

The background image is a photograph of a coastal landscape. In the foreground, there are sandy dunes with sparse, dry, yellowish-brown grass and some small, dark shrubs. A path of sand leads from the bottom right towards the middle ground. The middle ground shows a wide, flat expanse of sand, possibly a beach or a salt flat, with some small pools of water or wet sand reflecting the sky. The horizon is flat and distant. The sky is filled with large, soft, grey clouds, suggesting an overcast day.

# **Outer Dowsing Offshore Wind**

## **Environmental Statement**

### **Chapter 19 Onshore Air Quality**

#### **Volume 2 Figures**

Date: February 2025

Document Reference: 6.2.19

Revision: 2.0

Company:		Outer Dowsing Offshore Wind		Asset:		Whole Asset	
Project:		Whole Wind Farm		Sub Project/Package:		Whole Asset	
Document Title or Description:		Chapter 19 Onshore Air Quality Figures					
Internal Document Number:		PP1-ODOW-DEV-CS-FIG-0019_02		3 <sup>rd</sup> Party Doc No (If applicable):		N/A	
Rev No.	Date	Status / Reason for Issue	Author	Checked by	Reviewed by		Approved by
1.0	March 2024	DCO Application	SLR	SLR	Shepherd & Wedderburn		Outer Dowsing
2.0	February 2025	Examination Update	SLR	SLR	Shepherd & Wedderburn		Outer Dowsing

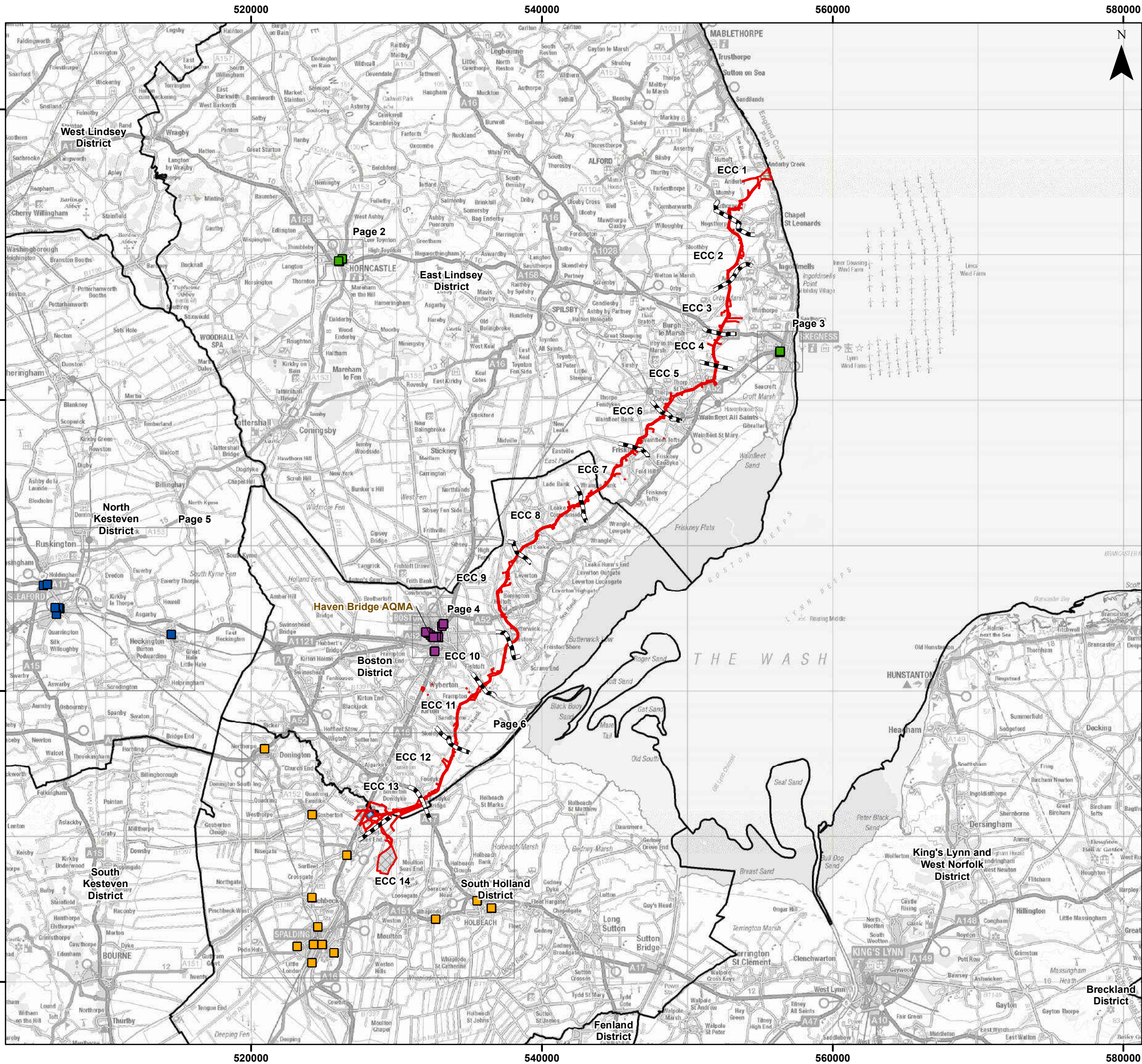
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- Figure 19.3 Assessment of Ecological Designations in relation to Proposed Construction haul Routes on the Public Road Network (document reference 6.2.19.3)
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- Figure 19.5 Vessel Emissions Affected Areas (document reference 6.2.19.5)

## Change Log

- Figures 19.1 – 19.5 inclusive, have been updated to reflect refinements to the Project Order Limits made during Examination.





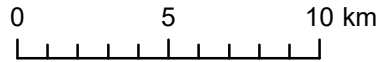
## Legend

- Order Limits
- Onshore Segment Break
- Onshore Substation (OnSS) Footprint
- Landfall Trenchless Works Area
- Transition Joint Bay Area
- Connection Area
- Boston Borough Council Monitor
- East Lindsey District Council Monitor
- North Kesteven District Council Monitor
- South Holland District Council Monitor
- Air Quality Management Area (AQMA)
- Local Authority Boundary

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Air Quality Monitoring Locations  
Overview  
Figure 19.1.1



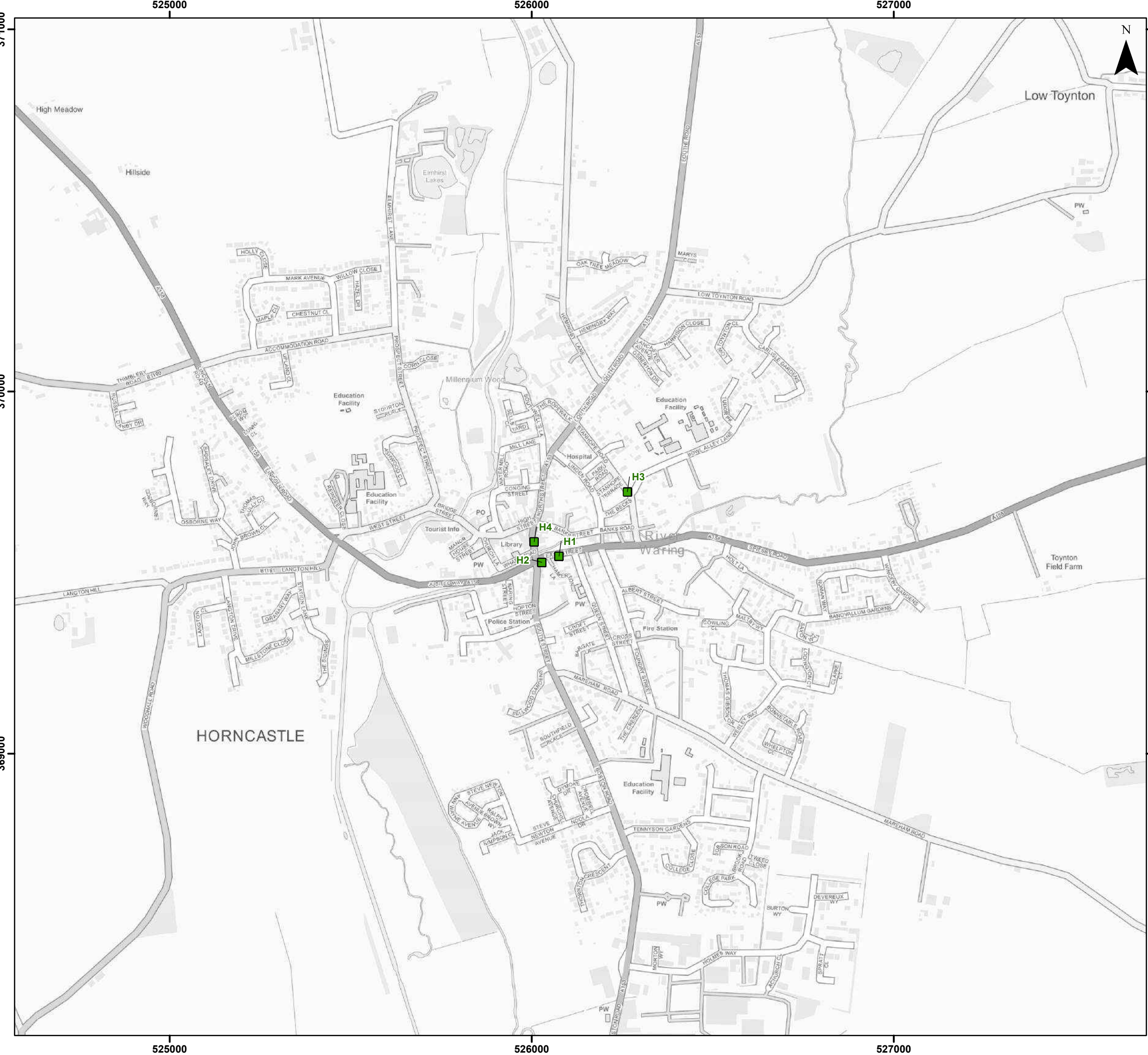
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**Legend**

■ East Lindsey District Council Monitor

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■ East Lindsey District Council Monitor

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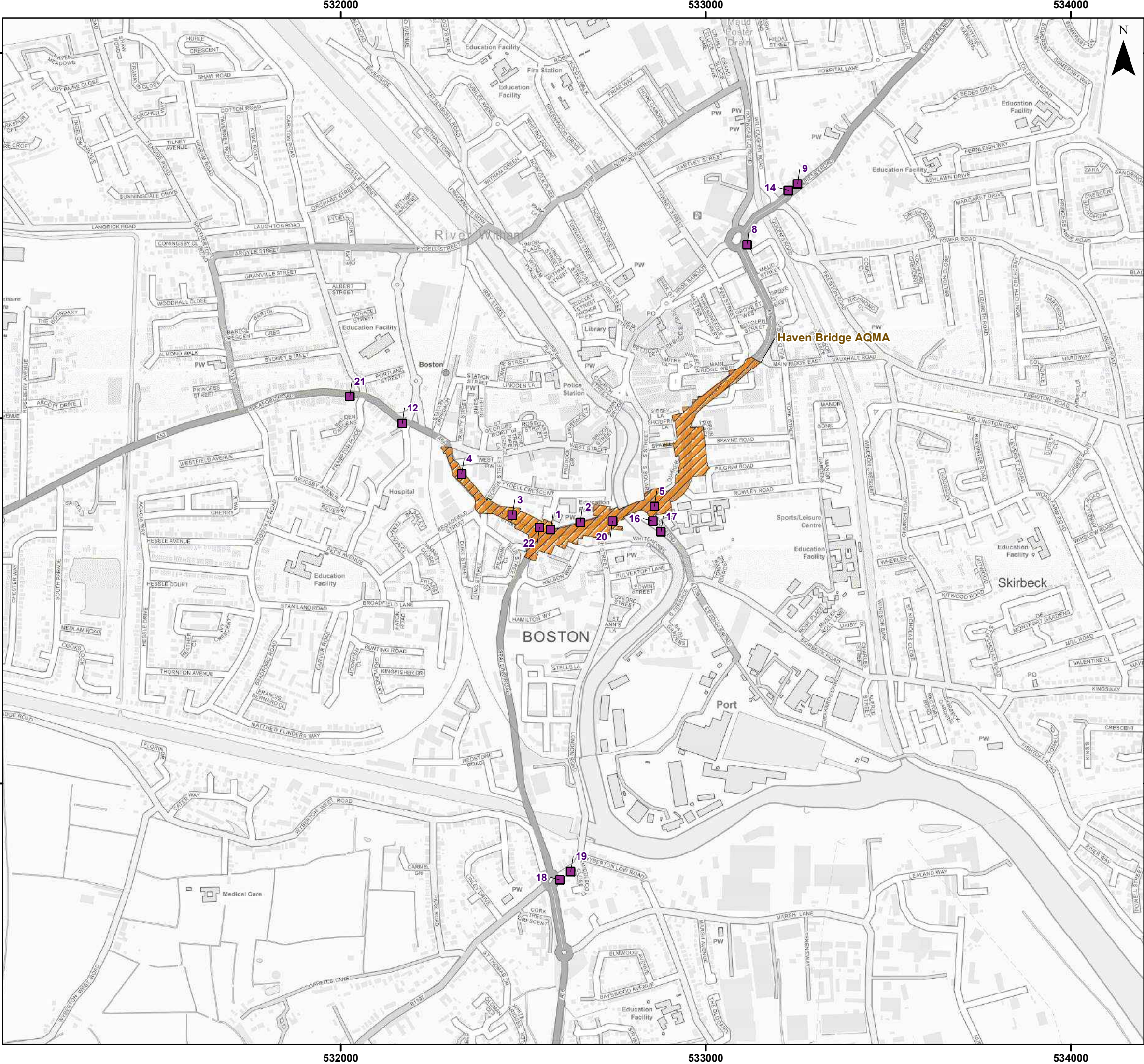
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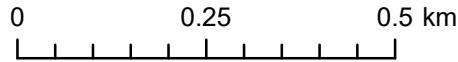
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-  Boston Borough Council Monitor
-  Air Quality Management Area (AQMA)

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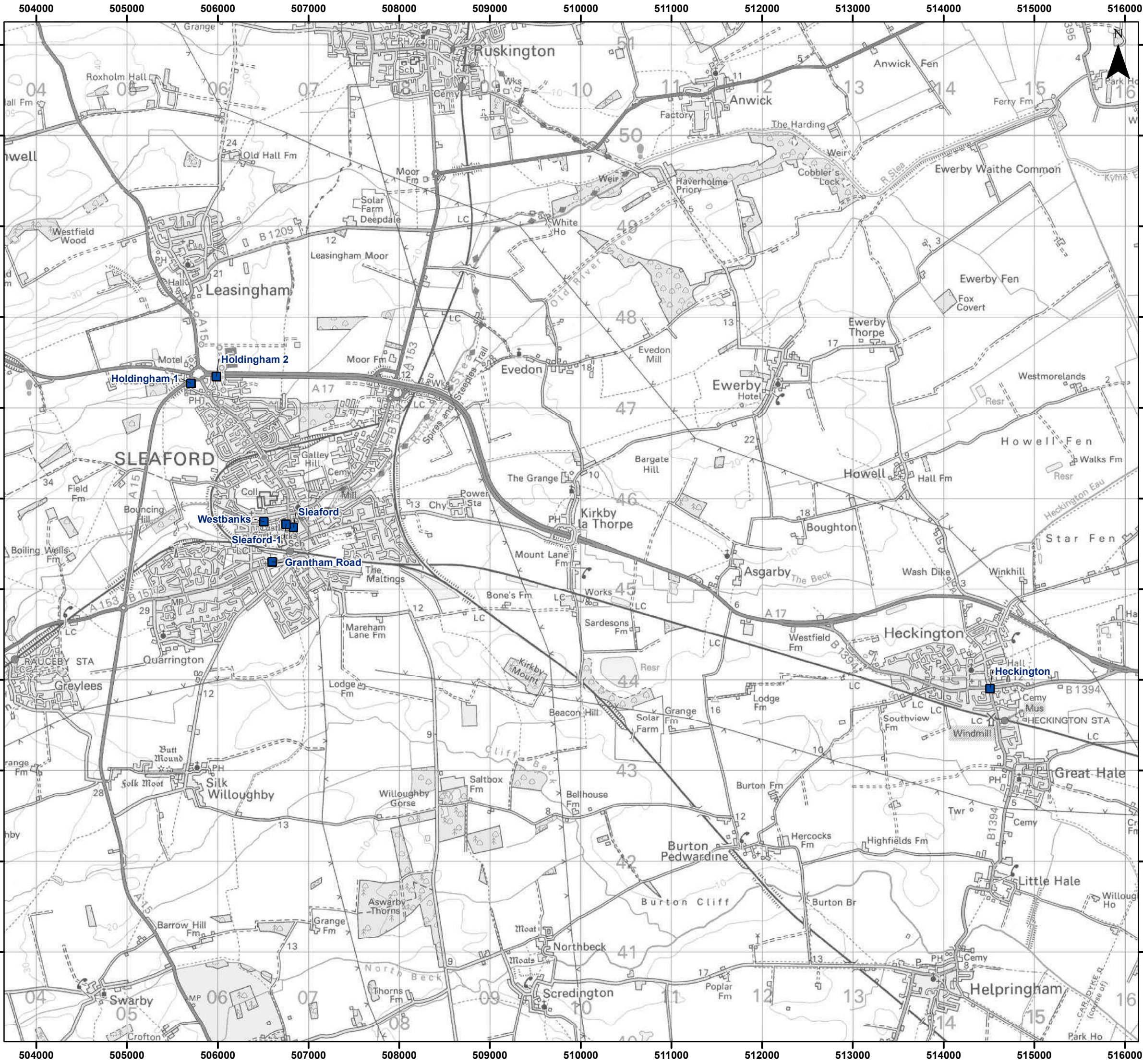


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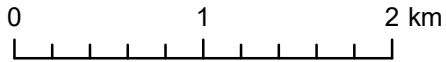
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■ North Kesteven District Council Monitor

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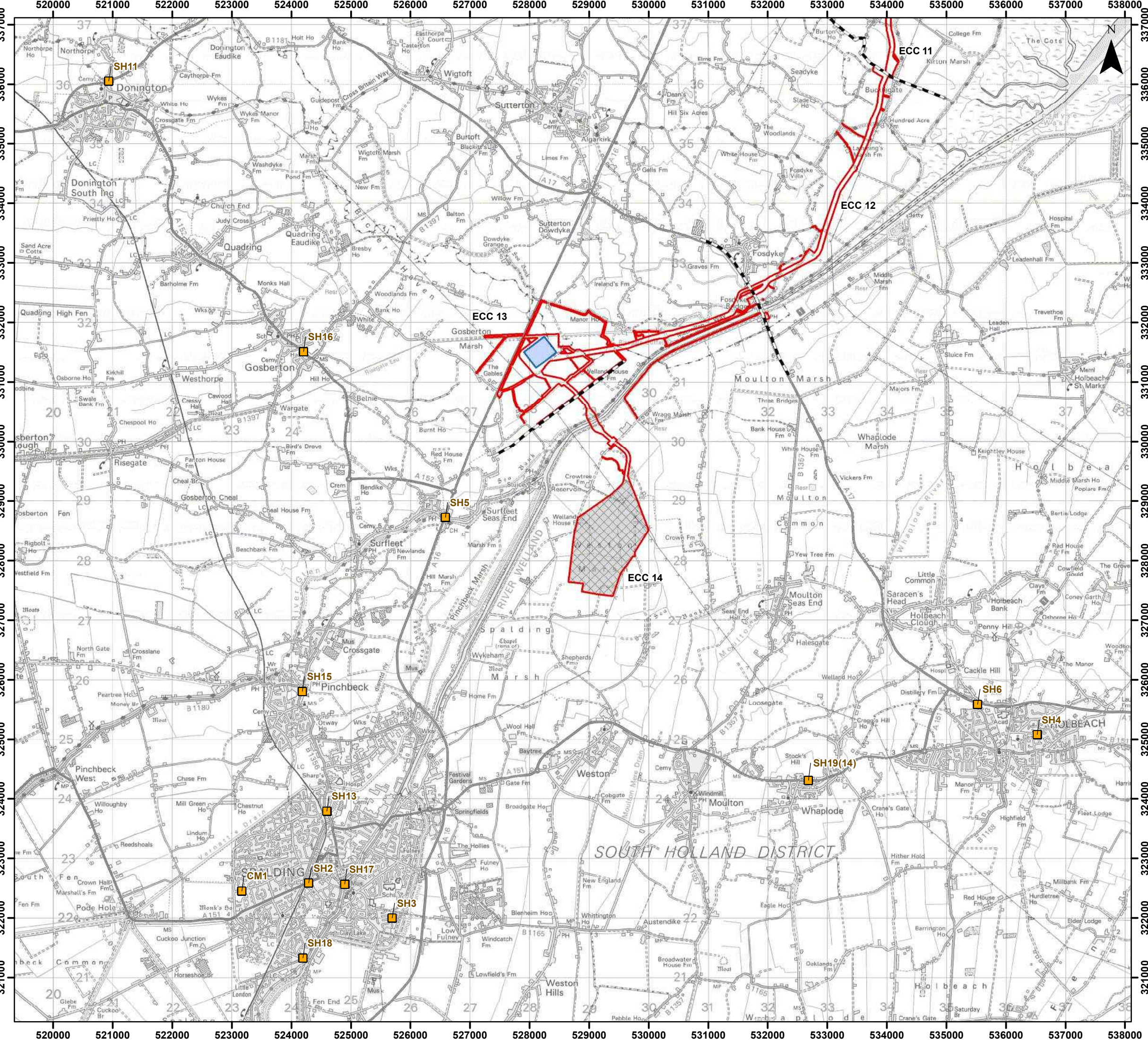


