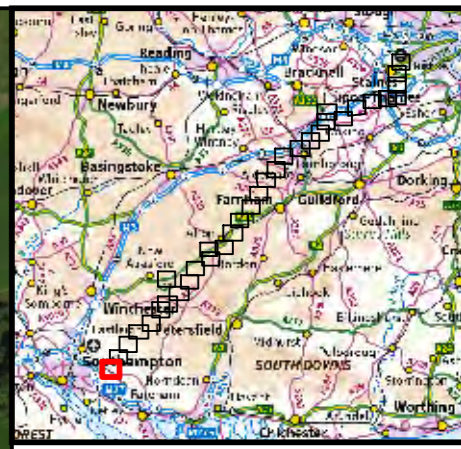
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ENVIRONMENTAL STATEMENT
HEDGEROWS - DESK STUDY AND
FIELD SURVEY RESULTS
APFP Reg. (2009) 5(2)(f)

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- Legend**
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 - Trenchless crossing
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 - Great Crested Newt
- Hedgerows**
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 - Not Important
 - Unsurveyed - likely not Important
 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
 - Non-statutory designated sites SNCIs and SINCIs
 - Ancient woodland
- Sheet displays part of Section A

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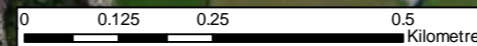
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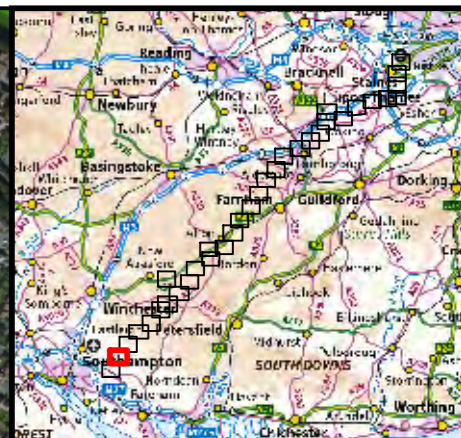
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 HEDGEROWS - DESK STUDY AND
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 APFP Reg. (2009) 5(2)(l)

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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Unsurveyed - likely not Important
 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
- Non-statutory designated sites SNCIs and SINCIs
- Ancient woodland
- Sheet displays part of Section A

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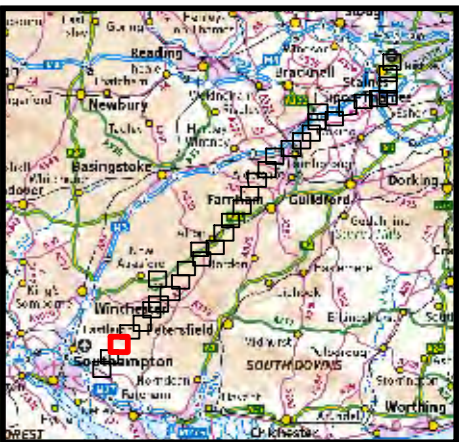
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 ENVIRONMENTAL STATEMENT
 HEDGEROWS - DESK STUDY AND
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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Unsurveyed - likely not Important
 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
 - Non-statutory designated sites SNCIs and SINCIs
 - Ancient woodland
- Sheet displays part of Section A

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Drawing title

ENVIRONMENTAL STATEMENT
HEDGEROWS - DESK STUDY AND
FIELD SURVEY RESULTS
APFP Reg. (2009) 5(2)(l)

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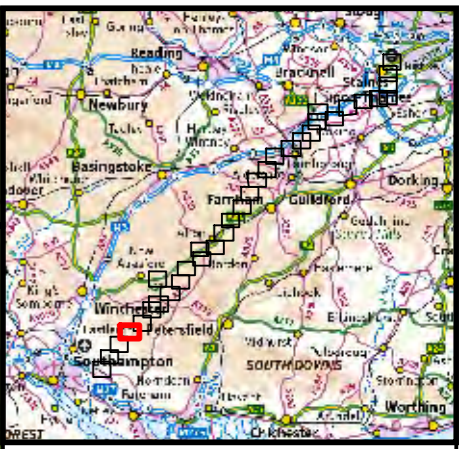
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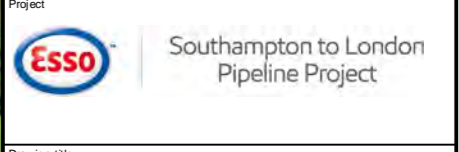


- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Unsurveyed - likely not Important
 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
 - Non-statutory designated sites SNCIs and SINCIs
 - Ancient woodland
- Sheet displays part of Section A

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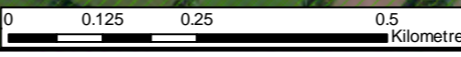
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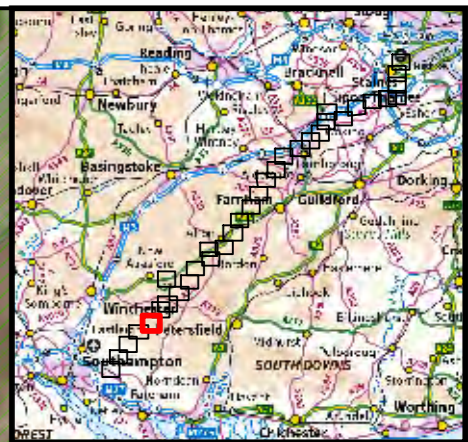
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 HEDGEROWS - DESK STUDY AND
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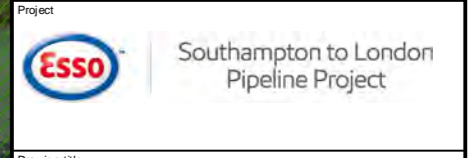
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- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Uns surveyed - likely not Important
 - Uns surveyed - likely Important
 - Uns surveyed but not likely to be affected by construction
- South Downs National Park
 - Non-statutory designated sites SNCIs and SINC s
 - Ancient woodland

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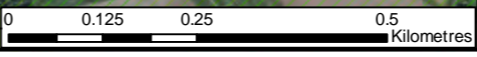
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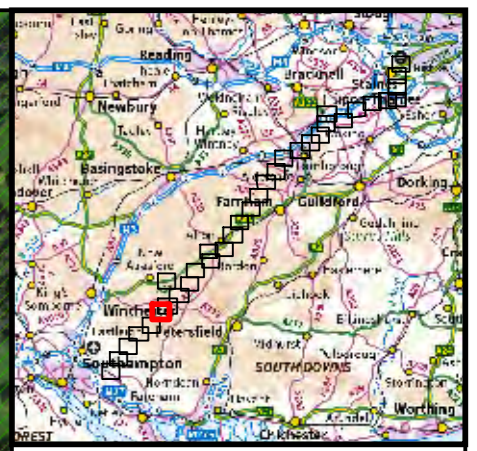


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Legend

- Order Limits
- Section break
- Section break
- Trenchless crossing

Protected Species

- ◆ Bat roost
- Dormouse
- Great Crested Newt

Hedgerows

- Important
- Not Important
- Unsurveyed - likely not Important
- Unsurveyed - likely Important
- Unsurveyed but not likely to be affected by construction

South Downs National Park

Non-statutory designated sites SNCIs and SINC

Ancient woodland

Sheet displays part of Section A

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Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd
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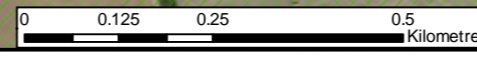
Southampton to London Pipeline Project

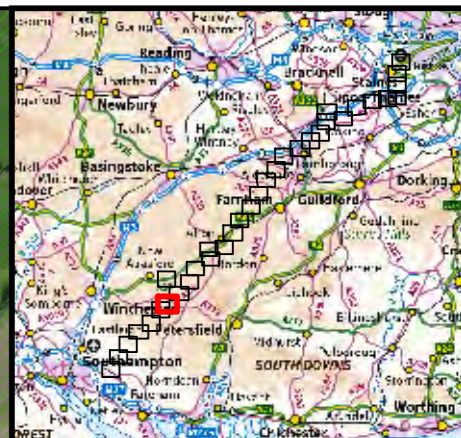
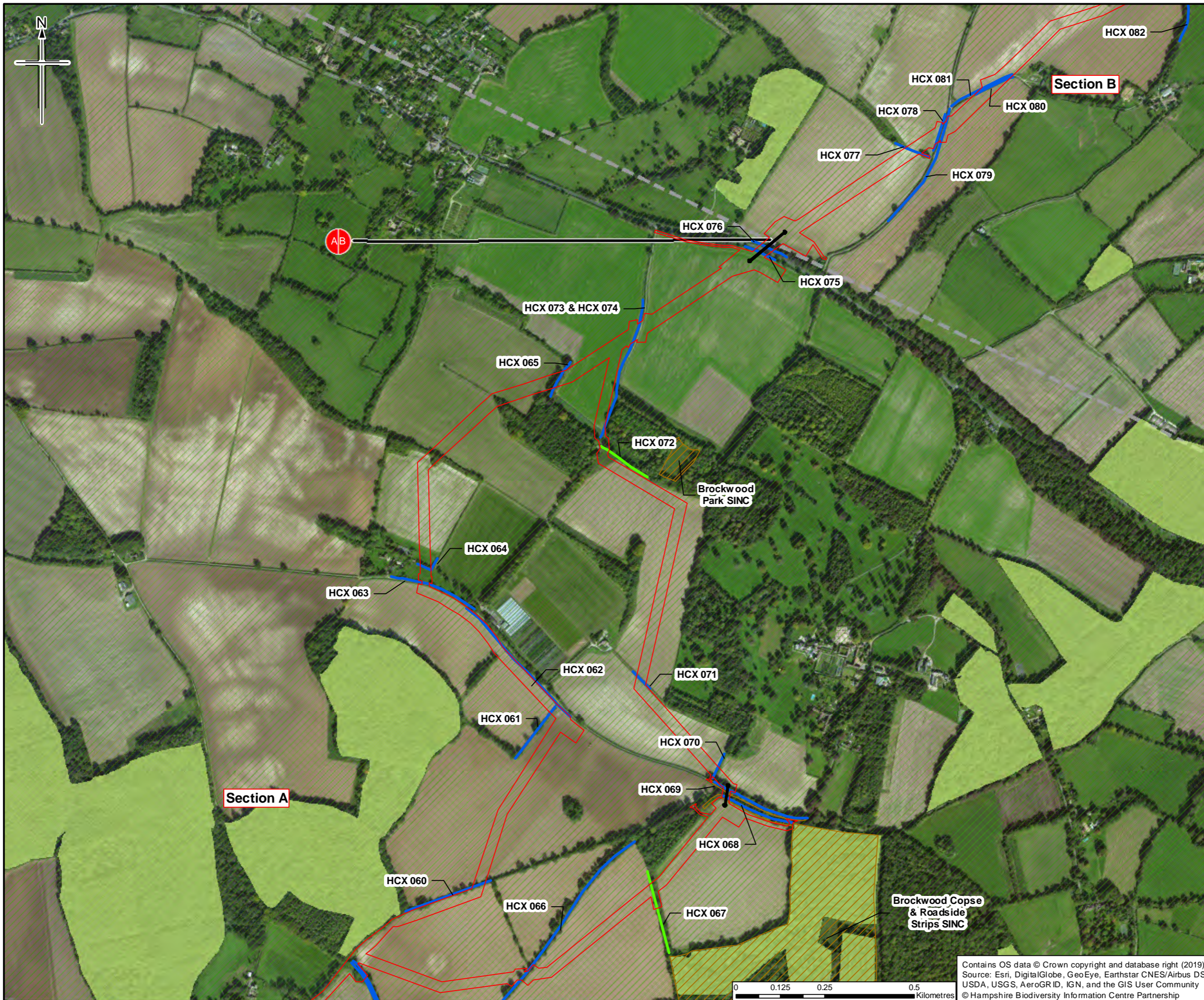
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**ENVIRONMENTAL STATEMENT
HEDGEROWS - DESK STUDY AND
FIELD SURVEY RESULTS
APFP Reg. (2009) 5(2)(f)**

