

Outer Dowsing Offshore Wind

Environmental Statement

Chapter 19 Onshore Air Quality

Volume 2 Figures

Date: March 2024

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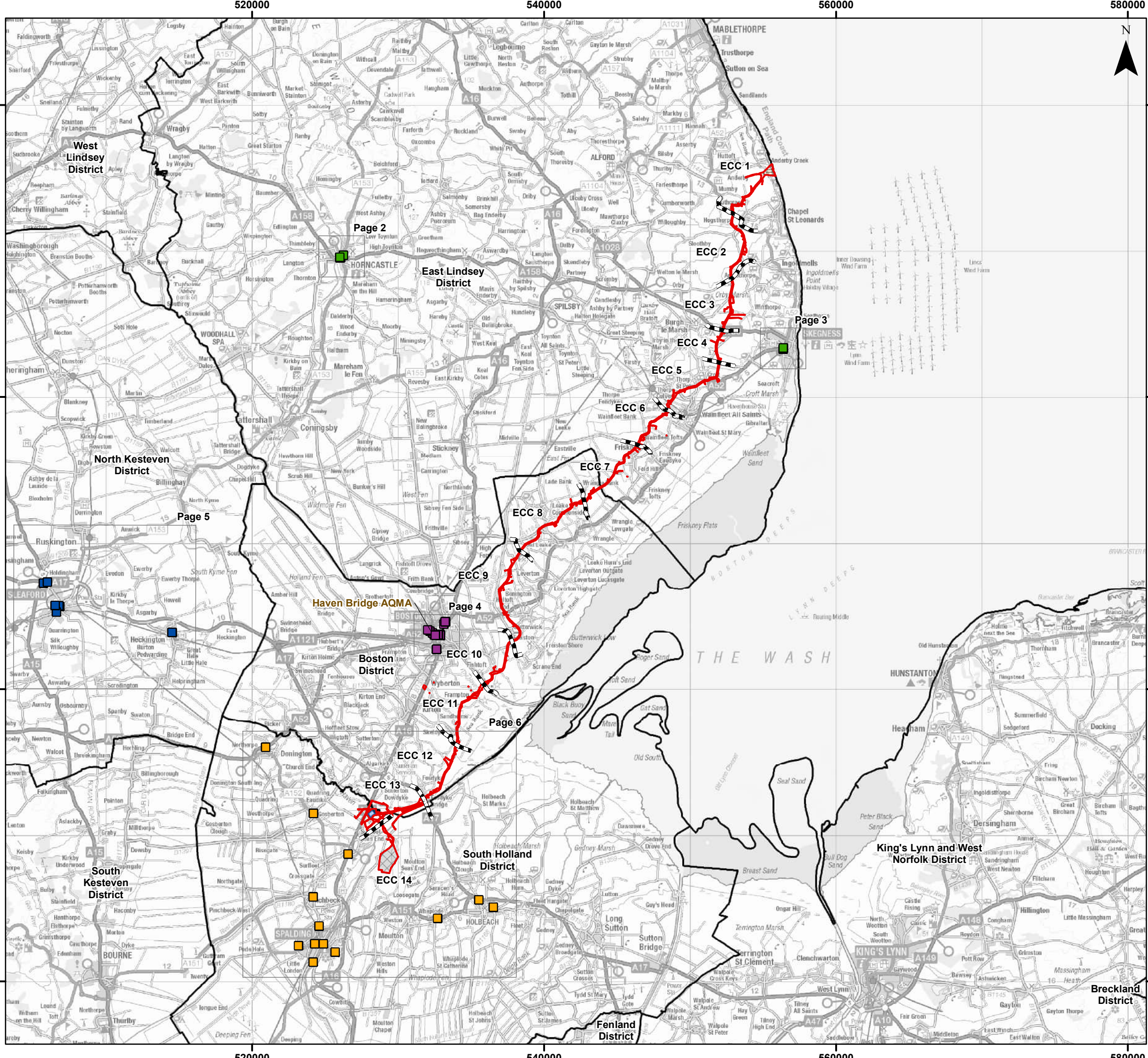
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Rev: 1.0

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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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Environmental Statement
 Air Quality Monitoring Locations
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OUTER DOWSING
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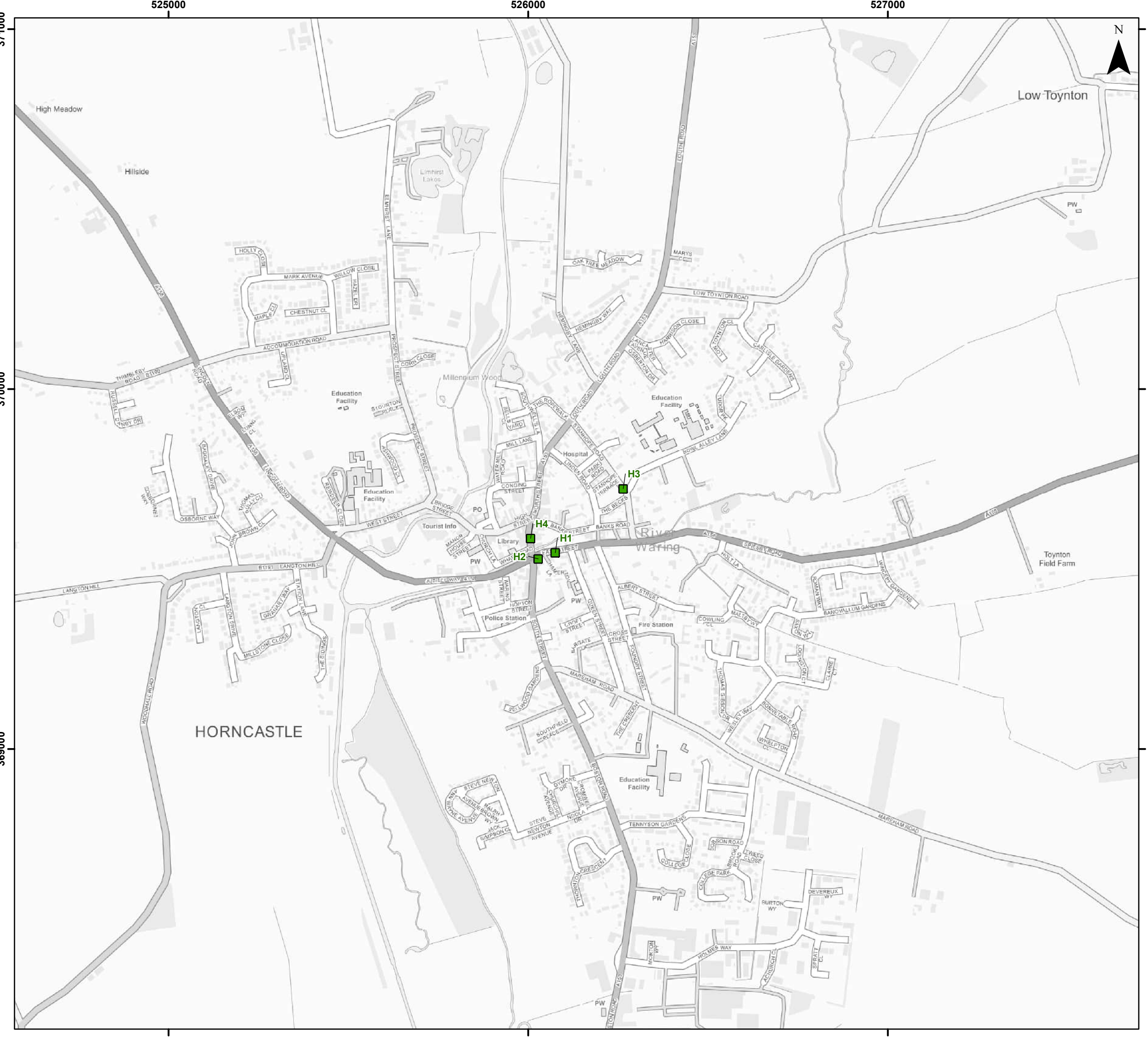


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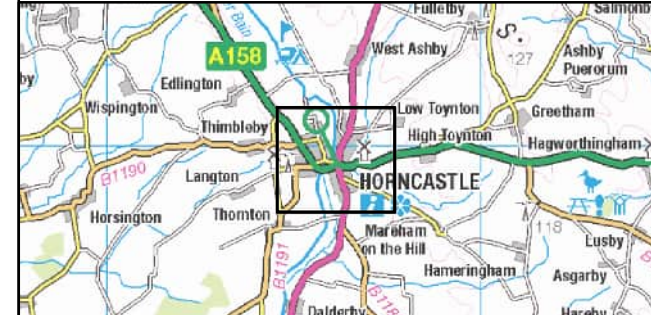
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Legend

- East Lindsey District Council Monitor

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Figure 19.1.2



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 ■ East Lindsey District Council Monitor

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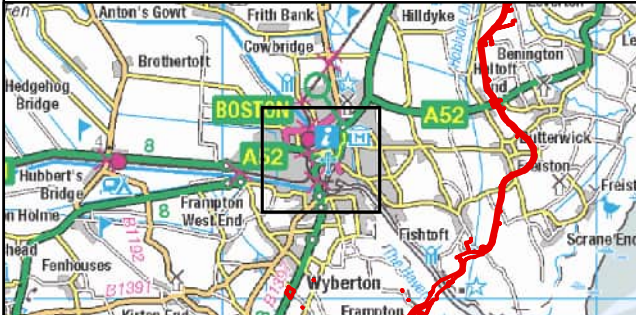
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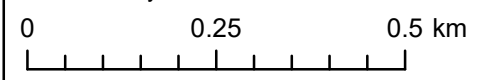
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- Boston Borough Council Monitor
- Air Quality Management Area (AQMA)

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Figure 19.1.4

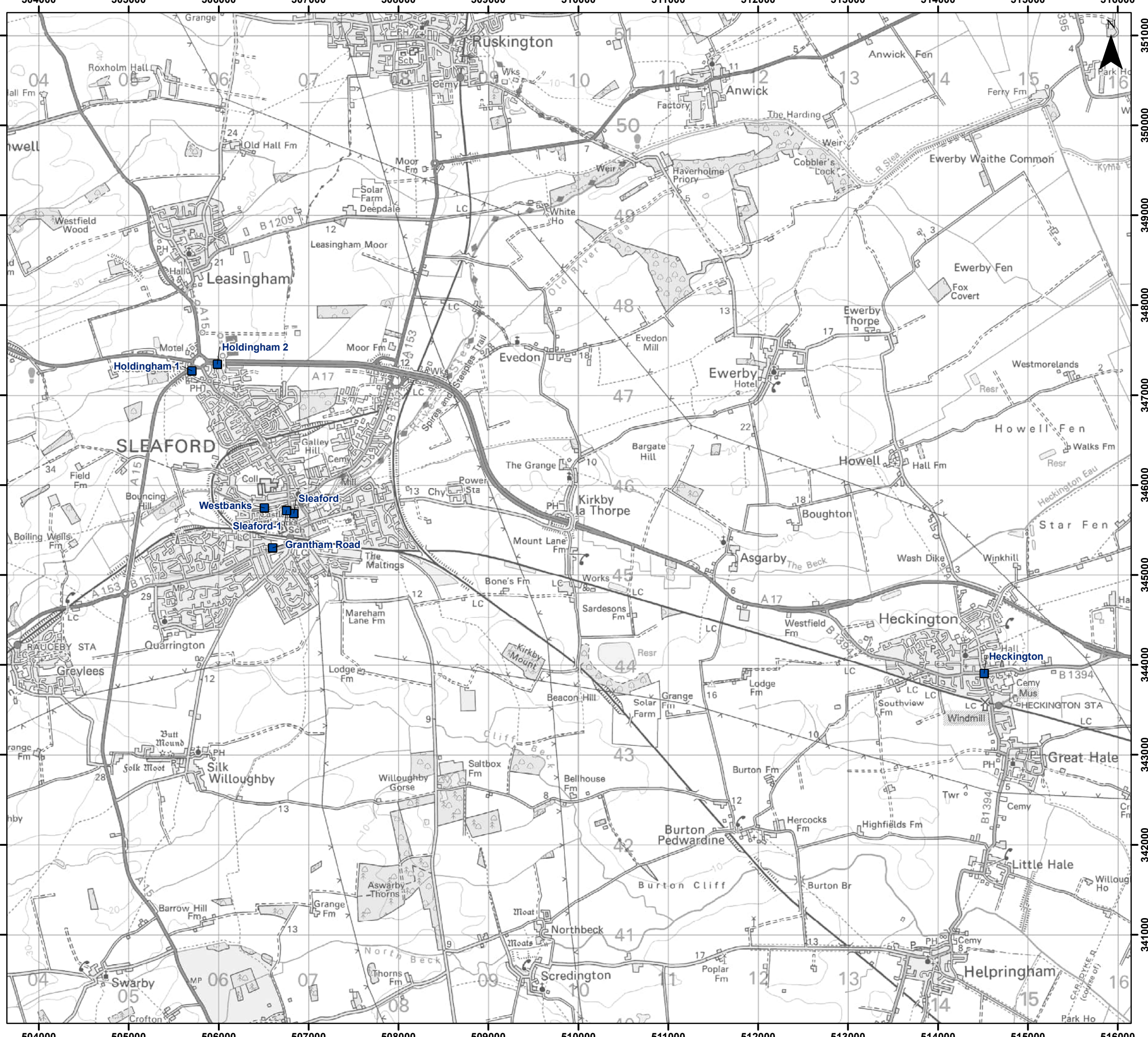


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 ■ North Kesteven District Council Monitor

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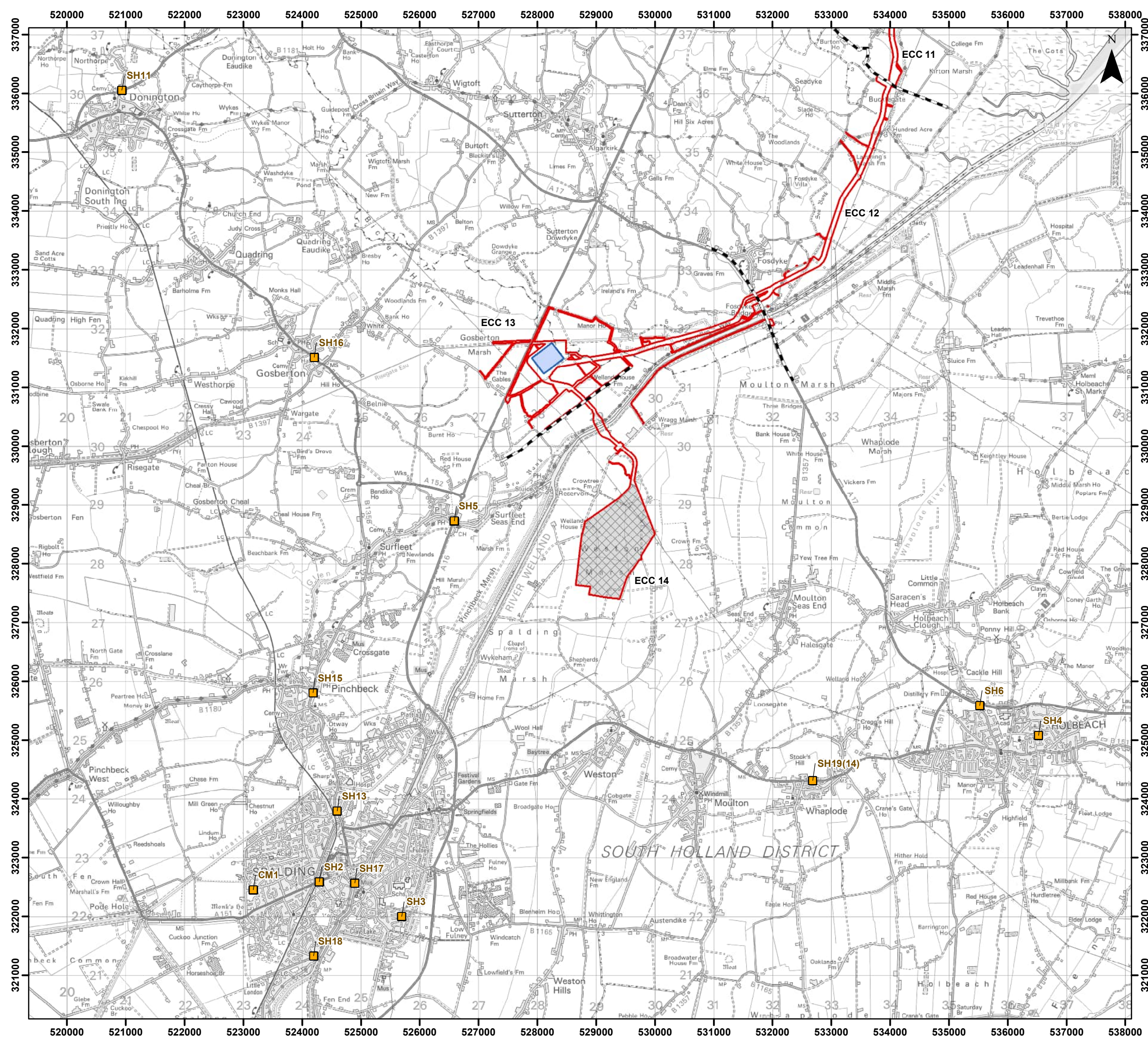


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Legend

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

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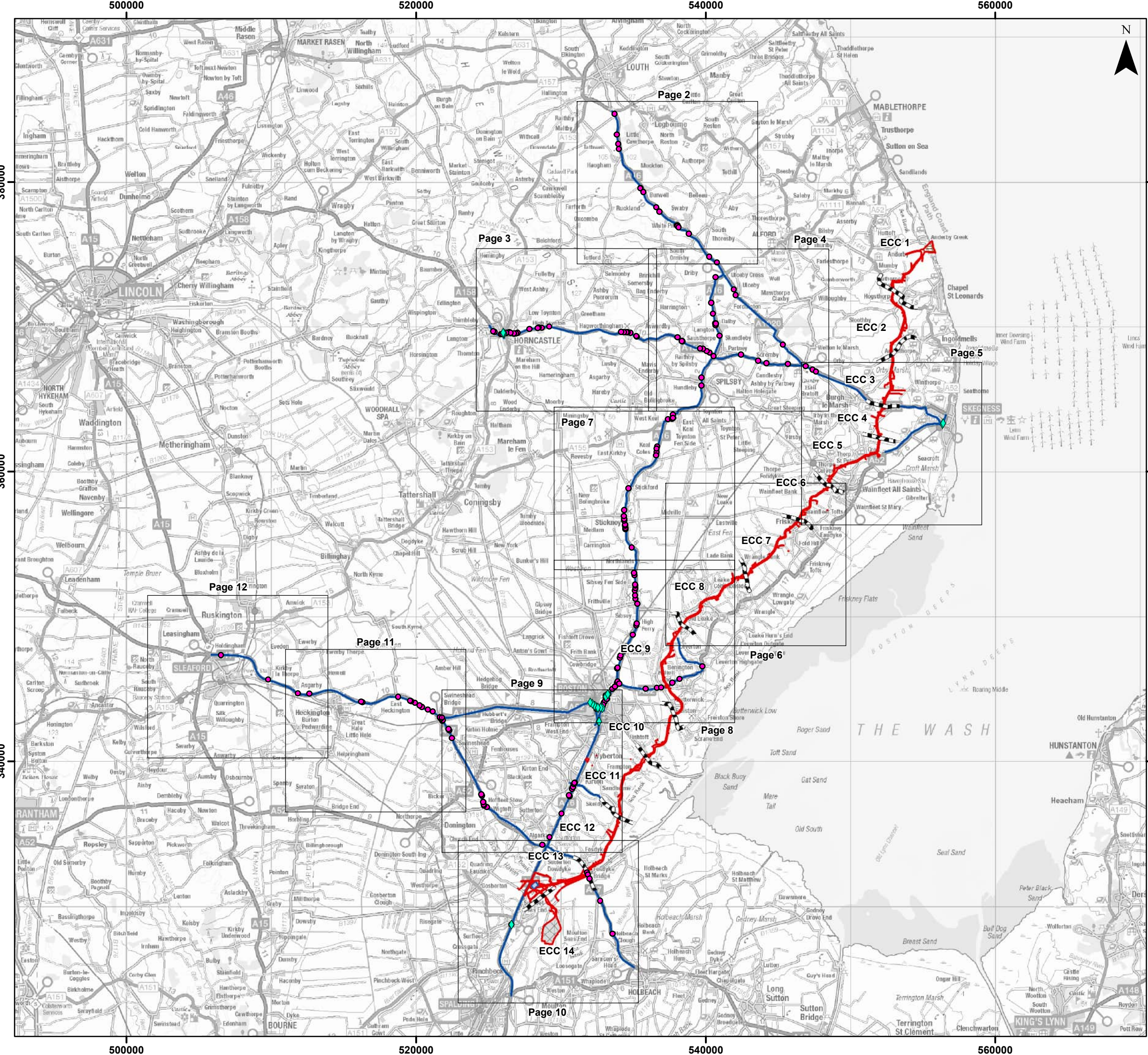