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**Legend**

- Order Limits
- Onshore Segment Break
- Onshore Substation (OnSS) Footprint
- Connection Area
- South Holland District Council Monitor

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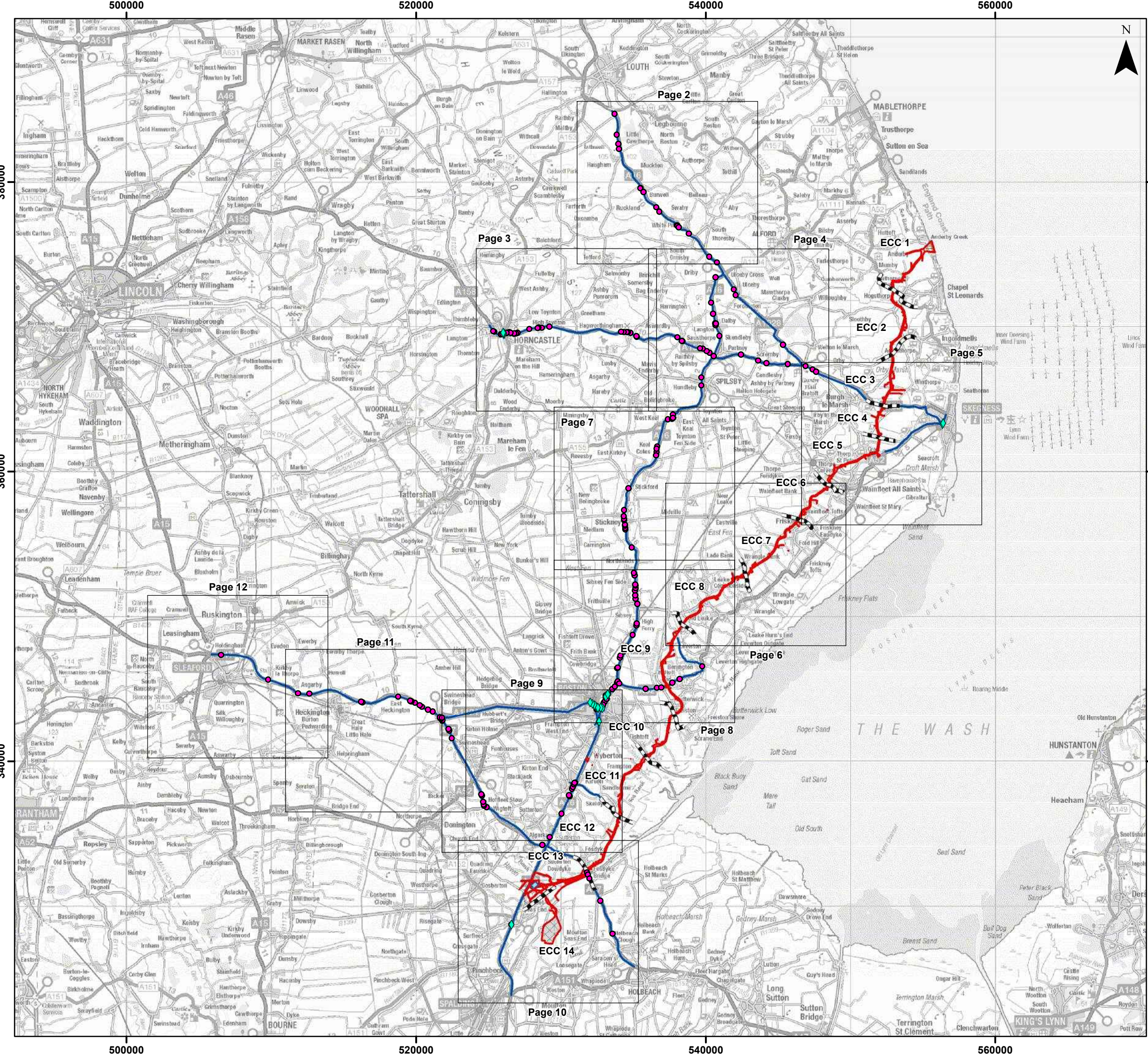
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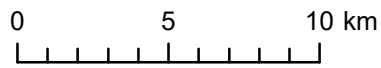
## Legend

- Order Limits
- Onshore Segment Break
- Onshore Substation (OnSS) Footprint
- Landfall Trenchless Works Area
- Transition Joint Bay Area
- Connection Area
- Modelled Road Network
- Modelled Human Receptor
- Verification Monitoring Location
- Air Quality Management Area (AQMA)

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Modelled Road Network and Human Receptors  
Overview  
Figure 19.2.1



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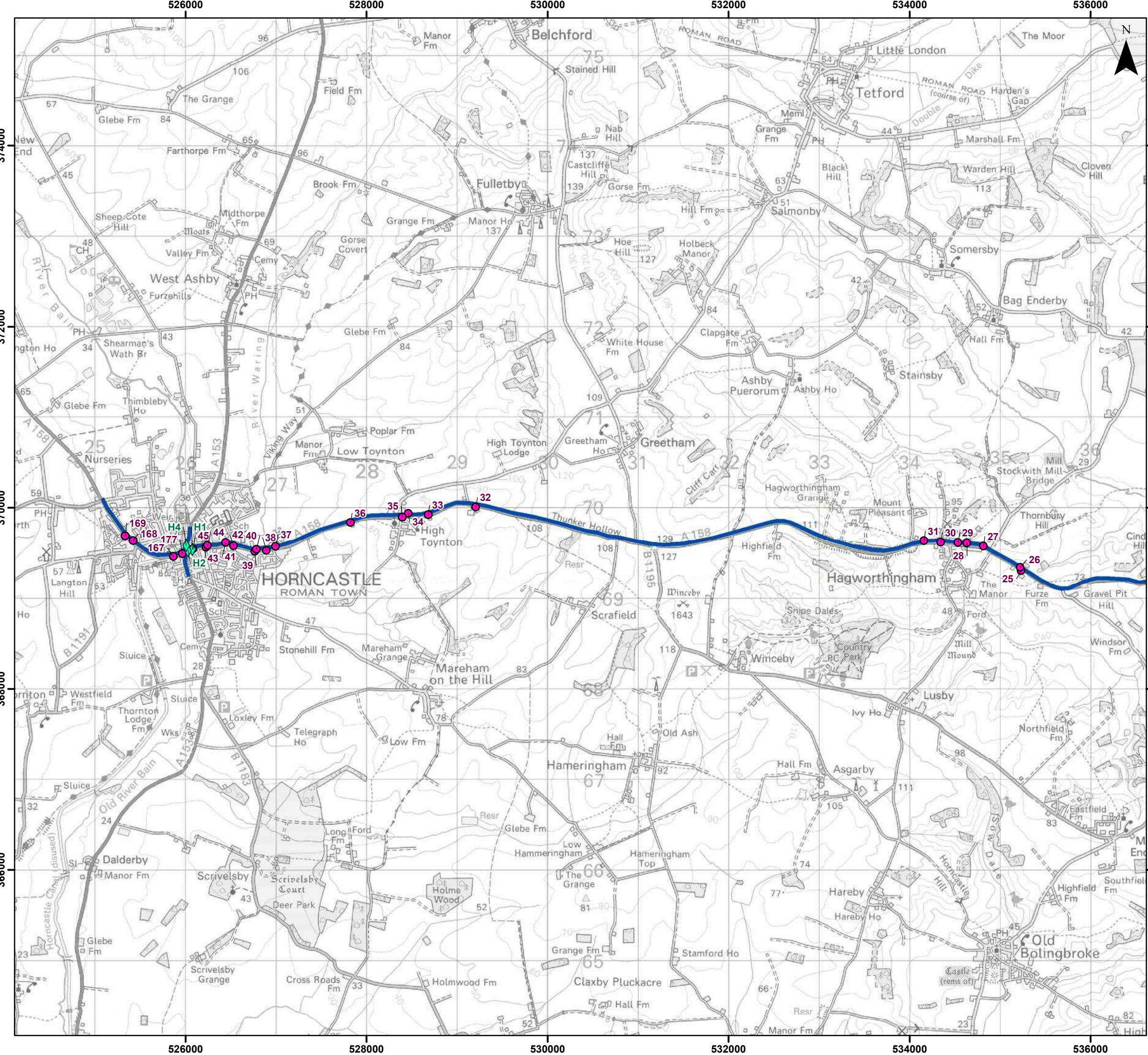
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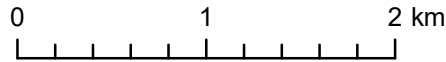
**Legend**

- Modelled Road Network
- Modelled Human Receptor
- Verification Monitoring Location

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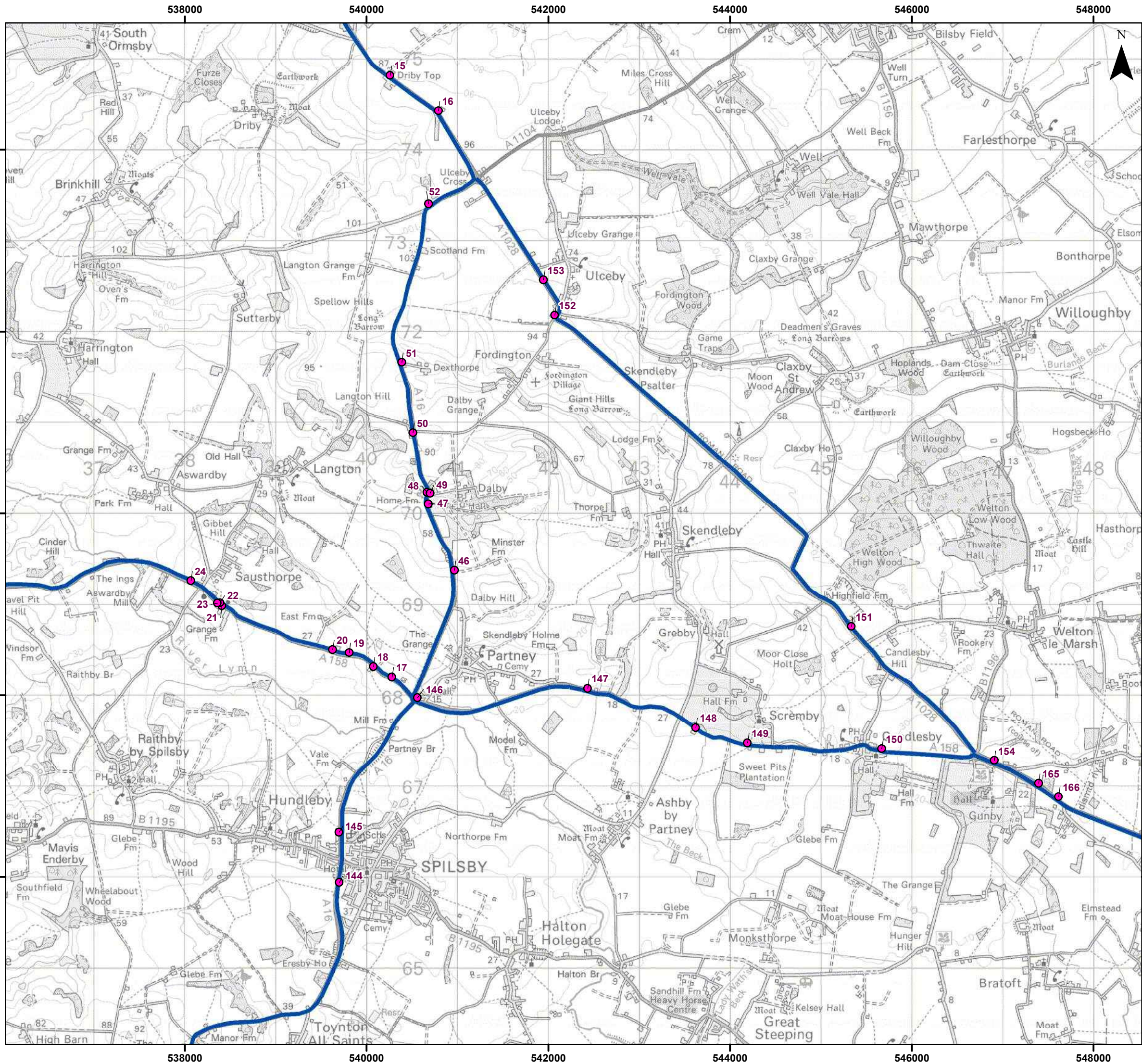
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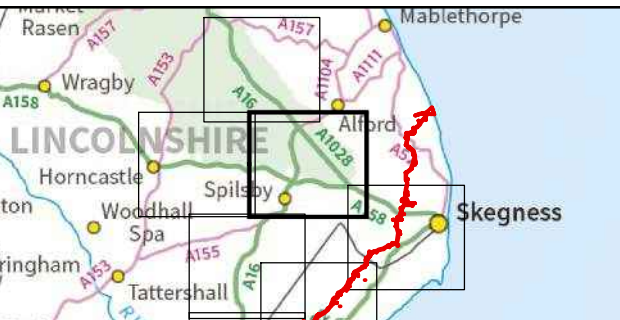




**Legend**

- Modelled Road Network
- Modelled Human Receptor

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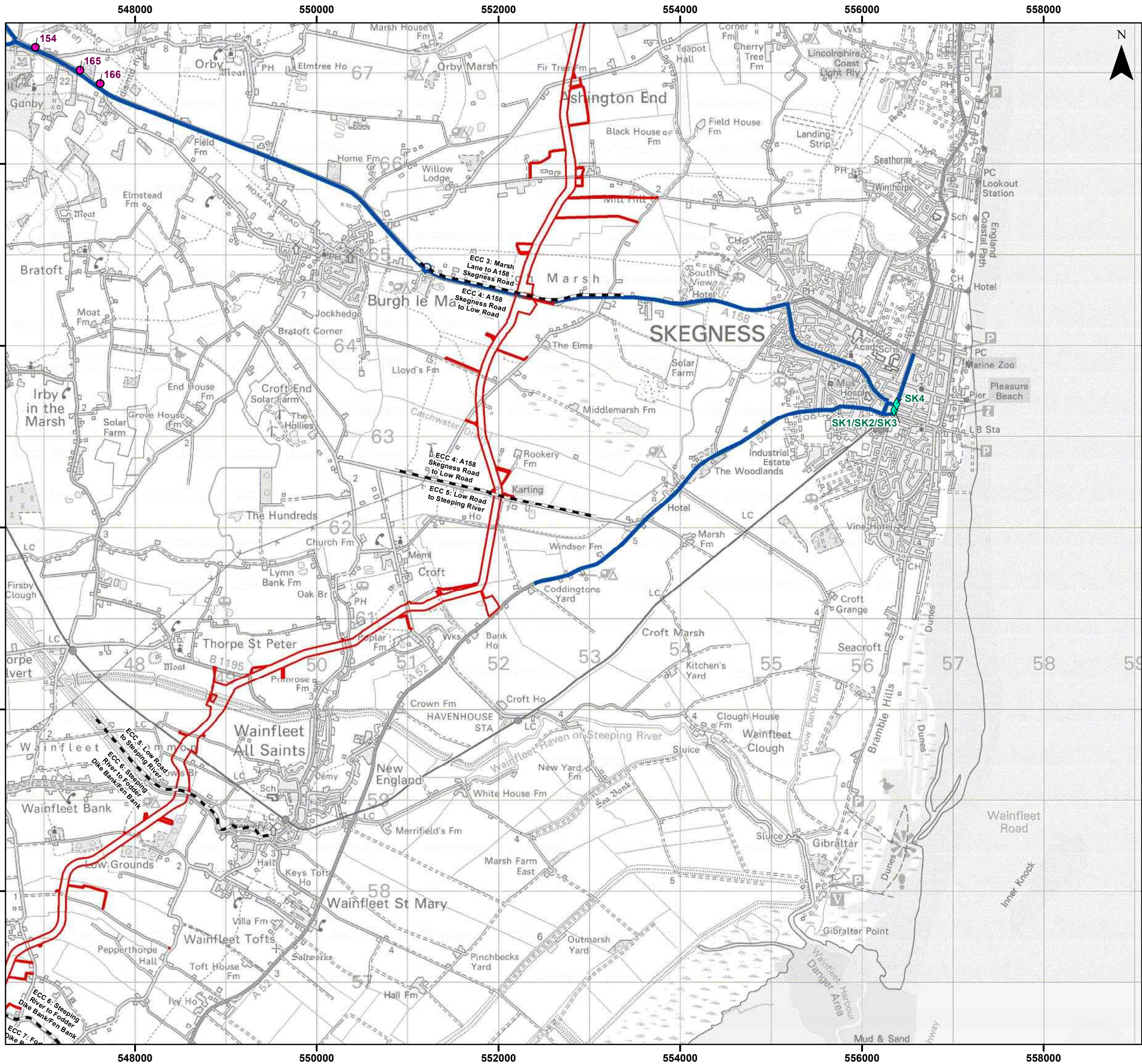


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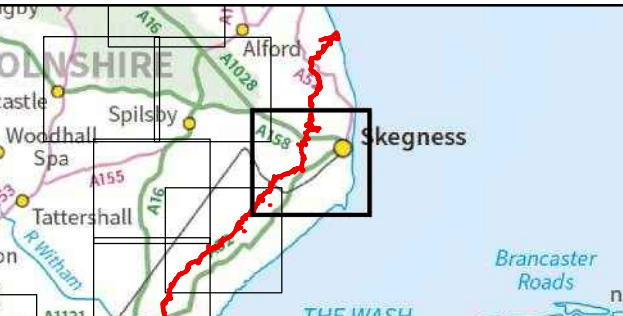




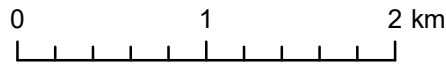
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- Order Limits
- Onshore Segment Break
- Modelled Road Network
- Modelled Human Receptor
- ◆ Verification Monitoring Location

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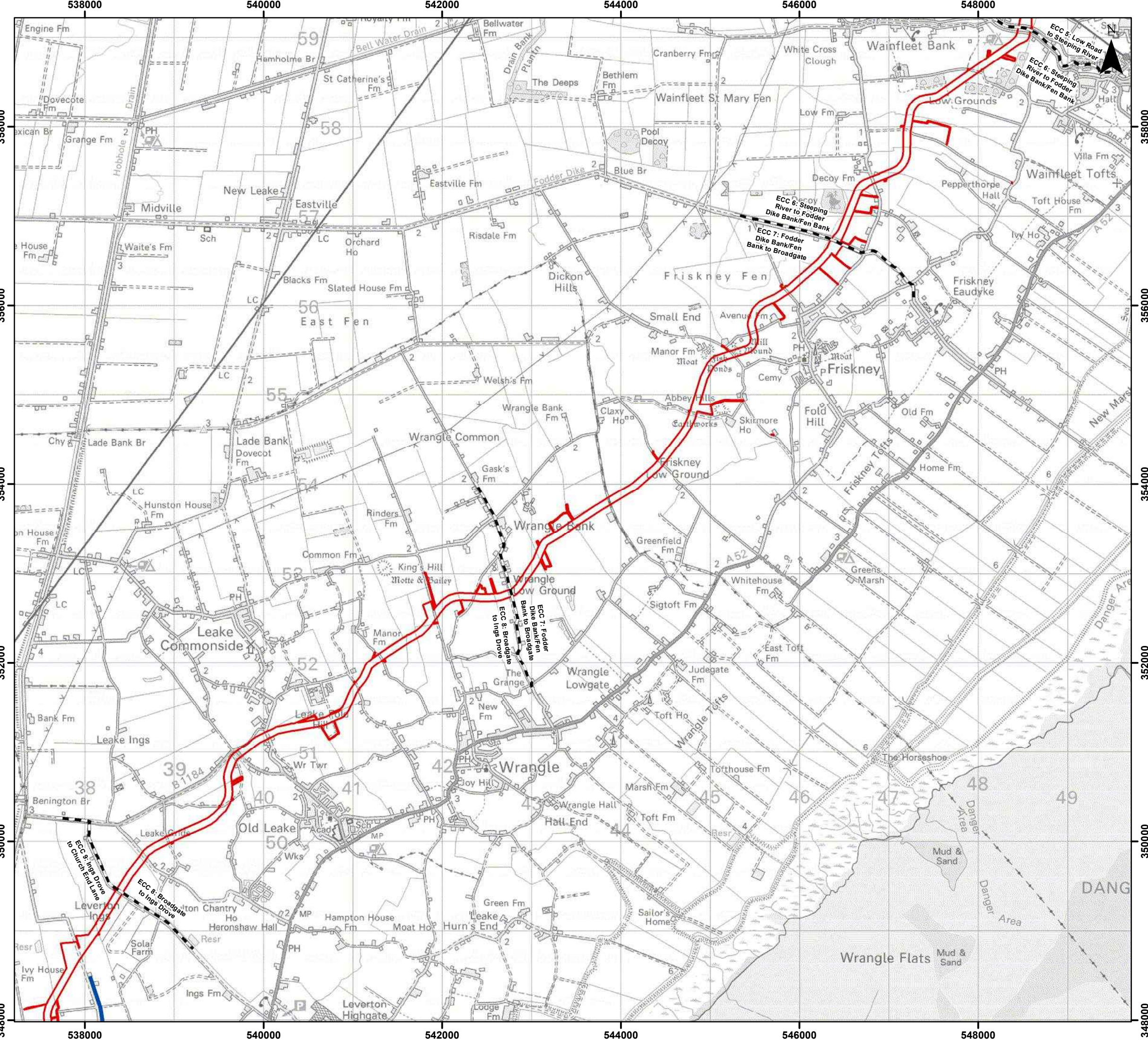
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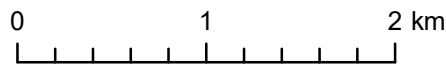
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- Order Limits
- - - Onshore Segment Break
- Modelled Road Network