Drawing Status	For Issue	
Scale	1:10,000 @ A3	DO NOT SCALE
Jacobs No.	B2325300	
ProjectWise No.	B2325300-JAC-000-ENV-DRG-001065	
Drawing number	Figure A7.2.1 Sheet 6 of 34	Rev 0

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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Unsurveyed - likely not Important
 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
 - Non-statutory designated sites SNCs and SINC
 - Ancient woodland
- Sheet displays parts of Section A and Section B

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Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd
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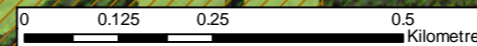
Project
 Southampton to London Pipeline Project

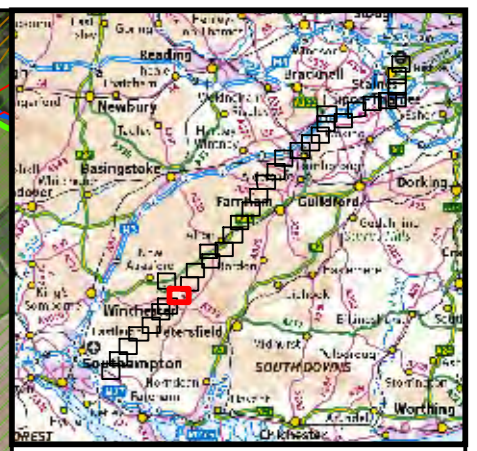
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**ENVIRONMENTAL STATEMENT
HEDGEROWS - DESK STUDY AND
FIELD SURVEY RESULTS
APFP Reg. (2009) 5(2)(l)**

Drawing Status	For Issue	
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ProjectWise No.	B2325300-JAC-000-ENV-DRG-001065	
Drawing number	Figure A7.2.1 Sheet 7 of 34	Rev 0

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Legend

- Order Limits
- Section break
- Section break
- Trenchless crossing

Protected Species

- ◆ Bat roost
- Dormouse
- Great Crested Newt

Hedgerows

- Important
- Not Important
- Unsurveyed - likely not Important
- Unsurveyed - likely Important
- Unsurveyed but not likely to be affected by construction

South Downs National Park

Non-statutory designated sites SNCIs and SINCs

Ancient woodland

Sheet displays part of Section B

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Rev.	Date	Purpose of revision	OrigDwn	Checked	Rev'd	Appr'd
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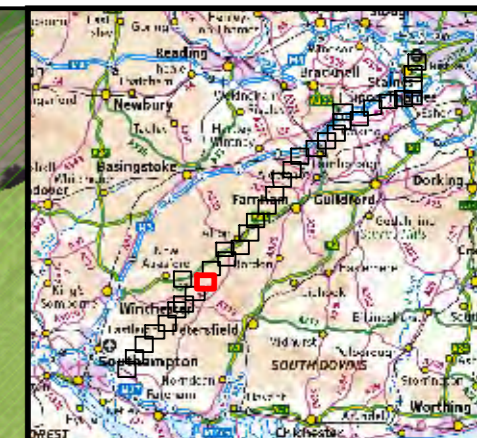
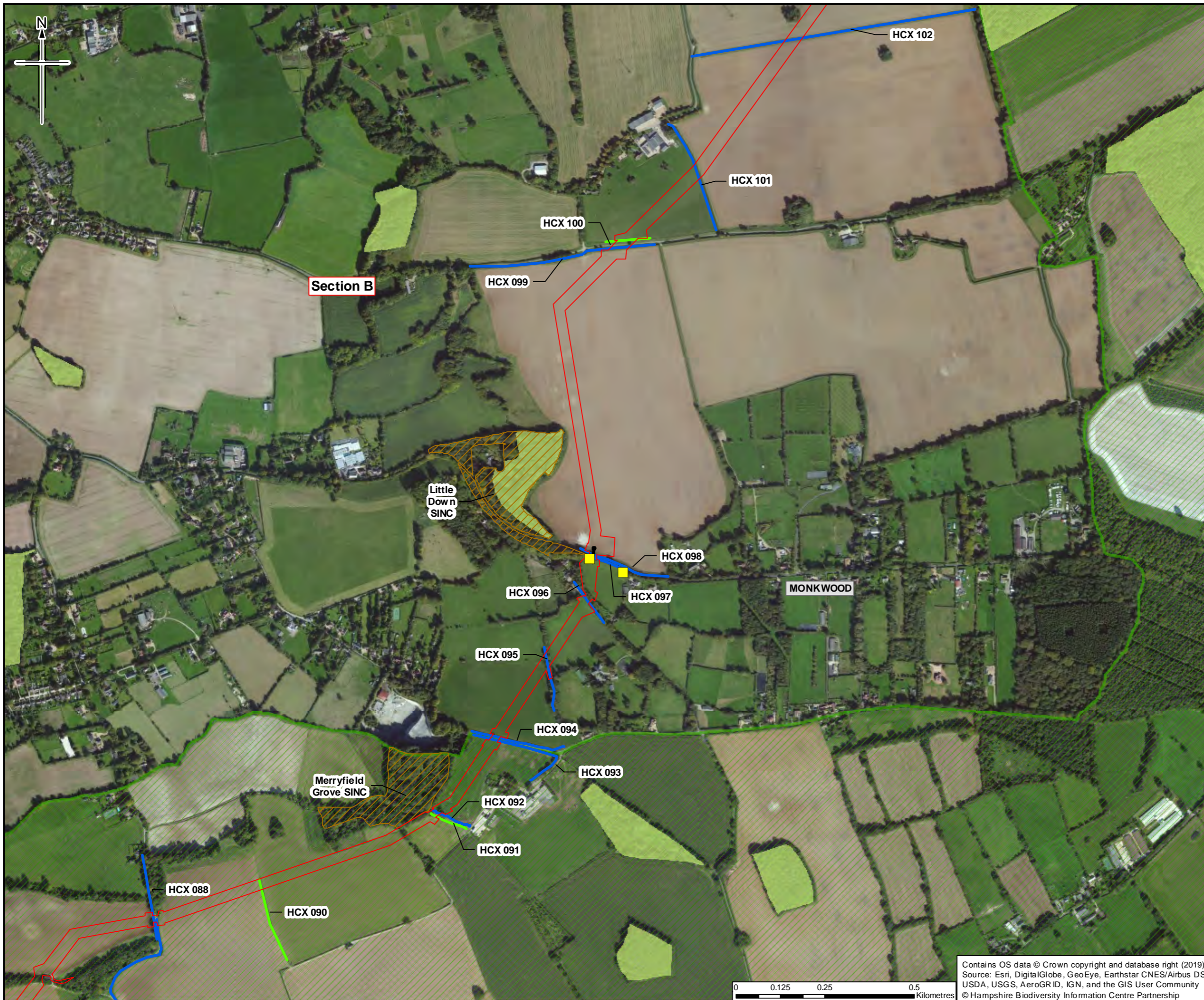
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**ENVIRONMENTAL STATEMENT
 HEDGEROWS - DESK STUDY AND
 FIELD SURVEY RESULTS
 APFP Reg. (2009) 5(2)(l)**

Drawing Status	For Issue	
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ProjectWise No.	B2325300-JAC-000-ENV-DRG-001065	
Drawing number	Figure A7.2.1 Sheet 8 of 34	Rev 0

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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Unsurveyed - likely not Important
 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
- Non-statutory designated sites SNCIs and SINC
- Ancient woodland

Sheet displays part of Section B

0	25/04/2019	For Issue	VW	NS	LG	SH
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd



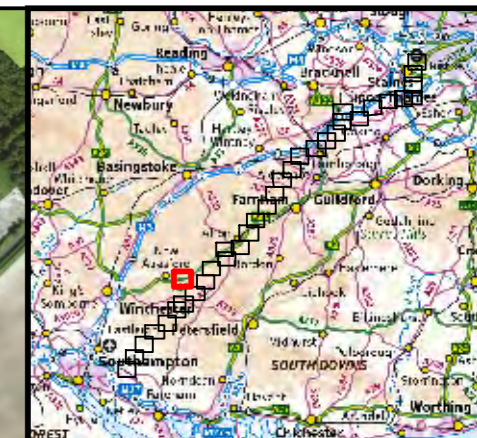
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**ENVIRONMENTAL STATEMENT
HEDGEROWS - DESK STUDY AND
FIELD SURVEY RESULTS
APFP Reg. (2009) 5(2)(f)**

Drawing Status	For Issue	
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Drawing number	Figure A7.2.1 Sheet 9 of 34	Rev 0

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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Unsurveyed - likely not Important
 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
 - Non-statutory designated sites SNCIs and SINC
 - Ancient woodland
- Sheet displays part of Section B

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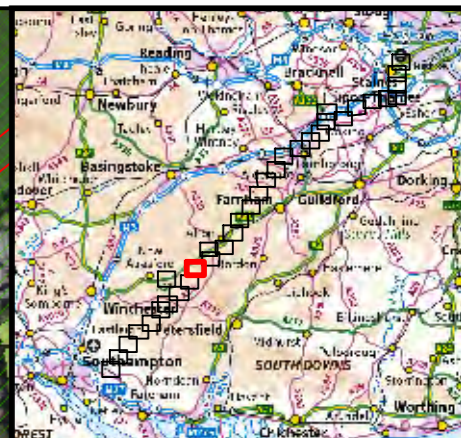
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 FIELD SURVEY RESULTS
 APFP Reg. (2009) 5(2)(l)

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ProjectWise No.	B2325300-JAC-000-ENV-DRG-001065	

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 Figure A7.2.1 Sheet 10 of 34
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Legend

- Order Limits
- Section break
- Section break
- Trenchless crossing

Protected Species

- ◆ Bat roost
- Dormouse
- Great Crested Newt

Hedgerows

- Important
- Not Important
- Unsurveyed - likely not Important
- Unsurveyed - likely Important
- Unsurveyed but not likely to be affected by construction

