

The Great Grid Upgrade

Grimsby to Walpole

Preliminary Environmental Information Report

Volume 2 Part B Section Specific Assessments

Section 6 Refined Weston Marsh Substation Siting Zone to New
Walpole B Substation

Chapter 12 Air Quality

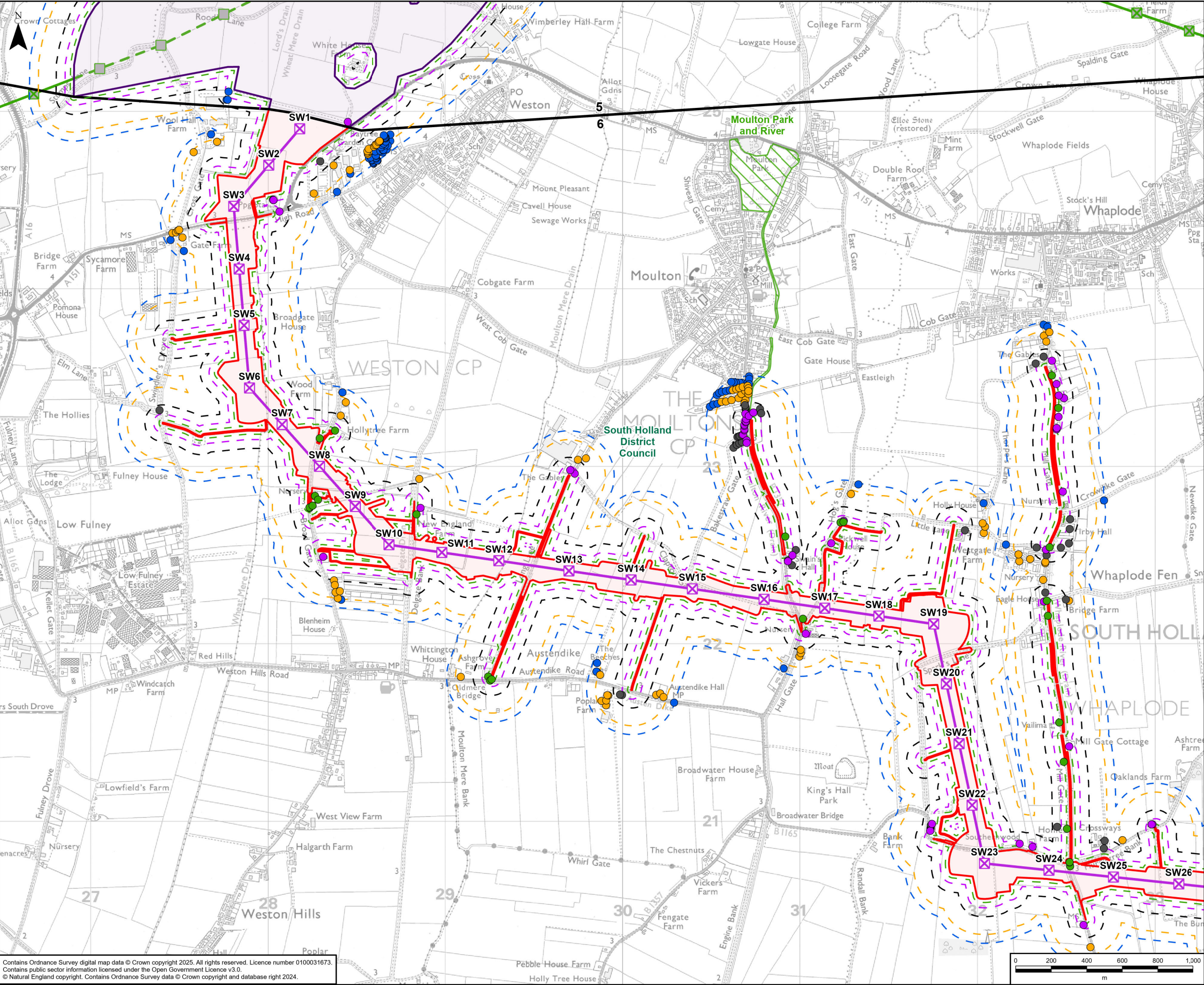
Figures

June 2025



Volume 2 Part B Section 6 Chapter 12 – Figure List

Figure number	Figure title
Figure 12.1	Construction Dust Study Area
Figure 12.2	Preliminary Affected Road Network and Local Authority Monitoring Locations



GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Refined Weston Marsh Substation Siting Zone
- Route Section Break
- Indicative New Lattice Pylon
- Existing Lattice Pylon - Within Weston Marsh Siting Zone that May Be Modified
- Existing Lattice Pylon - Not Affected
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- Existing Overhead Line - Within Weston Marsh Siting Zone that May Be Modified
- Local Authority Boundary