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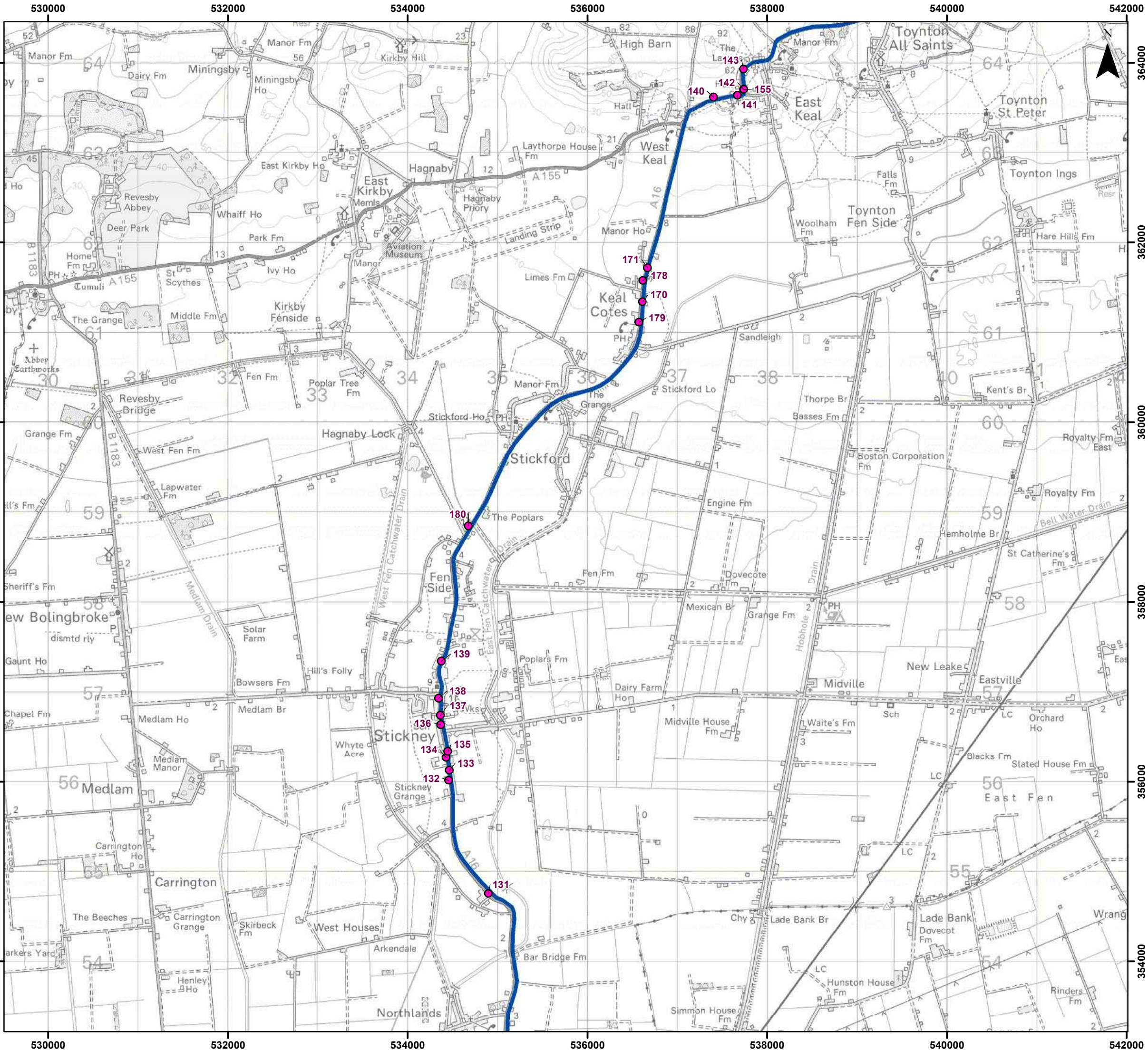
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## Legend

- Modelled Road Network
- Modelled Human Receptor

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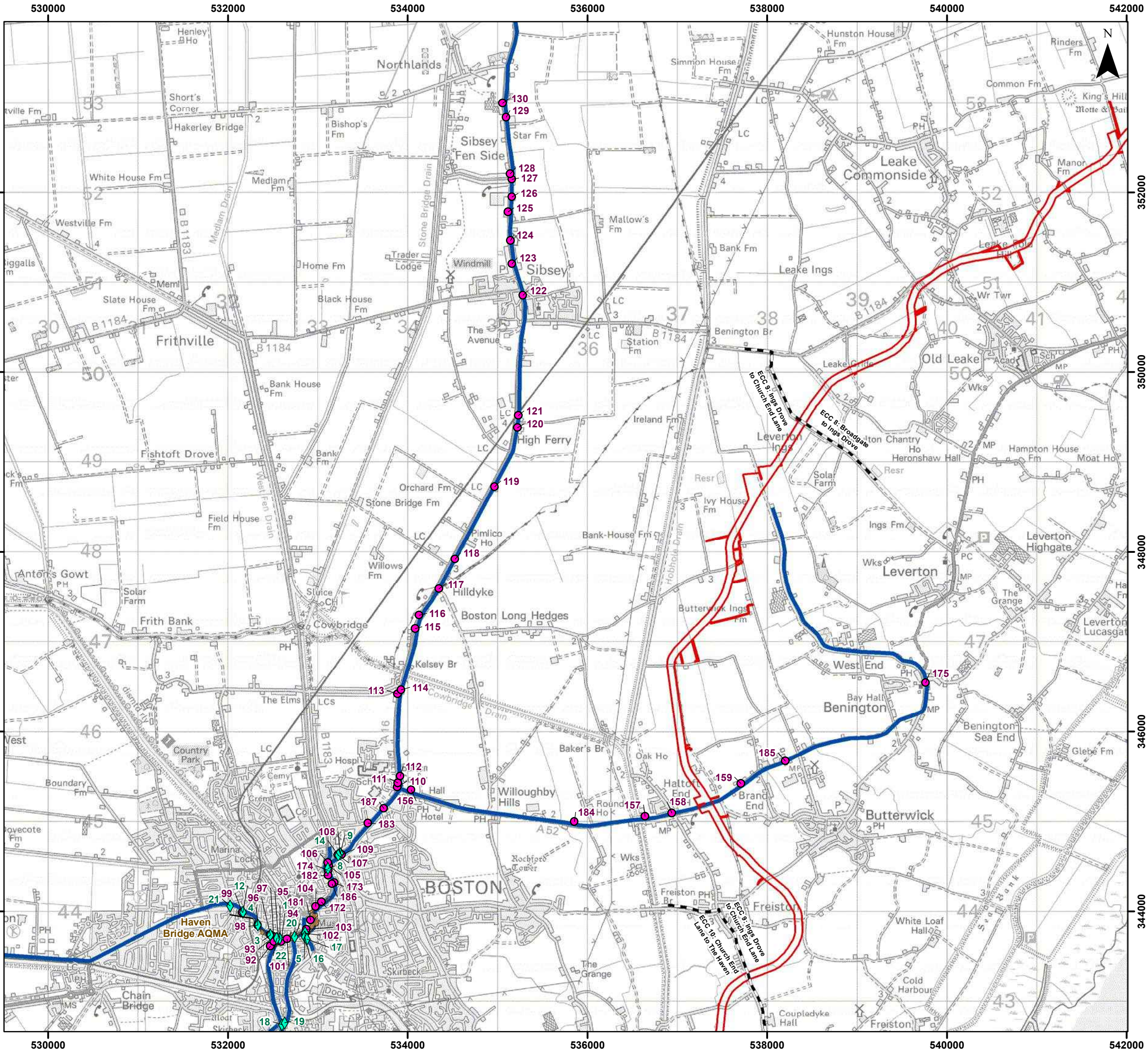
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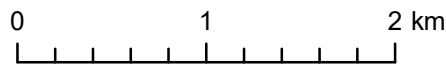
**Legend**

- Order Limits
- Onshore Segment Break
- Modelled Road Network
- Modelled Human Receptor
- Verification Monitoring Location
- Air Quality Management Area (AQMA)

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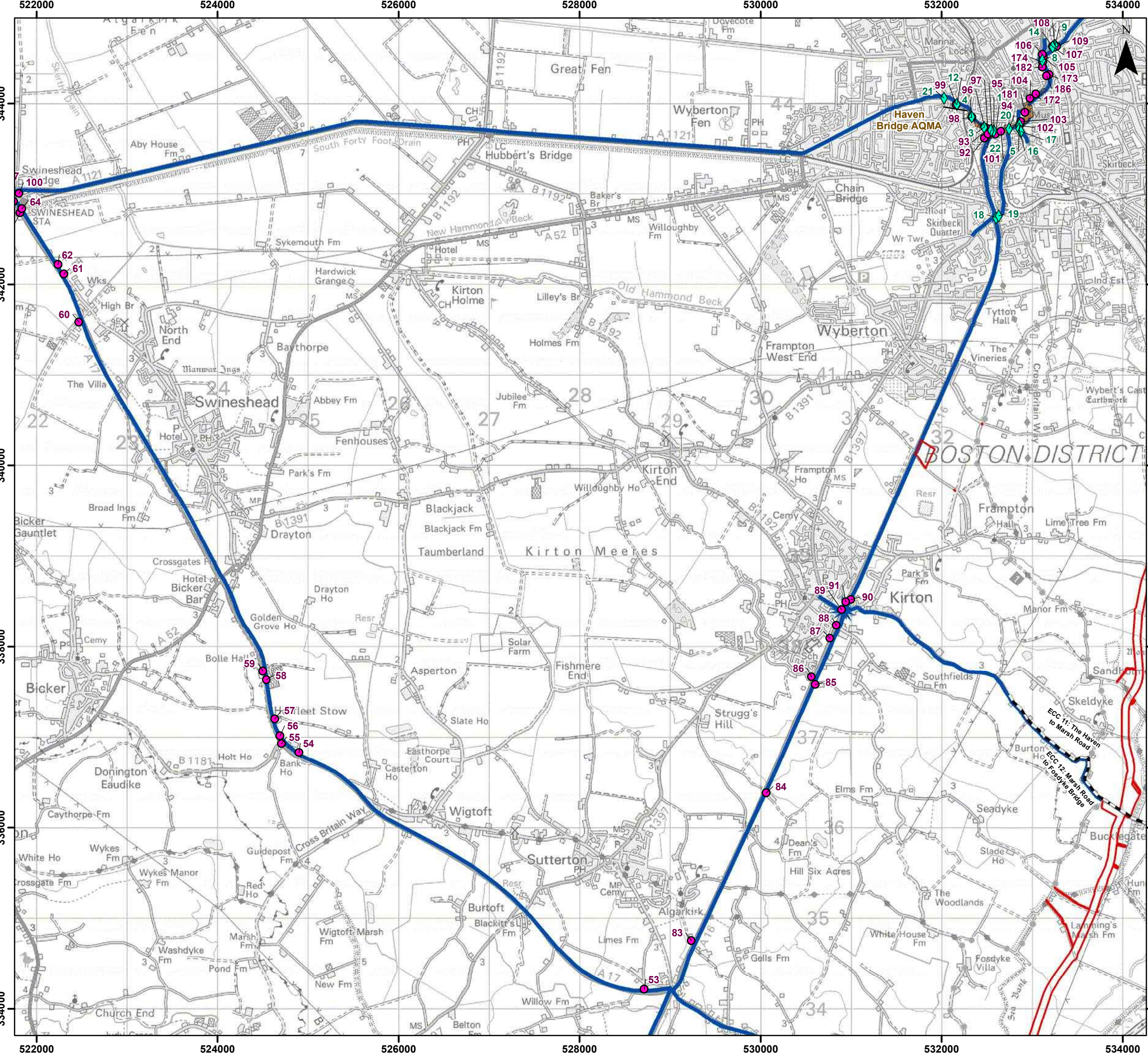
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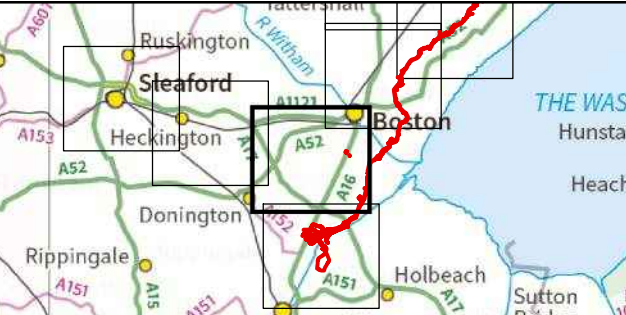




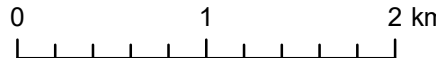
**Legend**

- Order Limits
- Onshore Segment Break
- Modelled Road Network
- Modelled Human Receptor
- Verification Monitoring Location
- Air Quality Management Area (AQMA)

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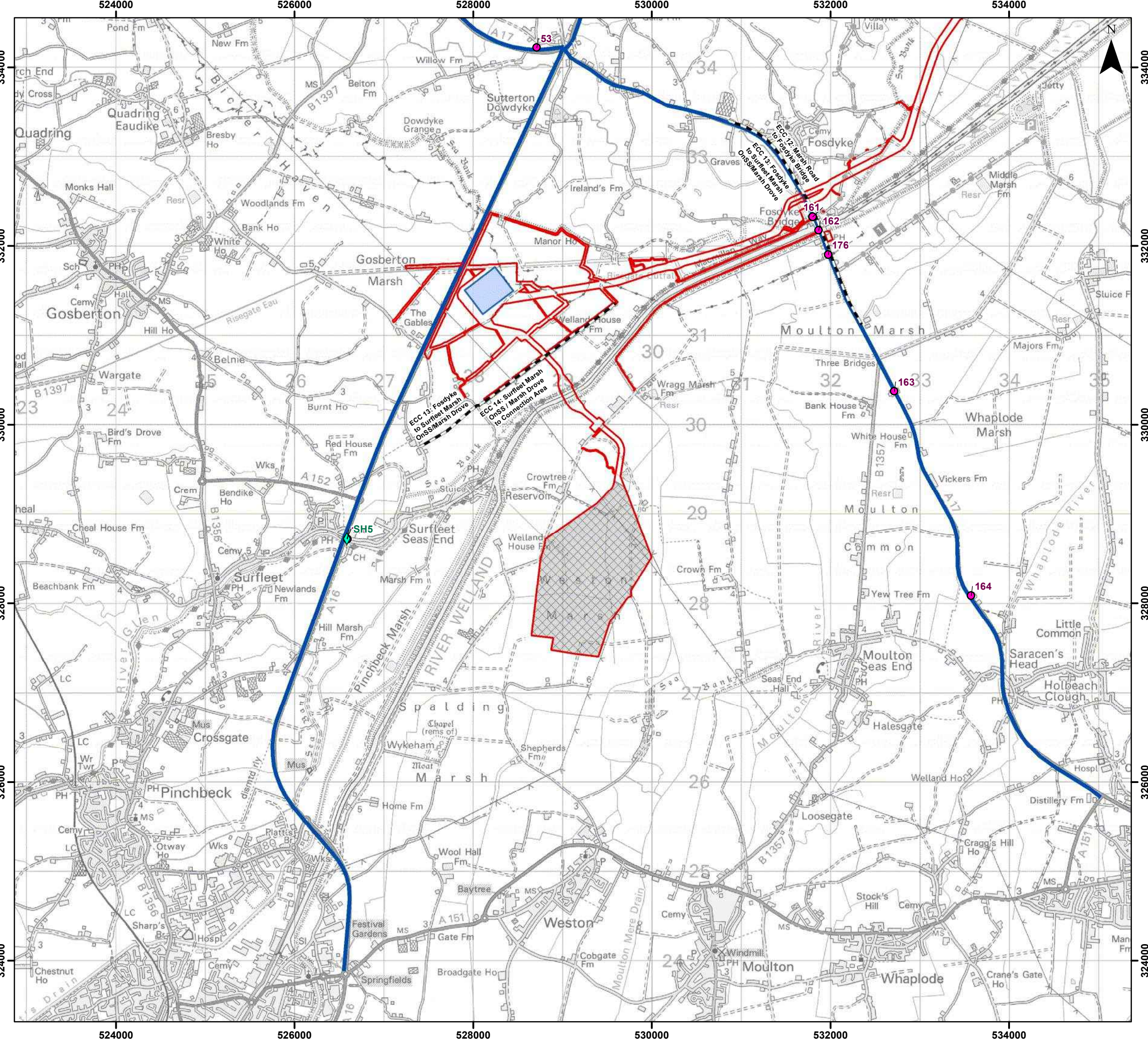
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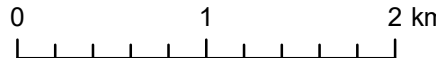
**Legend**

- Order Limits
- Onshore Segment Break
- Onshore Substation (OnSS) Footprint
- Connection Area
- Modelled Road Network
- Modelled Human Receptor
- ◆ Verification Monitoring Location

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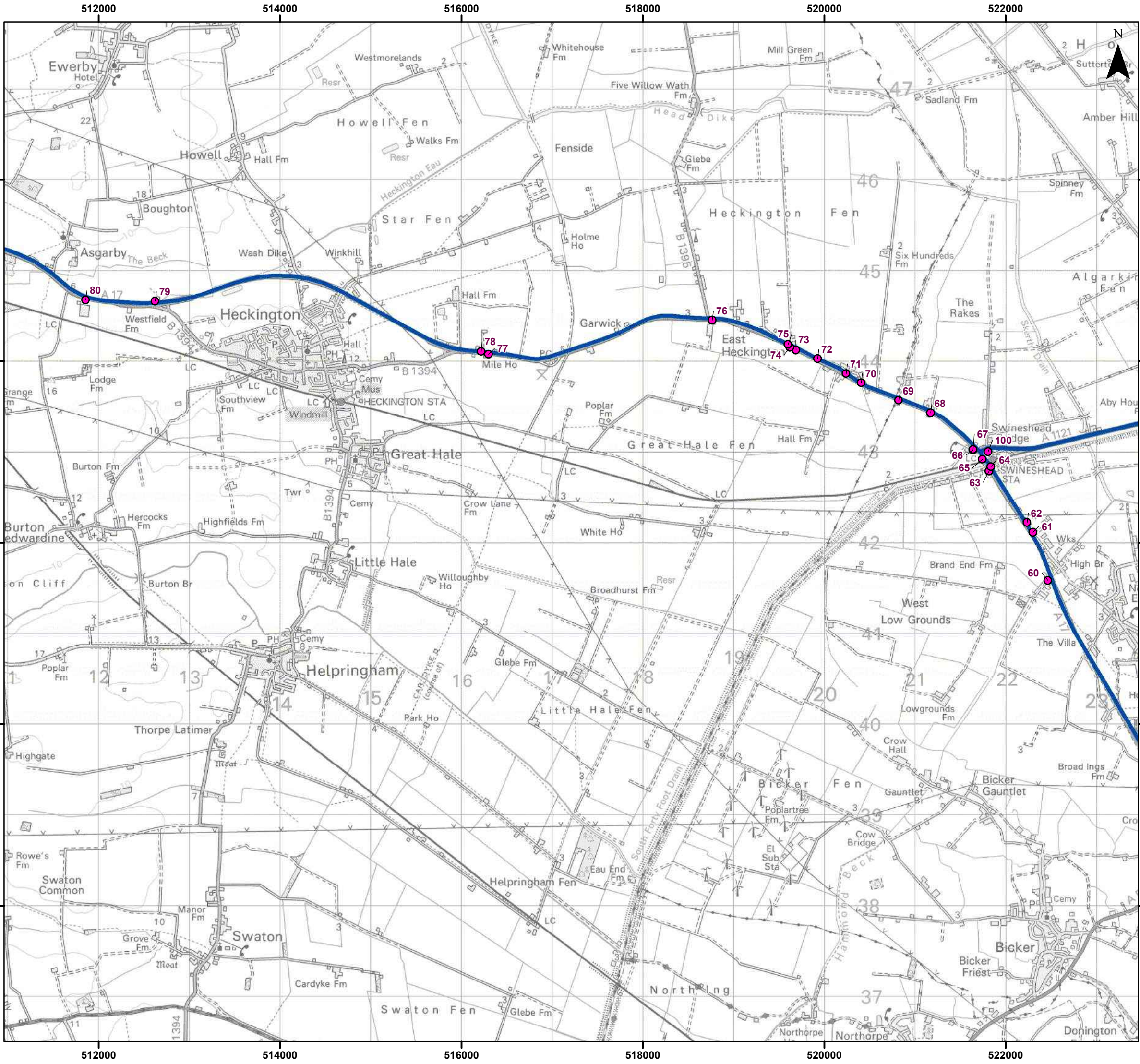