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Legend

- 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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Environmental Statement
 Modelled Road Network and Human Receptors
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OUTER DOWSING
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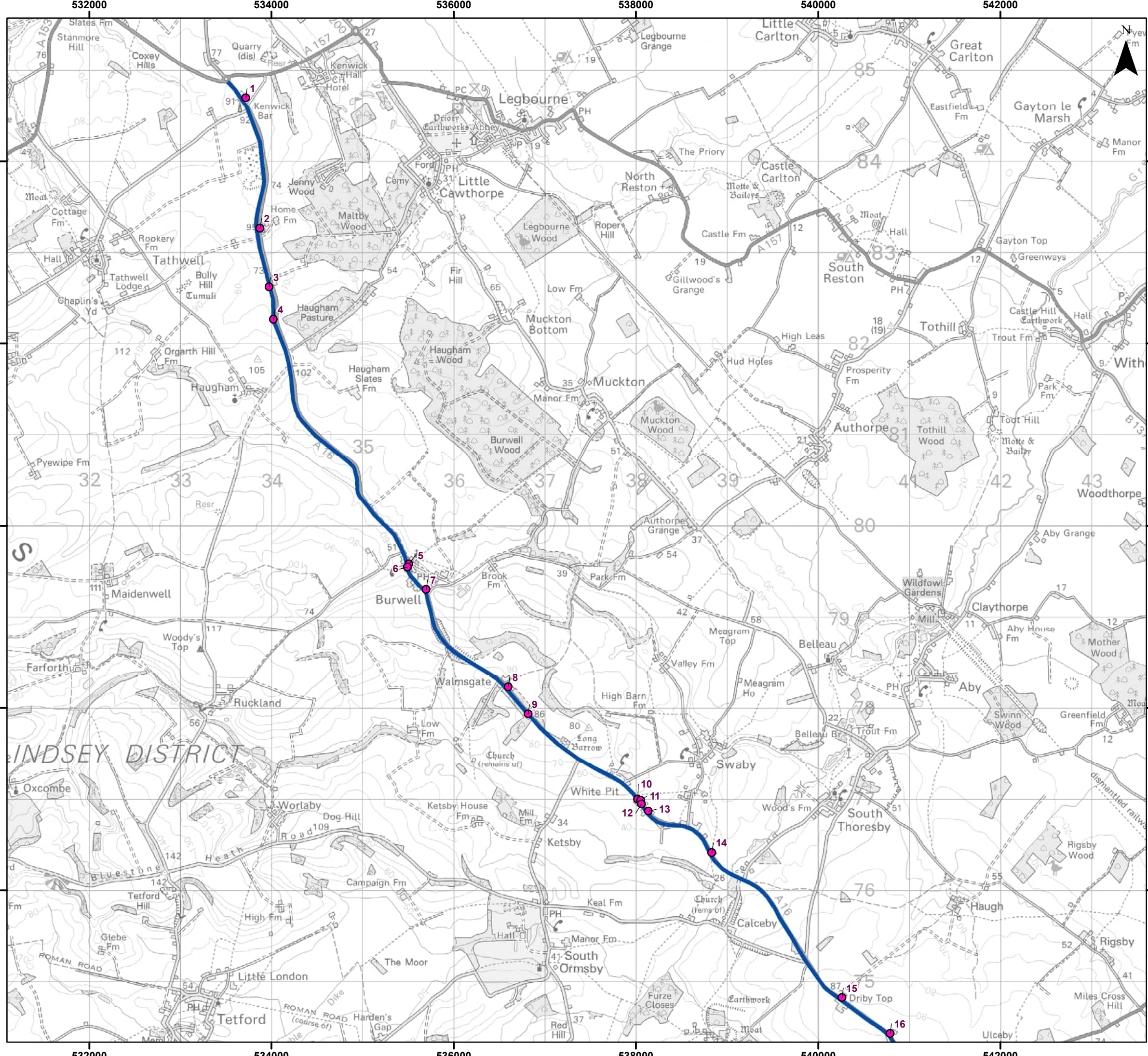


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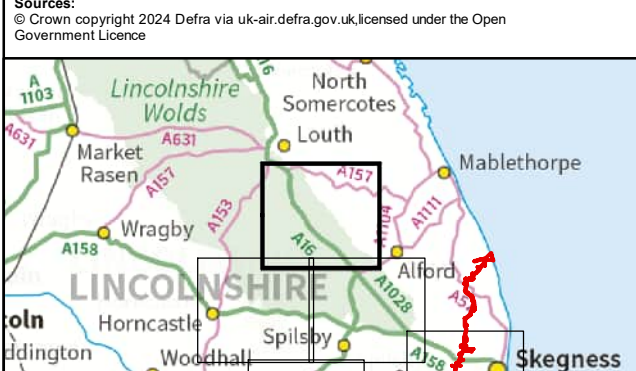
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Legend

- Modelled Road Network
- Modelled Human Receptor

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Environmental Statement

Modelled Road Network & Human Receptors

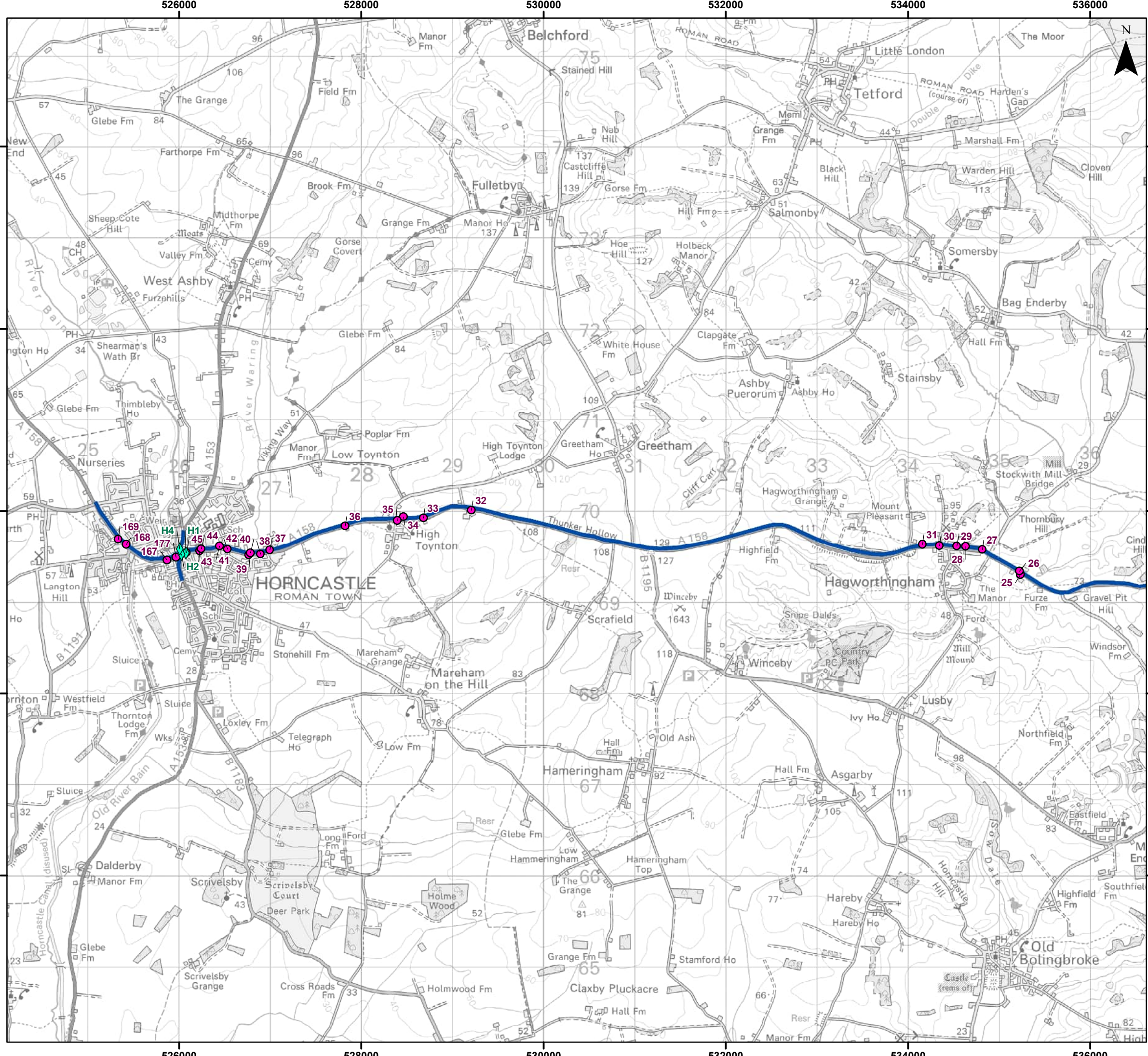
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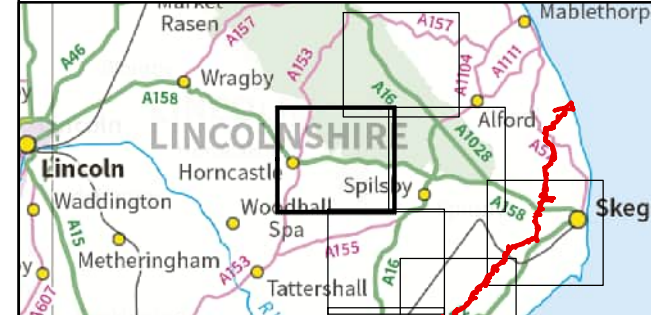
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- Modelled Road Network
- Modelled Human Receptor

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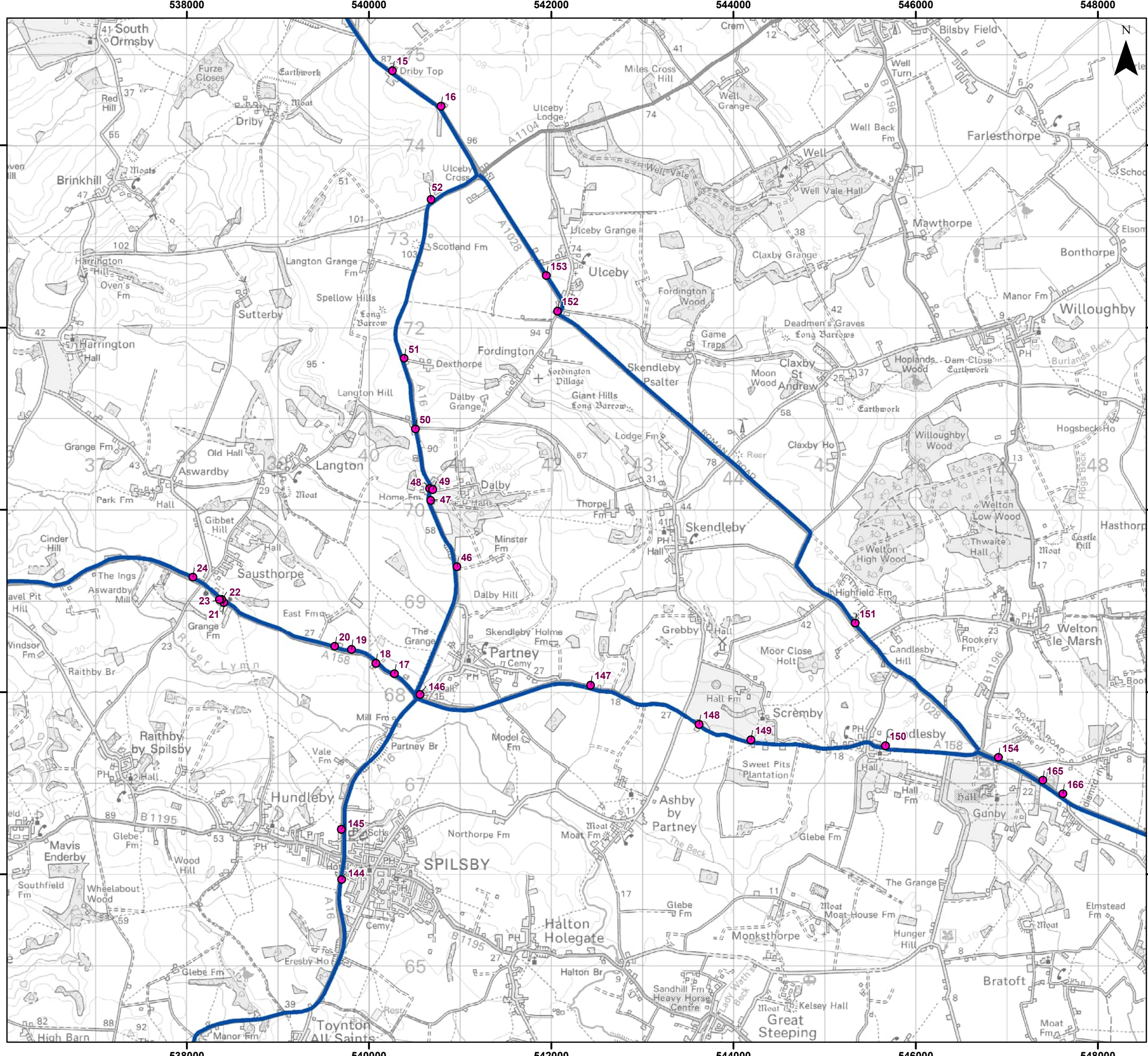
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- Modelled Road Network
- Modelled Human Receptor

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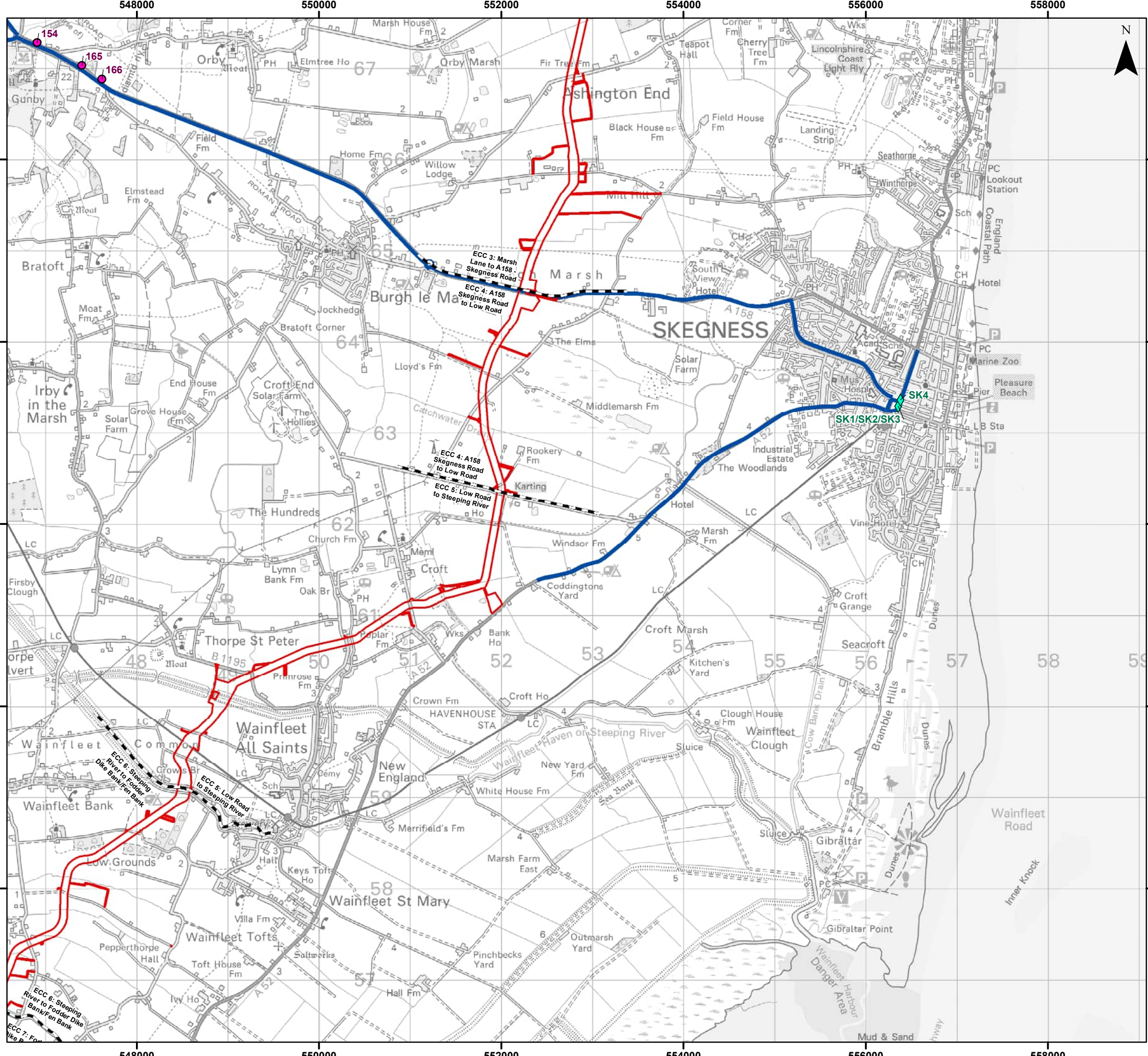
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Legend

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

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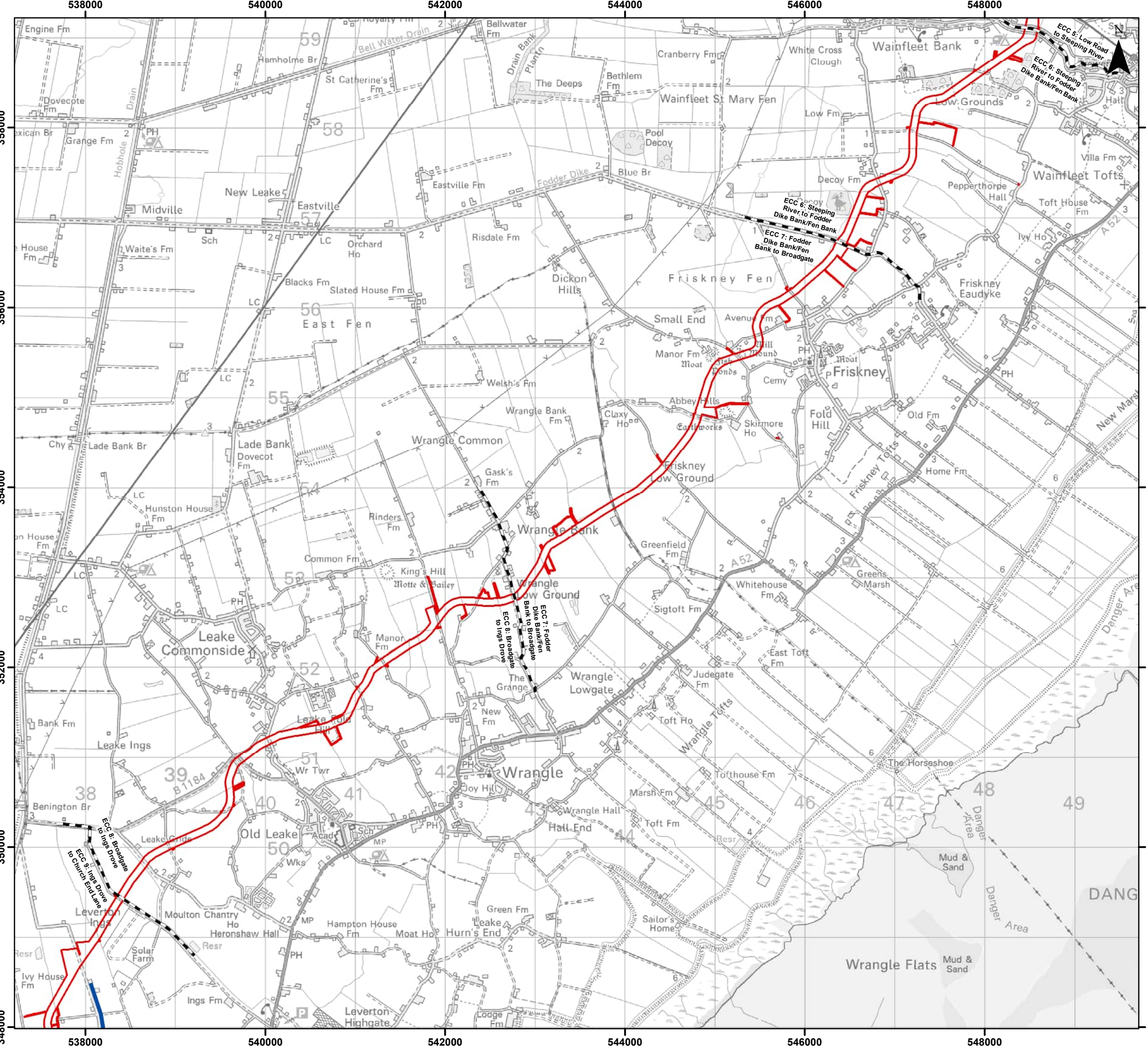