South Downs National Park

Non-statutory designated sites SNCIs and SINC

Ancient woodland

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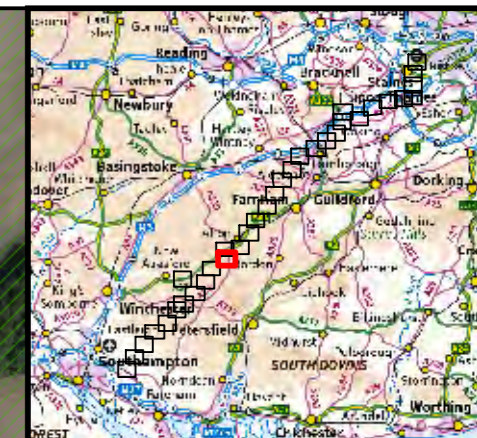
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ENVIRONMENTAL STATEMENT
 HEDGEROWS - DESK STUDY AND
 FIELD SURVEY RESULTS
 APFP Reg. (2009) 5(2)(l)

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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Unsurveyed - likely not Important
 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
- Non-statutory designated sites SNCIs and SINCs
- Ancient woodland

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0	25/04/2019	For Issue	VW	NS	LQ	SH
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd



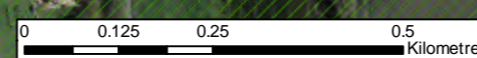
Client
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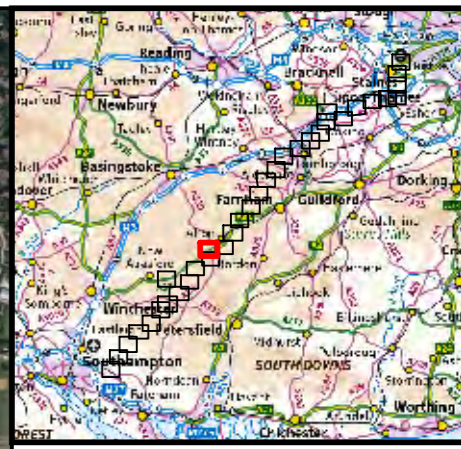


Drawing title
ENVIRONMENTAL STATEMENT
HEDGEROWS - DESK STUDY AND
FIELD SURVEY RESULTS
APFP Reg. (2009) 5(2)(l)

Drawing Status	For Issue	
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ProjectWise No.	B2325300-JAC-000-ENV-DRG-001065	
Drawing number	Figure A7.2.1 Sheet 12 of 34	Rev 0

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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Unsurveyed - likely not Important
 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
 - Non-statutory designated sites SNCIs and SINC
 - Ancient woodland
- Sheet displays part of Section B

0	25/04/2019	For Issue	VW	NS	LG	SH
Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd
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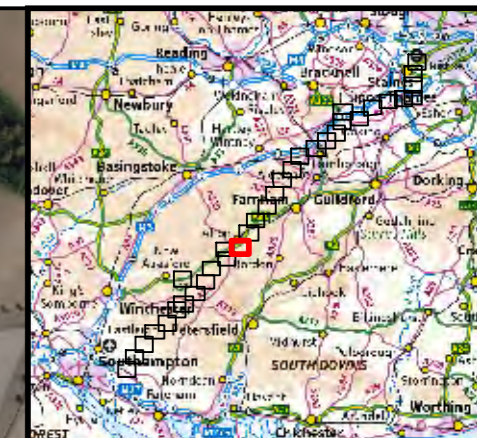
Project
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Drawing title
 ENVIRONMENTAL STATEMENT
 HEDGEROWS - DESK STUDY AND
 FIELD SURVEY RESULTS
 APFP Reg. (2009) 5(2)(l)

Drawing Status	For Issue	
Scale	1:10,000 @ A3	DO NOT SCALE
Jacobs No.	B2325300	
ProjectWise No.	B2325300-JAC-000-ENV-DRG-001065	
Drawing number	Figure A7.2.1 Sheet 13 of 34	Rev 0

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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Unsurveyed - likely not Important
 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
- Non-statutory designated sites SNCIs and SINCs
- Ancient woodland
- Sheet displays parts of Section B and Section C

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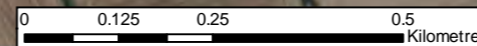
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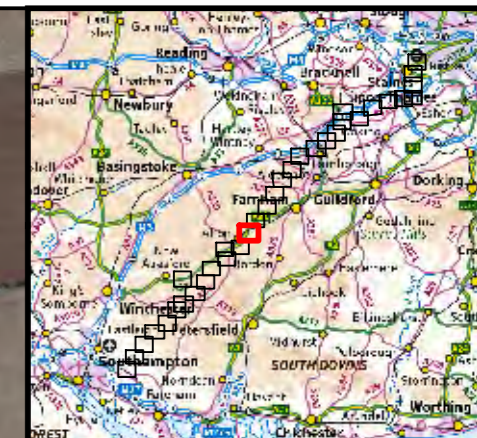
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ENVIRONMENTAL STATEMENT
HEDGEROWS - DESK STUDY AND
FIELD SURVEY RESULTS
APFP Reg. (2009) 5(2)(l)

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Jacobs No.	B 2325300	
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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Unsurveyed - likely not Important
 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
 - Non-statutory designated sites SNCIs and SINCs
 - Ancient woodland

Sheet displays part of Section C

0	25/04/2019	For Issue	VW	NS	LG	SH
Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd
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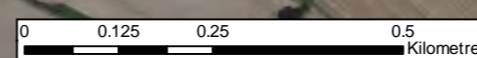
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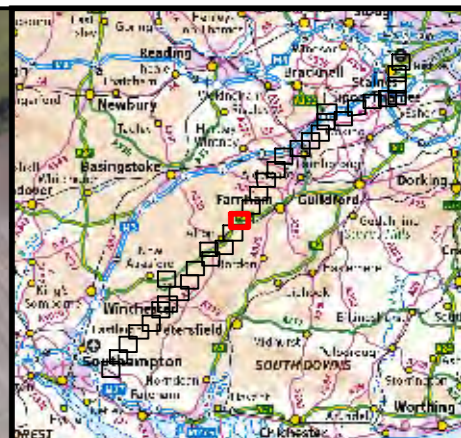
Project
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Drawing title
 ENVIRONMENTAL STATEMENT
 HEDGEROWS - DESK STUDY AND
 FIELD SURVEY RESULTS
 APFP Reg. (2009) 5(2)(l)

Drawing Status	For Issue	
Scale	1:10,000 @ A3	DO NOT SCALE
Jacobs No.	B2325300	
ProjectWise No.	B2325300-JAC-000-ENV-DRG-001065	
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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Unsurveyed - likely not Important
 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
 - Non-statutory designated sites SNCIs and SINCIs
 - Ancient woodland
- Sheet displays part of Section C

0	25/04/2019	For Issue	VW	NS	LG	SH
Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd
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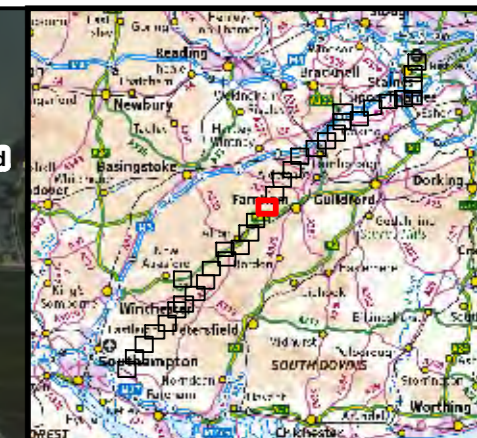
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Leatherhead,
Surrey,
KT22 8UX



Drawing title
**ENVIRONMENTAL STATEMENT
HEDGEROWS - DESK STUDY AND
FIELD SURVEY RESULTS
APFP Reg. (2009) 5(2)(l)**

Drawing Status	For Issue	
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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Unsurveyed - likely not Important
 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
 - Non-statutory designated sites SNCIs and SINCs
 - Ancient woodland

Sheet displays part of Section C

0	25/04/2019	For Issue	VW	NS	LG	SH
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd
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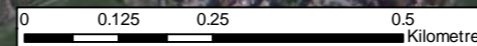


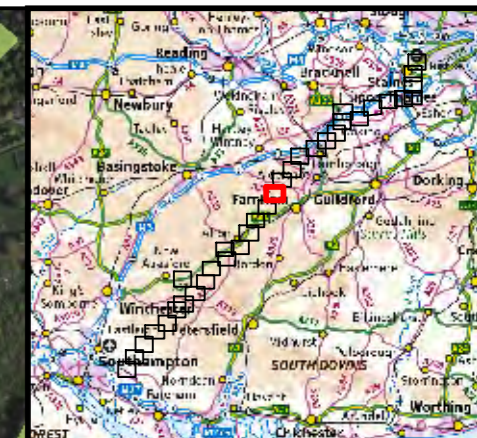
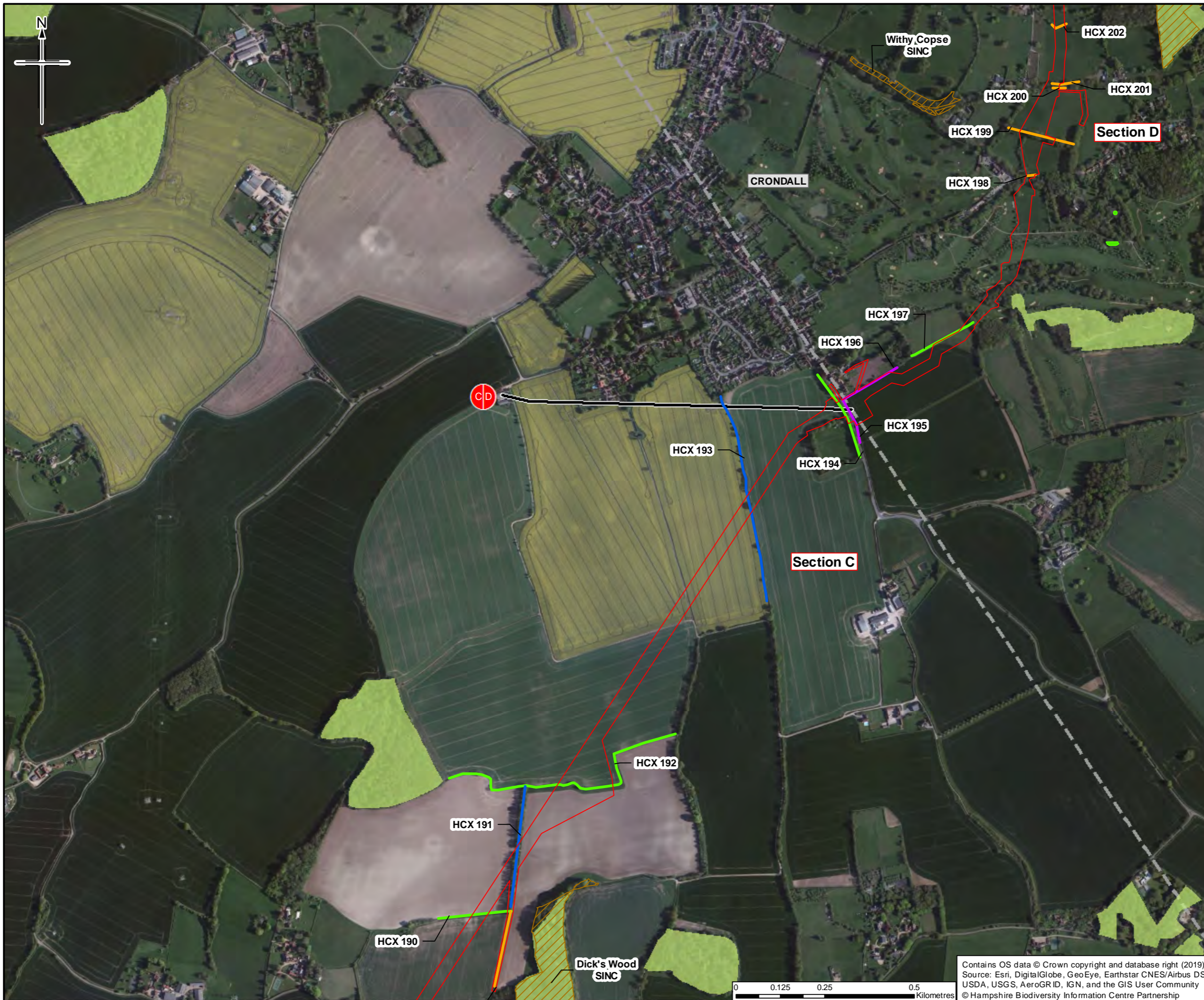
Drawing title