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## Legend

- Modelled Road Network
- Modelled Human Receptor

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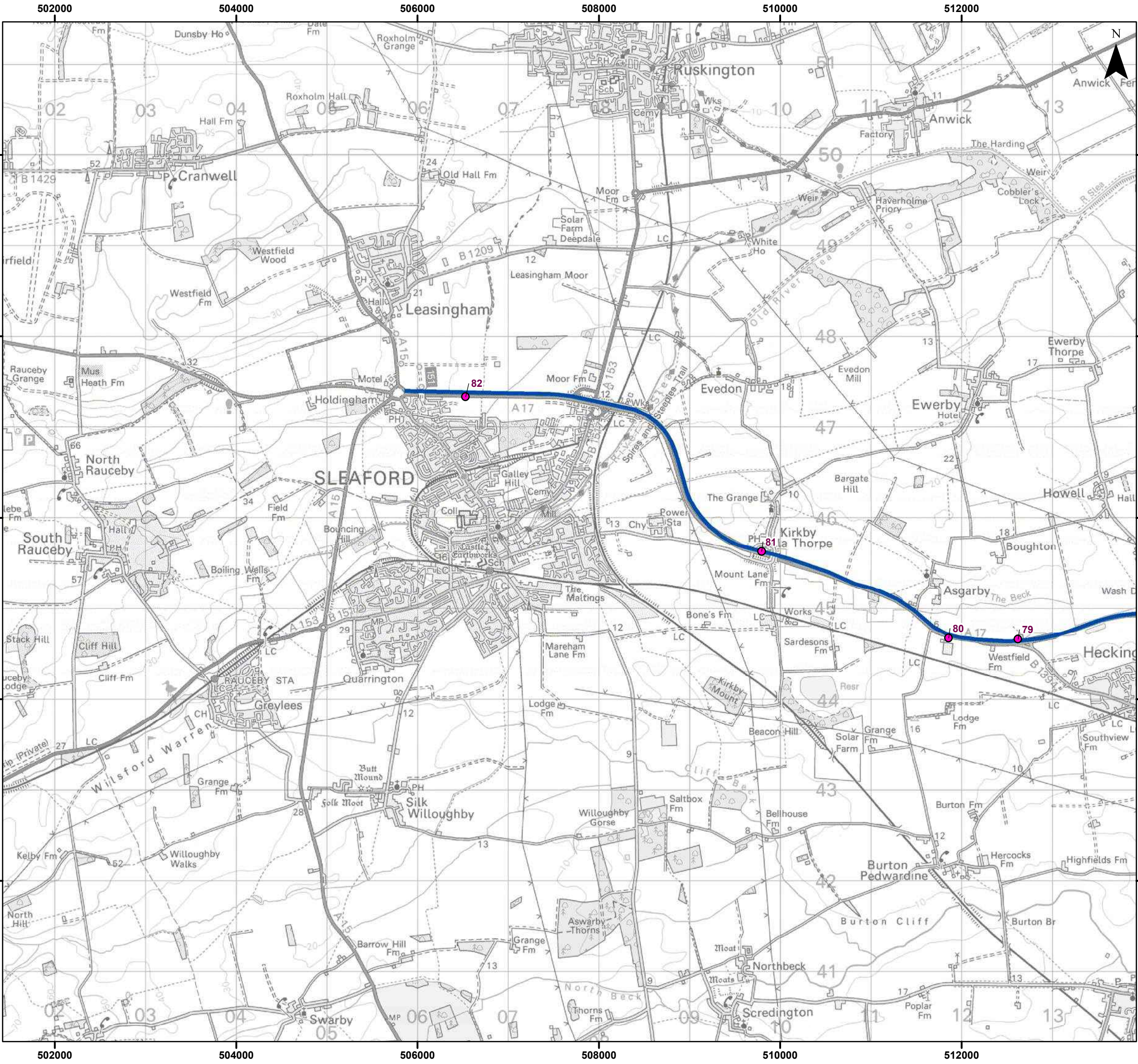


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**Legend**

- Modelled Road Network
- Modelled Human Receptor

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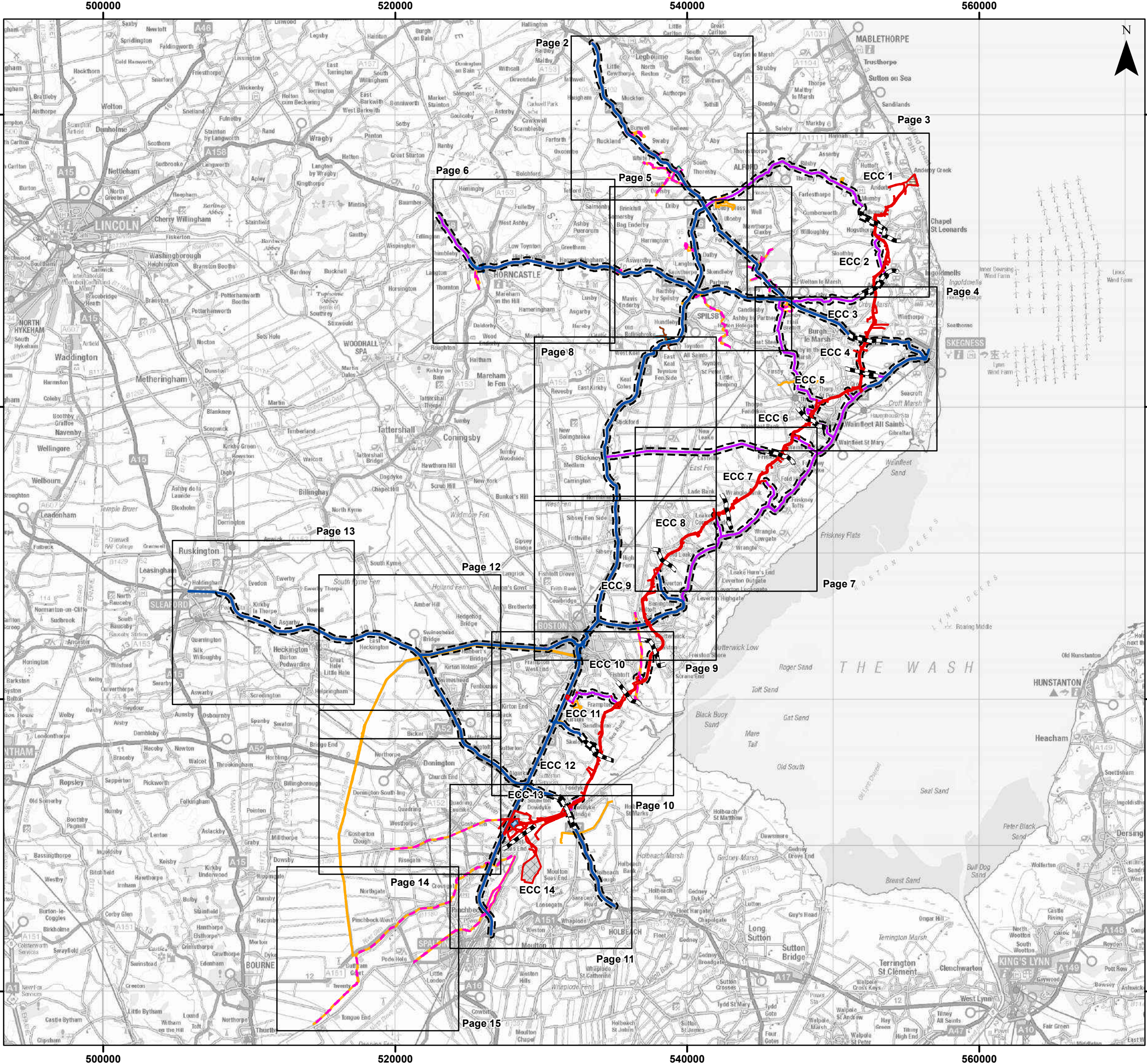


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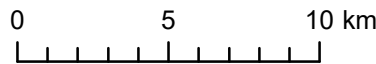
**Legend**

- Order Limits
- Onshore Segment Break
- Onshore Substation (OnSS) Footprint
- Landfall Trenchless Works Area
- Transition Joint Bay Area
- Connection Area
- Modelled Road Network
- Ecological Road Traffic Screening Route
- Modelled Ecological Site
- Site of Special Scientific Interest (SSSI)
- Local Nature Reserve (LNR)
- Local Wildlife Site (LWS)
- Local Wildlife Trust (LWT)

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Assessment of Ecological Designations in  
Relation to Proposed Construction Haul Routes  
on the Public Road Network  
Overview  
Figure 19.3.1

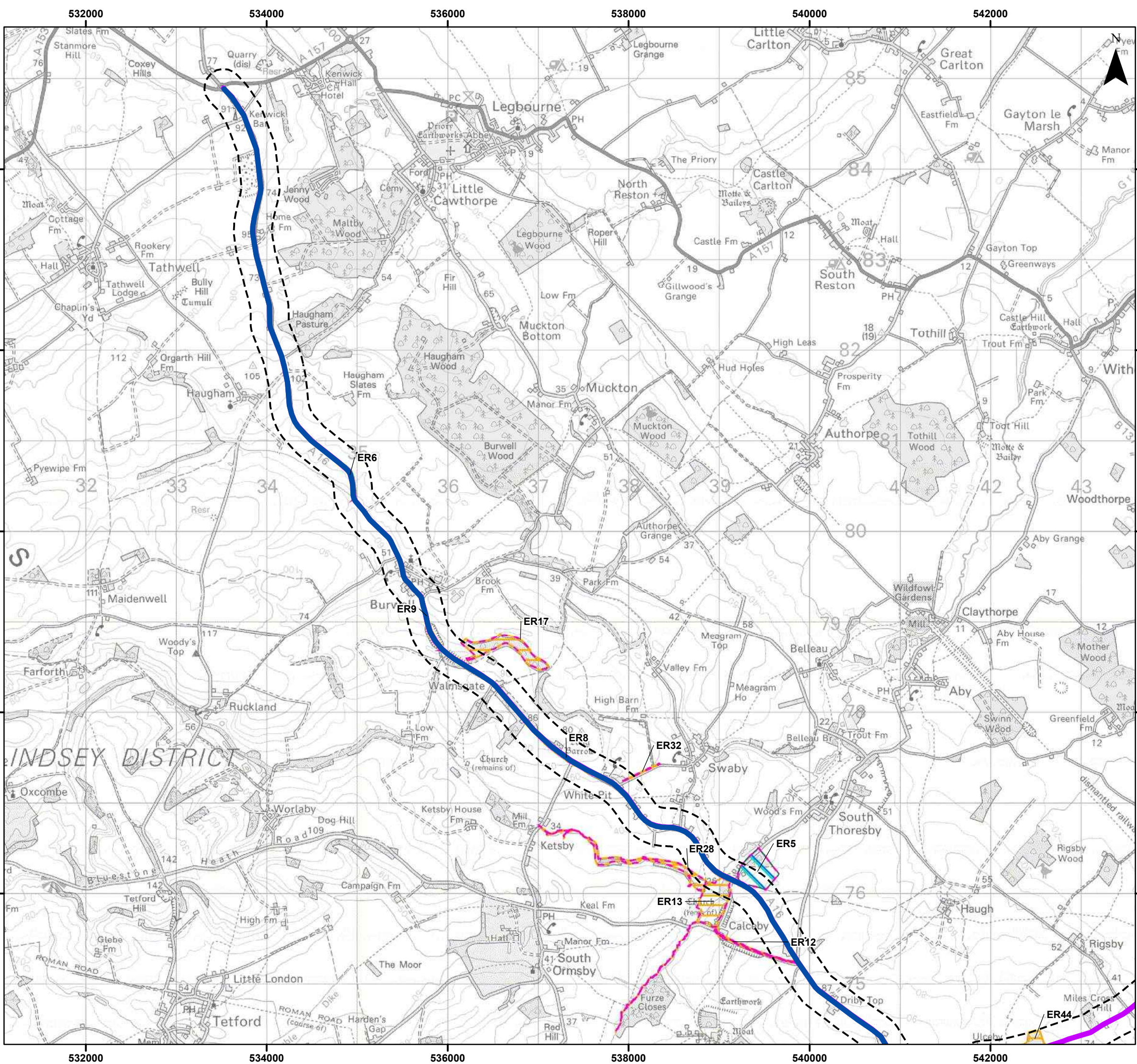


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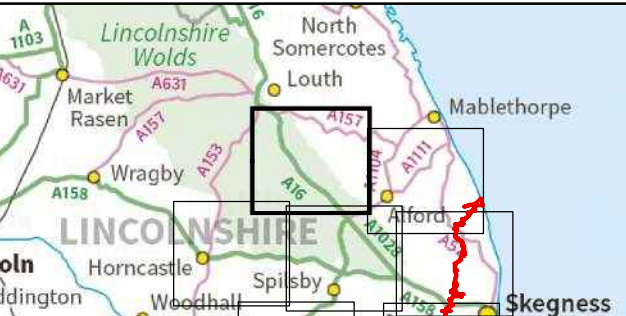




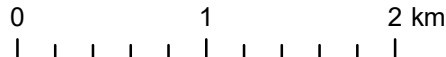
## Legend

- Modelled Road Network
- Ecological Road Traffic Screening Route
- Ecological Road Traffic Screening Routes 200 m Buffer
- Modelled Ecological Site
- Local Nature Reserve (LNR)
- Local Wildlife Site (LWS)

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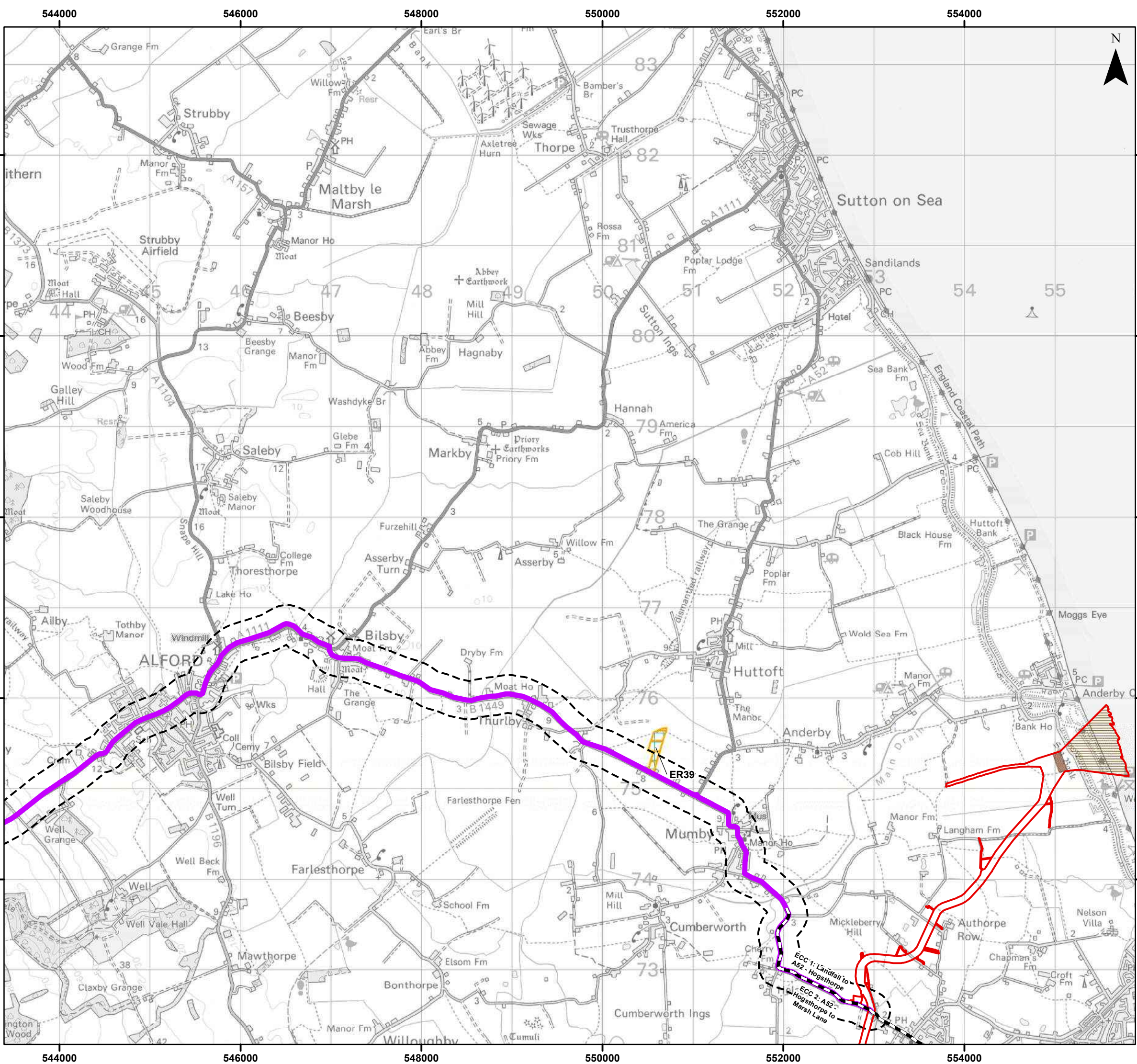


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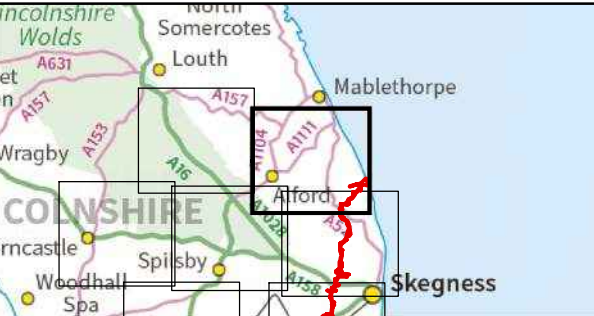




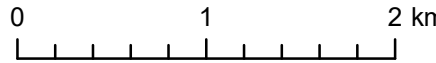
## Legend

- Order Limits
- Onshore Segment Break
- Landfall Trenchless Works Area
- Transition Joint Bay Area
- Ecological Road Traffic Screening Route
- Ecological Road Traffic Screening Routes 200 m Buffer
- Local Wildlife Site (LWS)
- Local Wildlife Trust (LWT)

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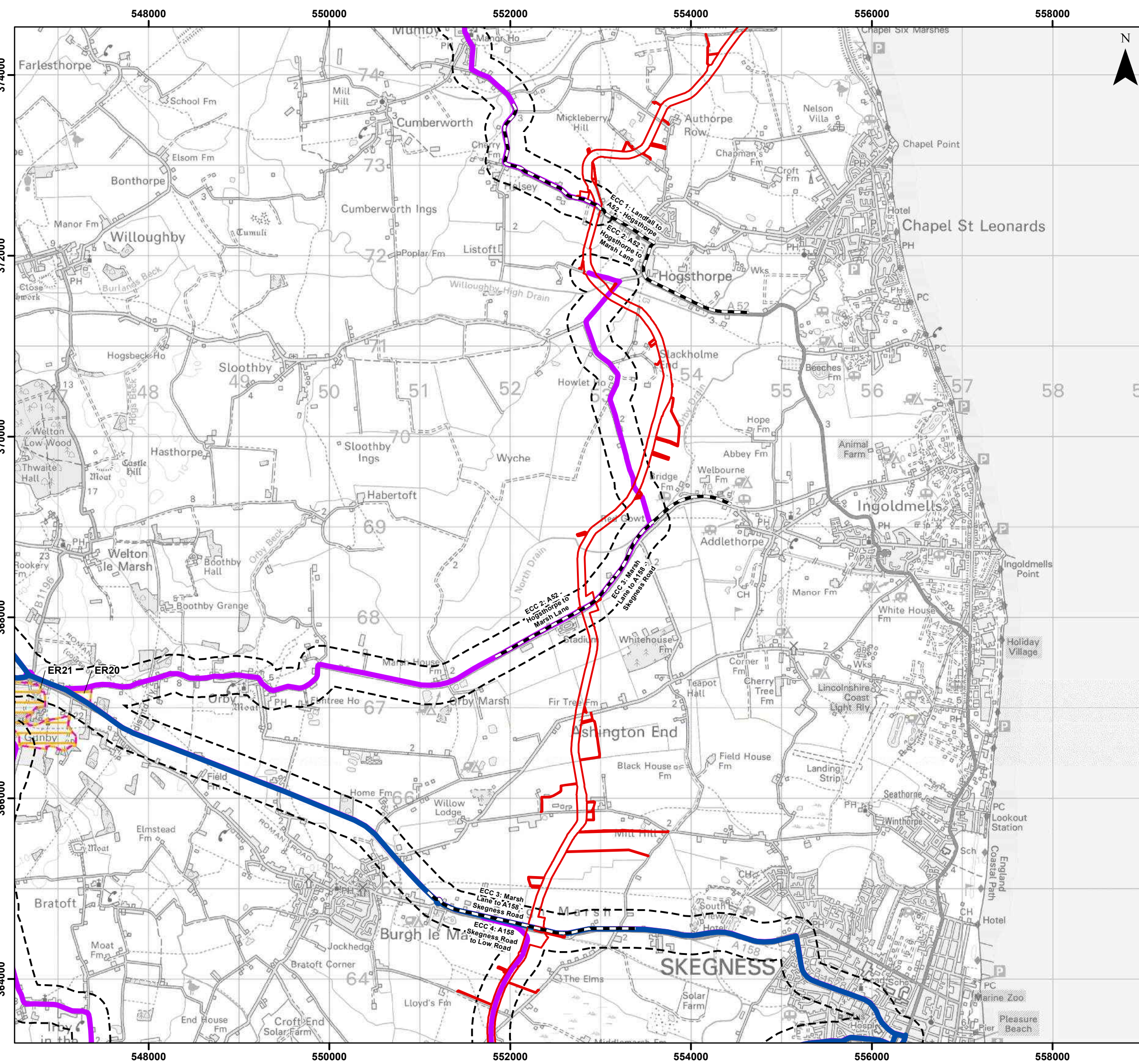
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### Legend