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Legend

- Order Limits
- Onshore Segment Break
- Modelled Road Network

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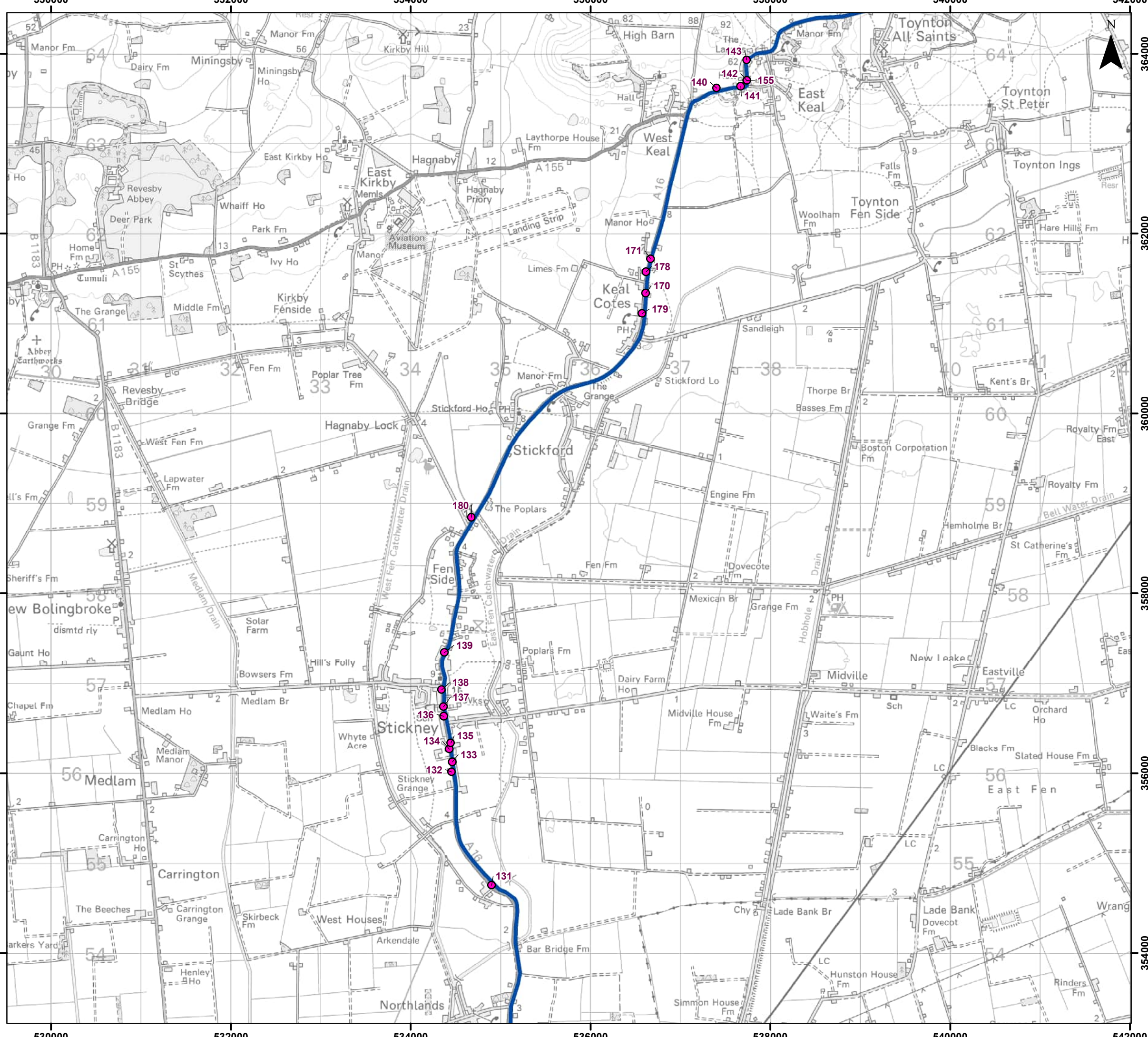
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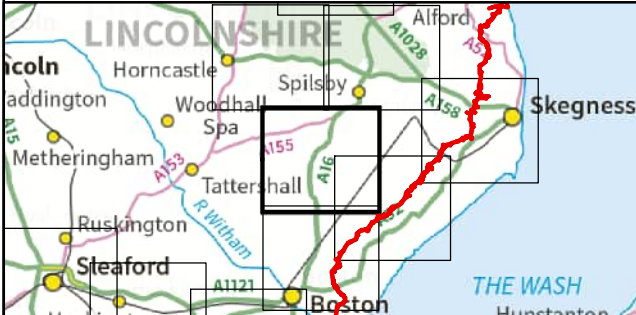
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Legend

- Modelled Road Network
- Modelled Human Receptor

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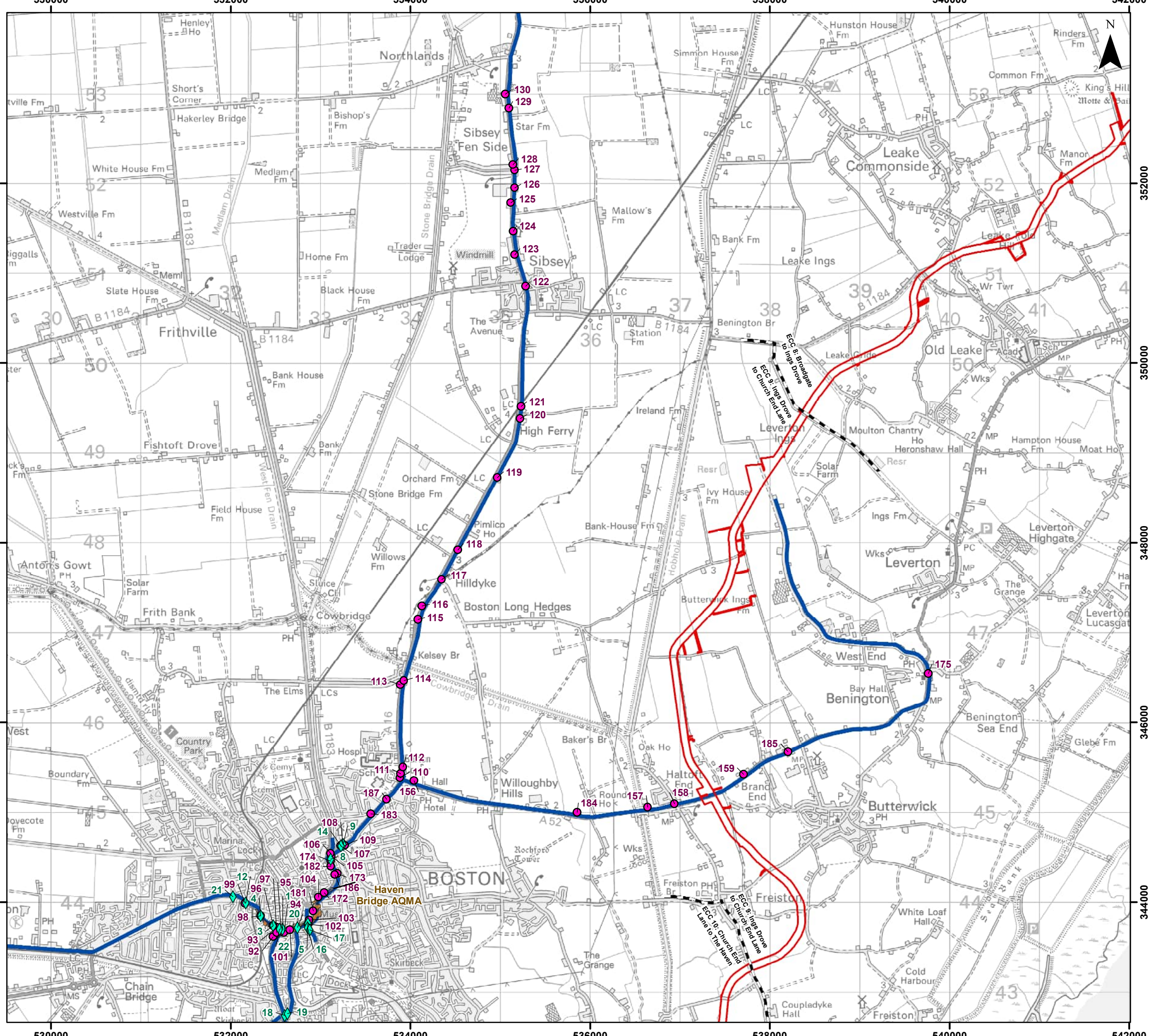
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Legend

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

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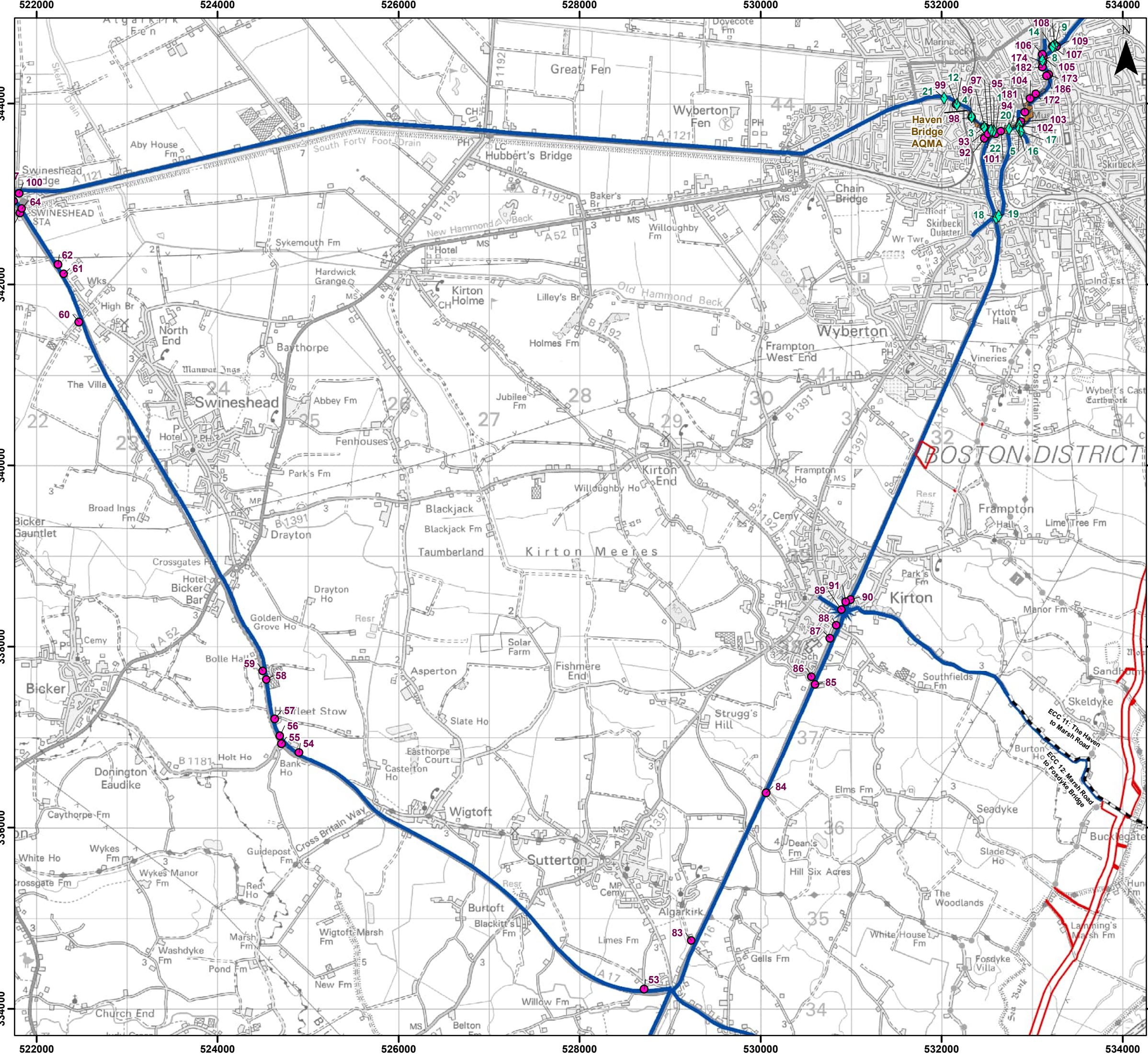


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Legend

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

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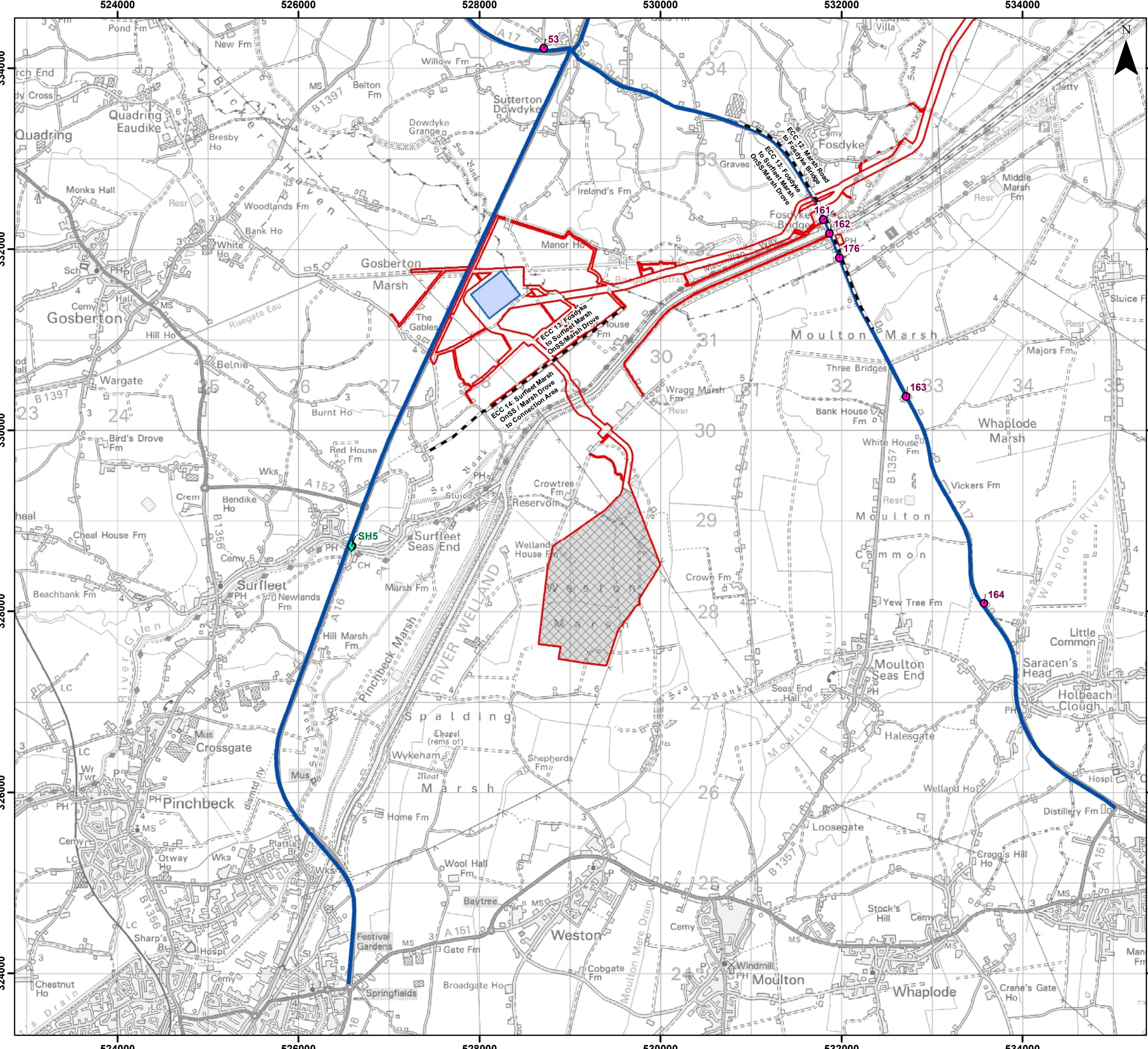
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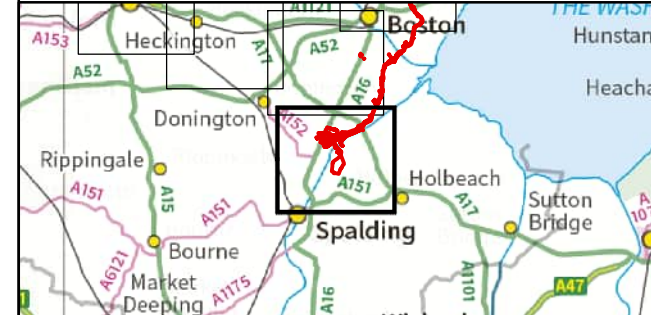
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Legend

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

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Figure 19.2.10



OUTER DOWSING
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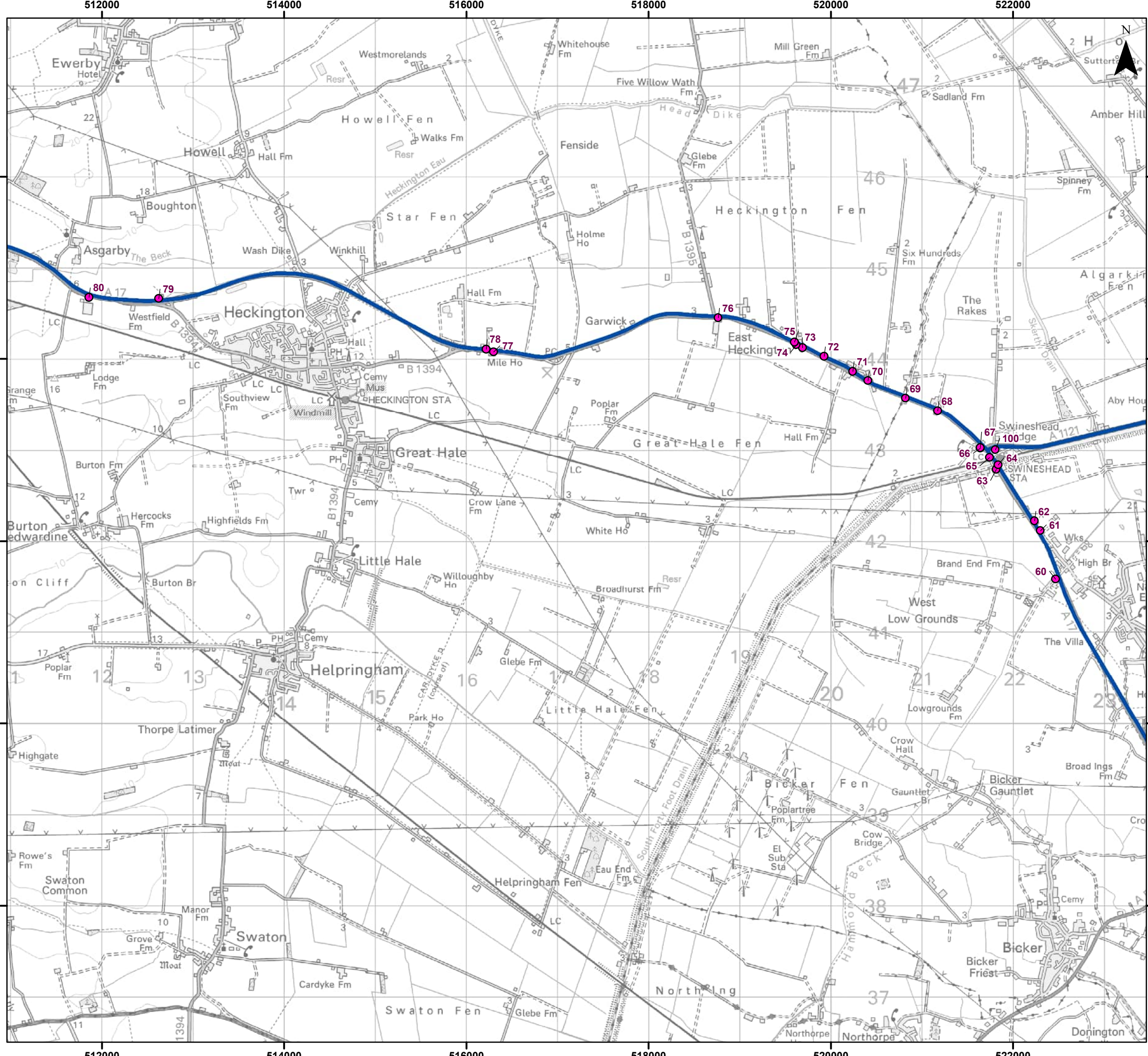


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- Modelled Road Network
- Modelled Human Receptor

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Figure 19.2.11

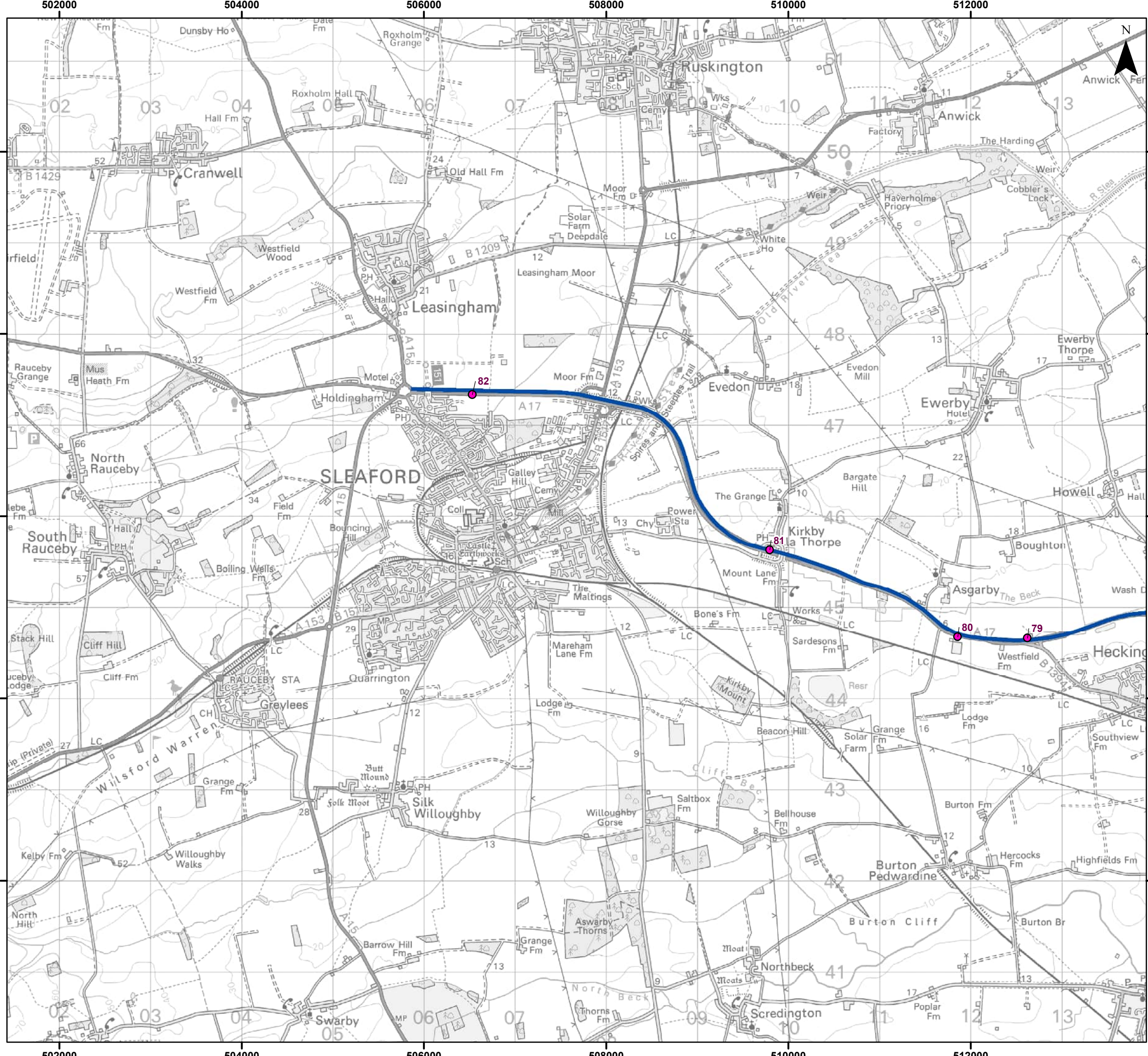


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- Modelled Road Network
- Modelled Human Receptor