Construction Dust Buffer

- 20m
- 50m
- 100m
- 200m
- 250m

Human Receptor

- Within 20m
- Between 20m and 50m
- Between 50m and 100m
- Between 100m and 200m
- Between 200m and 250m

Ecological Receptor

- Local Wildlife Site

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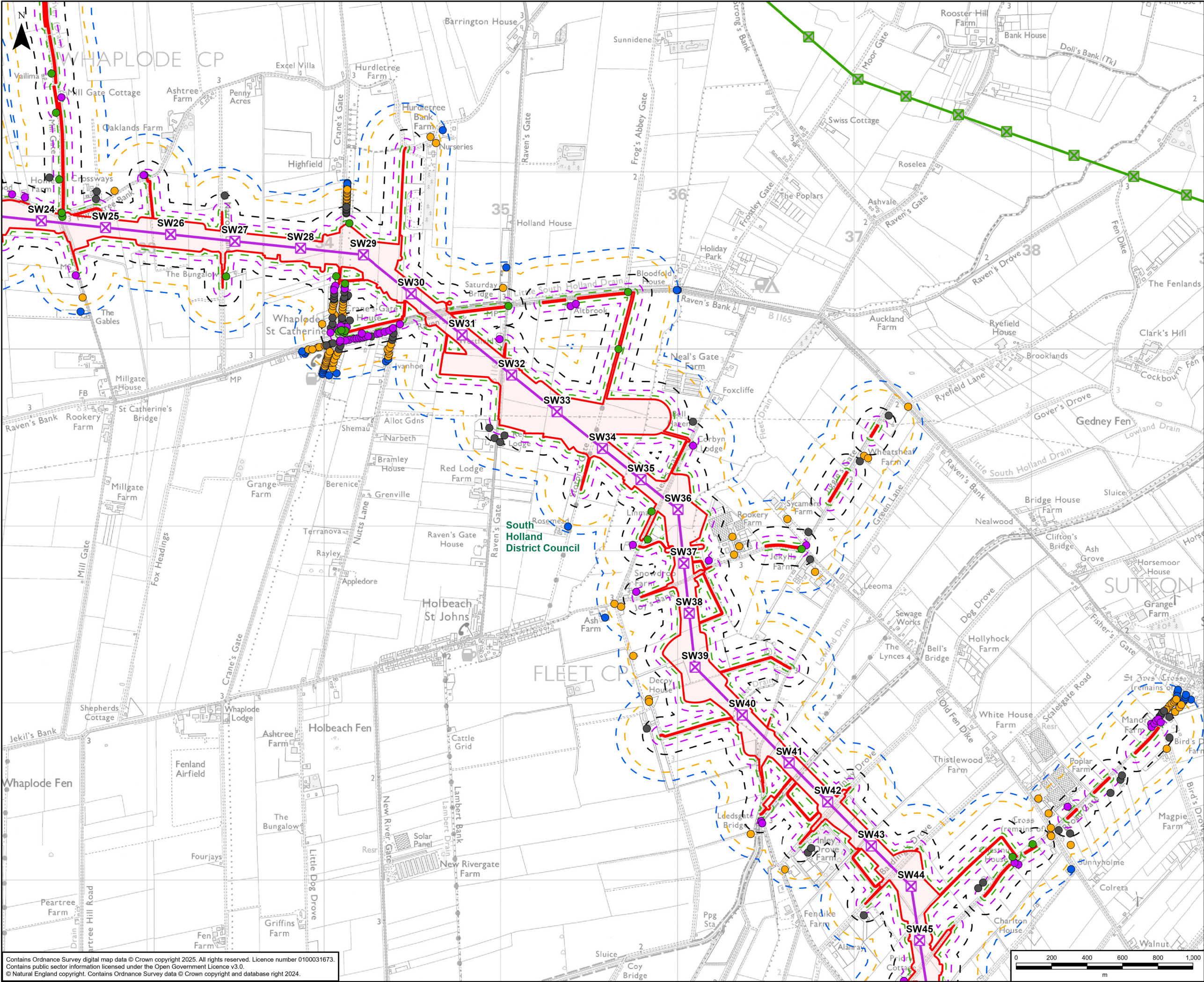
Purpose: PEI REPORT - SECTION 6

Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 12.1 CONSTRUCTION DUST STUDY AREA

Creator: LC	Date: 30/04/2025	Checker: AL	Date: 30/04/2025	Approver: NM	Date: 30/04/2025
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Indicative New Lattice Pylon
- Existing Lattice Pylon - Not Affected
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- Local Authority Boundary