**ENVIRONMENTAL STATEMENT
 HEDGEROWS - DESK STUDY AND
 FIELD SURVEY RESULTS
 APFP Reg. (2009) 5(2)(l)**

Drawing Status	For Issue		
Scale	1:10,000	@ A3	DO NOT SCALE
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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Unserved - likely not Important
 - Unserved - likely Important
 - Unserved but not likely to be affected by construction
- South Downs National Park
- Non-statutory designated sites SNCs and SINCs
- Ancient woodland
- Sheet displays parts of Section C and Section D

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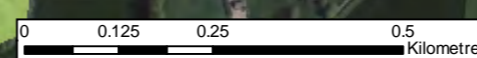
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 Esso Petroleum Company, Limited
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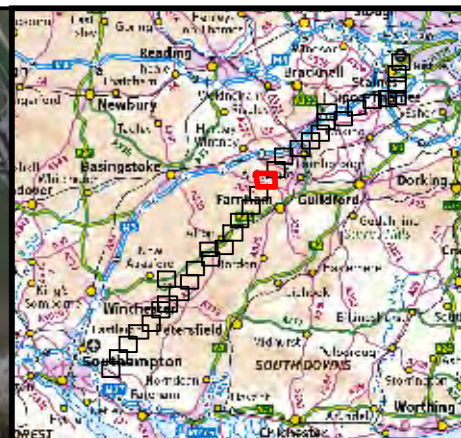
Project
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Drawing title
 ENVIRONMENTAL STATEMENT
 HEDGEROWS - DESK STUDY AND
 FIELD SURVEY RESULTS
 APFP Reg. (2009) 5(2)(l)

Drawing Status	For Issue	
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Jacobs No.	B2325300	
ProjectWise No.	B2325300-JAC-000-ENV-DRG-001065	
Drawing number	Figure A7.2.1 Sheet 18 of 34	Rev 0

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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Unsurveyed - likely not Important
 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
- Non-statutory designated sites SNCs and SINCs
- Ancient woodland

Sheet displays part of Section D

0	25/04/2019	For issue	VW	NS	LQ	SH
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Appr'd



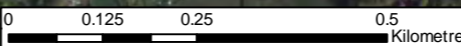
Client
Esso Petroleum Company, Limited
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Leatherhead,
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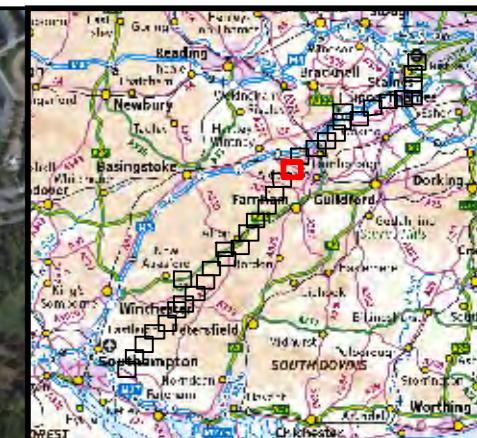
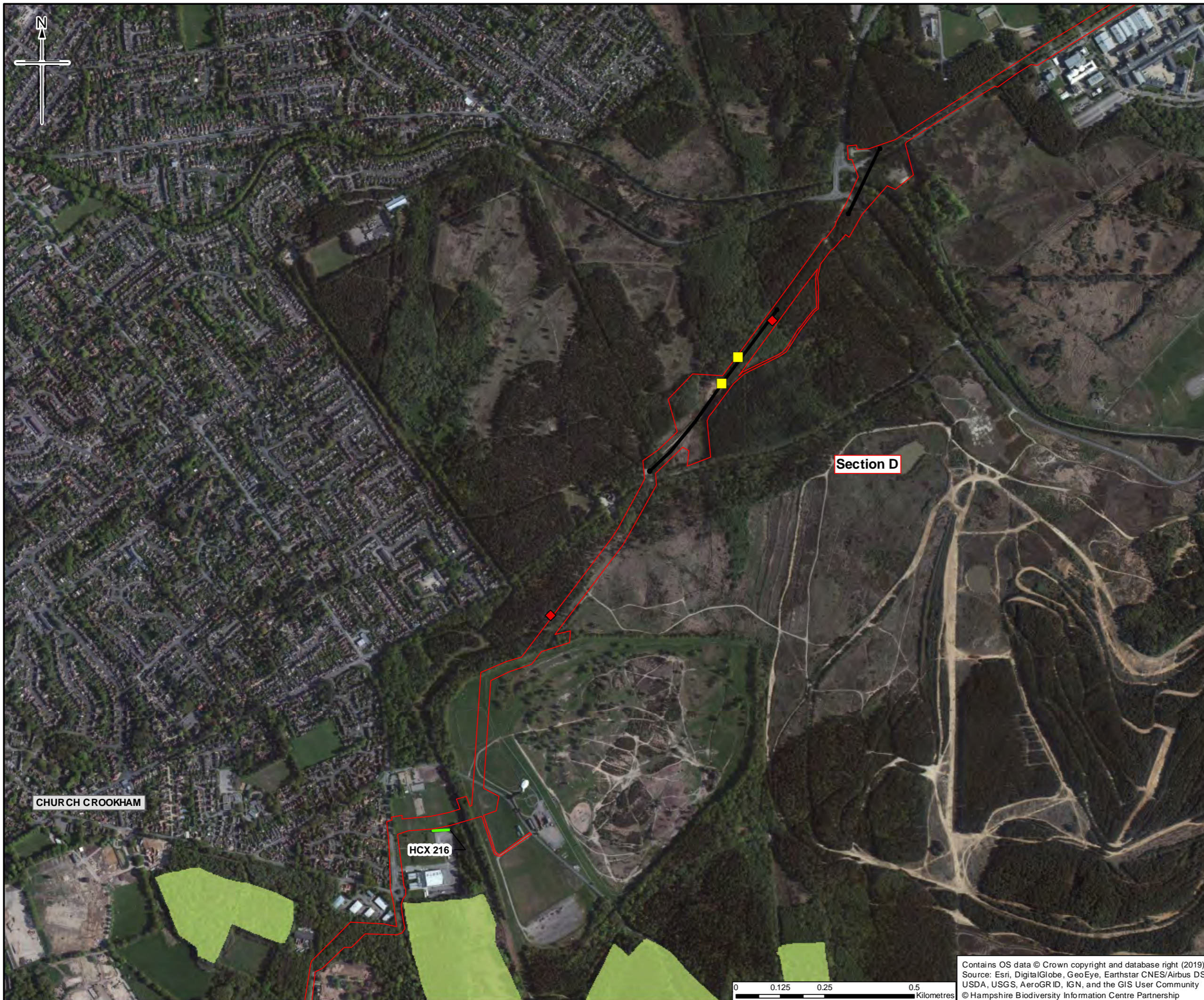


Drawing title
ENVIRONMENTAL STATEMENT
HEDGEROWS - DESK STUDY AND
FIELD SURVEY RESULTS
APFP Reg. (2009) 5(2)(l)

Drawing Status	For Issue
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Jacobs No.	B2325300
Project/Work No.	B2325300-JAC-000-ENV-DRG-001065
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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Unsurveyed - likely not Important
 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
 - Non-statutory designated sites SNCIs and SINC
 - Ancient woodland

Sheet displays part of Section D

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Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd

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Project

Southampton to London Pipeline Project

Drawing title

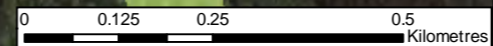
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 HEDGEROWS - DESK STUDY AND
 FIELD SURVEY RESULTS
 APFP Reg. (2009) 5(2)(l)

Drawing Status	For Issue
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Jacobs No.	B2325300
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Drawing number	Figure A7.2.1 Sheet 20 of 34
Rev	0