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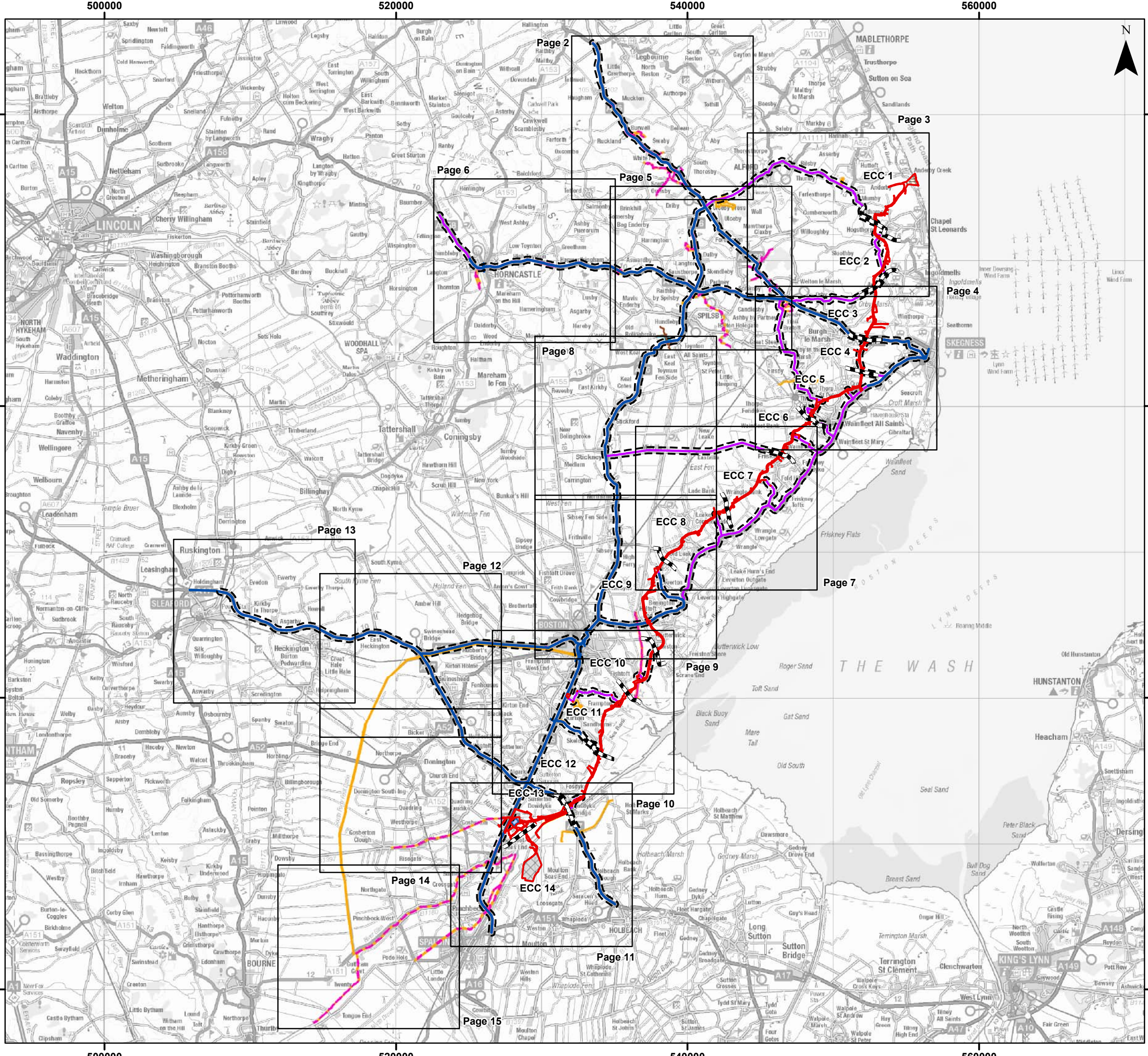
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Figure 19.2.12

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



OUTER DOWSING
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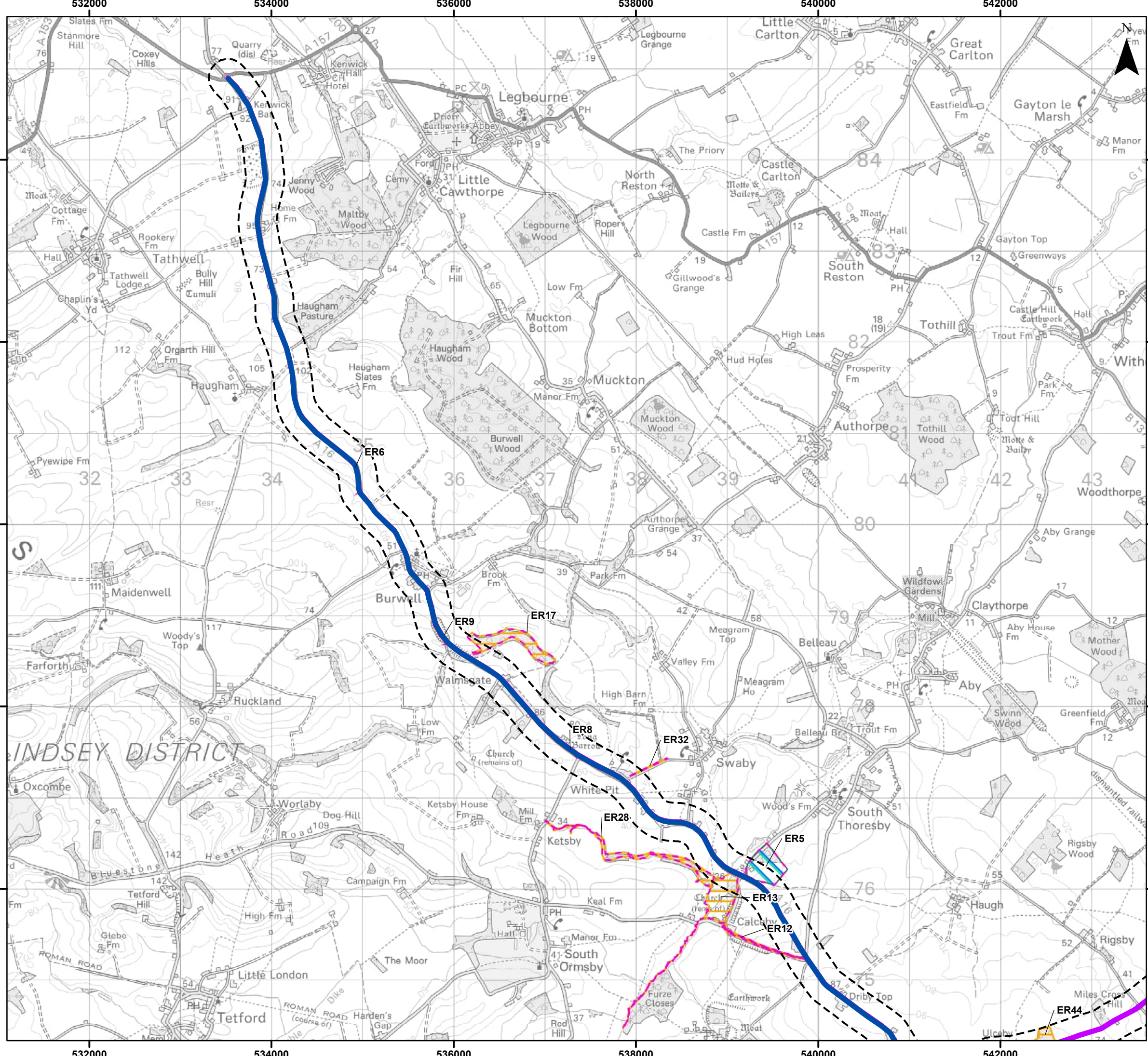


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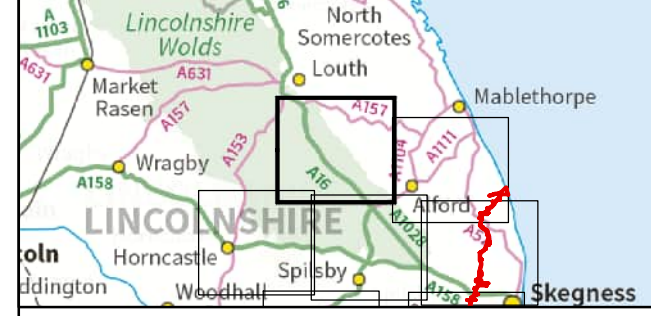
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Legend

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

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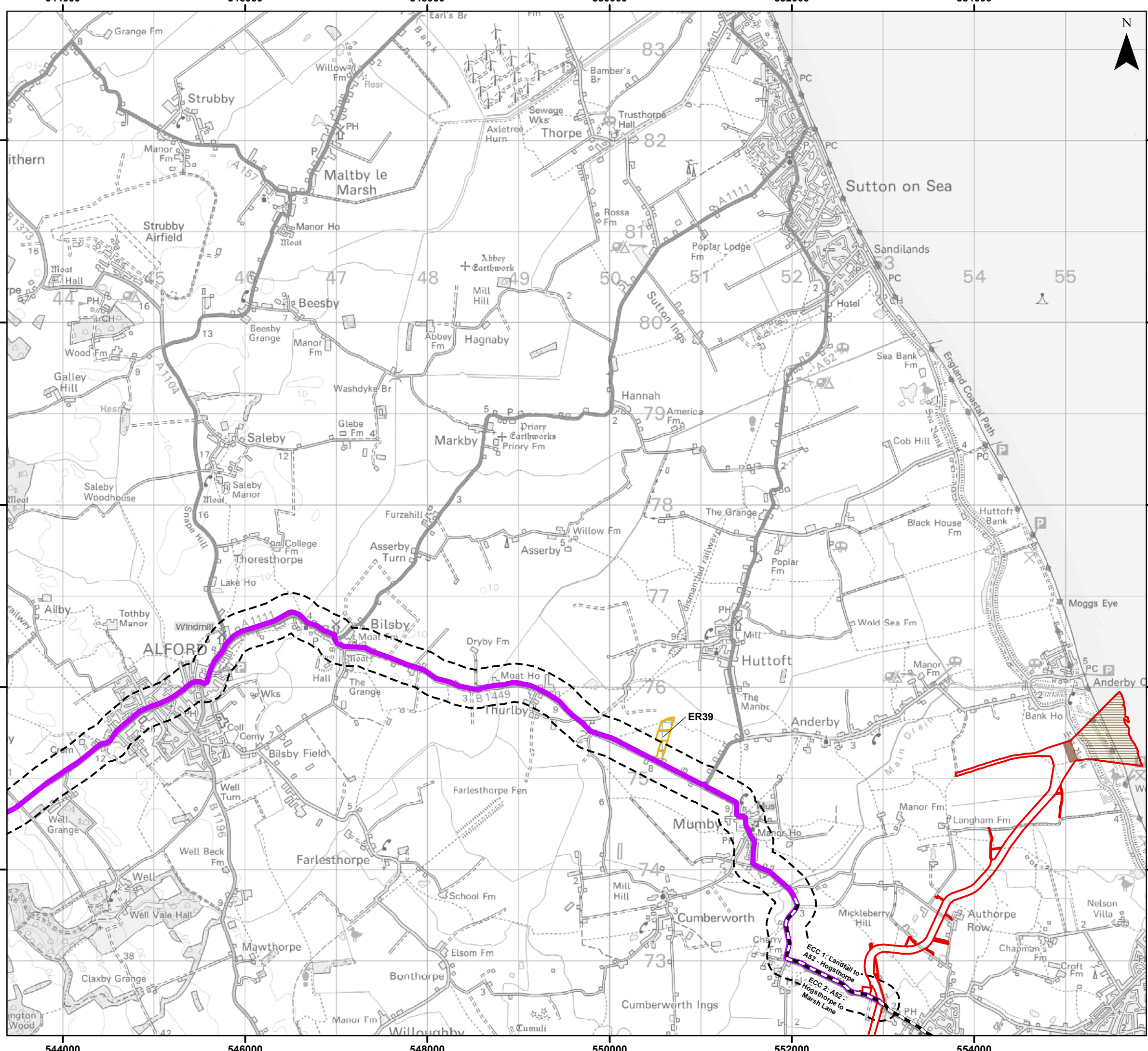


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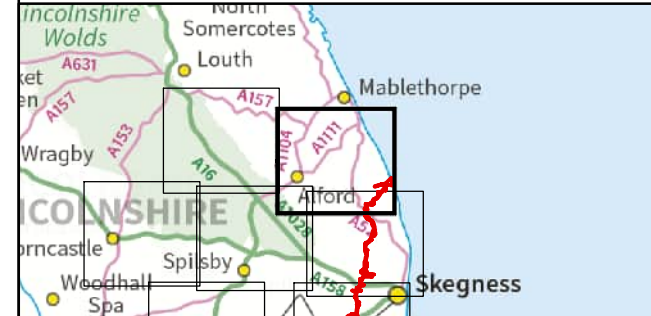
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- ### Legend
- Order Limits
 - Onshore Segment Break
 - Landfall Trenchless Works Area
 - Transition Joint Bay Area
 - Ecological Road Traffic Screening Route
 - Ecological Road Traffic Screening Routes 200 m Buffer
 - Local Wildlife Site (LWS)
 -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

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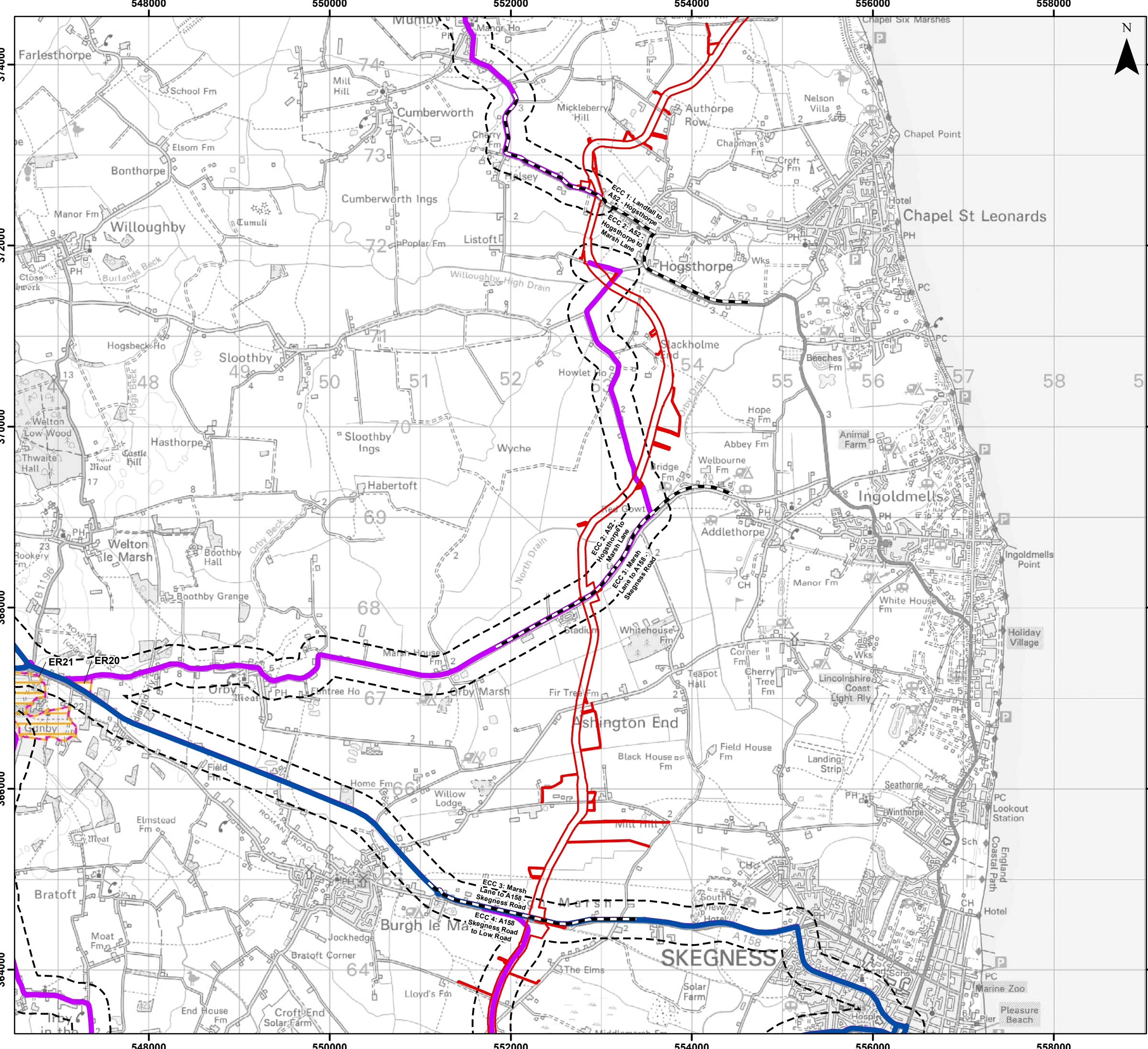


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- ### Legend
- Order Limits
 - Onshore Segment Break
 - Modelled Road Network
 - Ecological Road Traffic Screening Route
 - Ecological Road Traffic Screening Routes 200 m Buffer
 - Modelled Ecological Site
 - Local Wildlife Site (LWS)

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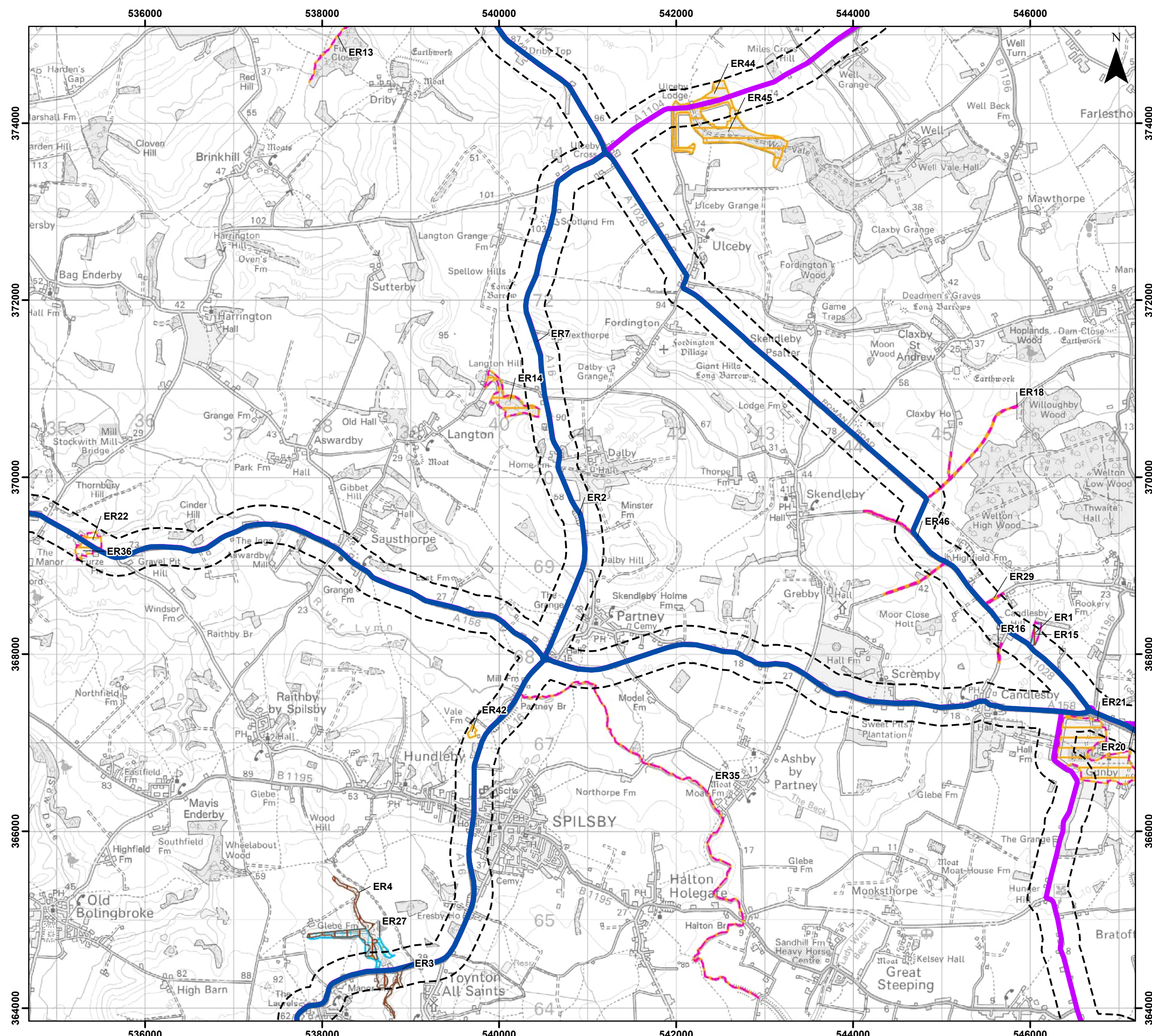