- Order Limits
- Onshore Segment Break
- Modelled Road Network
- Ecological Road Traffic Screening Route
- Ecological Road Traffic Screening Routes 200 m Buffer
- Modelled Ecological Site
- Local Wildlife Site (LWS)

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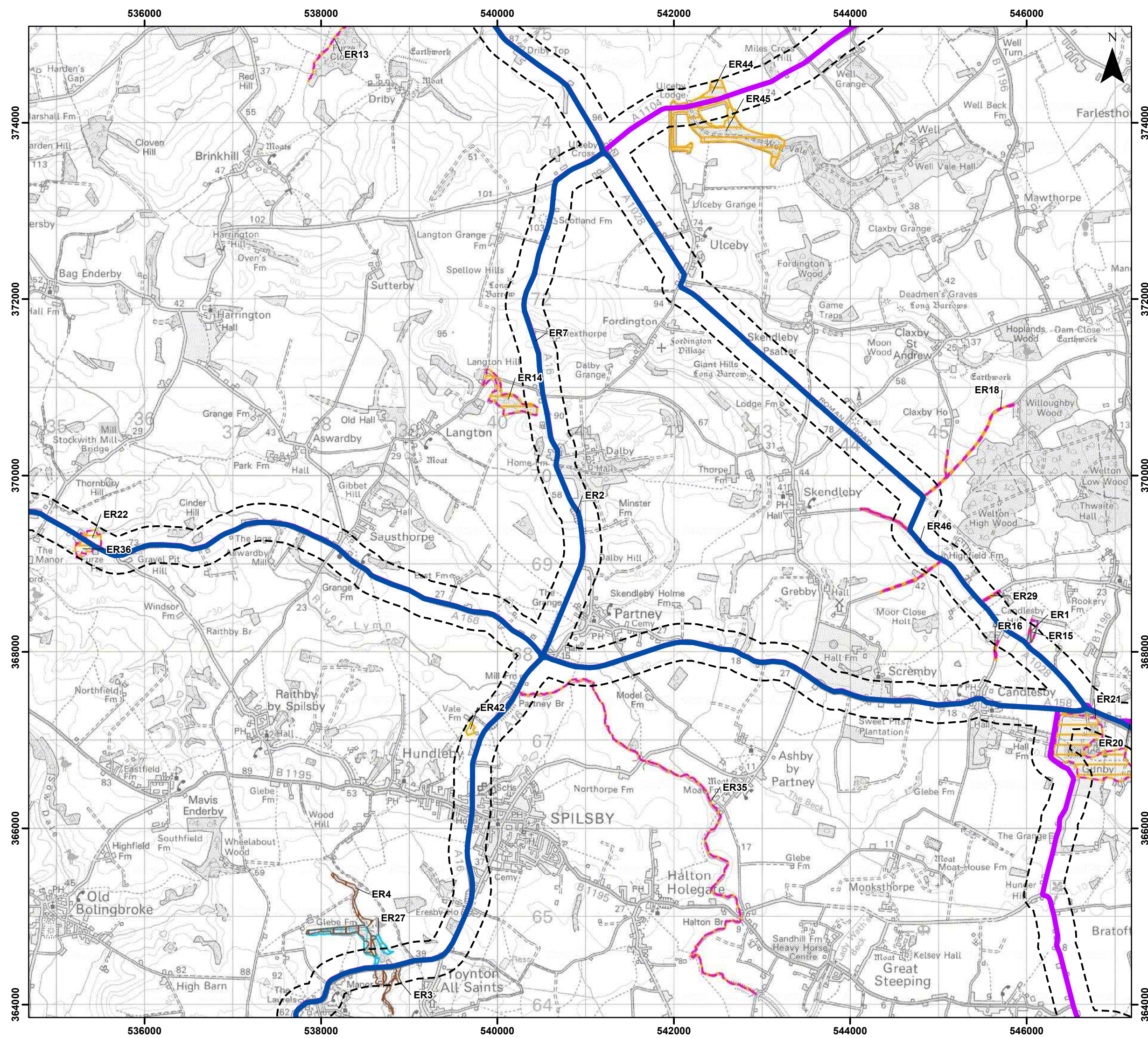
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### Legend

- Modelled Road Network
- Ecological Road Traffic Screening Route
- Ecological Road Traffic Screening Routes 200 m Buffer
- Modelled Ecological Site
- Site of Special Scientific Interest (SSSI)
- Local Wildlife Site (LWS)
- Local Wildlife Trust (LWT)

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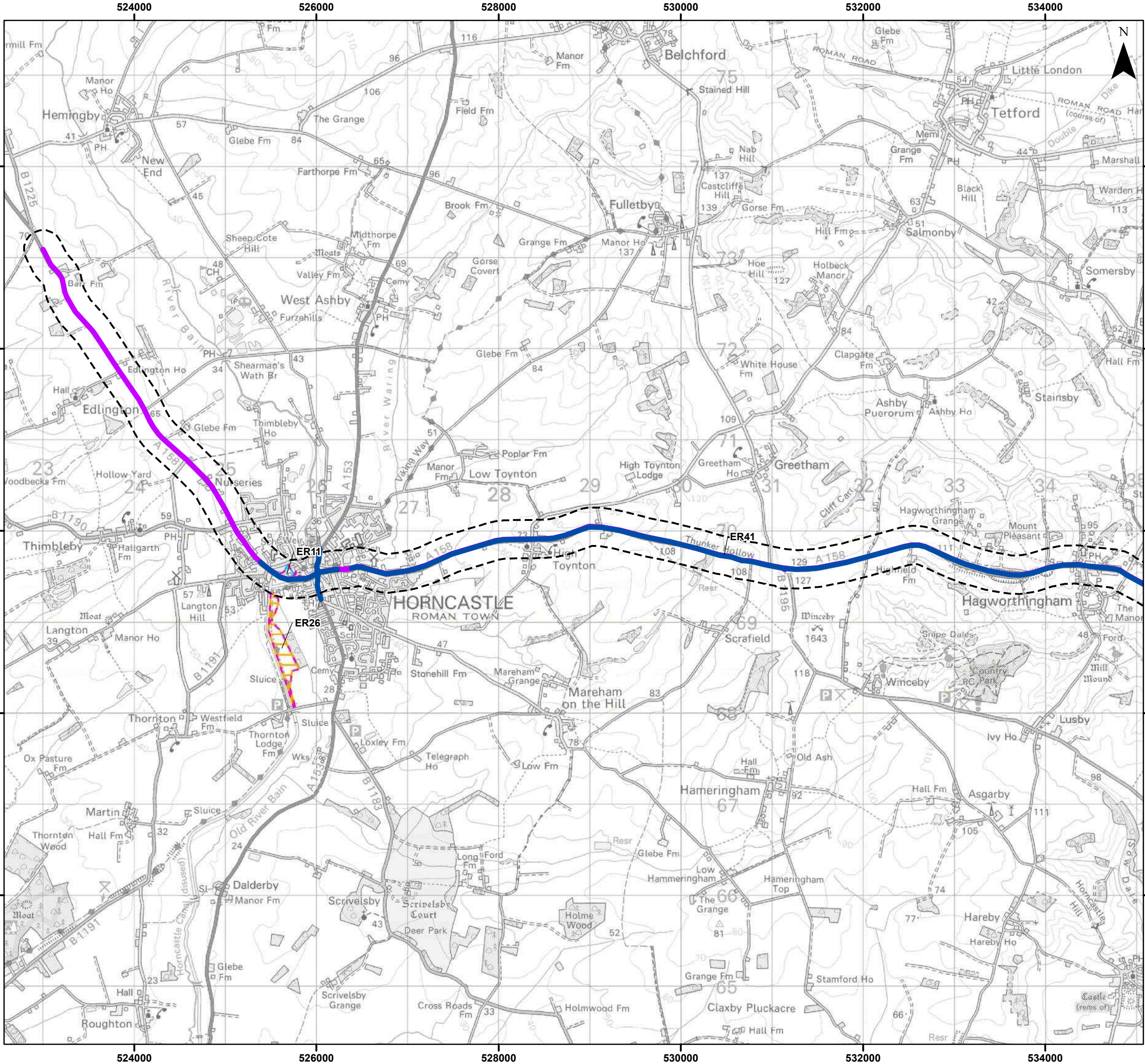
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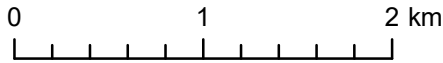
## Legend

- Modelled Road Network
- Ecological Road Traffic Screening Route
- Ecological Road Traffic Screening Routes 200 m Buffer
- Modelled Ecological Site
- Local Wildlife Site (LWS)
- Local Wildlife Trust (LWT)

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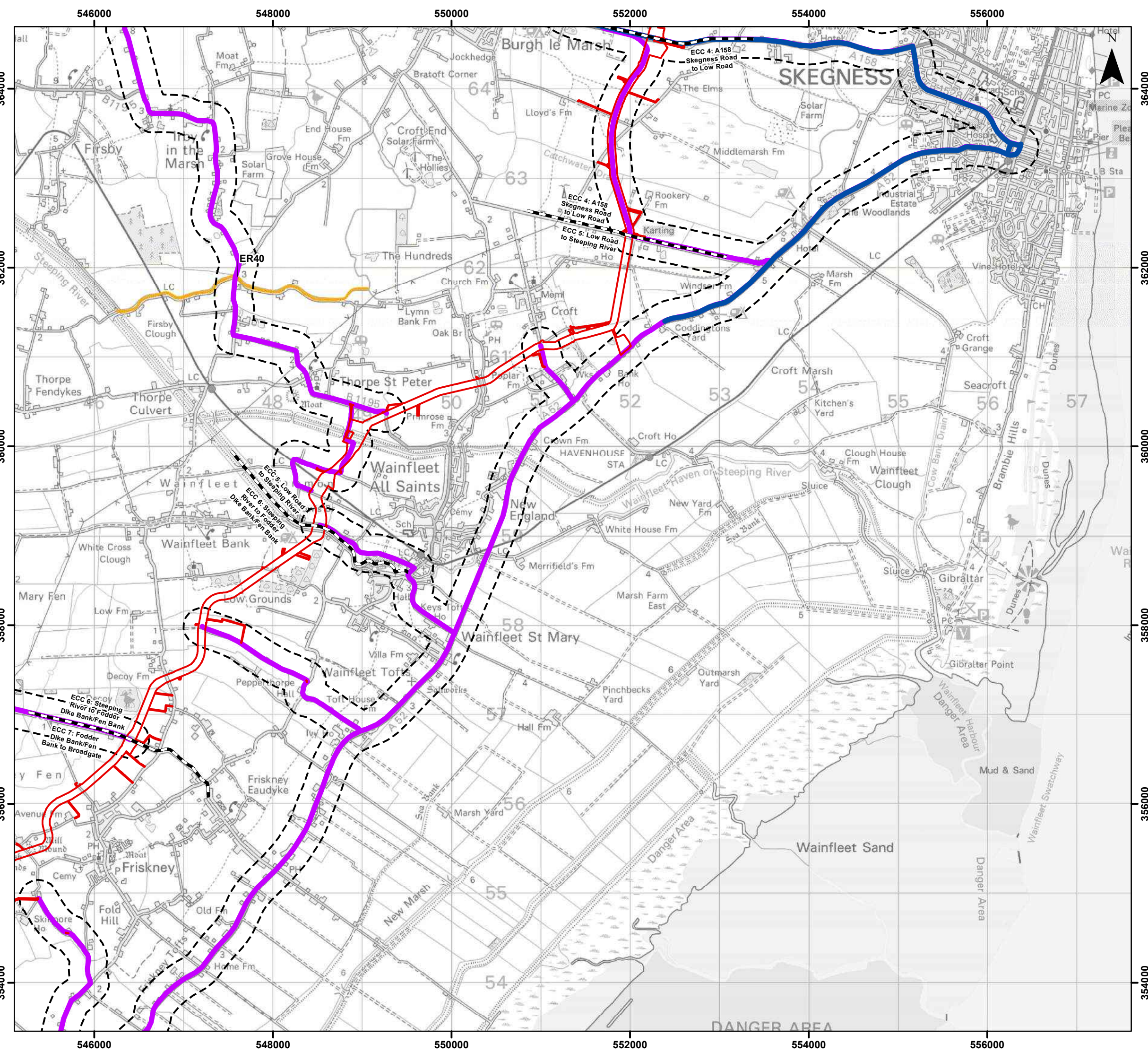


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### Legend

- Order Limits
- Onshore Segment Break
- Modelled Road Network
- Ecological Road Traffic Screening Route
- Ecological Road Traffic Screening Routes 200 m Buffer
- Local Wildlife Site (LWS)

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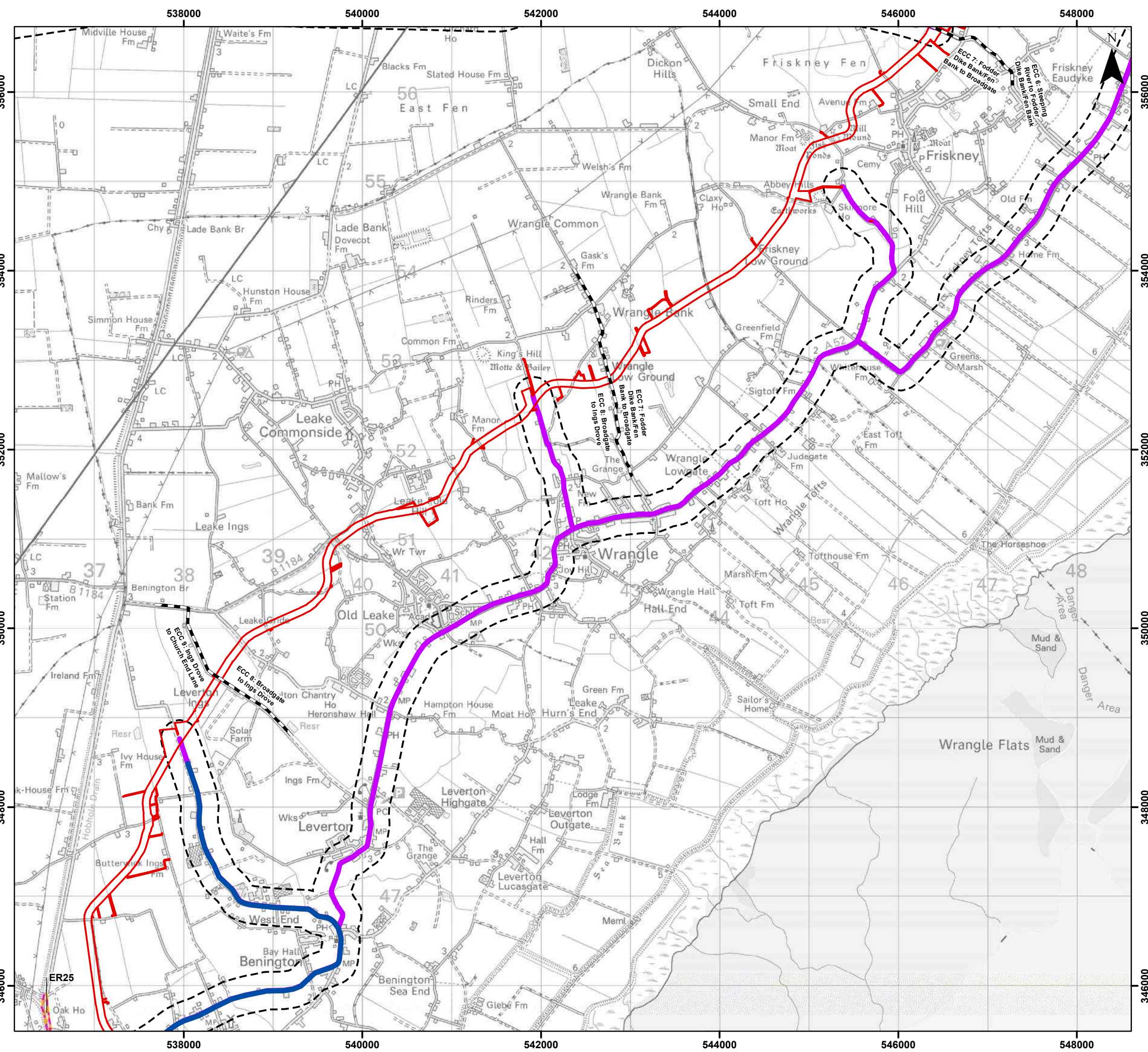
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### Legend

- Order Limits
- Onshore Segment Break
- Modelled Road Network
- Ecological Road Traffic Screening Route
- Ecological Road Traffic Screening Routes 200 m Buffer
- Modelled Ecological Site
- Local Wildlife Site (LWS)

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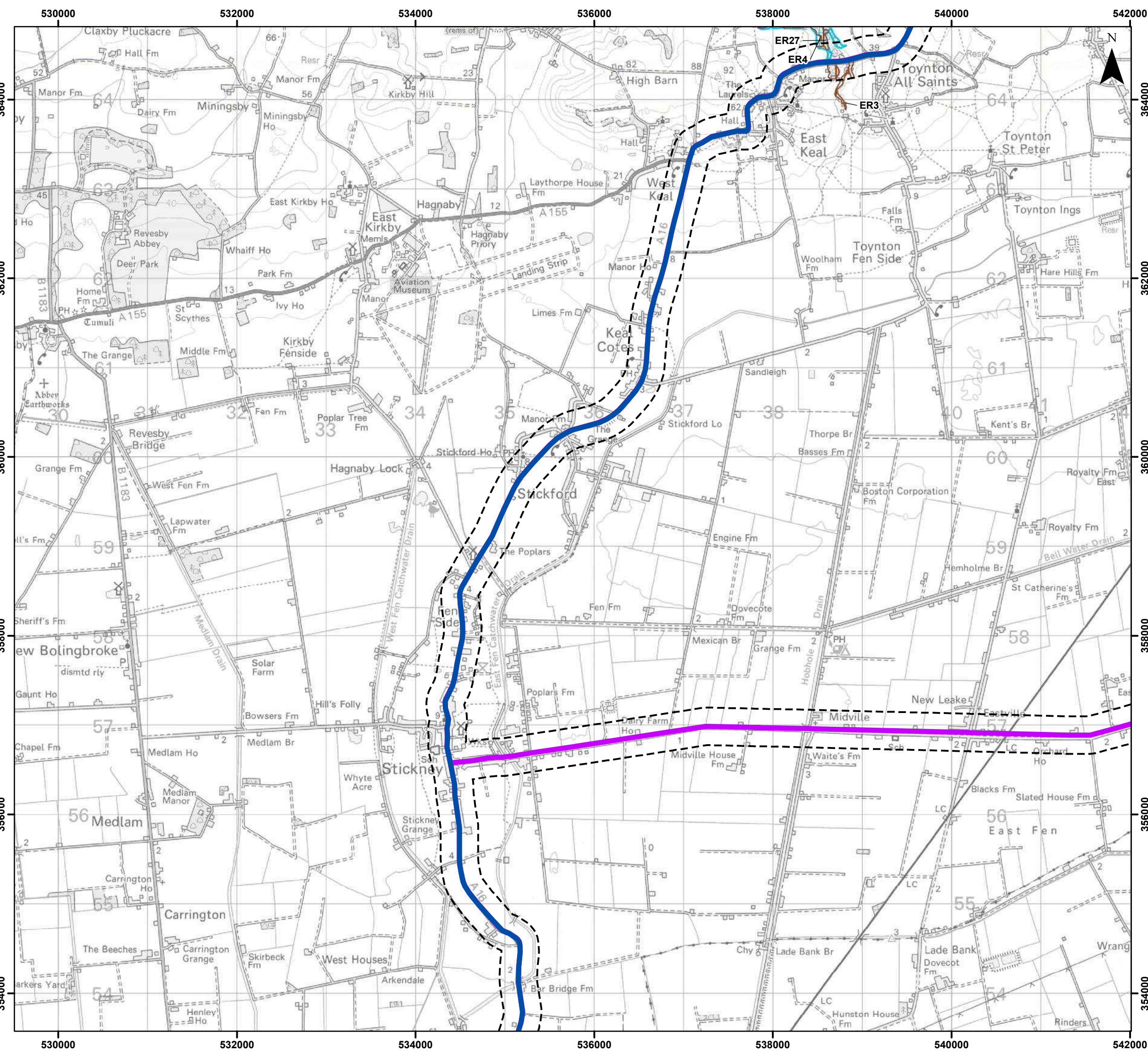
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### Legend

- Modelled Road Network
- Ecological Road Traffic Screening Route
- Ecological Road Traffic Screening Routes 200 m Buffer
- Site of Special Scientific Interest (SSSI)
- Local Wildlife Site (LWS)
- Local Wildlife Trust (LWT)