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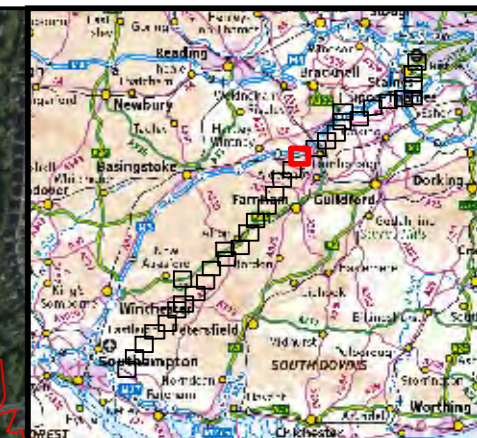
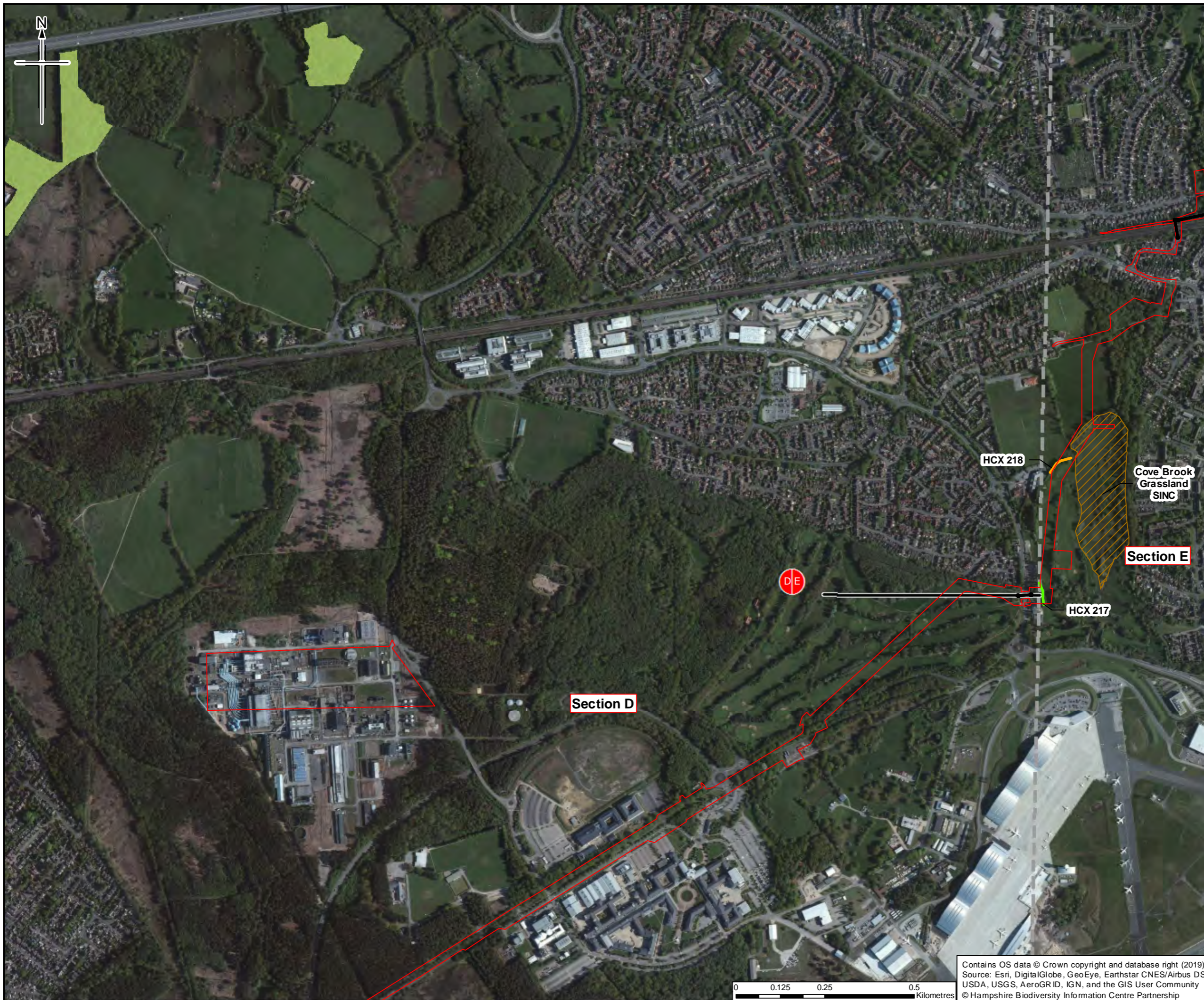
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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Unsurveyed - likely not Important
 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
- Non-statutory designated sites SNCIs and SINCS
- Ancient woodland
- Sheet displays parts of Section D and Section E

0	25/04/2019	For issue	VW	NS	LG	SH
Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd
Author						

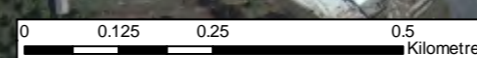
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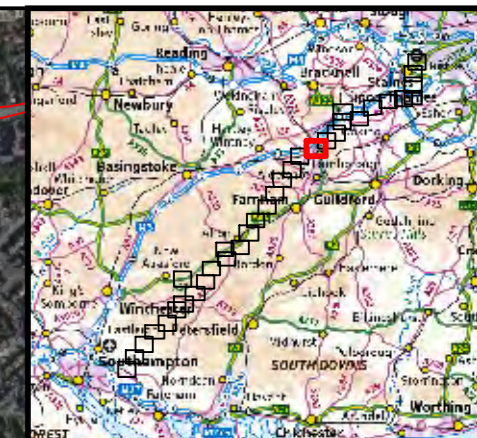
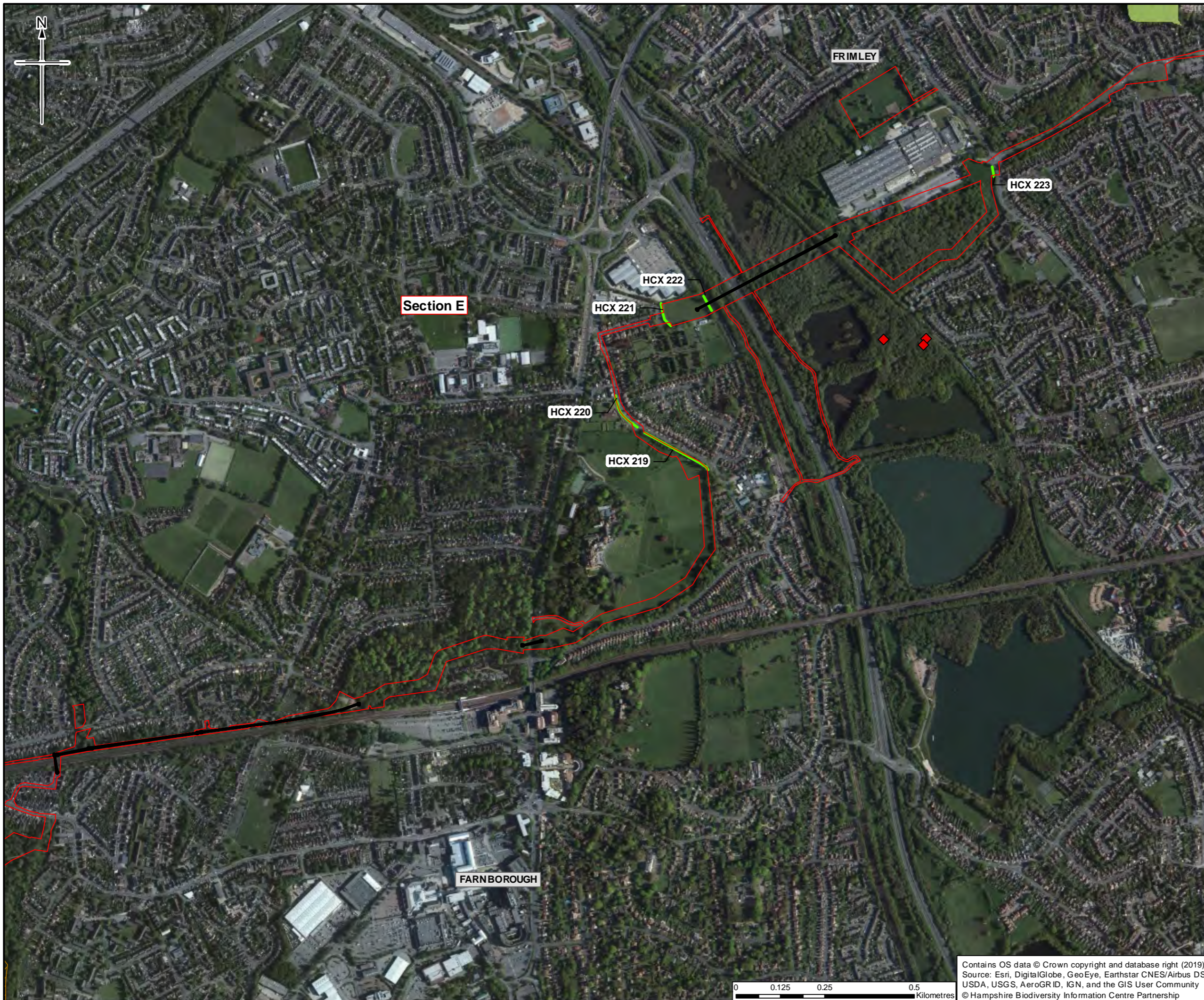
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ProjectWise No.	B2325300-JAC-000-ENV-DRG-001065	
Drawing number	Figure A7.2.1 Sheet 21 of 34	Rev 0



- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
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 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
- Non-statutory designated sites SNCIs and SINCs
- Ancient woodland

Sheet displays part of Section E

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Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd
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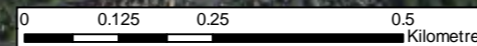
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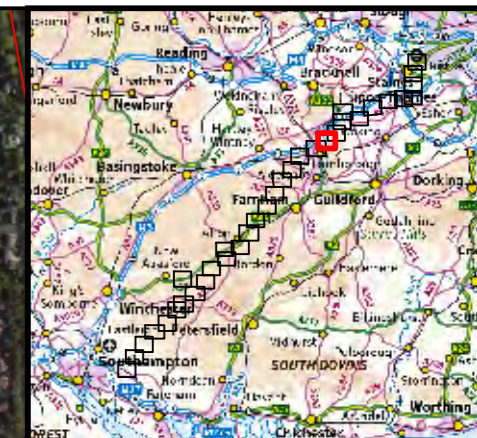
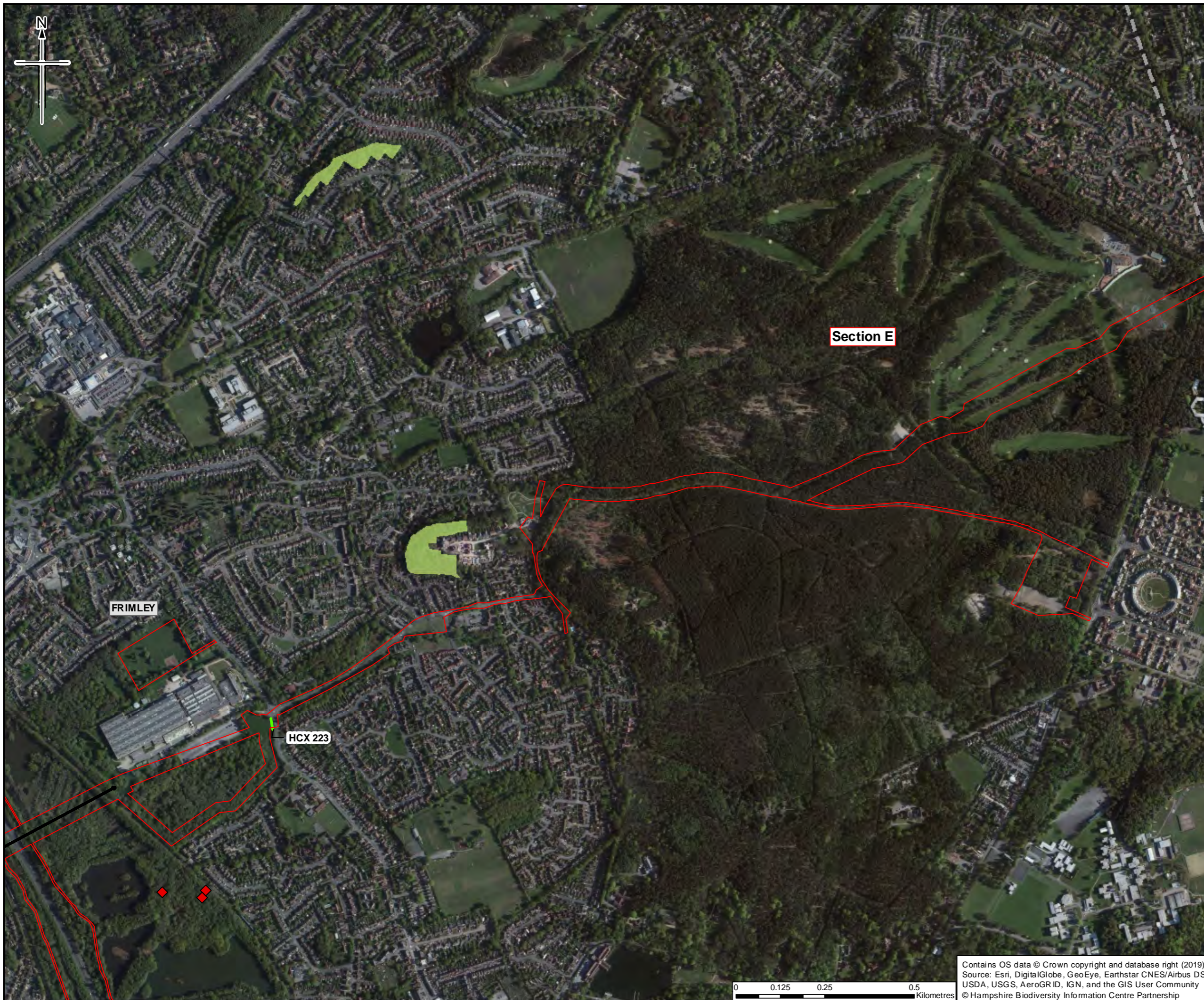
Project
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 ENVIRONMENTAL STATEMENT
 HEDGEROWS - DESK STUDY AND
 FIELD SURVEY RESULTS
 APFP Reg. (2009) 5(2)(l)