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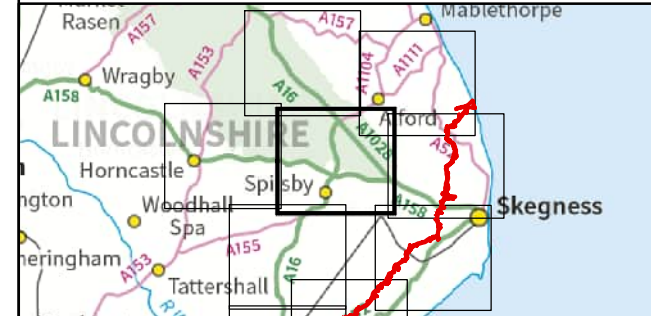
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Legend

- 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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OUTER DOWSING
OFFSHORE WIND

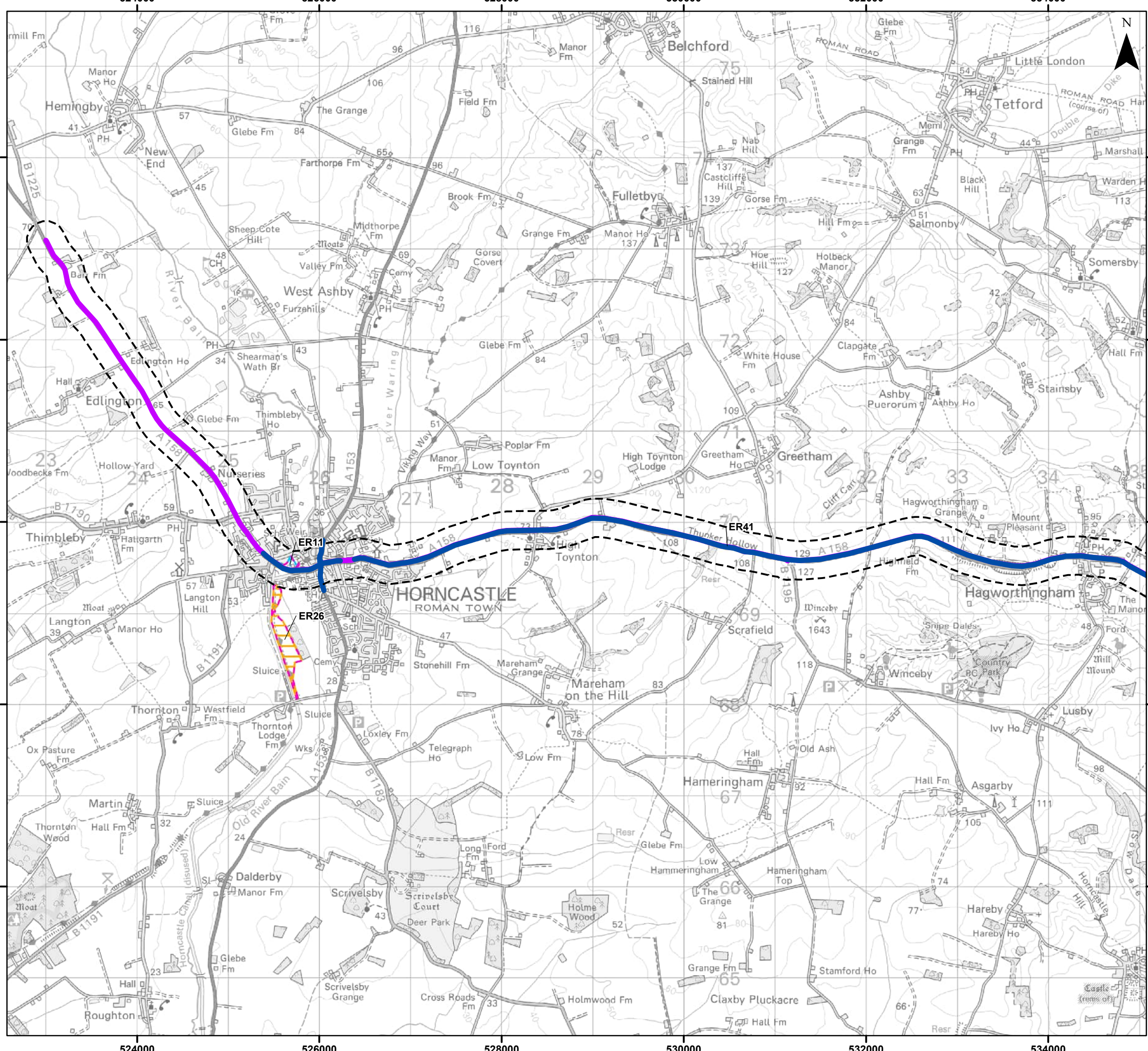


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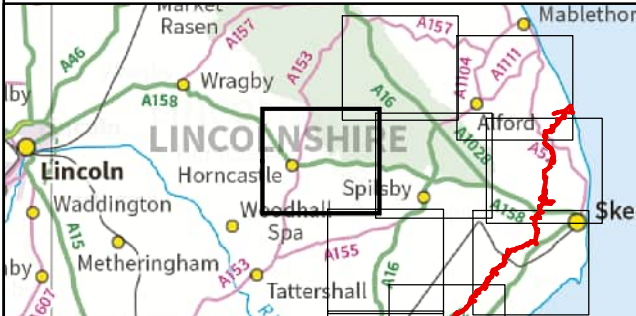
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- ### Legend
- Modelled Road Network
 - Ecological Road Traffic Screening Route
 - Ecological Road Traffic Screening Routes 200 m Buffer
 - Modelled Ecological Site
 - Local Wildlife Site (LWS)
 - Local Wildlife Trust (LWT)

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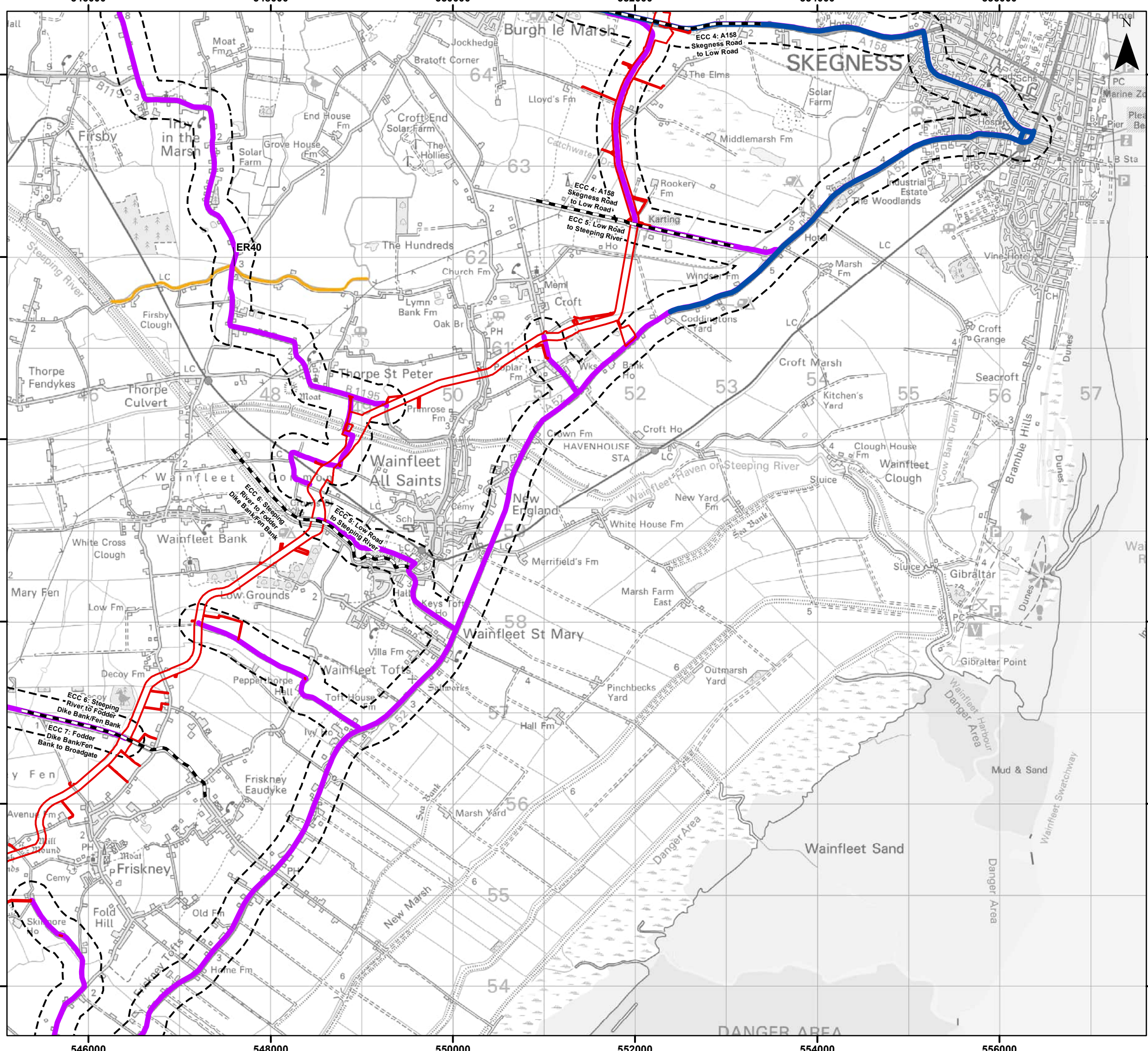


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Legend

- 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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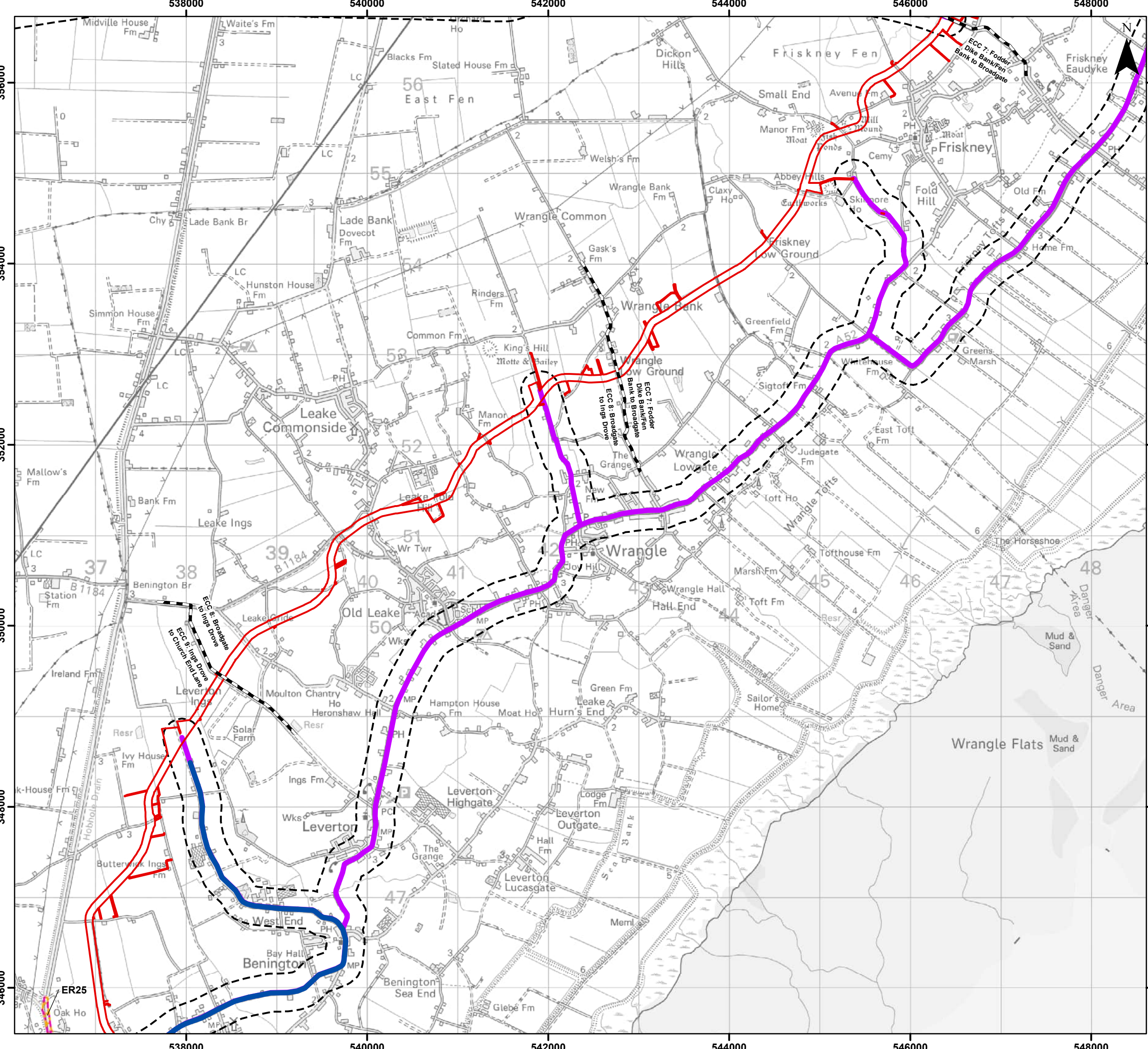




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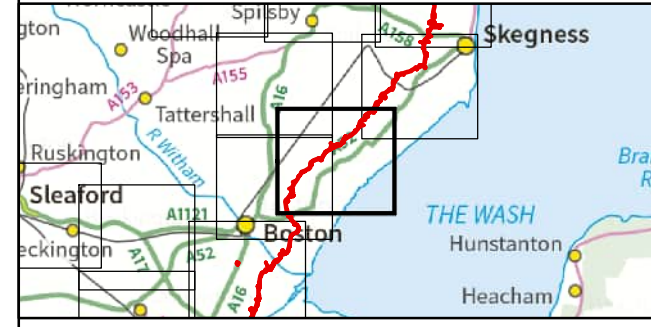
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Legend

- ▭ 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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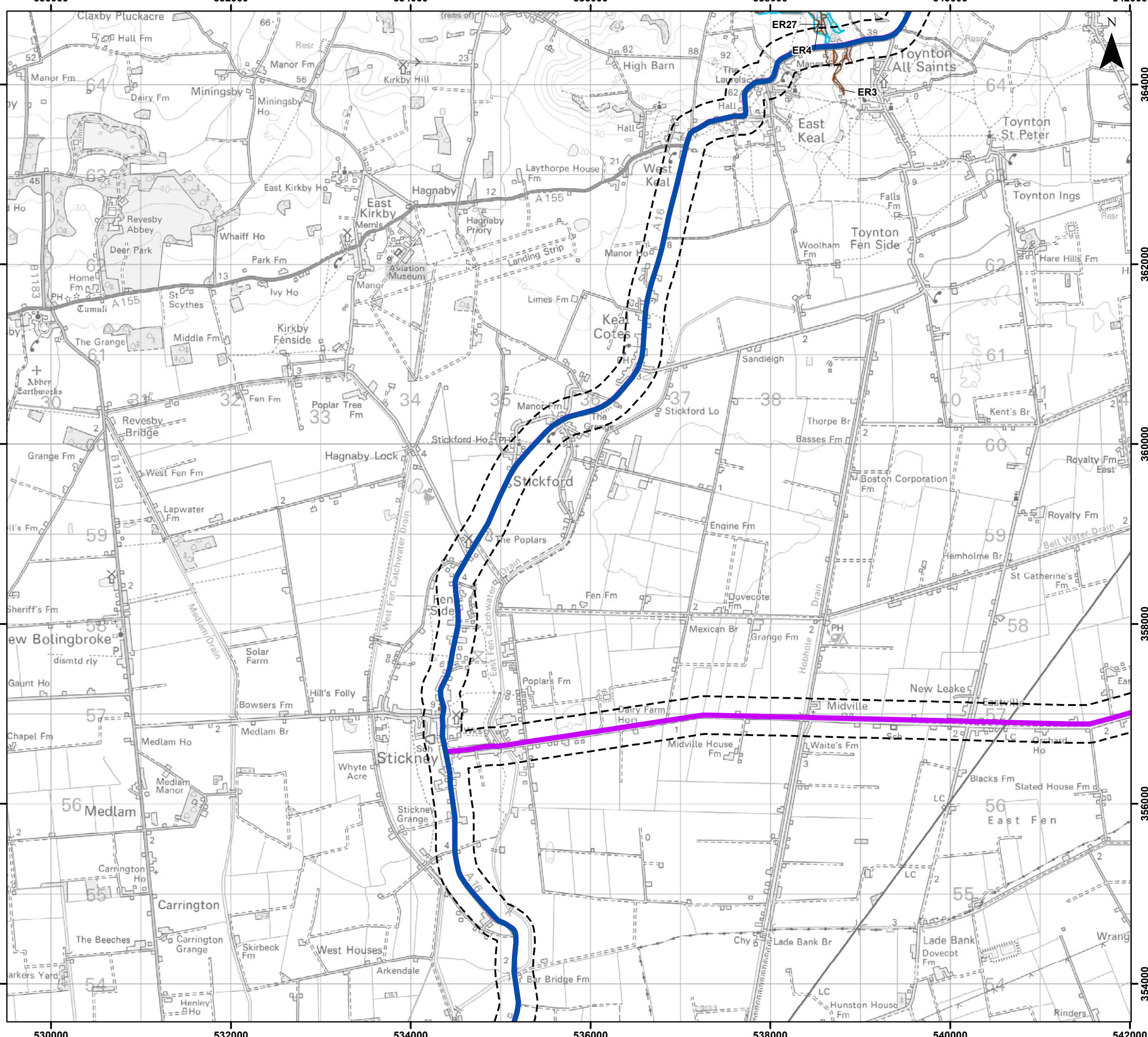
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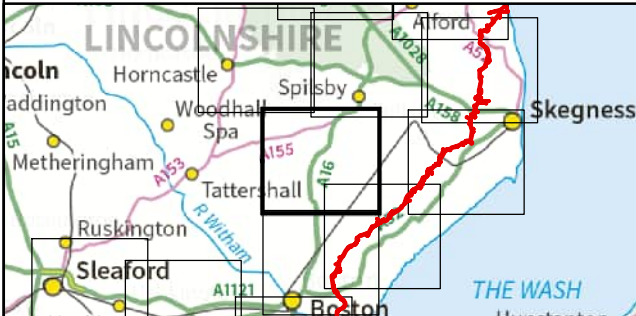
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Legend

- 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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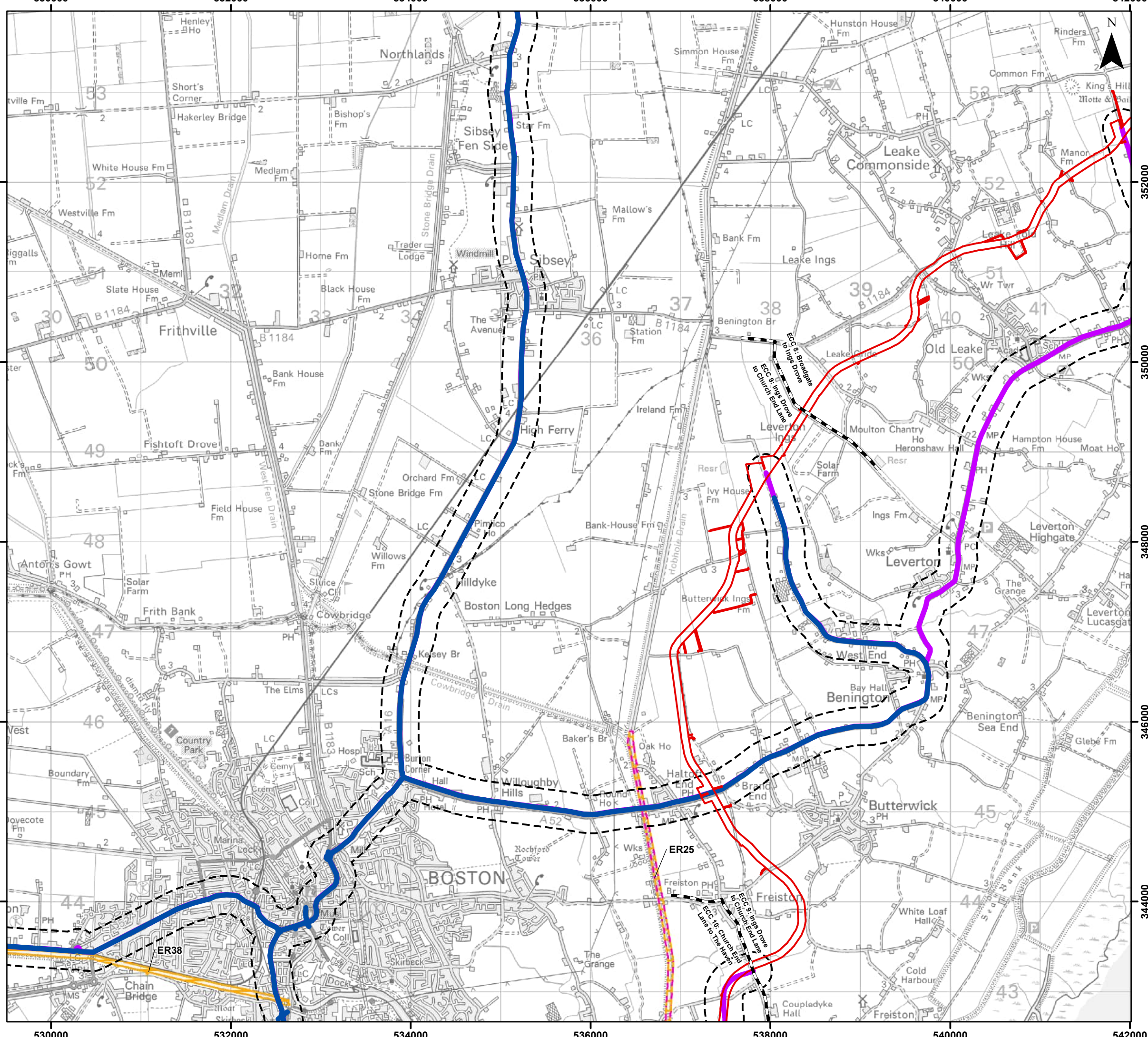
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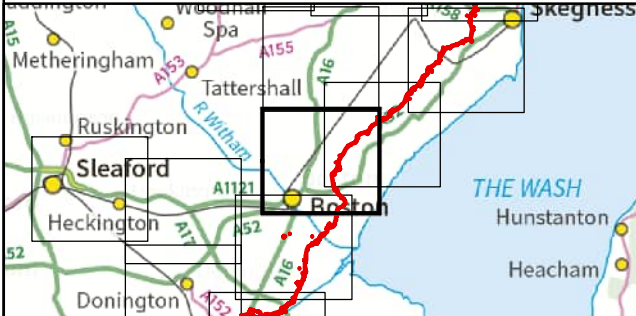
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Legend