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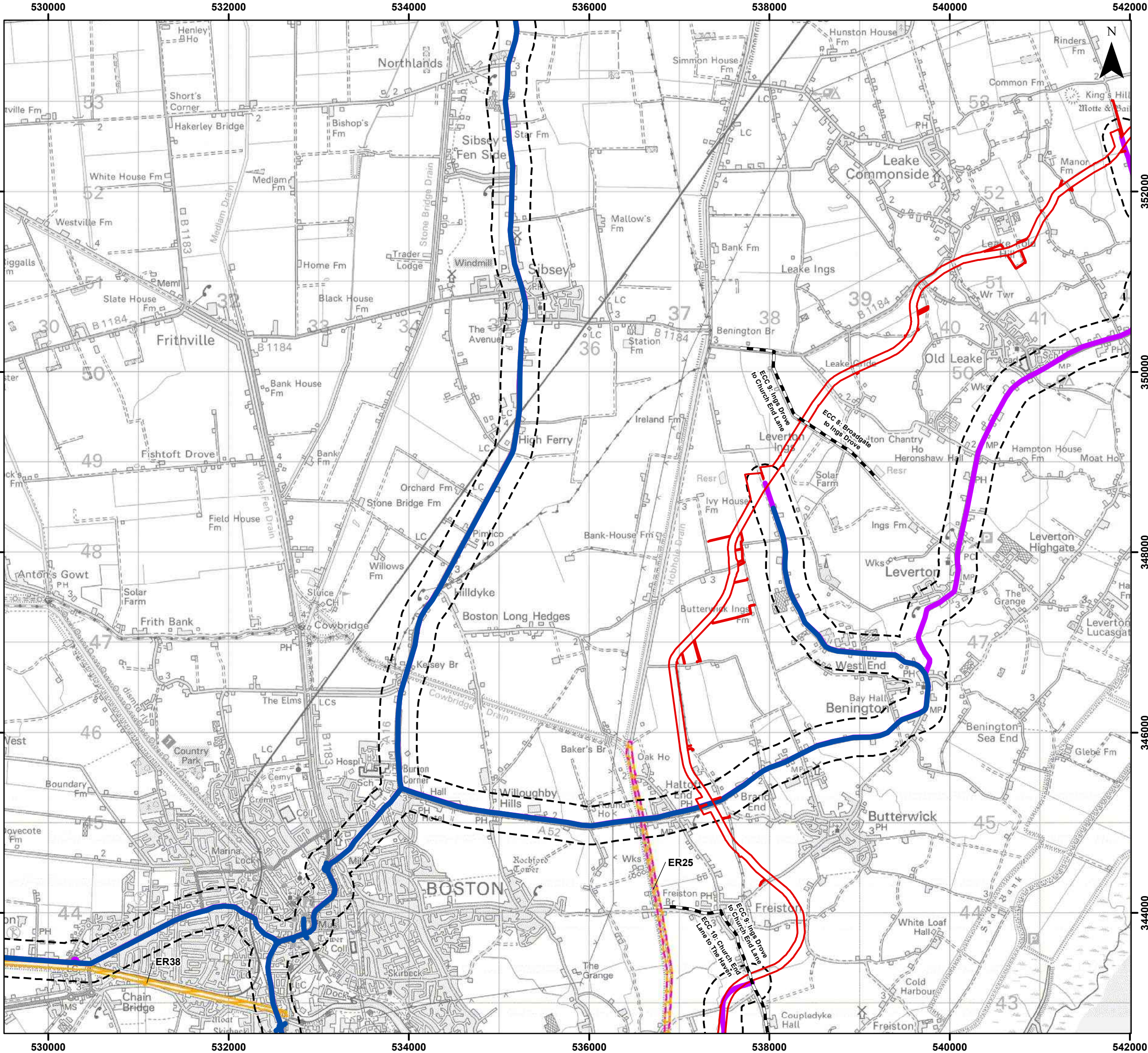
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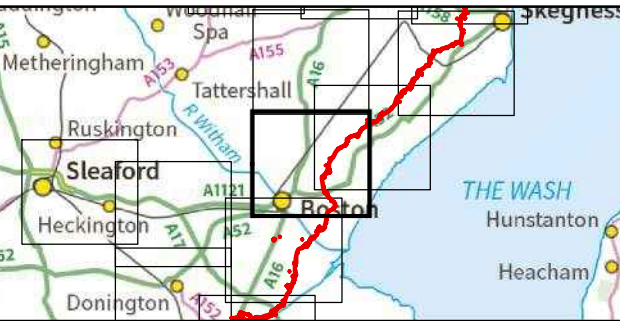




## Legend

- Order Limits
- Onshore Segment Break
- Modelled Road Network
- Ecological Road Traffic Screening Route
- Ecological Road Traffic Screening Routes 200 m Buffer
- Modelled Ecological Site
- Local Wildlife Site (LWS)

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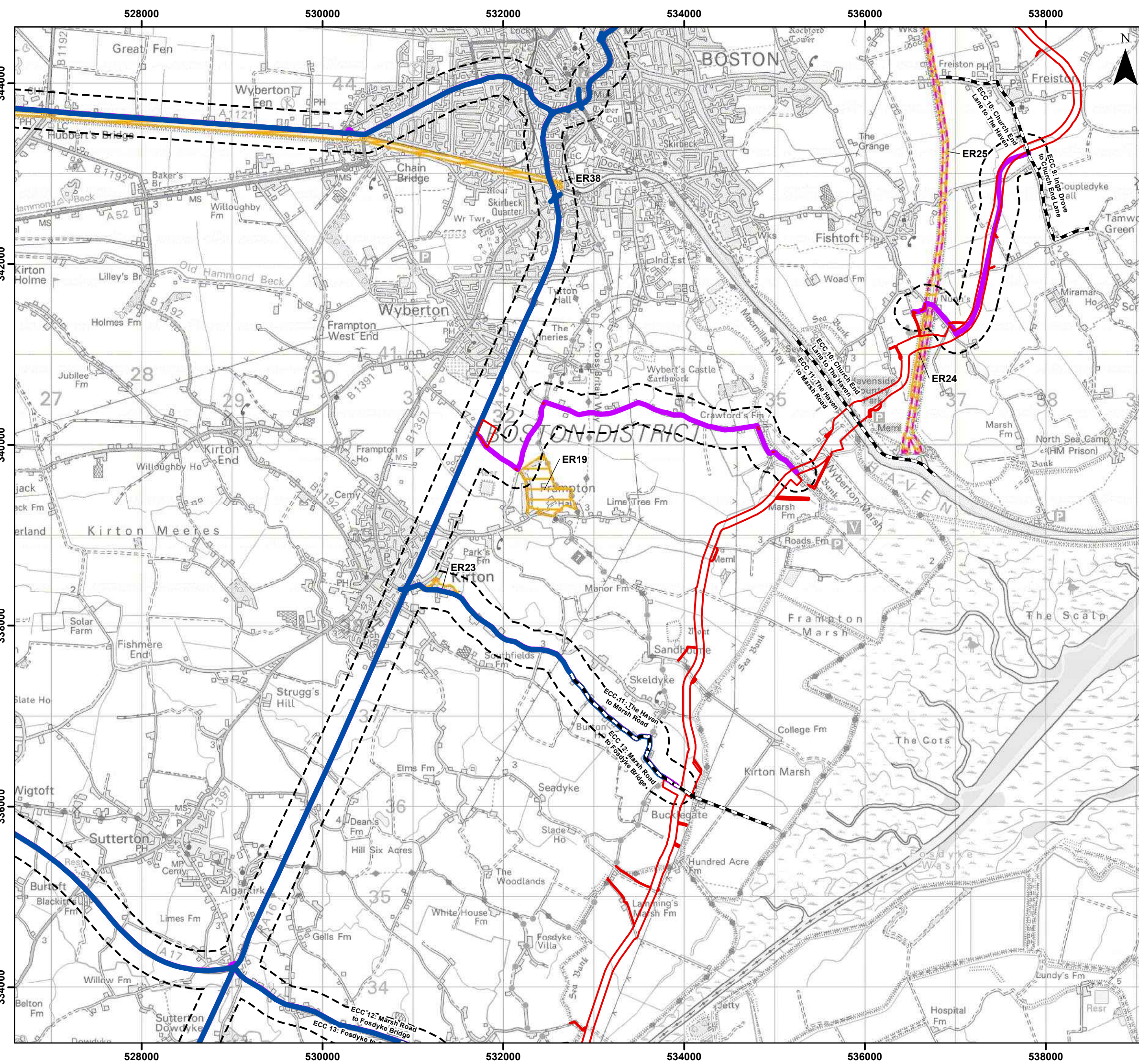
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### Legend

- Order Limits
- Onshore Segment Break
- Modelled Road Network
- Ecological Road Traffic Screening Route
- Ecological Road Traffic Screening Routes 200 m Buffer
- Modelled Ecological Site
- Local Wildlife Site (LWS)

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OUTER DOWSING  
OFFSHORE WIND

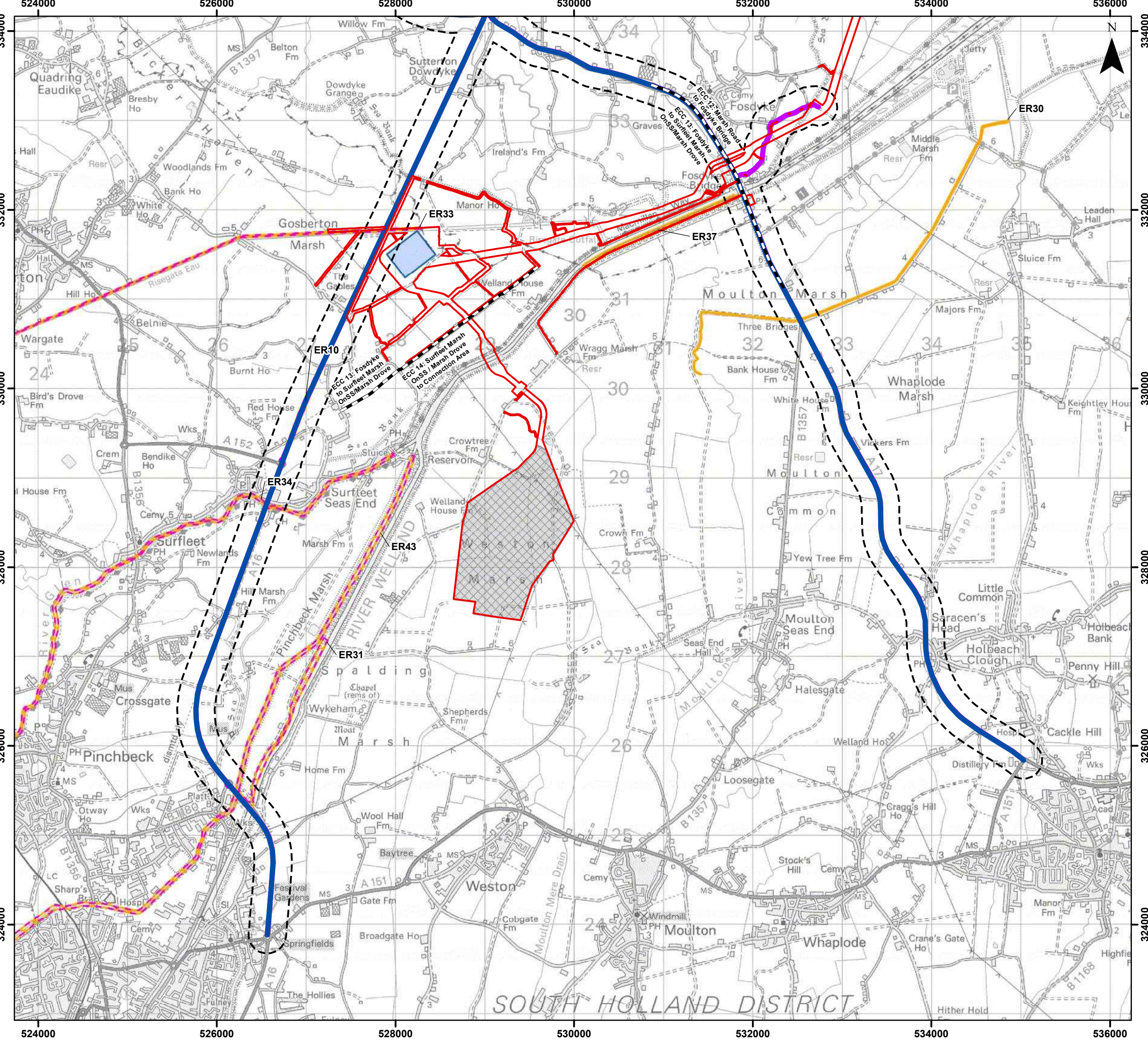
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**Legend**

- Order Limits
- Onshore Segment Break
- Onshore Substation (OnSS) Footprint
- Connection Area
- Modelled Road Network
- Ecological Road Traffic Screening Route
- Ecological Road Traffic Screening Routes 200 m Buffer
- Modelled Ecological Site
- Local Wildlife Site (LWS)

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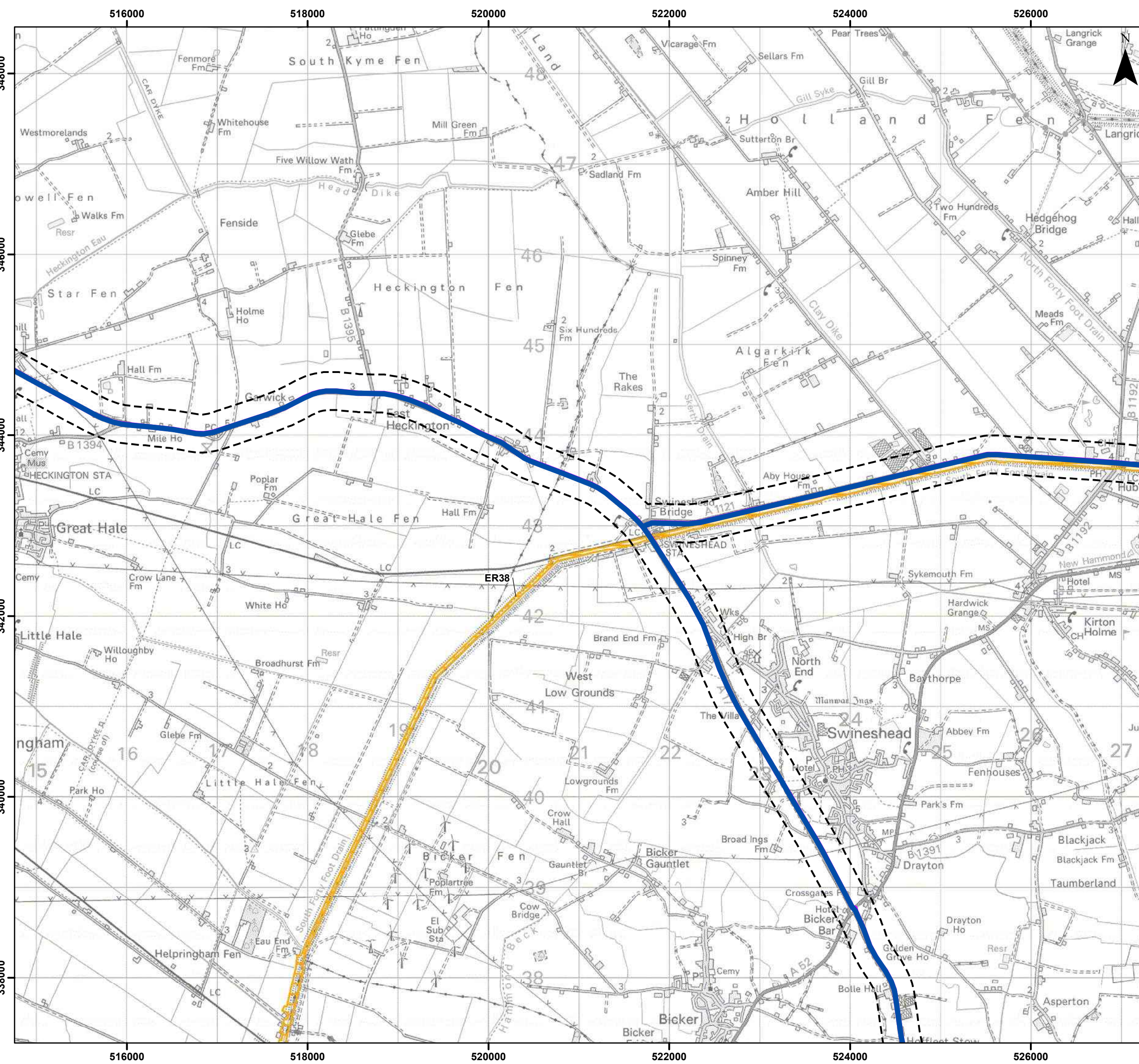


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### Legend

- Modelled Road Network
- Ecological Road Traffic Screening Route
- Ecological Road Traffic Screening Routes 200 m Buffer
- Local Wildlife Site (LWS)

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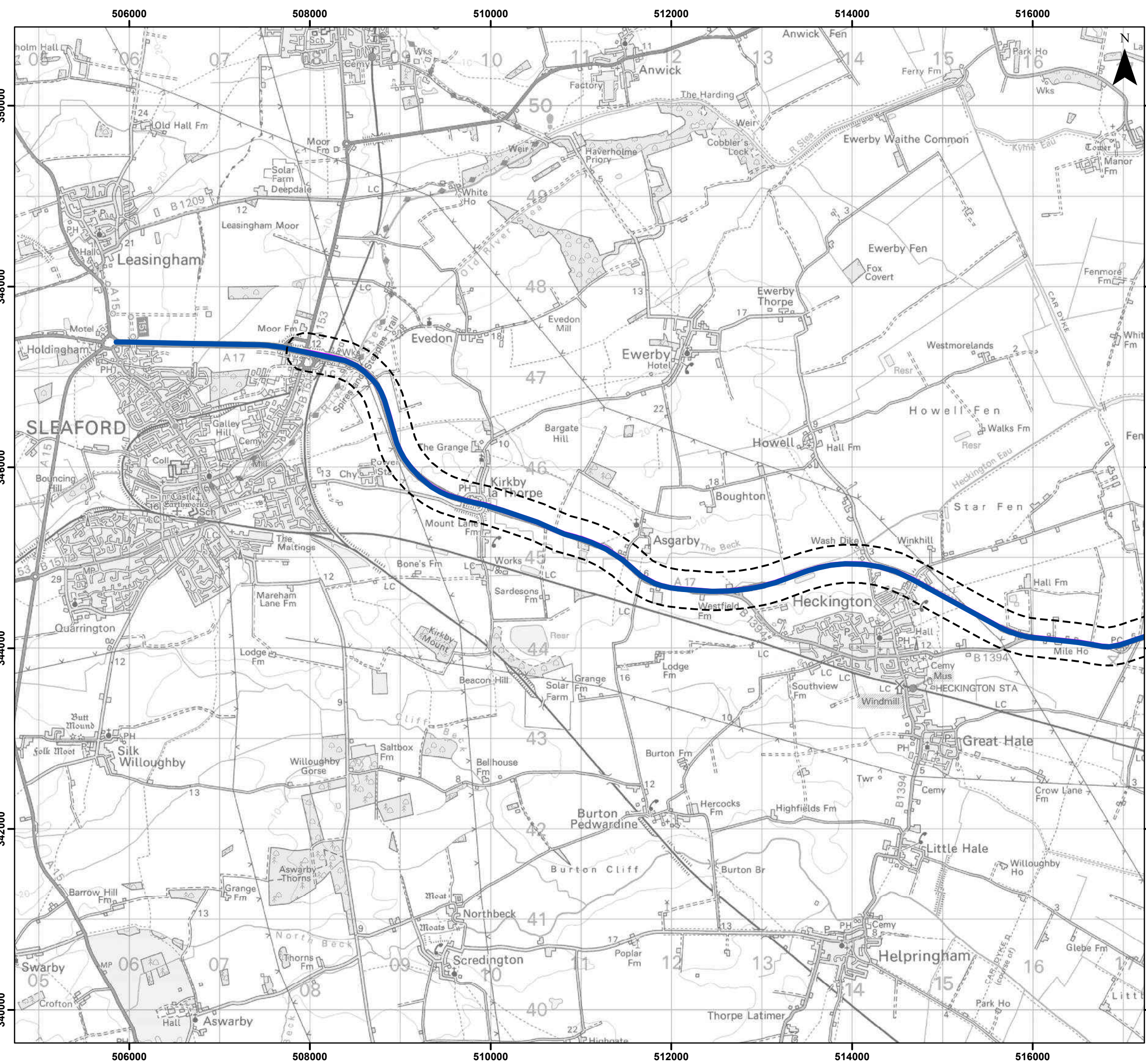
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## Legend

- Modelled Road Network
- Ecological Road Traffic Screening Route
- Ecological Road Traffic Screening Routes 200 m Buffer