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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Unsurveyed - likely not Important
 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
 - Non-statutory designated sites SNCIs and SINCIs
 - Ancient woodland

Sheet displays part of Section E

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Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd

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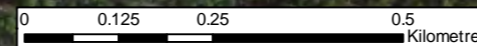
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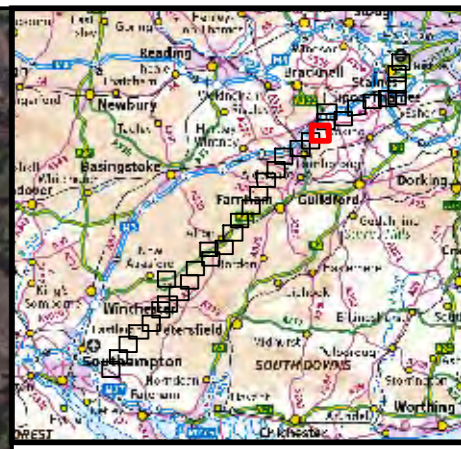
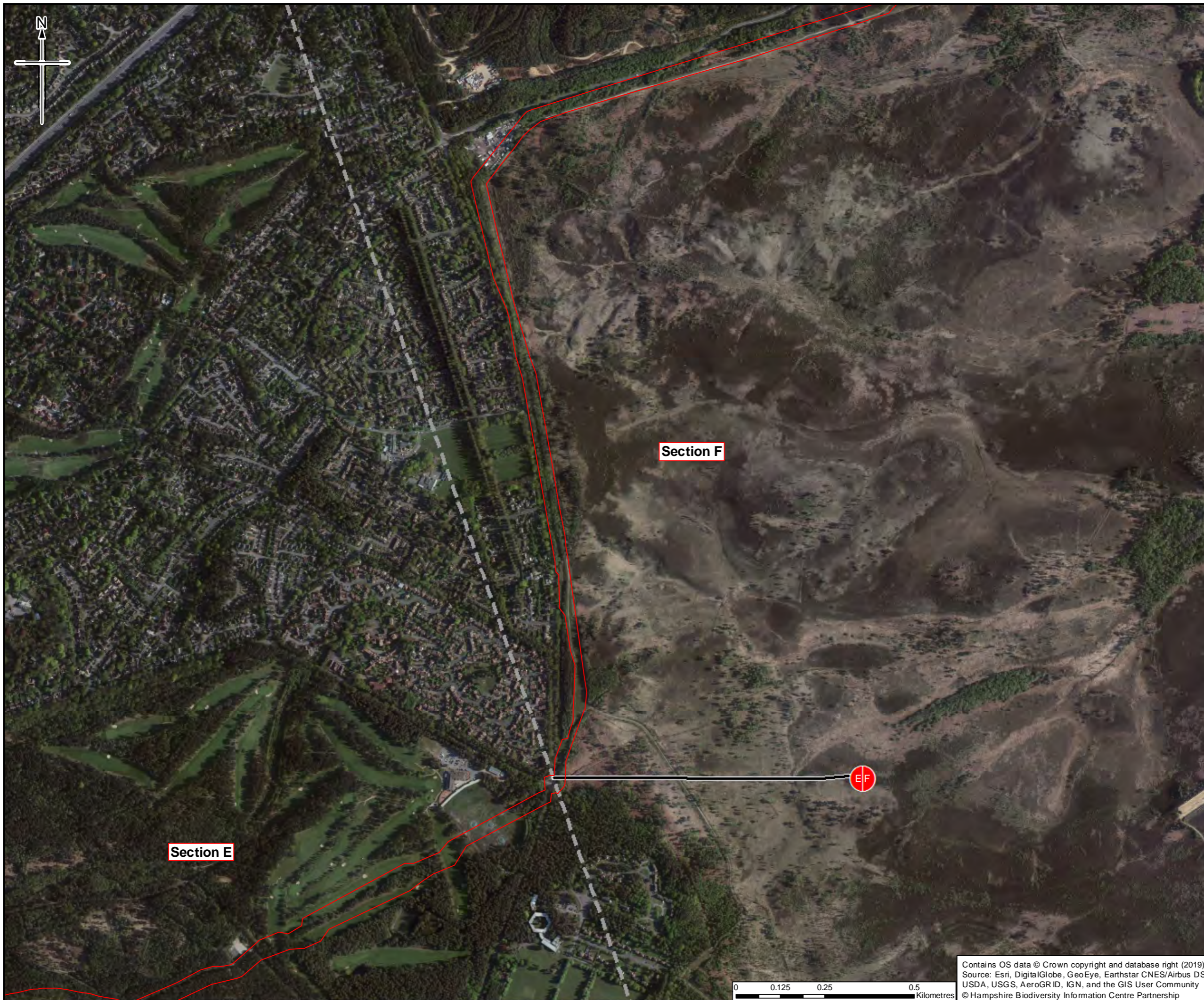
Project
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Drawing title
**ENVIRONMENTAL STATEMENT
 HEDGEROWS - DESK STUDY AND
 FIELD SURVEY RESULTS
 APFP Reg. (2009) 5(2)(l)**

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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
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 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
 - Non-statutory designated sites SNCIs and SINC
 - Ancient woodland

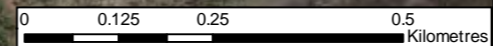
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Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd
Author						

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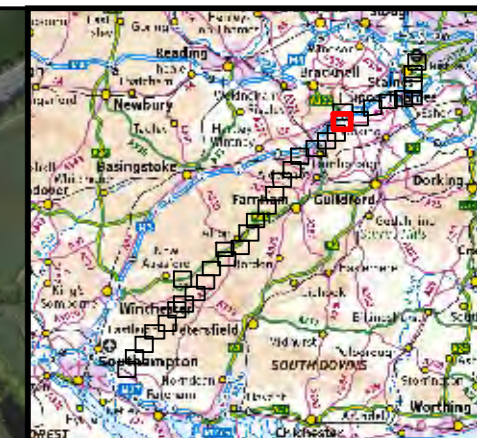
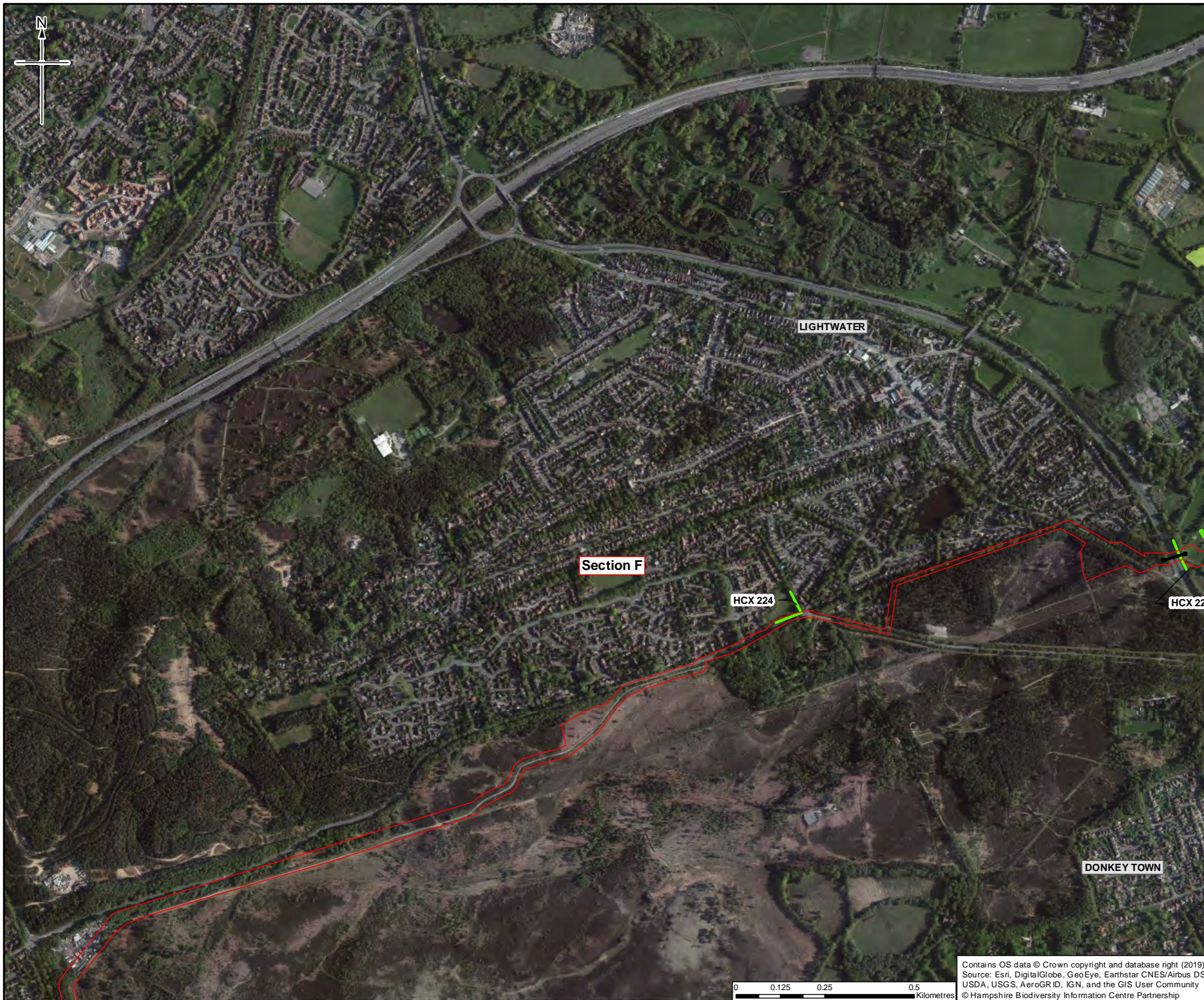
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 APFP Reg. (2009) 5(2)(I)