- 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

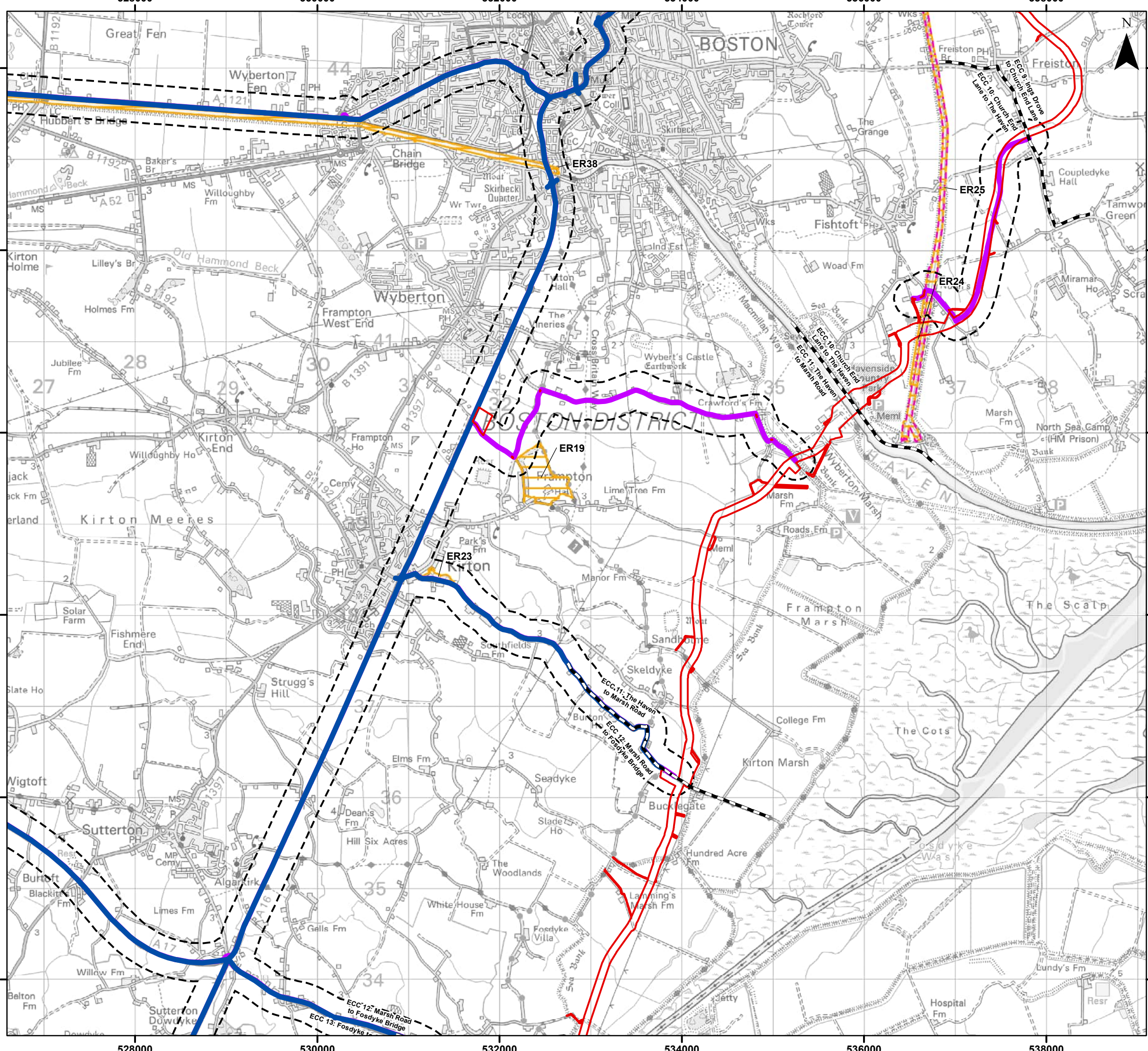


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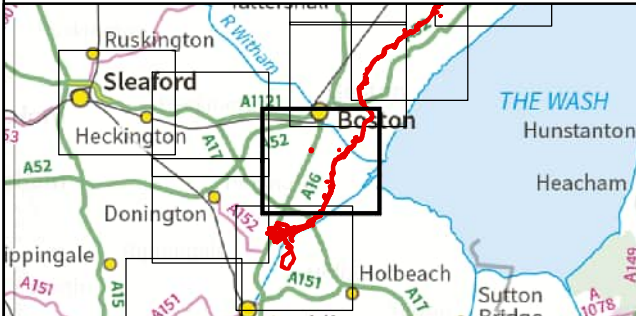
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- ### Legend
- Order Limits
 - Onshore Segment Break
 - Modelled Road Network
 - Ecological Road Traffic Screening Route
 - Ecological Road Traffic Screening Routes
 - 200 m Buffer
 - Modelled Ecological Site
 - Local Wildlife Site (LWS)

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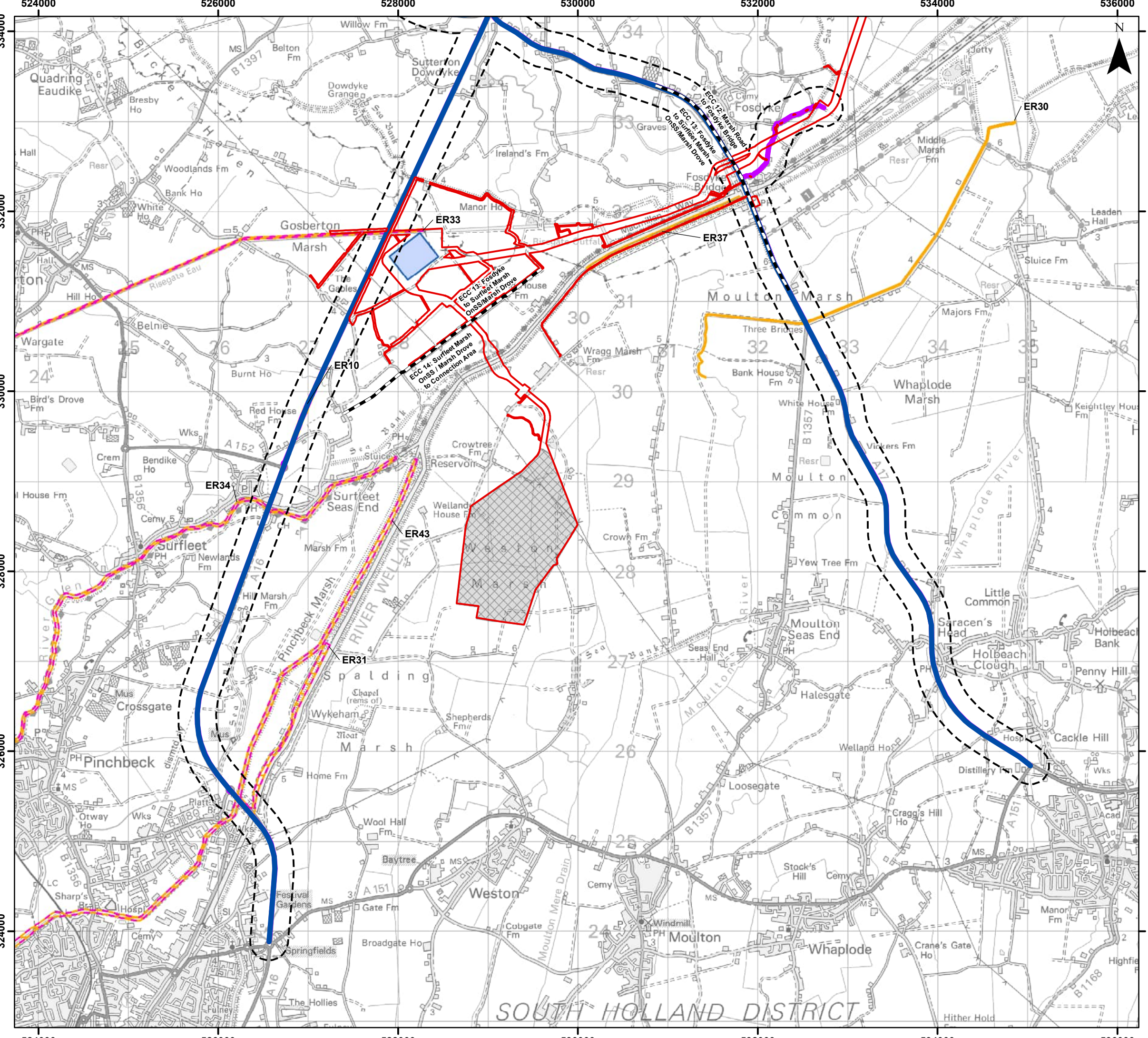
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Legend

- Order Limits
- Onshore Segment Break
- 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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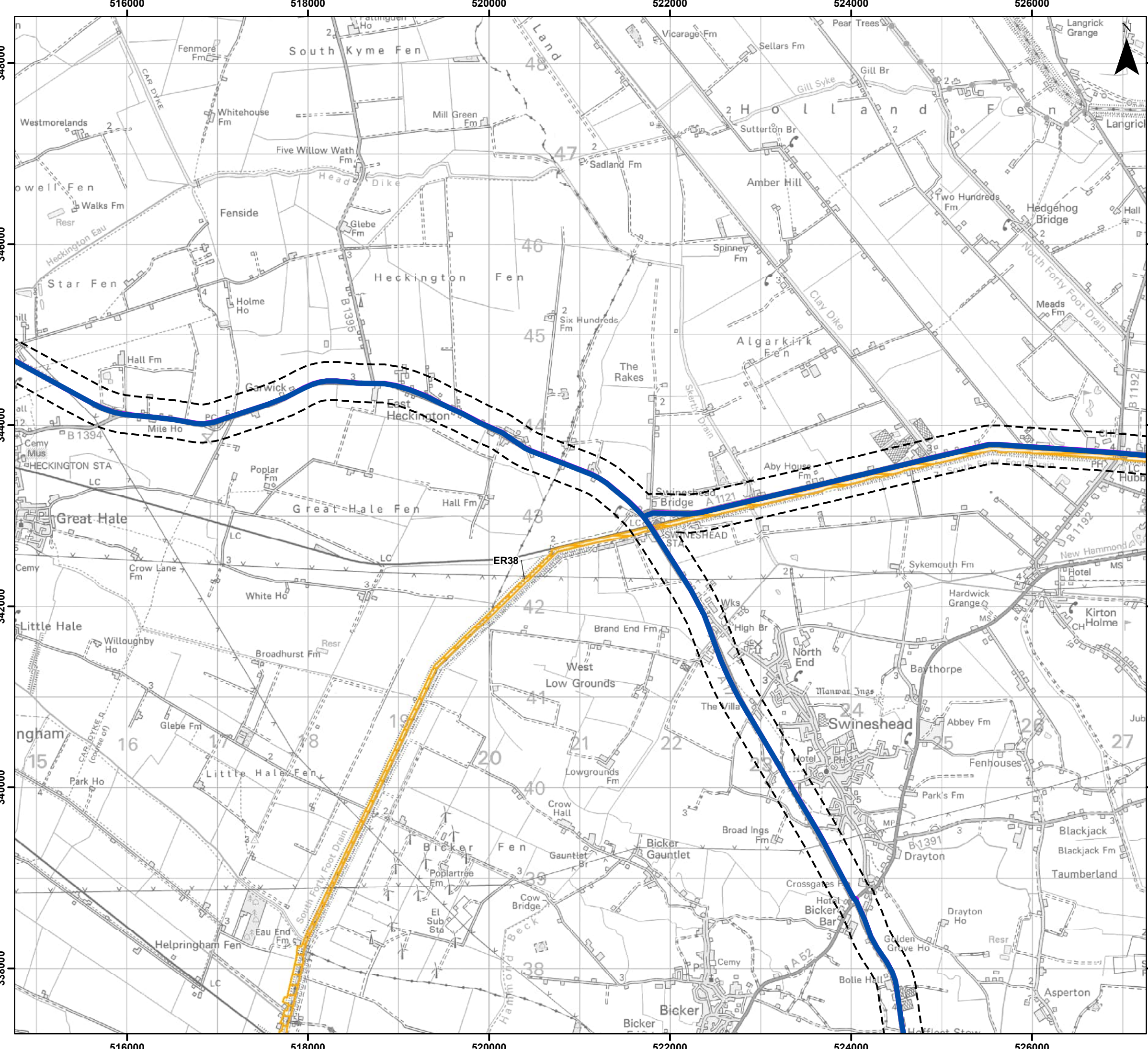


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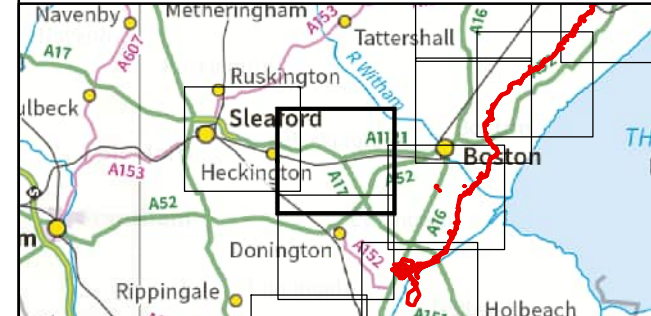
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- ### Legend
- Modelled Road Network
 - Ecological Road Traffic Screening Route
 - Ecological Road Traffic Screening Routes 200 m Buffer
 - Local Wildlife Site (LWS)

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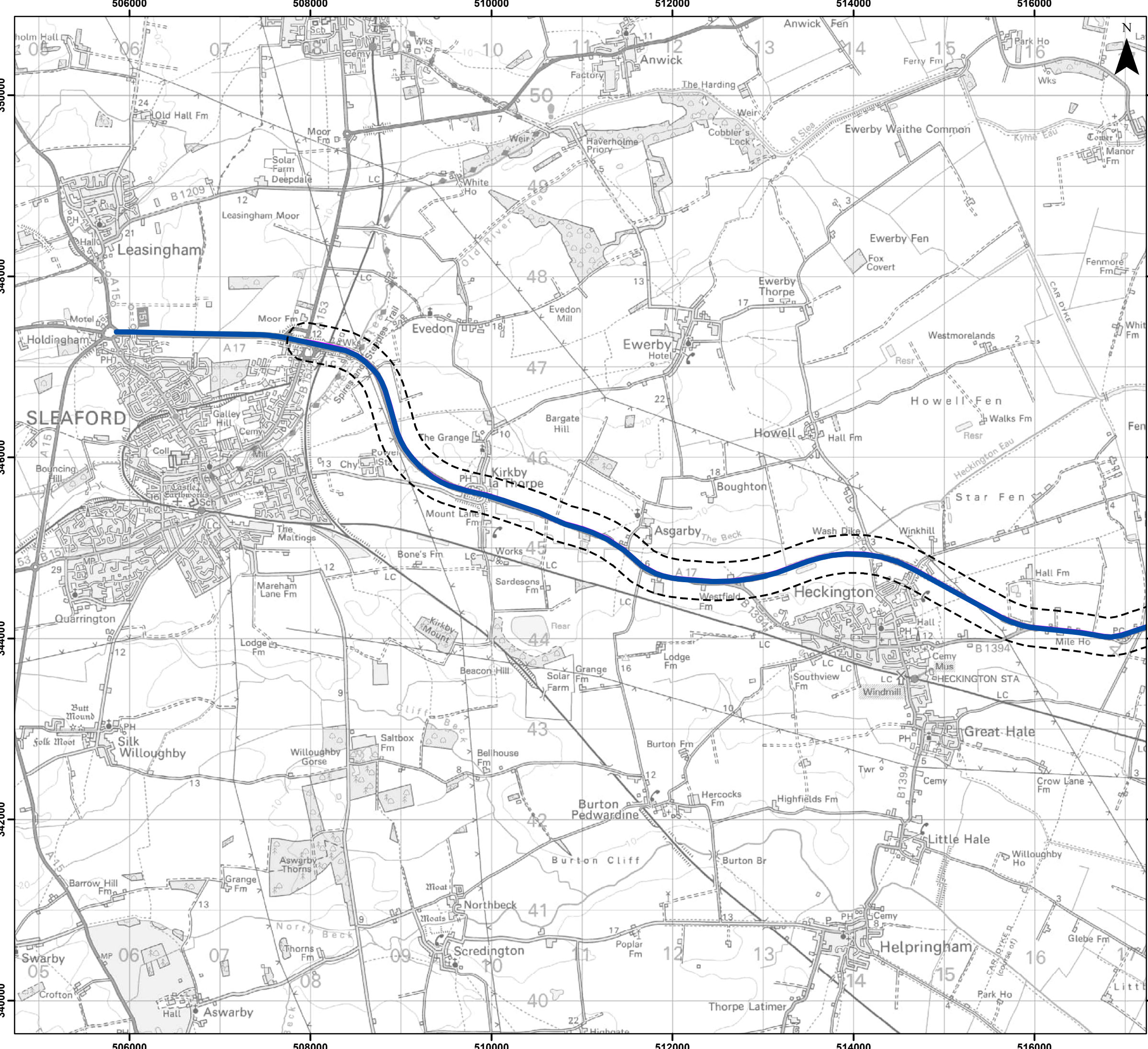


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Legend

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

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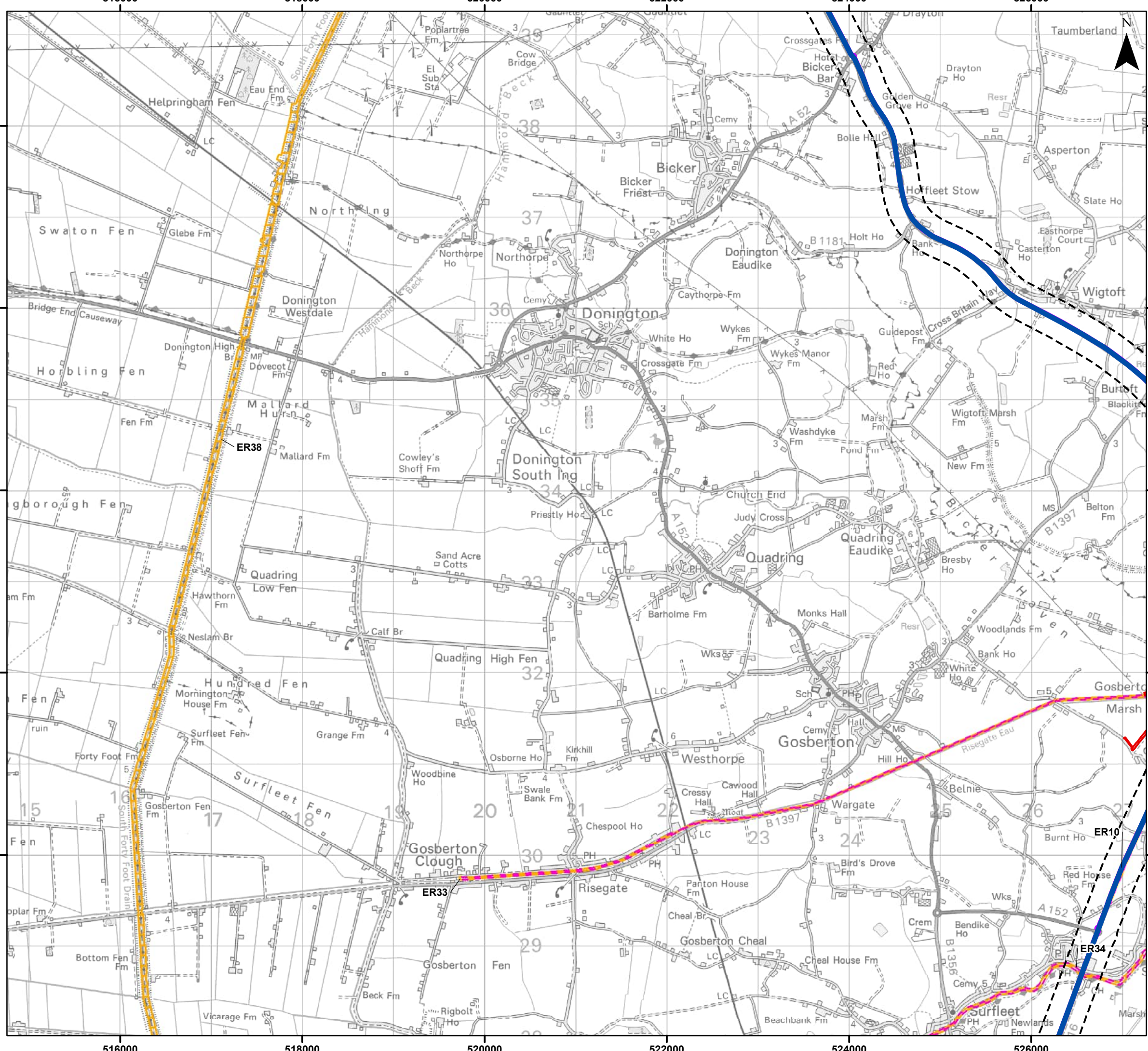