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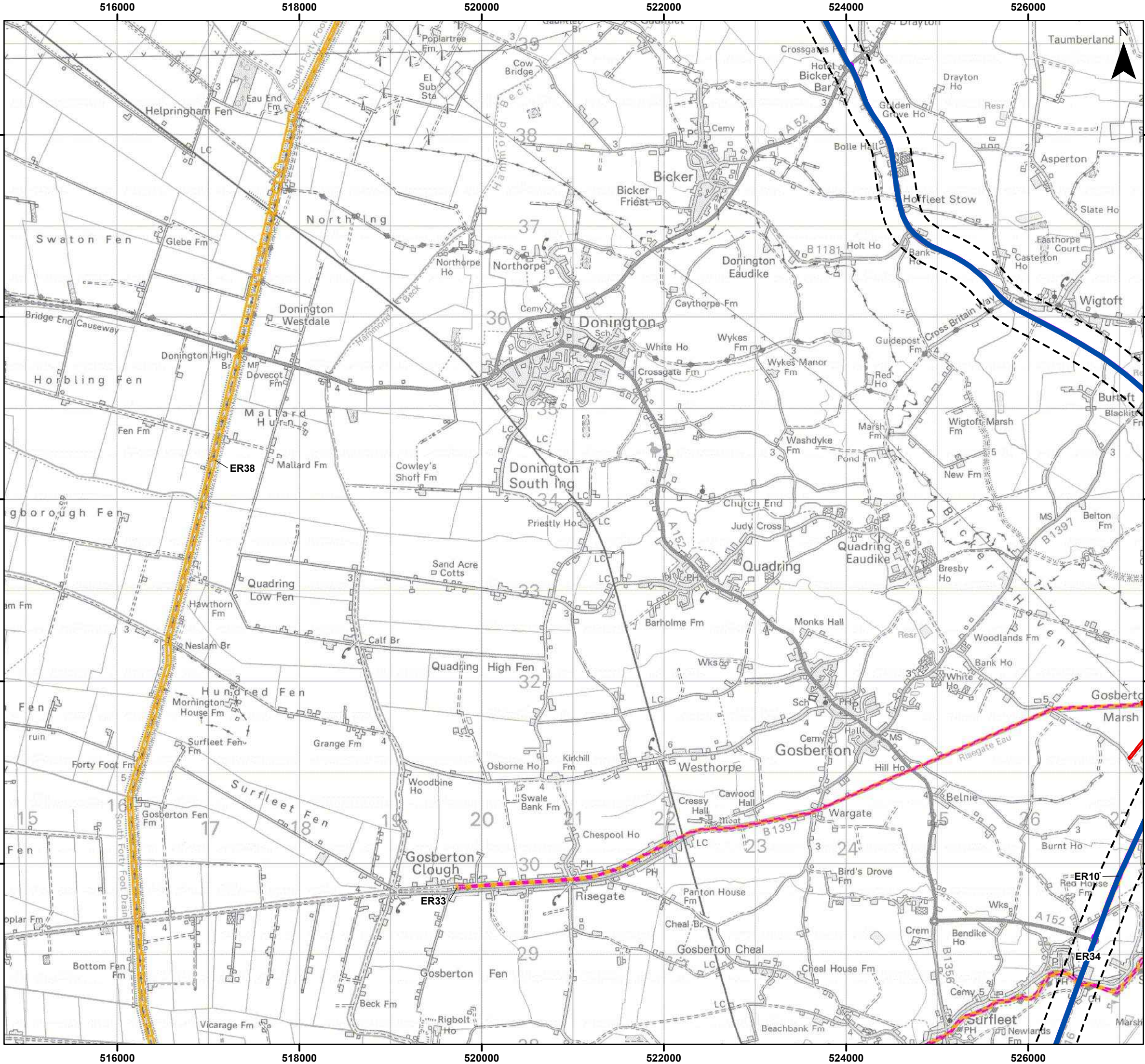


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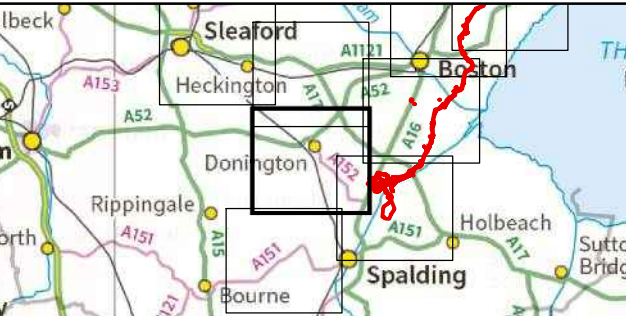




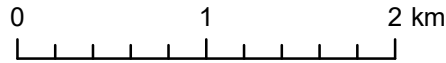
## Legend

- Order Limits
- Modelled Road Network
- Ecological Road Traffic Screening Route
- Ecological Road Traffic Screening Routes 200 m Buffer
- Modelled Ecological Site
- Local Wildlife Site (LWS)

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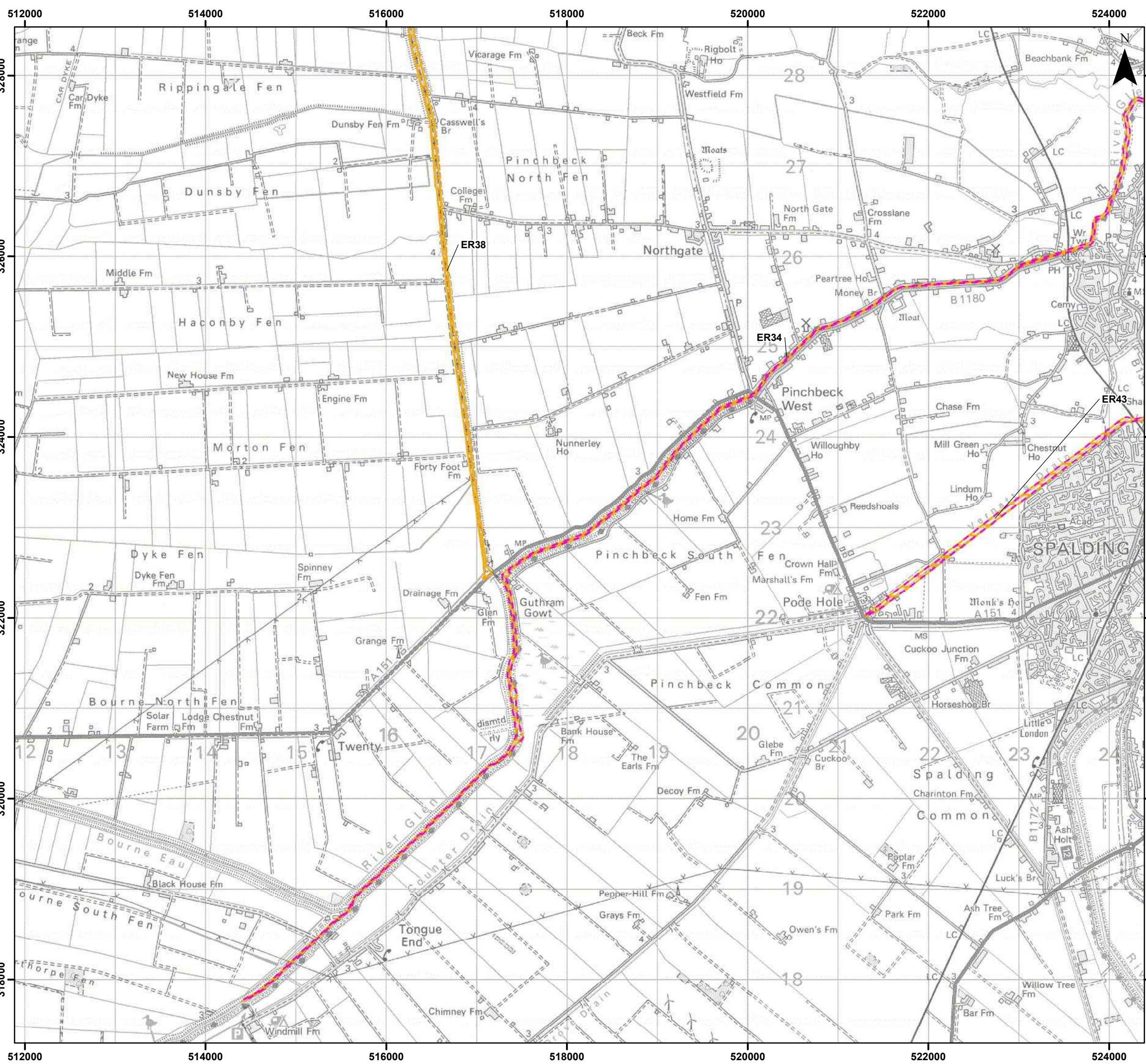


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### Legend

- Modelled Ecological Site
- Local Wildlife Site (LWS)

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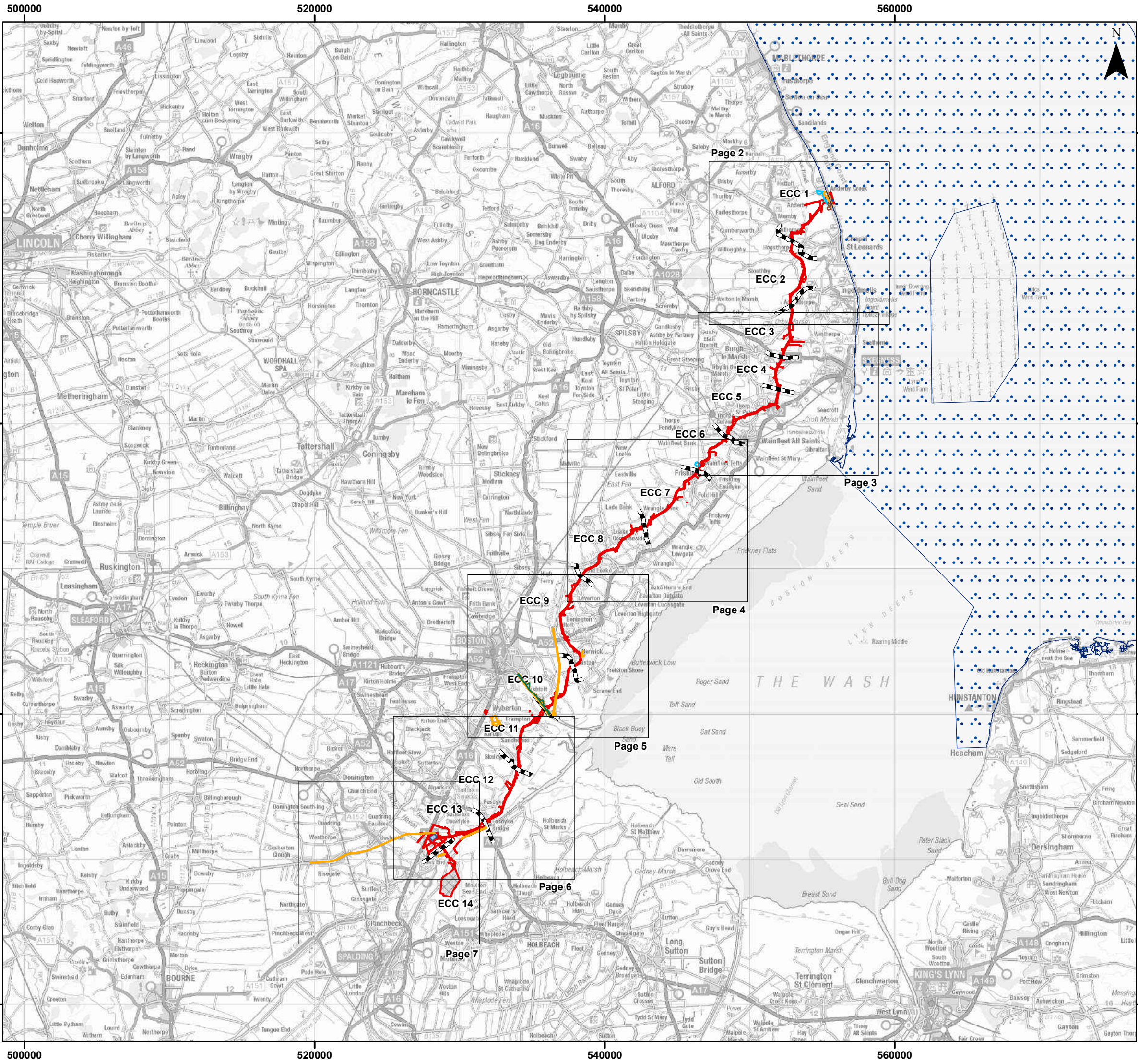


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**Legend**

- Order Limits
- Onshore Segment Break
- Onshore Substation (OnSS) Footprint
- Landfall Trenchless Works Area
- Transition Joint Bay Area
- Connection Area
- Special Protection Area (SPA)
- Site of Special Scientific Interest (SSSI)
- Local Nature Reserve (LNR)
- Local Wildlife Site (LWS)
- Local Wildlife Trust Reserve (LWT)

**Note:** Only affected areas that intersect with 50 m buffer of Order Limits are shown.

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Environmental Statement Version 2  
Examination Update

Non-Road Mobile Machinery Emissions  
Affected Areas  
Overview  
Figure 19.4.1



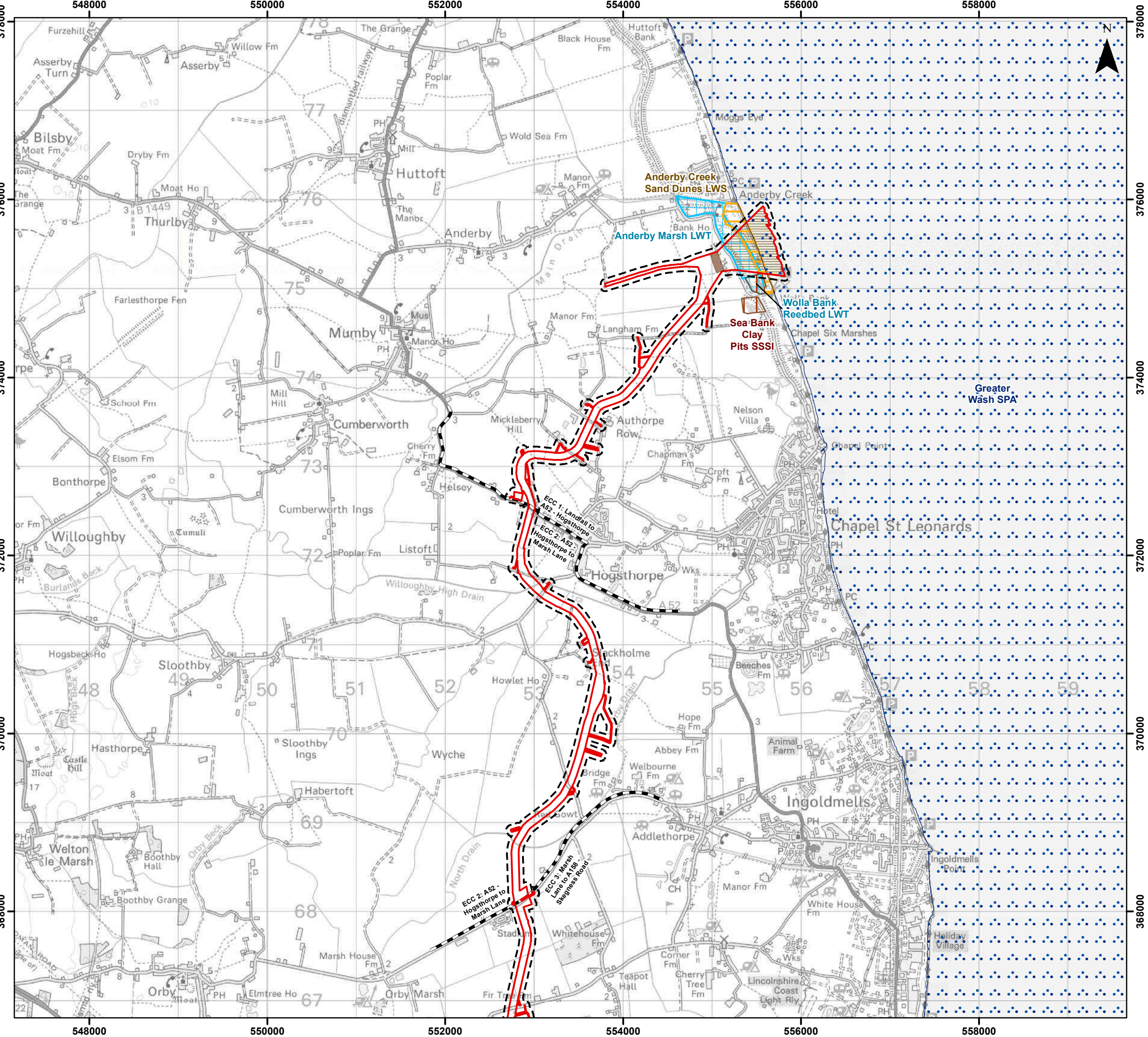
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### Legend

- Order Limits
- Onshore Segment Break
- Landfall Trenchless Works Area
- Transition Joint Bay Area
- Order Limits 50 m Buffer
- Special Protection Area (SPA)
- Site of Special Scientific Interest (SSSI)
- Local Wildlife Site (LWS)
- Local Wildlife Trust Reserve (LWT)

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Examination Update

Non-Road Mobile Machinery Emissions  
Affected Areas  
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OUTER DOWING  
OFFSHORE WIND

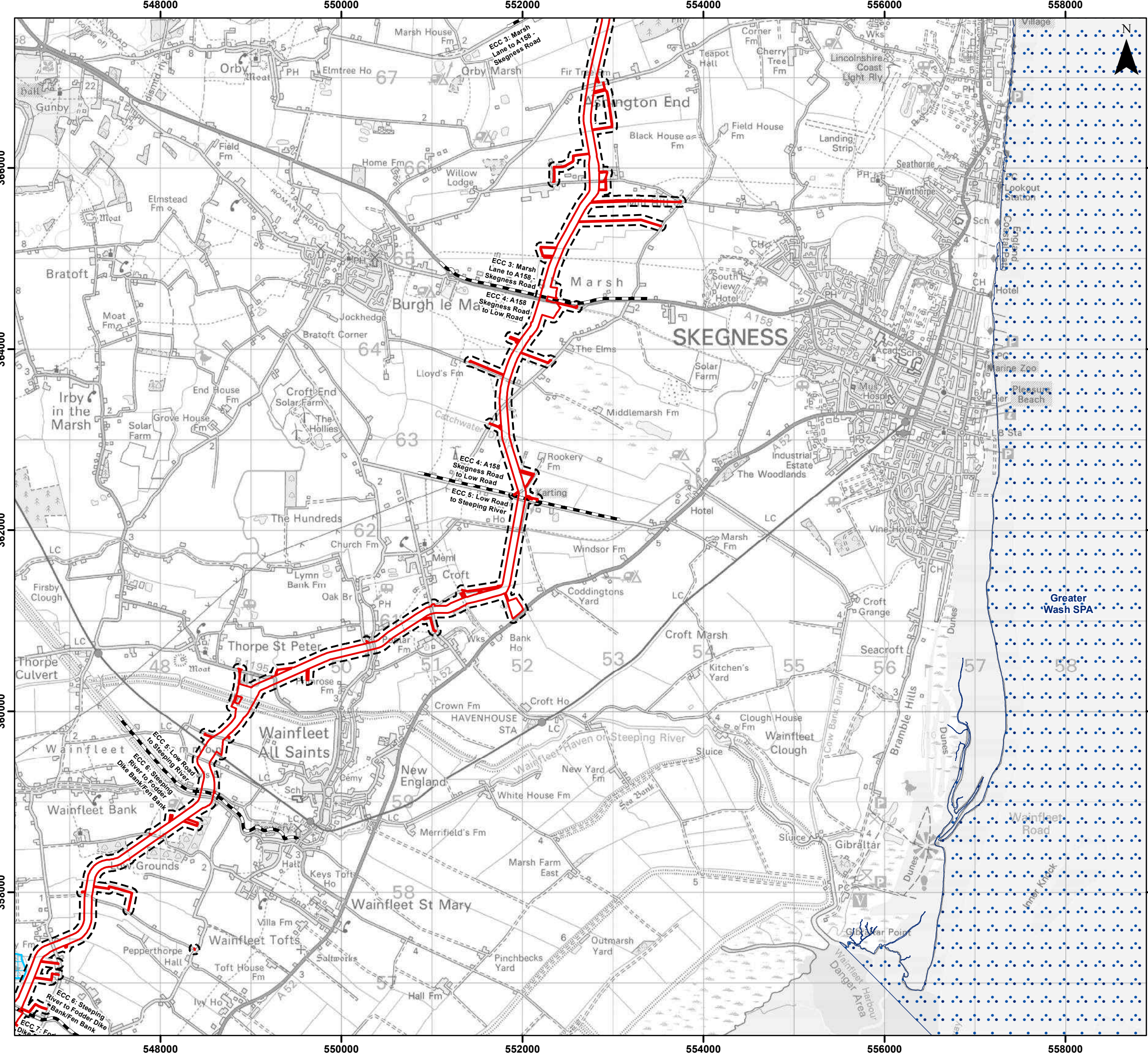
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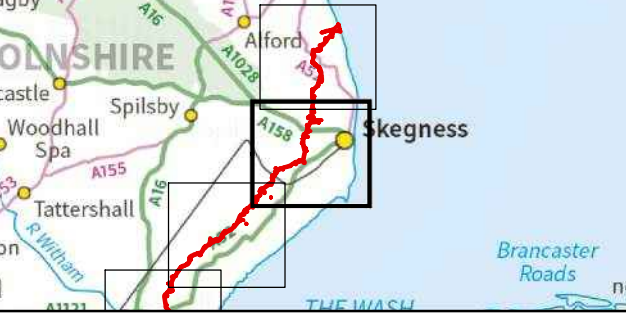


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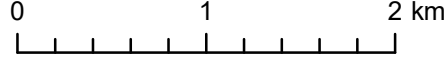
- Order Limits
- Onshore Segment Break
- Order Limits 50 m Buffer
- Special Protection Area (SPA)
- Local Wildlife Trust Reserve (LWT)