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Drawing number	Figure A7.2.1 Sheet 24 of 34	Rev 0



- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Unsurveyed - likely not Important
 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
 - Non-statutory designated sites SNCIs and SINCIs
 - Ancient woodland

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Rev.	Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd
0	25/04/2019	For Issue	VW	NS	LQ	SH

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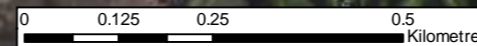
Southampton to London Pipeline Project

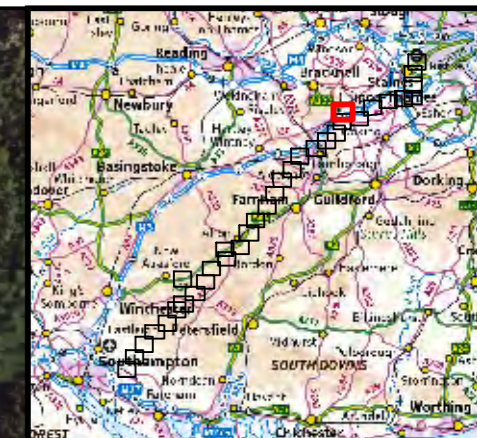
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ENVIRONMENTAL STATEMENT
 HEDGEROWS - DESK STUDY AND
 FIELD SURVEY RESULTS
 APFP Reg. (2009) 5(2)(l)

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Jacobs No.	B2325300
ProjectWise No.	B2325300-JAC-000-ENV-DRG-001065
Drawing number	Figure A7.2.1 Sheet 25 of 34
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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
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- Hedgerows**
- Important
 - Not Important
 - Unsurveyed - likely not Important
 - Unsurveyed - likely Important
 - Unsurveyed but not likely to be affected by construction
- South Downs National Park
 - Non-statutory designated sites SNCIs and SINC
 - Ancient woodland

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0	25/04/2019	For Issue	VW	NS	LG	SH
Rev.	Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd

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Project
 Southampton to London Pipeline Project

Drawing title
 ENVIRONMENTAL STATEMENT
 HEDGEROWS - DESK STUDY AND
 FIELD SURVEY RESULTS
 APFP Reg. (2009) 5(2)(l)

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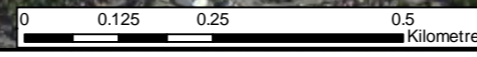
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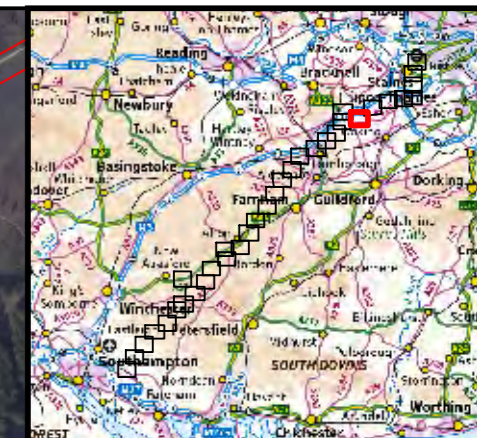
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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
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- South Downs National Park
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- Sheet displays part of Section F

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Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd
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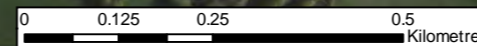
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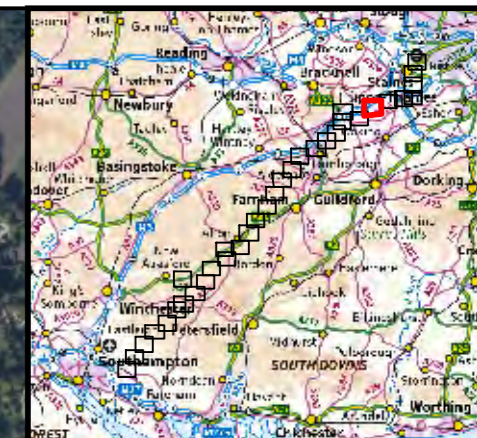
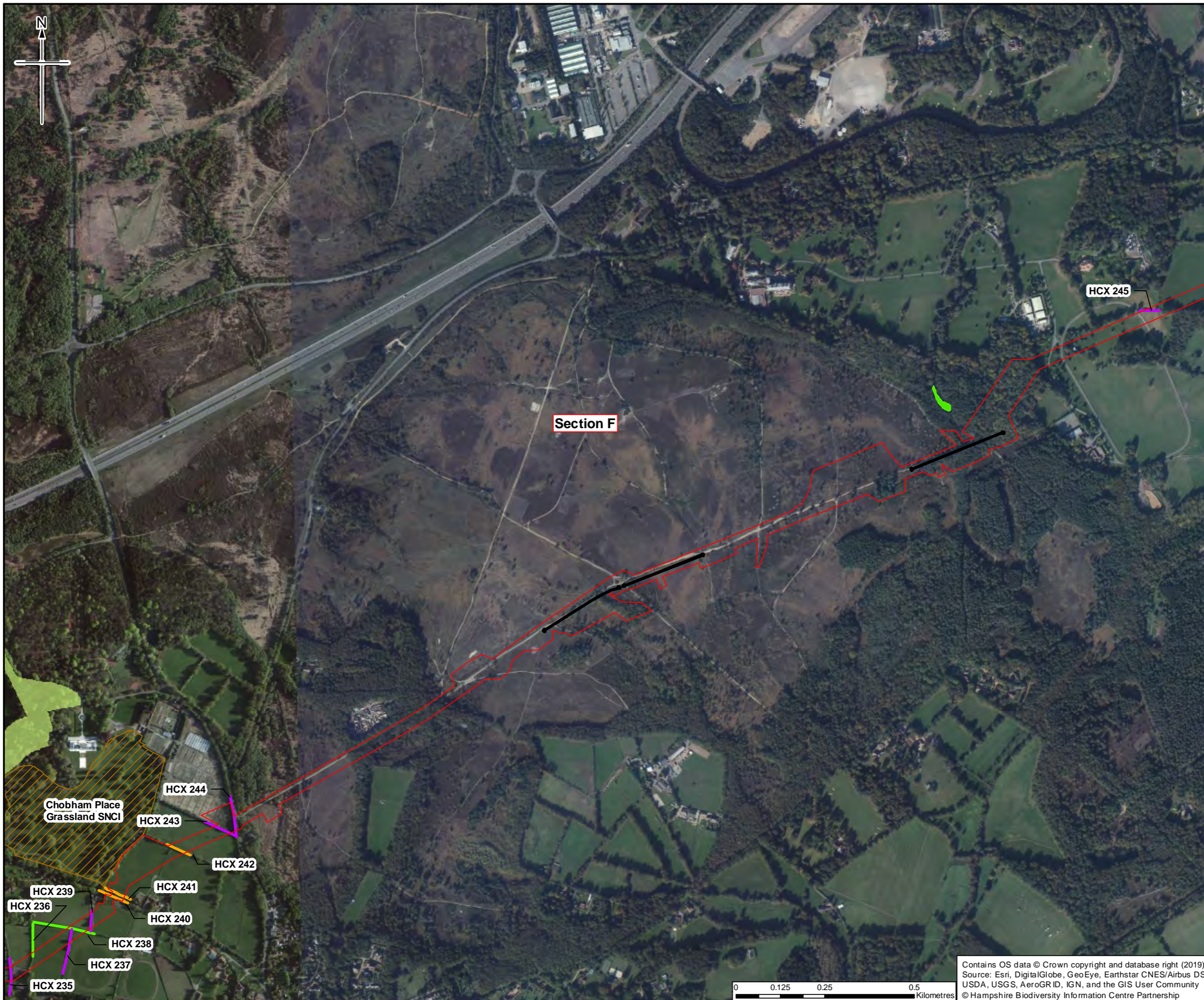
Project
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Drawing title
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 HEDGEROWS - DESK STUDY AND
 FIELD SURVEY RESULTS
 APFP Reg. (2009) 5(2)(l)

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- Legend**
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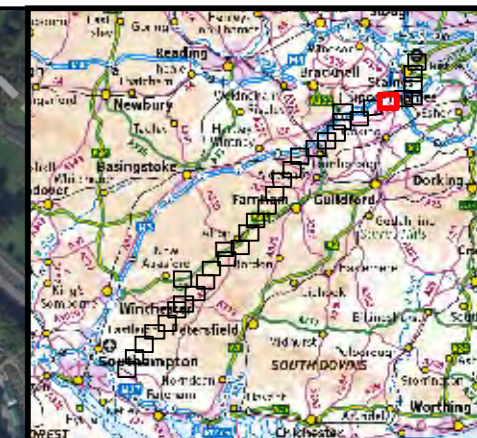
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 Leatherhead,
 Surrey,
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 HEDGEROWS - DESK STUDY AND
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- Legend**
- Order Limits
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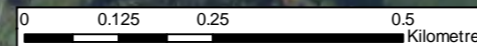
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 Surrey,
 KT22 8UX