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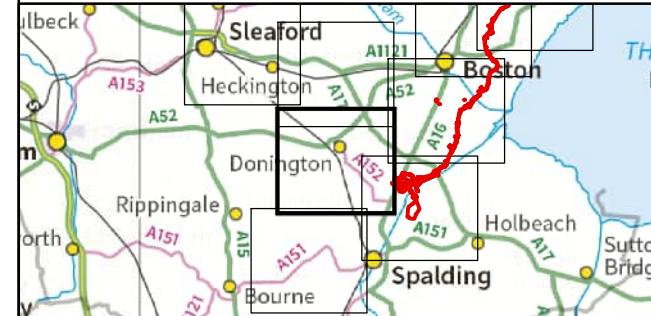
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- ### Legend
- Order Limits
 - Modelled Road Network
 - Ecological Road Traffic Screening Route
 - Ecological Road Traffic Screening Routes
 - 200 m Buffer
 - Modelled Ecological Site
 - Local Wildlife Site (LWS)

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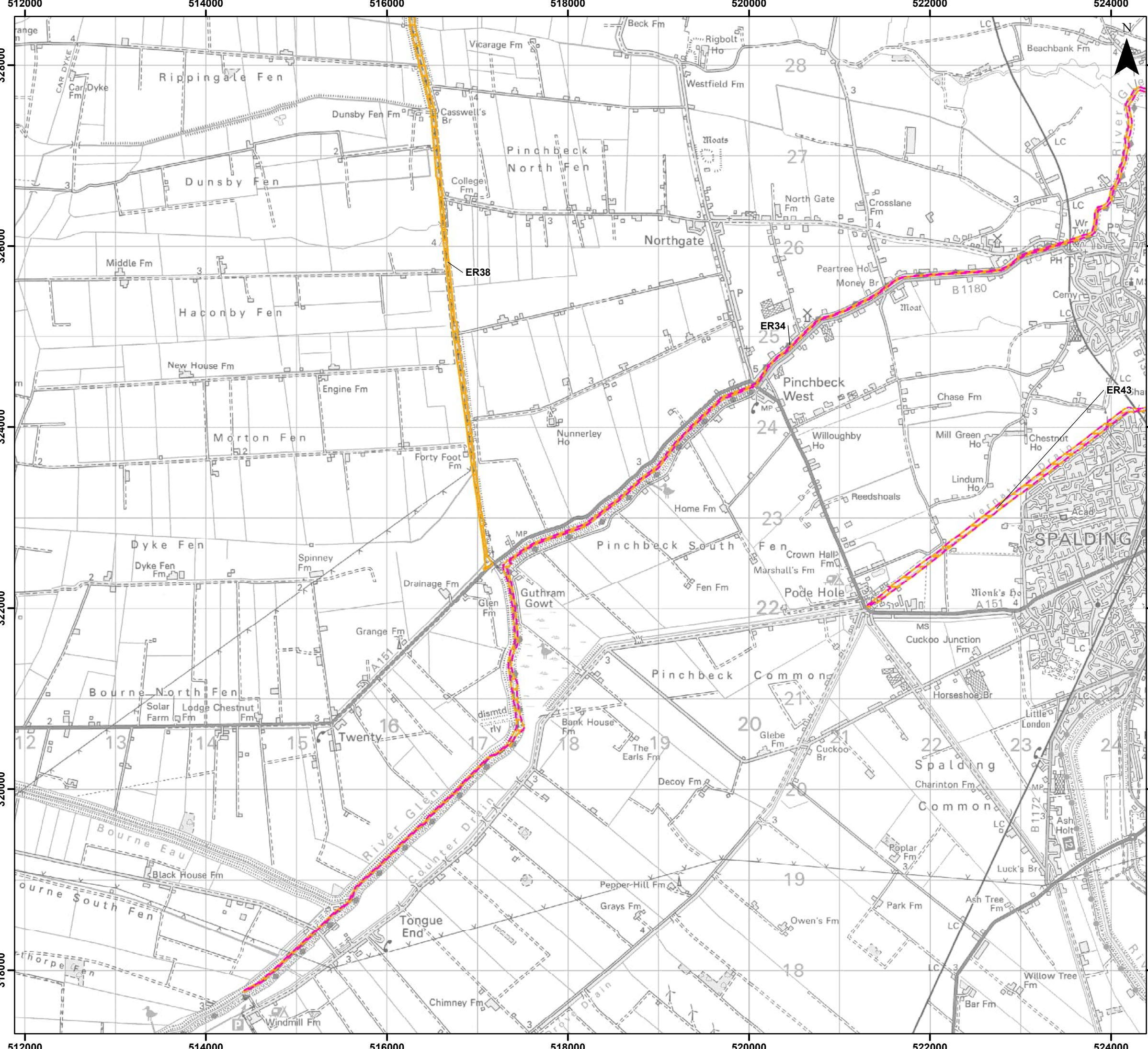


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Legend

- Modelled Ecological Site
- Local Wildlife Site (LWS)

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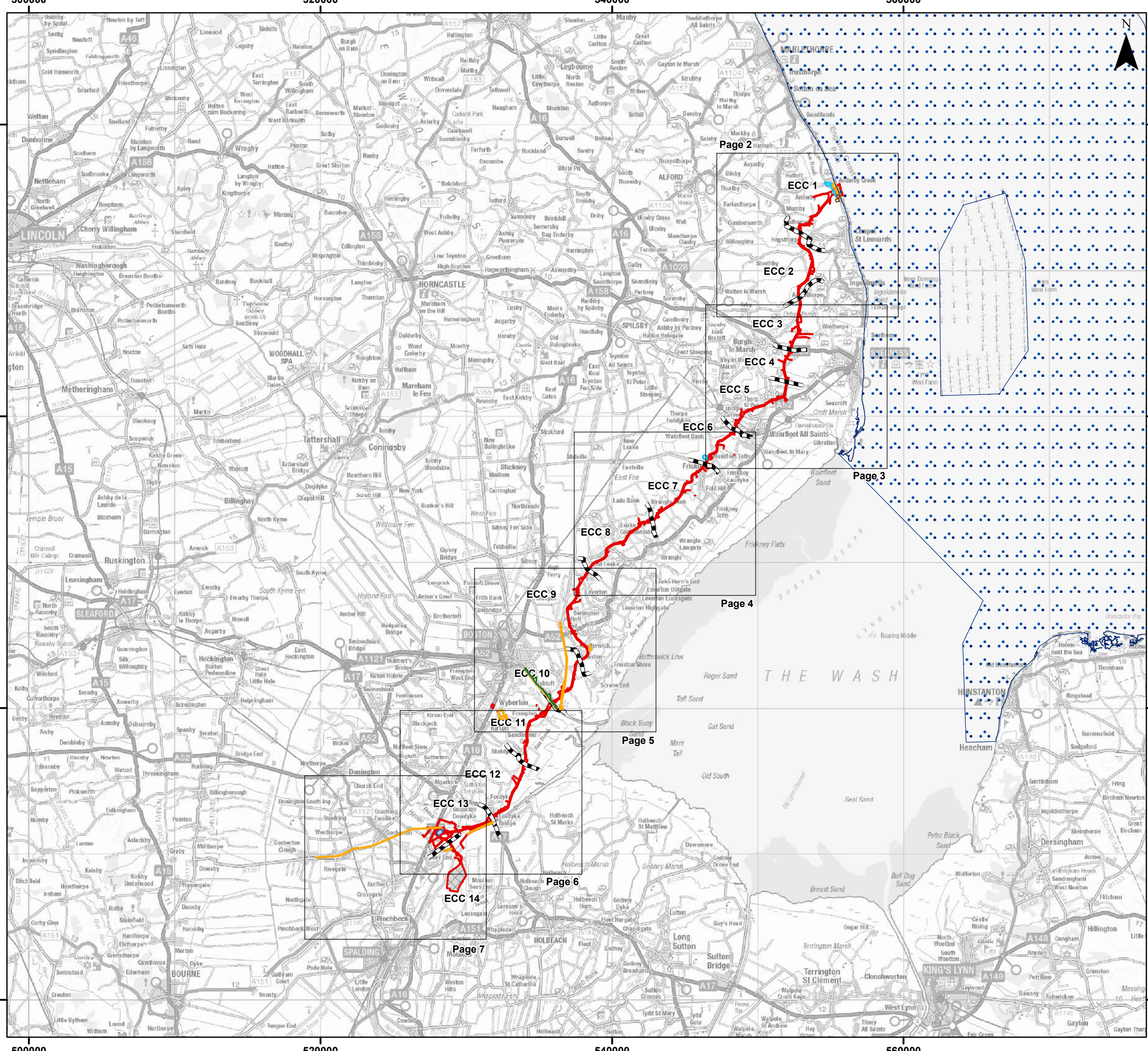
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- ### Legend
- Order Limits
 - Onshore Segment Break
 - Onshore Substation (OnSS) Footprint
 - Landfall Trenchless Works Area
 - Transition Joint Bay Area
 - Connection Area
 - Special Protection Area (SPA)
 - Site of Special Scientific Interest (SSSI)
 - 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

Non-Road Mobile Machinery Emissions Affected Areas Overview

Figure 19.4.1

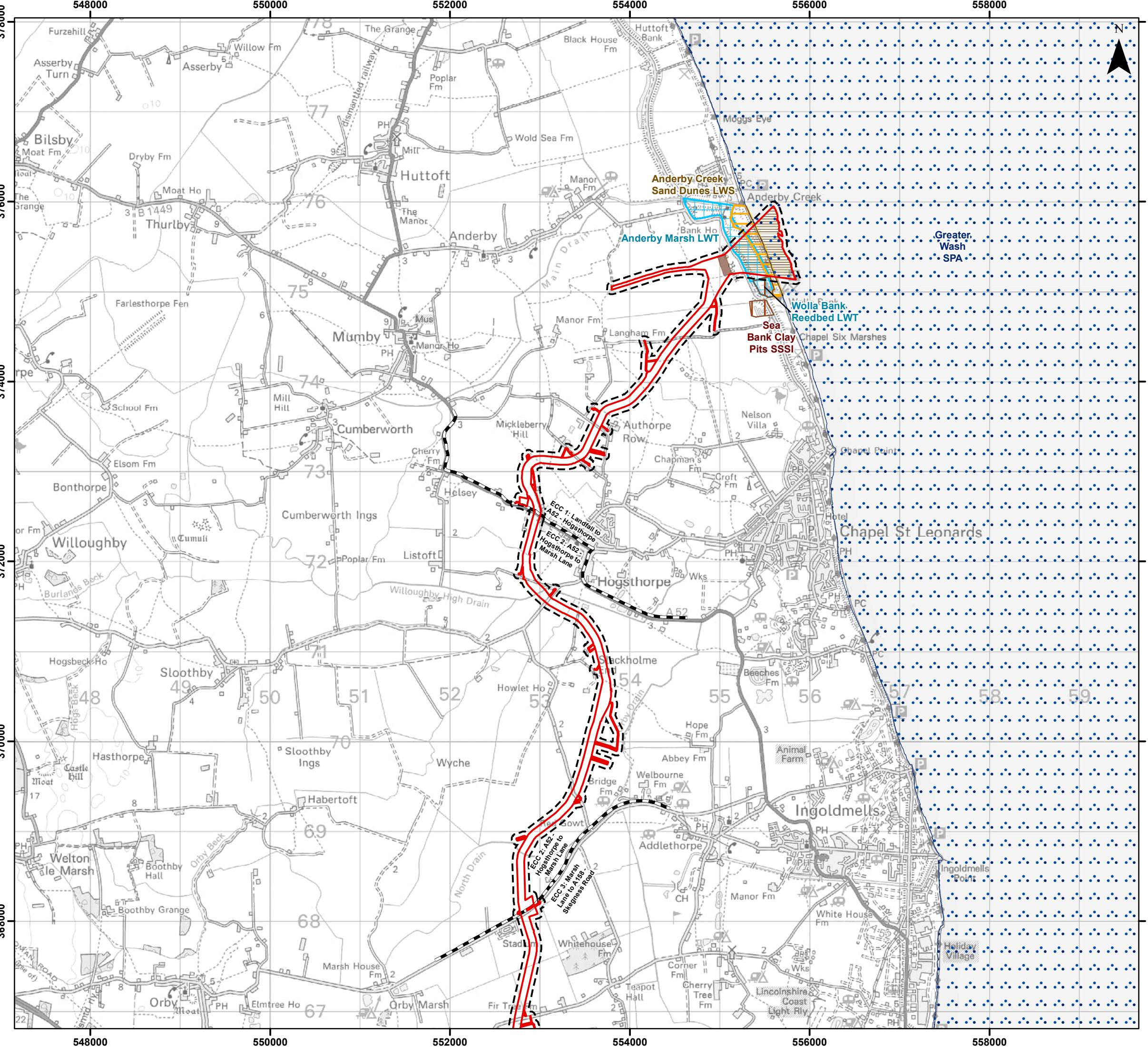


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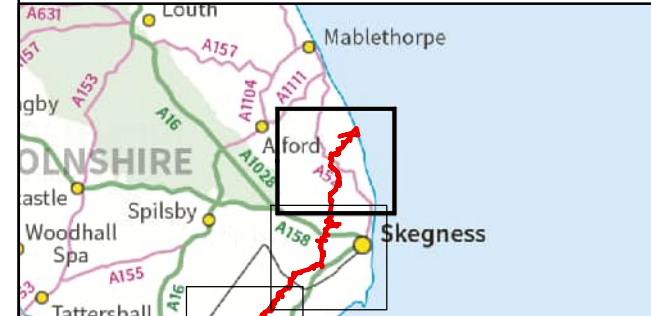


Legend

- 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)

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

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Environmental Statement

Non-Road Mobile Machinery Emissions
 Affected Areas
 Page 2

Figure 19.4.2

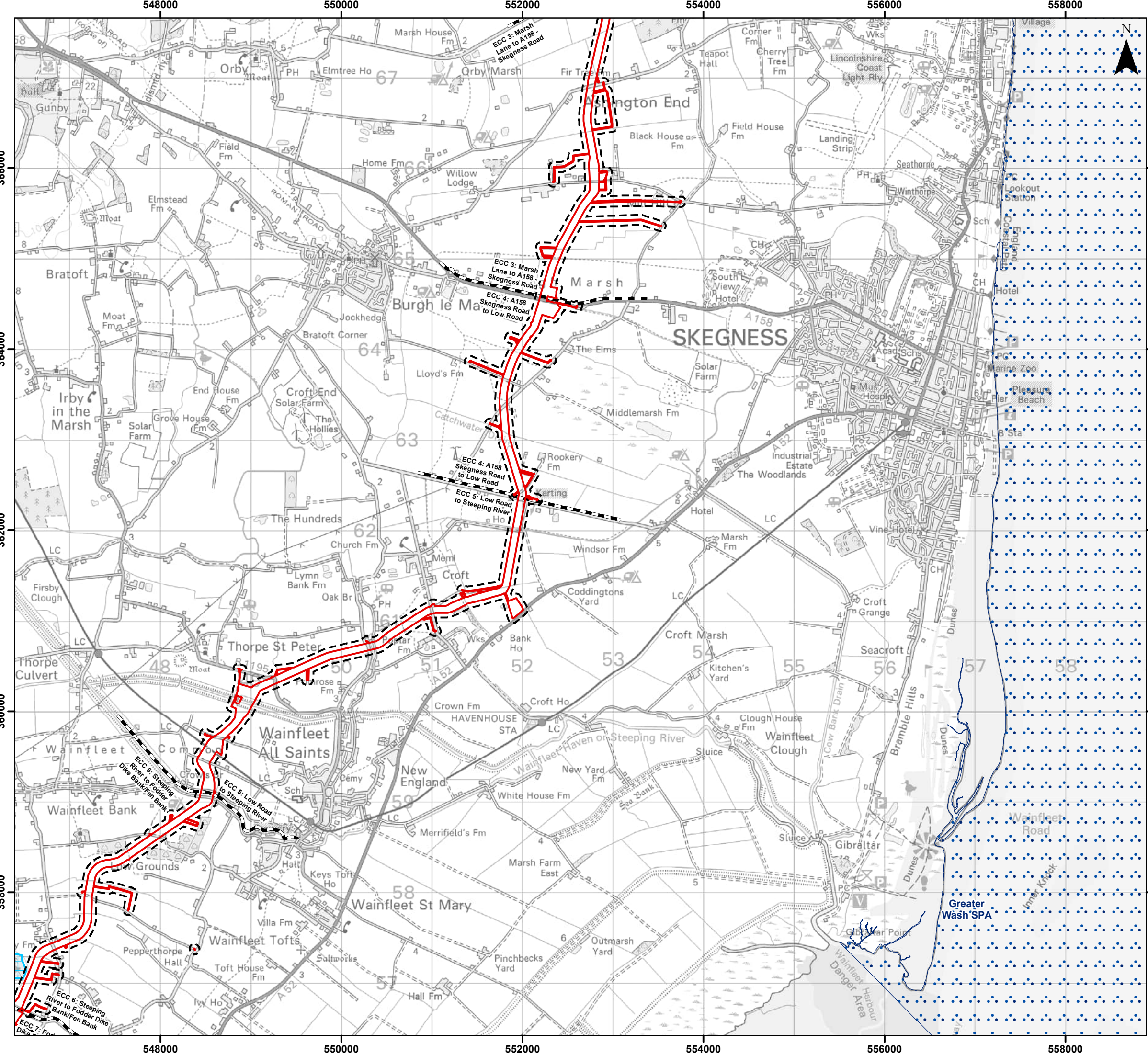




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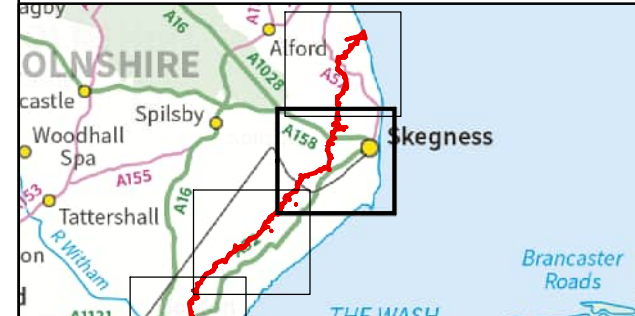
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- ### Legend
- Order Limits
 - Onshore Segment Break
 - Order Limits 50 m Buffer
 - Special Protection Area (SPA)
 - Local Wildlife Trust Reserve (LWT)

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

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 Non-Road Mobile Machinery Emissions
 Affected Areas
 Page 3