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Non-Road Mobile Machinery Emissions  
Affected Areas  
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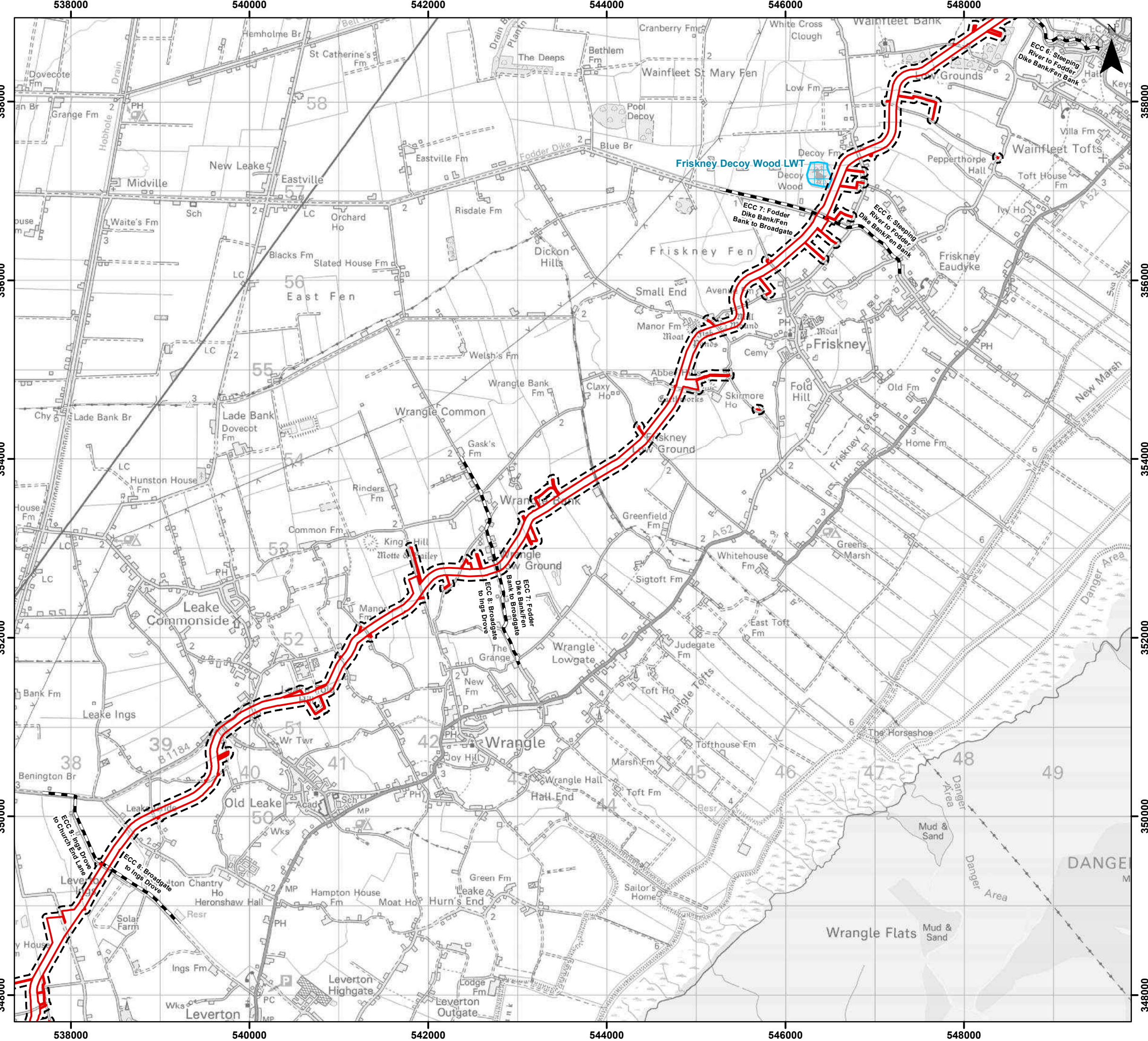
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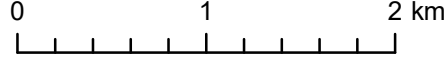
- Order Limits
- Onshore Segment Break
- Order Limits 50 m Buffer
- Local Wildlife Trust Reserve (LWT)

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Examination Update

Non-Road Mobile Machinery Emissions  
Affected Areas  
Page 4  
Figure 19.4.4



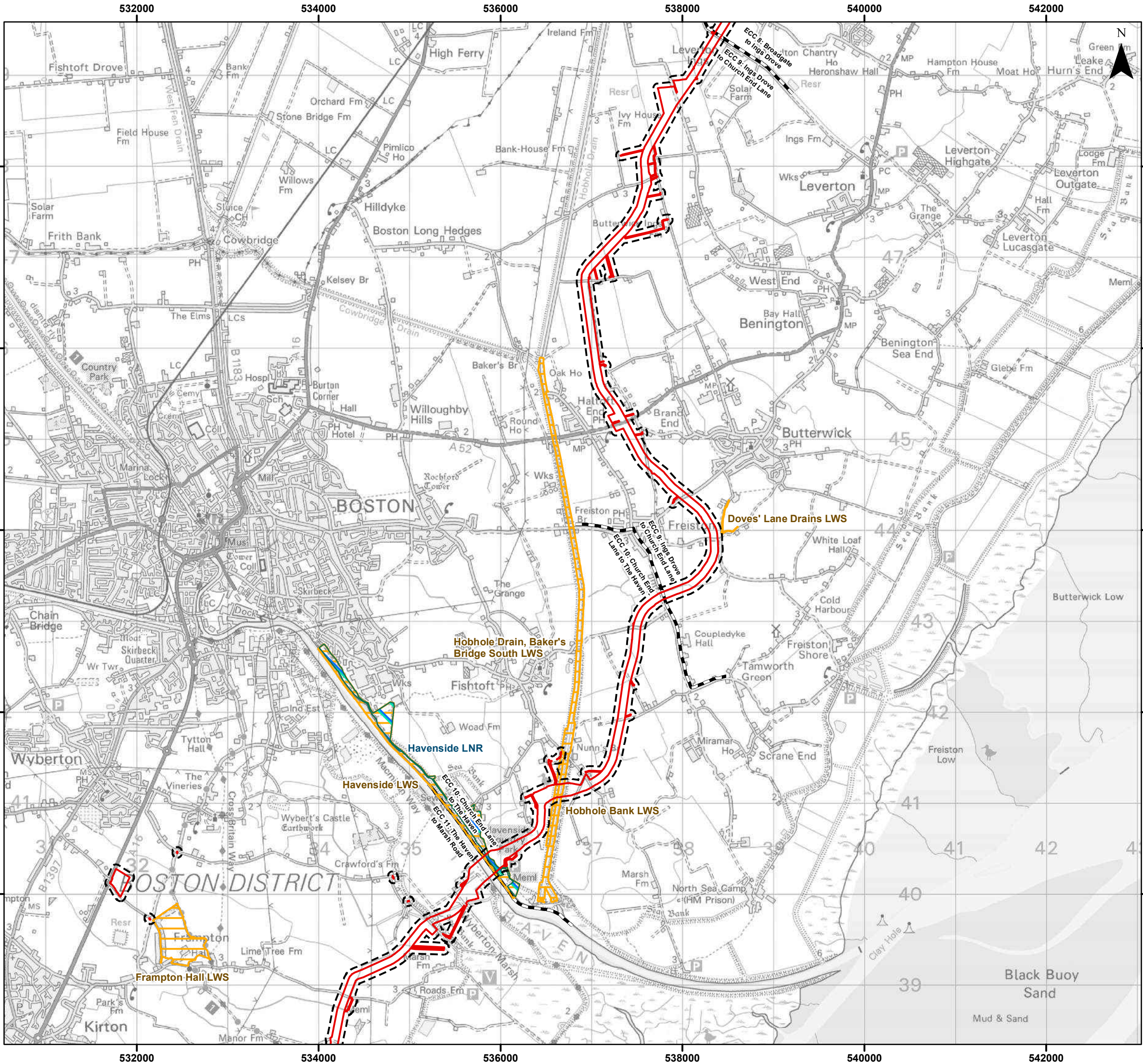
Date: 20/02/2025  
Produced By: AR  
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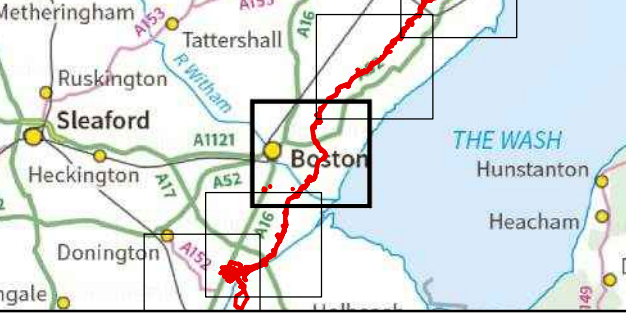


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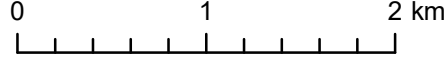
- Order Limits
- Onshore Segment Break
- Order Limits 50 m Buffer
- Local Nature Reserve (LNR)
- Local Wildlife Site (LWS)

**Note:** Only affected areas that intersect with 50 m buffer of Order Limits are shown.

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Figure 19.4.5

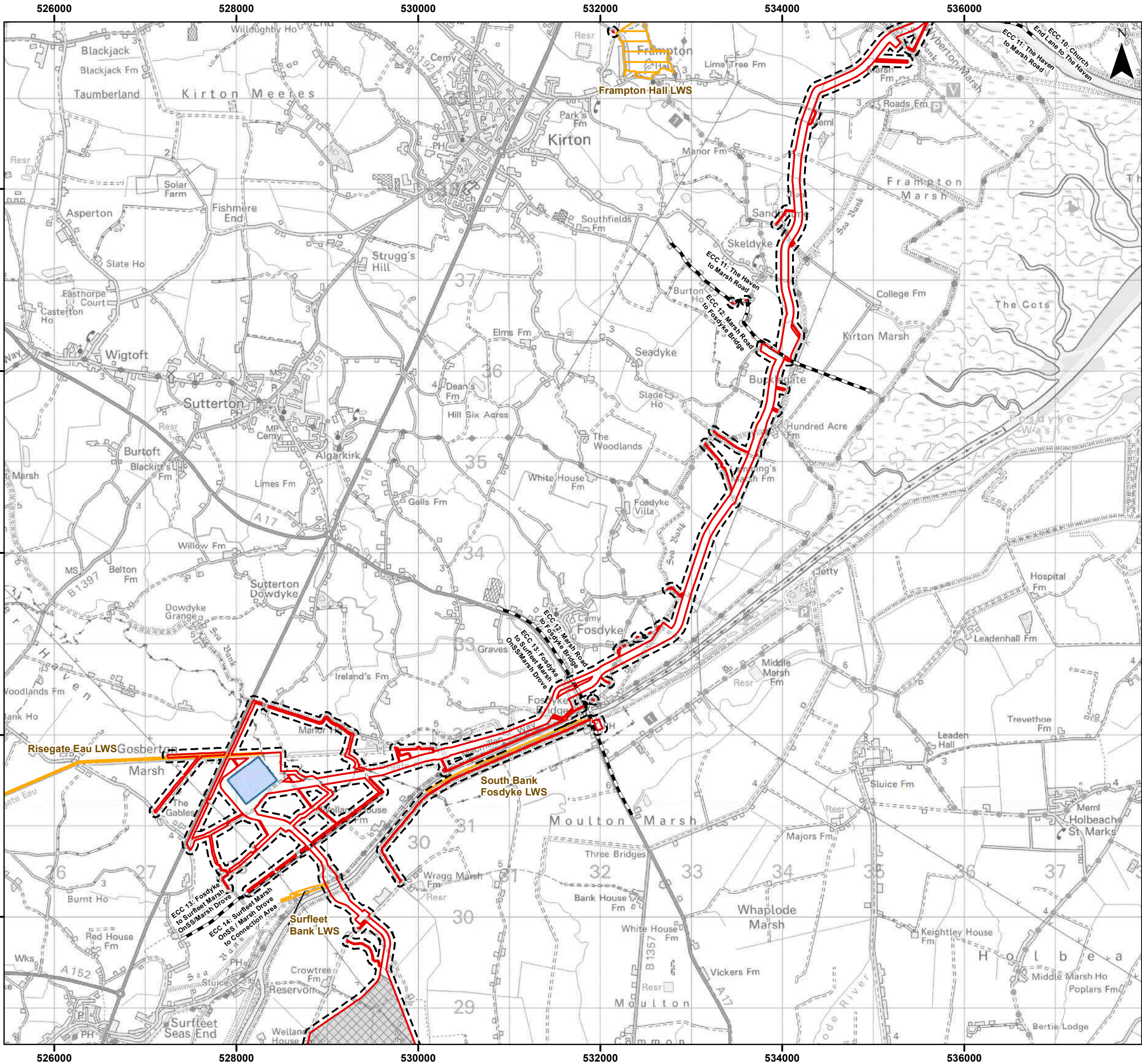


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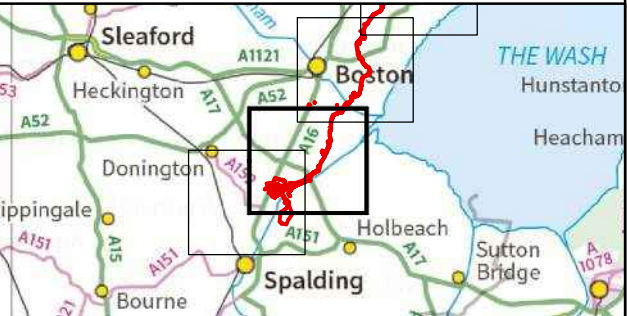


## Legend

- Order Limits
- Onshore Segment Break
- Onshore Substation (OnSS) Footprint
- Connection Area
- Order Limits 50 m Buffer
- Local Wildlife Site (LWS)

**Note:** Only affected areas that intersect with 50 m buffer of Order Limits are shown.

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Coordinate System: British National Grid

0 1 2 km

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Non-Road Mobile Machinery Emissions  
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Figure 19.4.6

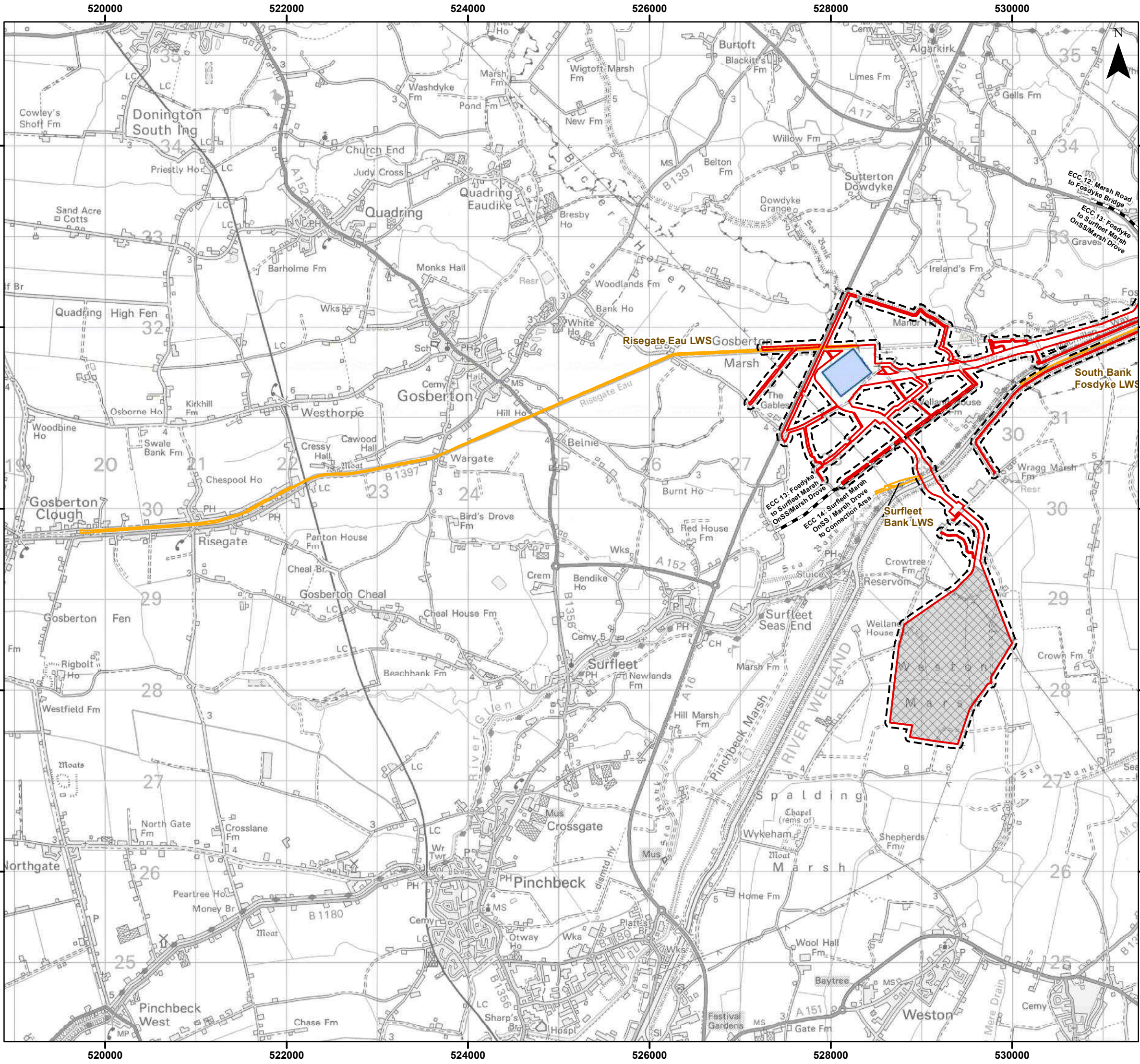


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## Legend

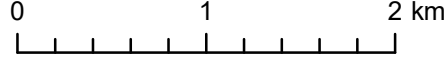
- Order Limits
- Onshore Segment Break
- Onshore Substation (OnSS) Footprint
- Connection Area
- Order Limits 50 m Buffer
- Local Wildlife Site (LWS)

**Note:** Only affected areas that intersect with 50 m buffer of Order Limits are shown.

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Non-Road Mobile Machinery Emissions  
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Figure 19.4.7



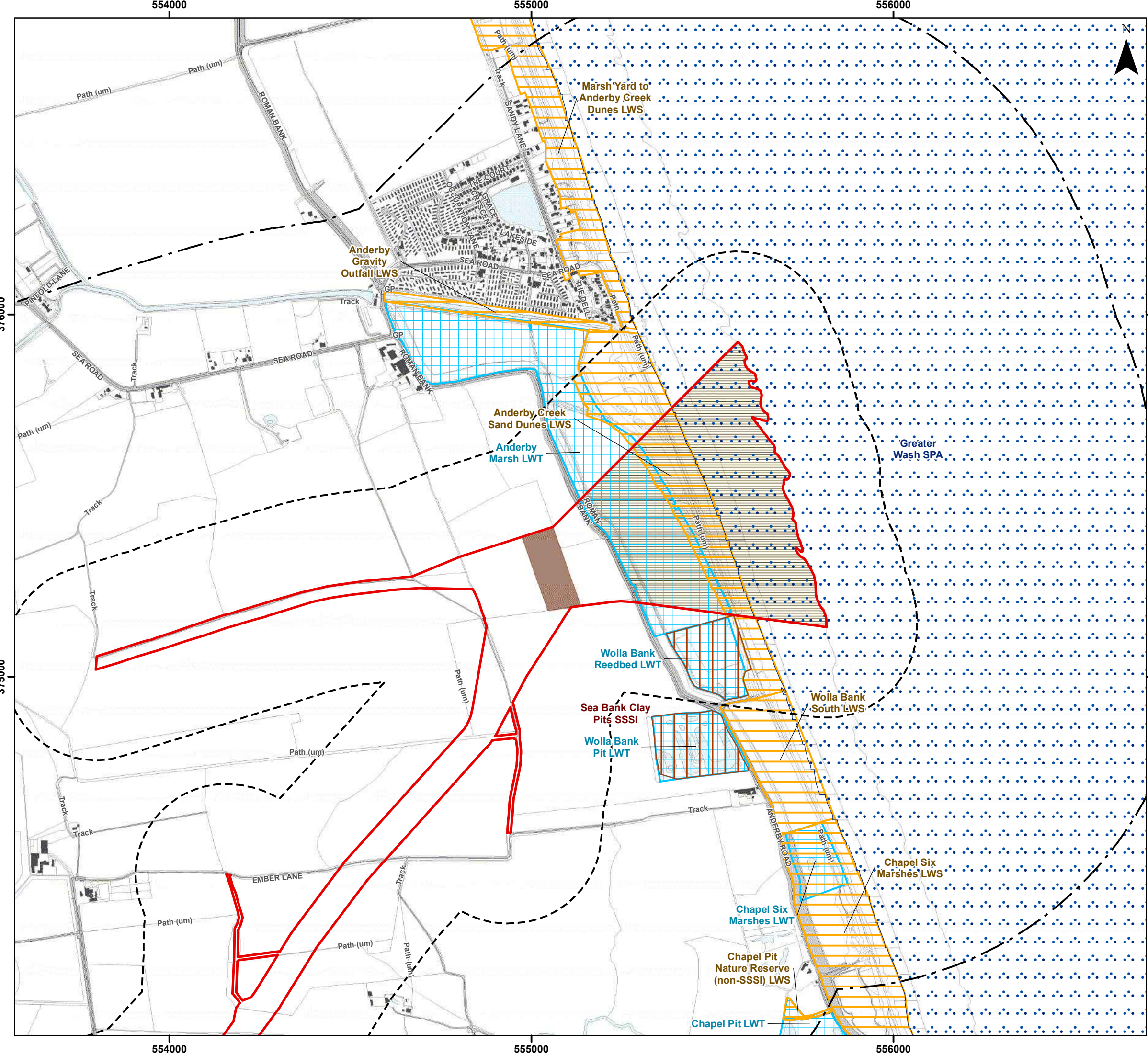
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## Legend

- Order Limits
- Landfall Trenchless Works Area
- Transition Joint Bay Area
- 250 m Onshore Study Area
- 1 km Onshore Study Area
- Special Protection Area (SPA)
- Site of Special Scientific Interest (SSSI)
- Local Wildlife Sites (LWS)
- Lincolnshire WildlifeTrust Sites (LWT)

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Vessel Emissions Affected Areas

Figure 19.5