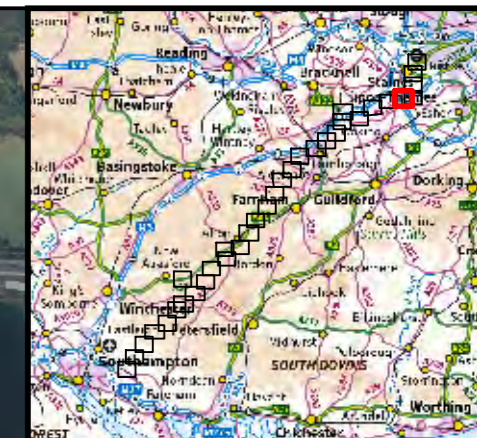
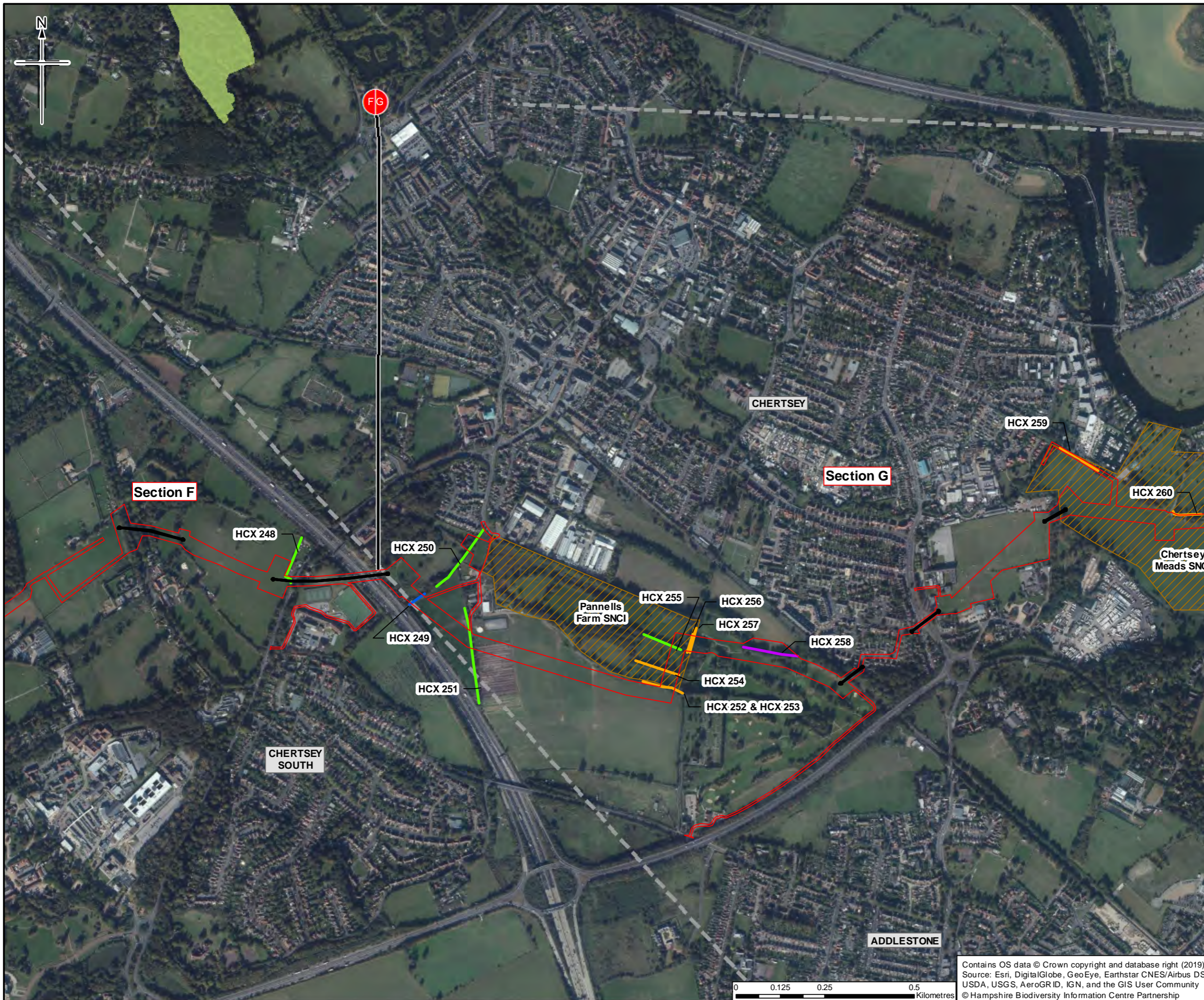
Project
 Southampton to London Pipeline Project

Drawing title
 ENVIRONMENTAL STATEMENT
 HEDGEROWS - DESK STUDY AND
 FIELD SURVEY RESULTS
 APFP Reg. (2009) 5(2)(l)

Drawing Status	For Issue	
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Jacobs No.	B2325300	
ProjectWise No.	B2325300-JAC-000-ENV-DRG-001065	
Drawing number	Figure A7.2.1 Sheet 29 of 34	Rev 0

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- Legend**
- Order Limits
 - Section break
 - Section break
 - Trenchless crossing
- Protected Species**
- ◆ Bat roost
 - Dormouse
 - Great Crested Newt
- Hedgerows**
- Important
 - Not Important
 - Unserved - likely not Important
 - Unserved - likely Important
 - Unserved but not likely to be affected by construction
- South Downs National Park
- Non-statutory designated sites SNCIs and SINCS
- Ancient woodland

Sheet displays parts of Section F and Section G

Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd
0	25/04/2019	For Issue	VW	NS	LG	SH

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 Southampton to London Pipeline Project

Drawing title
 ENVIRONMENTAL STATEMENT
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Scale	1:10,000 @ A3	DO NOT SCALE
Jacobs No.	B2325300	
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Drawing number	Figure A7.2.1 Sheet 30 of 34	Rev 0

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- Sheet displays parts of Section G and Section H

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Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd

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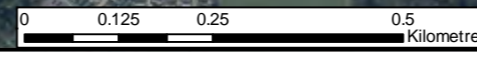
Project
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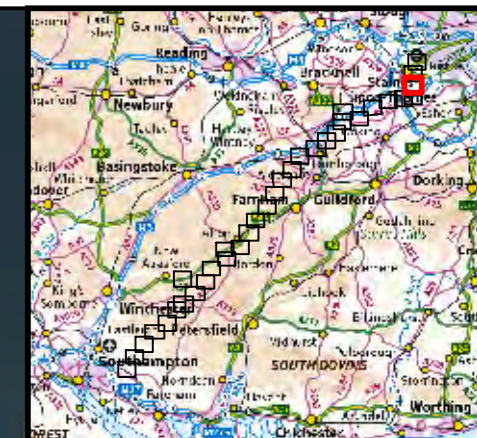
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 APFP Reg. (2009) 5(2)(l)

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Drawing number	Figure A7.2.1 Sheet 31 of 34	Rev	0
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- Sheet displays part of Section H

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Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd
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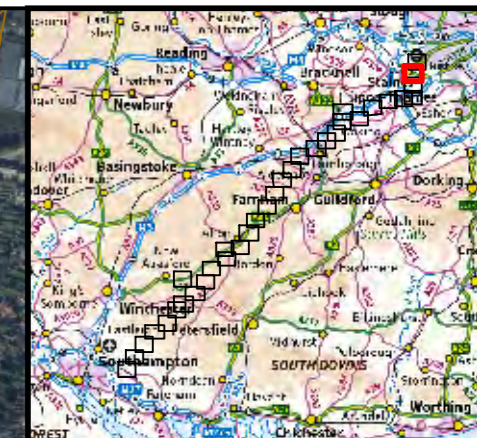
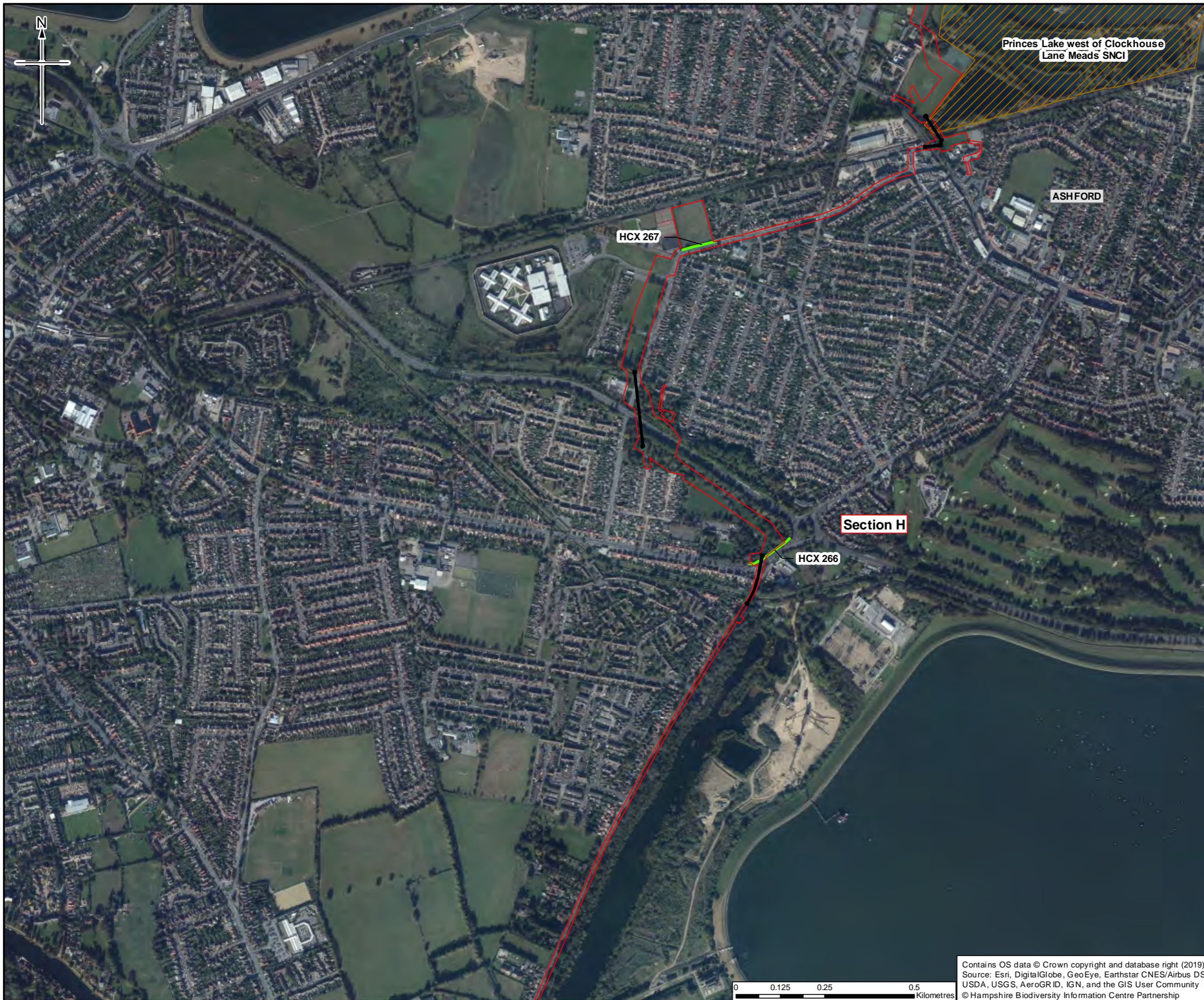
Client
 Esso Petroleum Company, Limited
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Project
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Drawing number	Figure A7.2.1 Sheet 32 of 34	Rev 0

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0	25/04/2019	For Issue	VW	NS	LG	SH
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd



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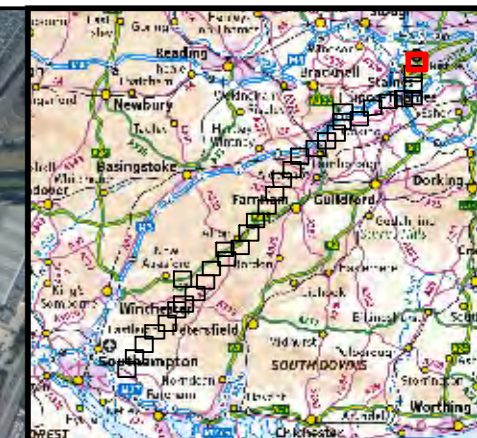


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Drawing number	Figure A7.2.1 Sheet 33 of 34	Rev 0

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