Figure 19.4.3

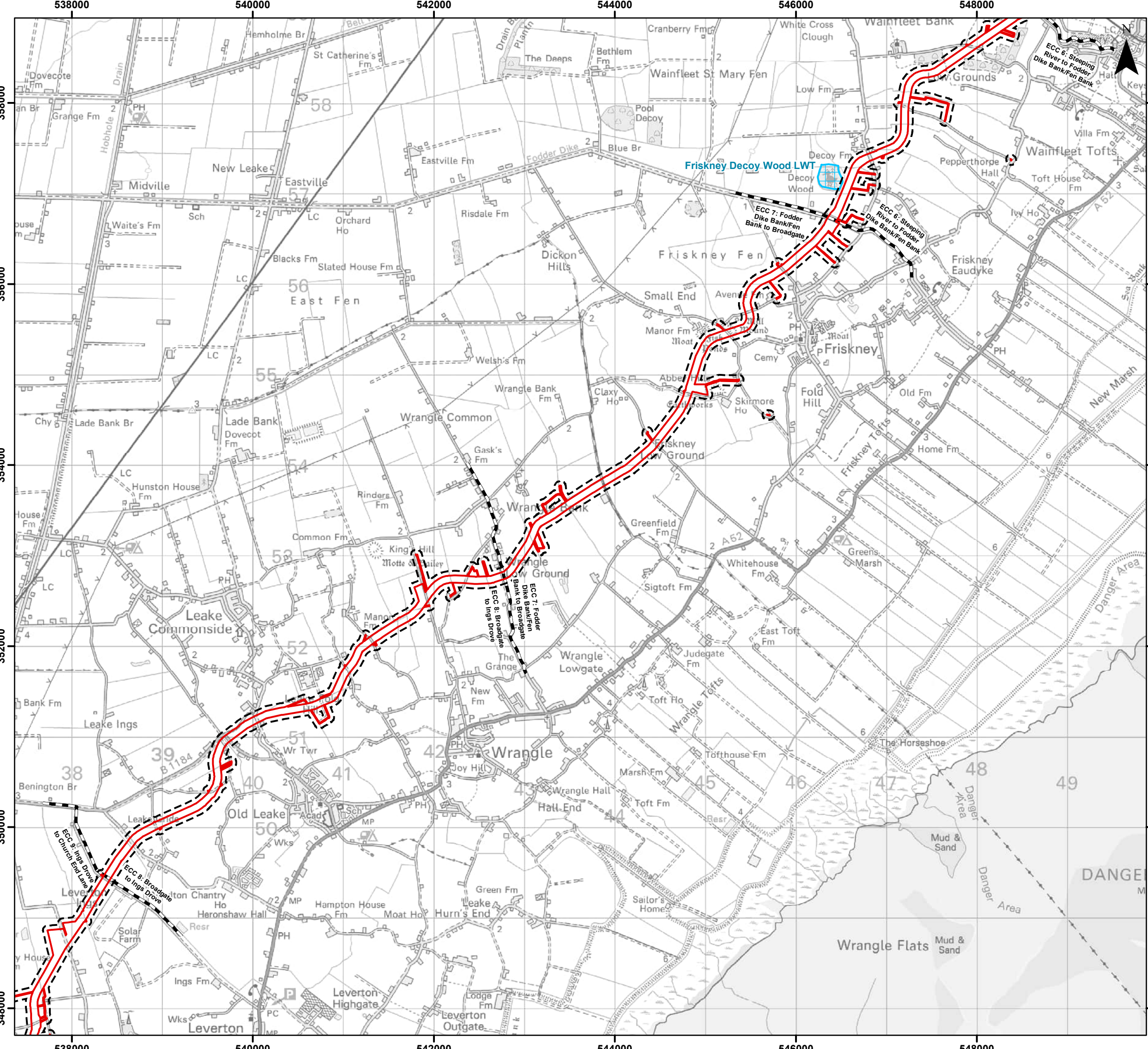


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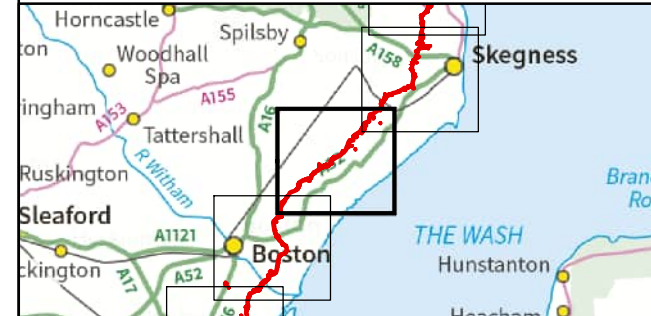


Legend

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

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

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 Non-Road Mobile Machinery Emissions
 Affected Areas
 Page 4

Figure 19.4.4

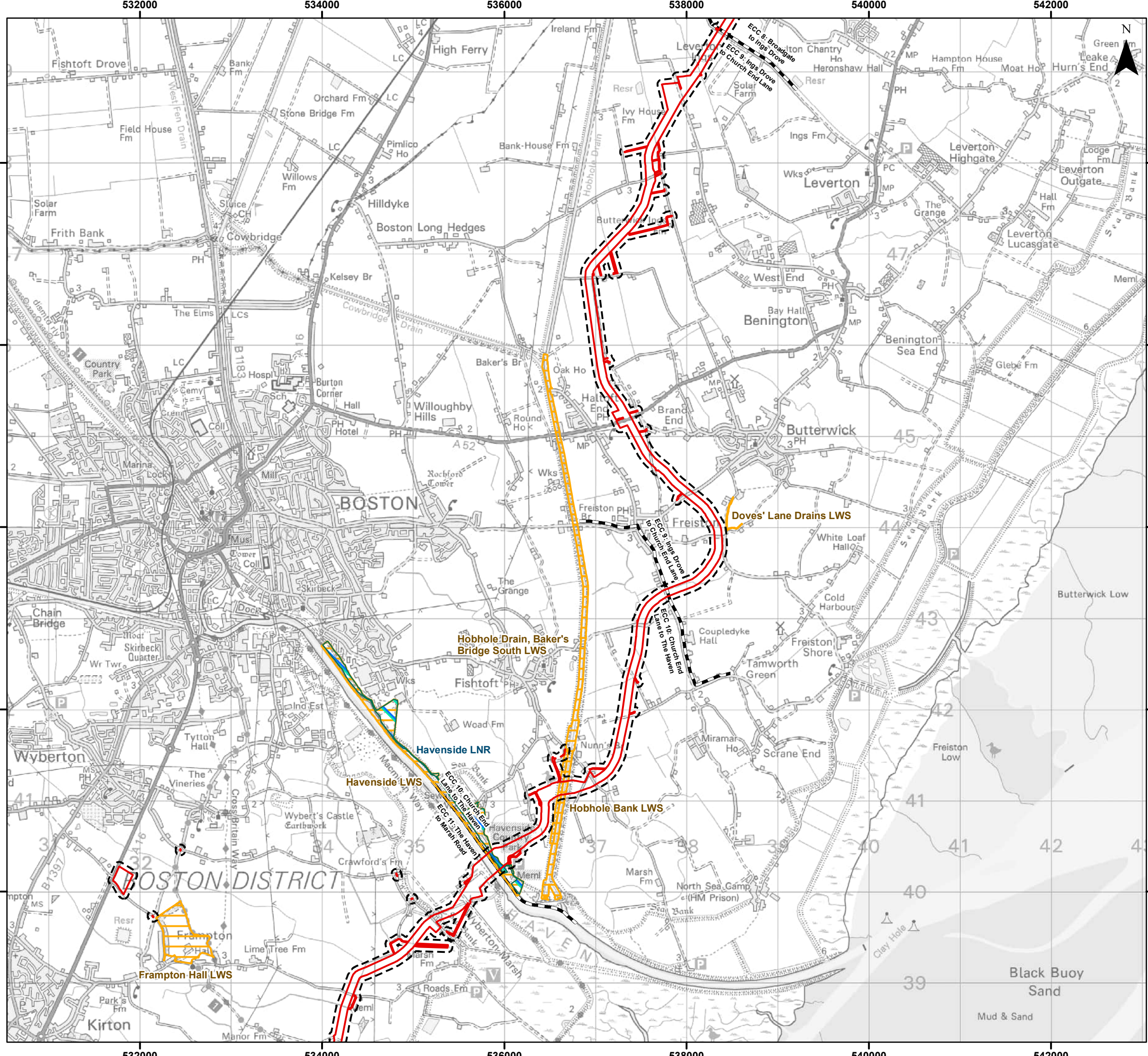


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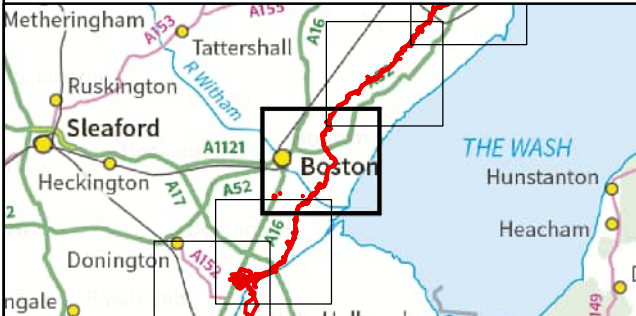
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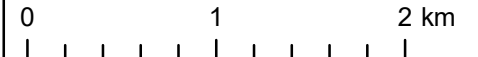
- ### Legend
- Order Limits
 - Onshore Segment Break
 - Order Limits 50 m Buffer
 - Local Nature Reserve (LNR)
 - Local Wildlife Site (LWS)

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

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Coordinate System: British National Grid



Scale: 1:40,000 A3 Page Size

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Figure 19.4.5

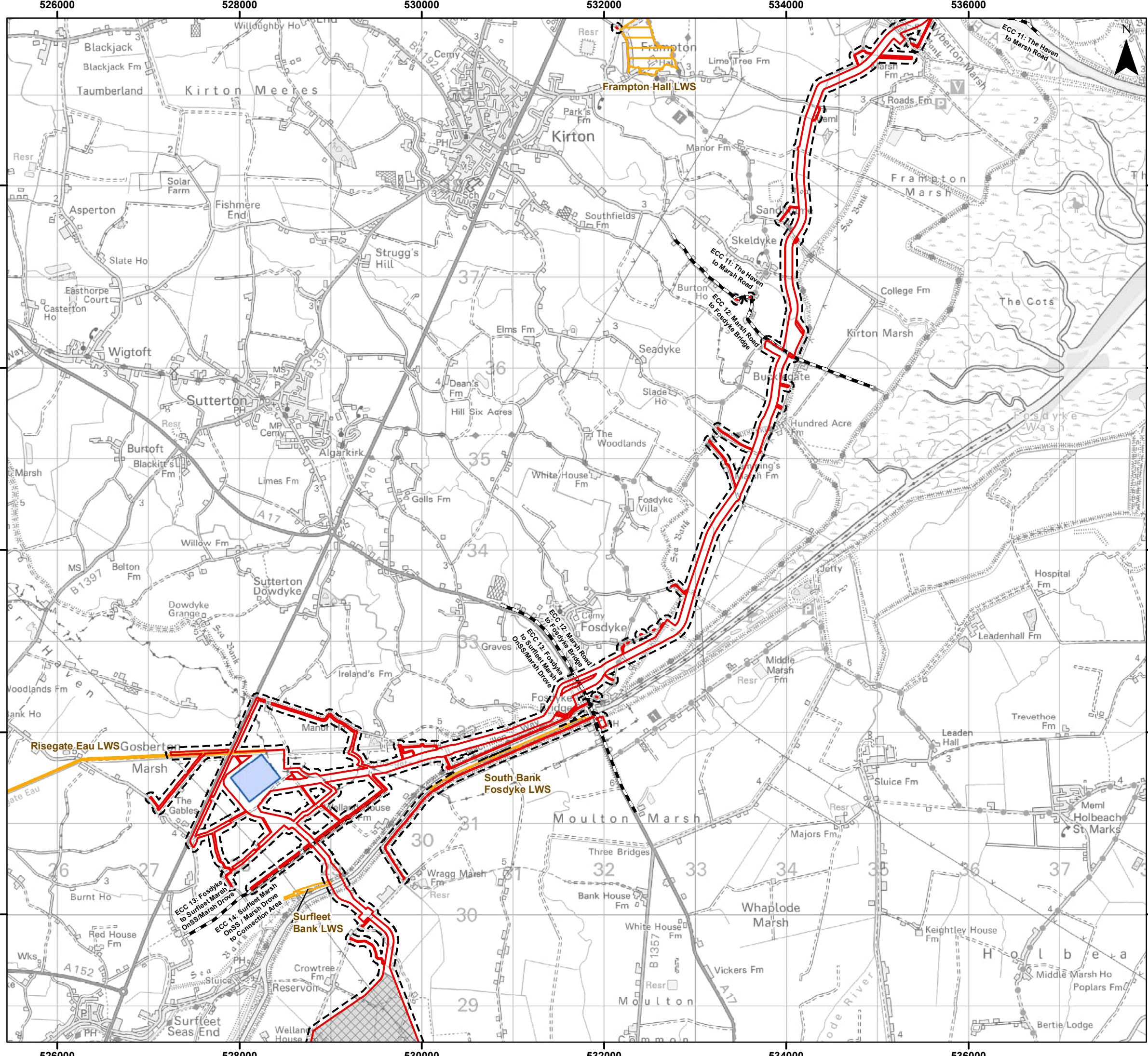


Date: 23/02/2024
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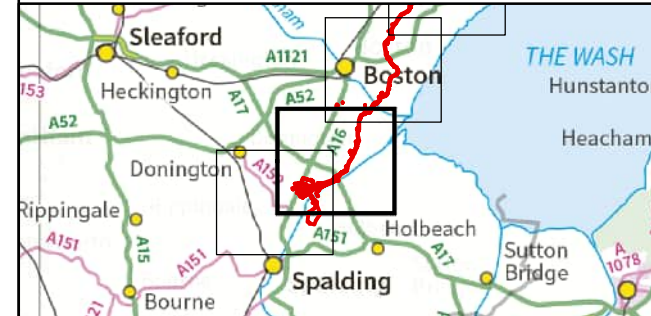


Legend

- 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

Scale: 1:40,000 A3 Page Size

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Figure 19.4.6

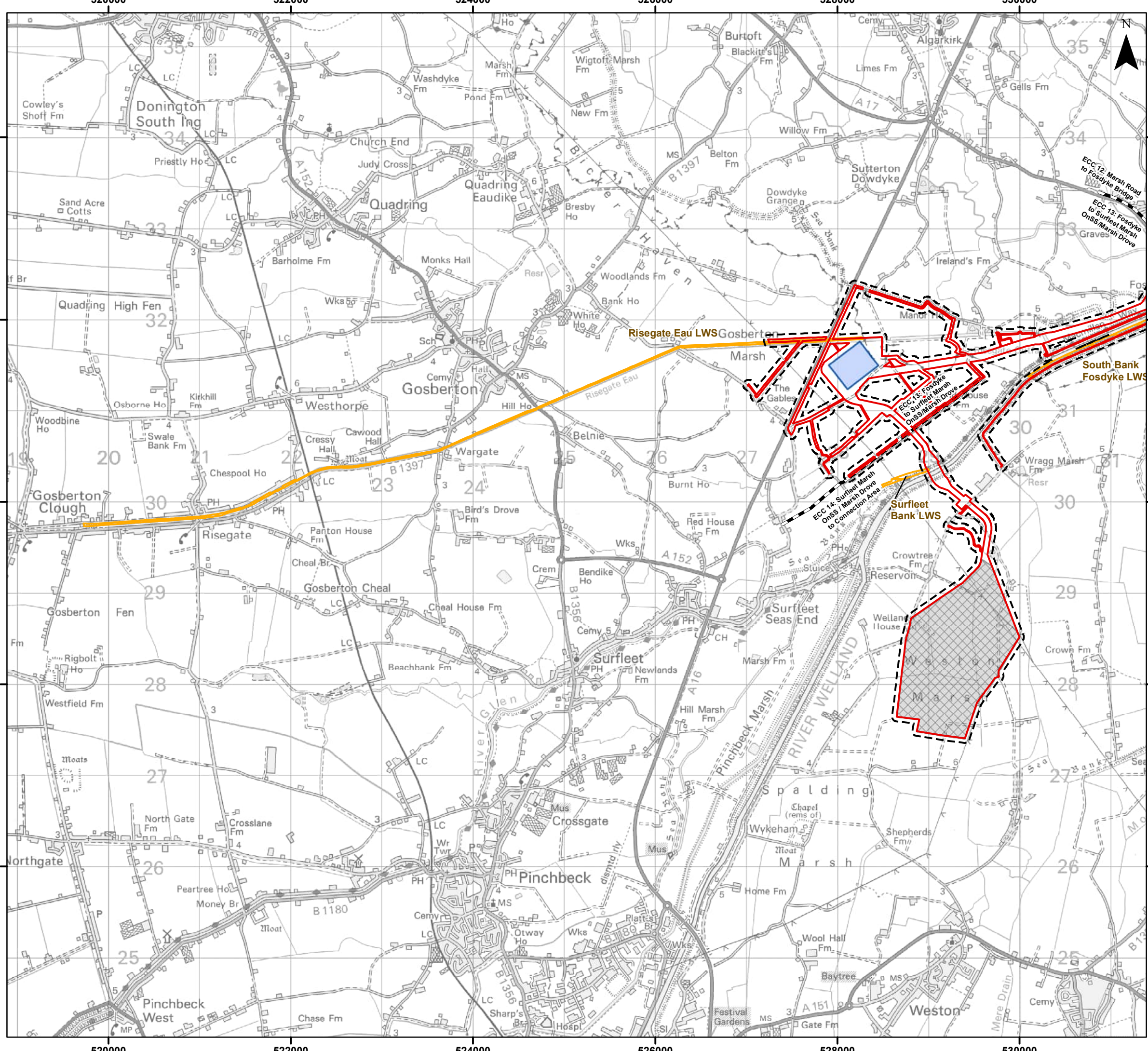




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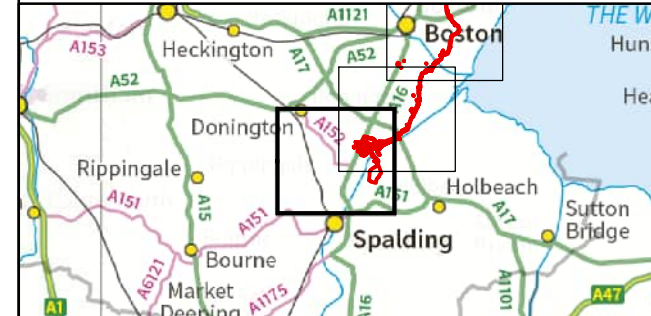


Legend

- 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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Coordinate System: British National Grid
 0 1 2 km
Scale: 1:40,000
 A3 Page Size

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 Non-Road Mobile Machinery Emissions
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Figure 19.4.7

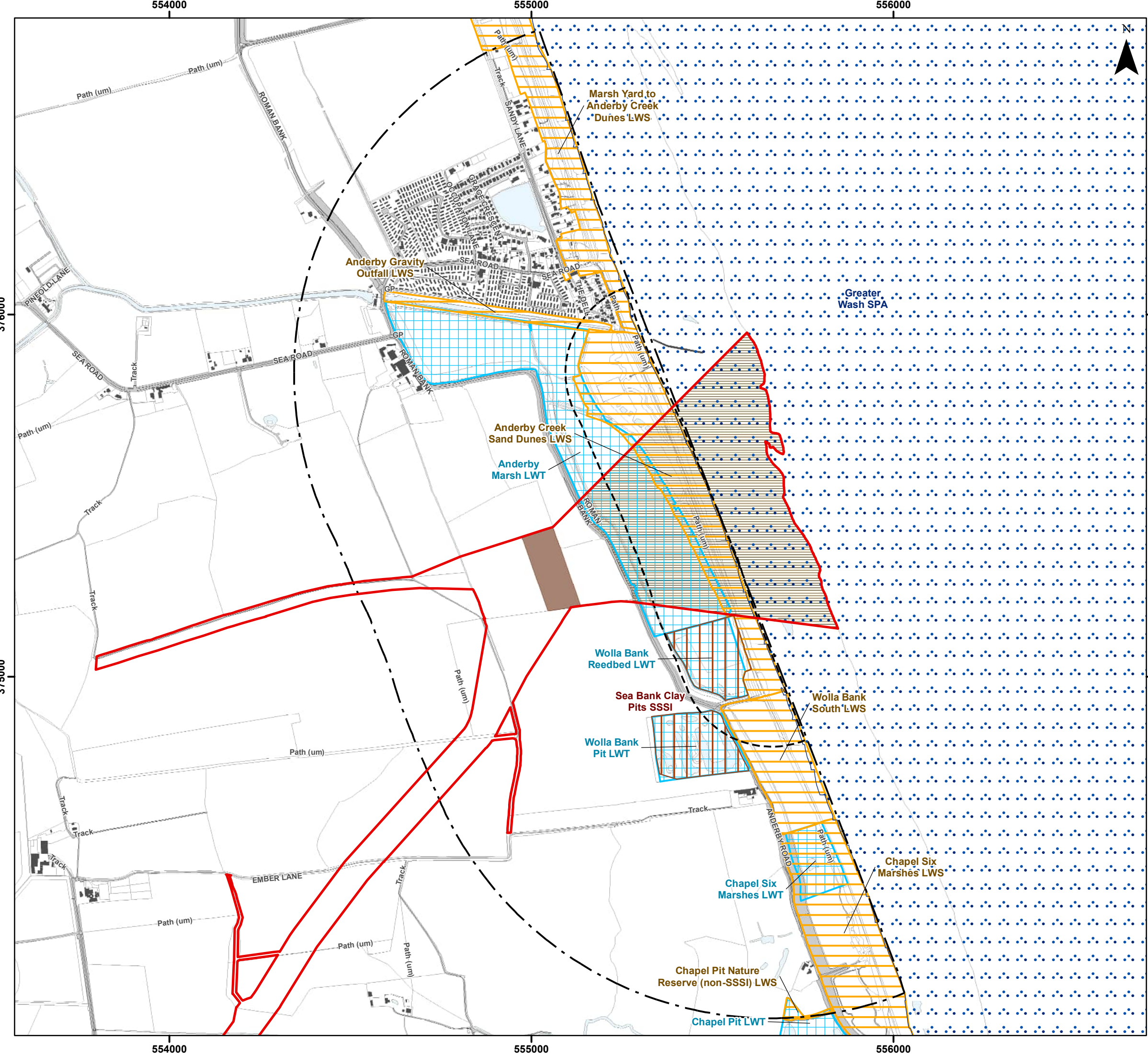




Date: 23/02/2024
 Produced By: RD
 Revision: 0.1

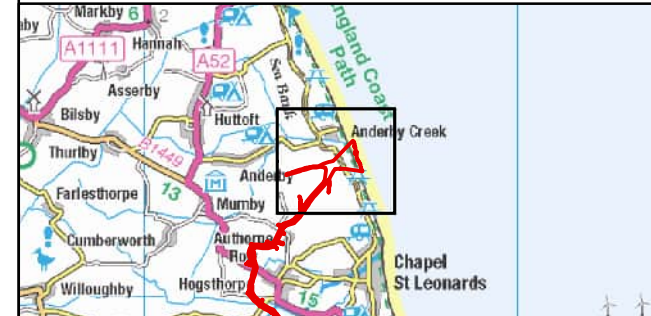
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- ### Legend
- Order Limits
 - Landfall Trenchless Works Area
 - Transition Joint Bay Area
 - 250 m Onshore Study Area
 - 1 km Onshore Study Area
 - Special Protection Area (SPA)
 - Site of Special Scientific Interest (SSSI)
 - Local Wildlife Sites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

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Coordinate System: British National Grid
 0 0.3 0.6 km
Scale: 1:10,000 A3 Page Size

Environmental Statement
 Vessel Emissions Affected Areas
 Figure 19.5



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