Construction Dust Buffer

- 20m
- 50m
- 100m
- 200m
- 250m

Human Receptor

- Within 20m
- Between 20m and 50m
- Between 50m and 100m
- Between 100m and 200m
- Between 200m and 250m

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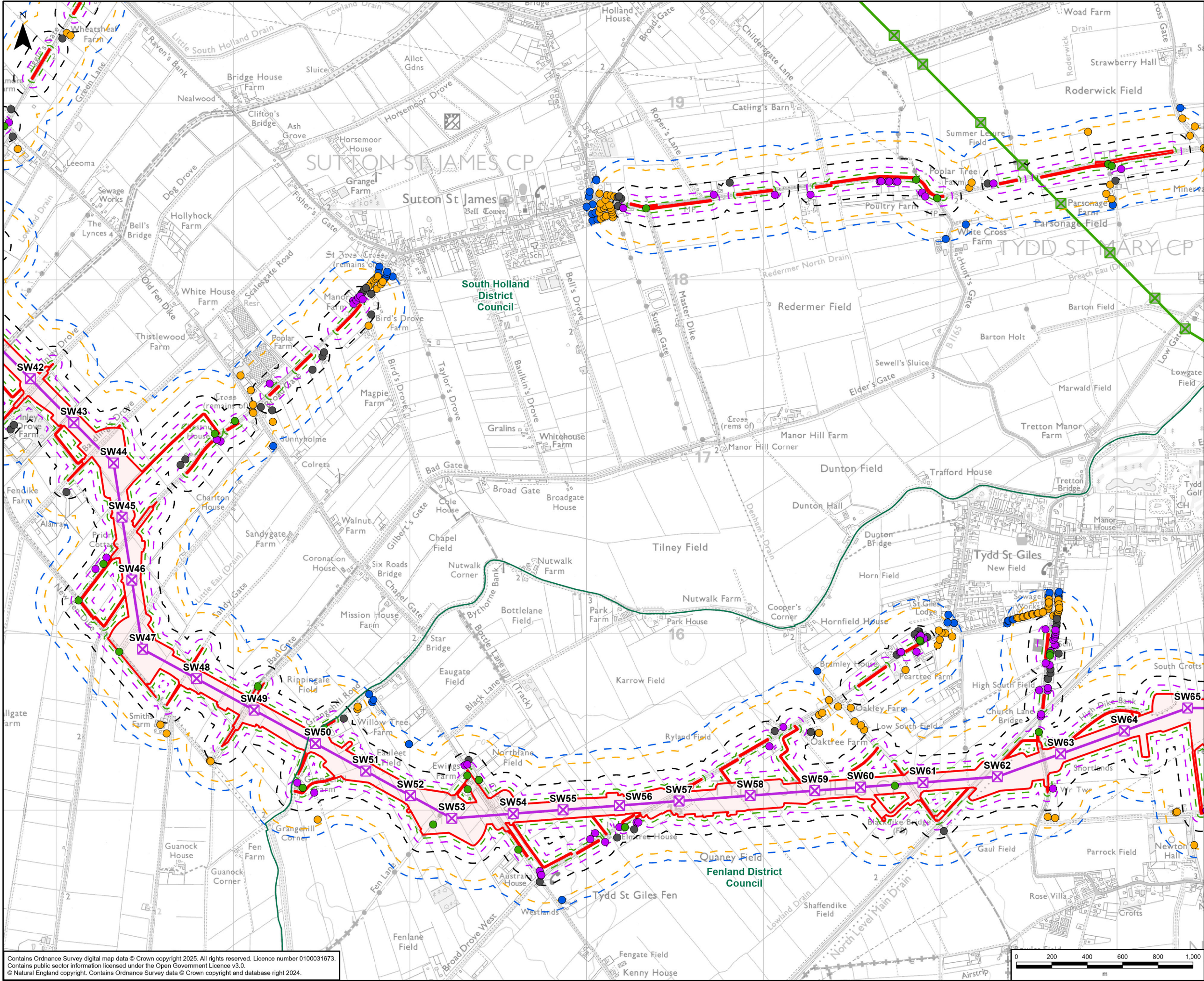
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CONSTRUCTION DUST STUDY AREA

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Indicative New Lattice Pylon
- Existing Lattice Pylon - Not Affected
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- Local Authority Boundary

Construction Dust Buffer

- 20m
- 50m
- 100m
- 200m
- 250m

Human Receptor

- Within 20m
- Between 20m and 50m
- Between 50m and 100m
- Between 100m and 200m
- Between 200m and 250m

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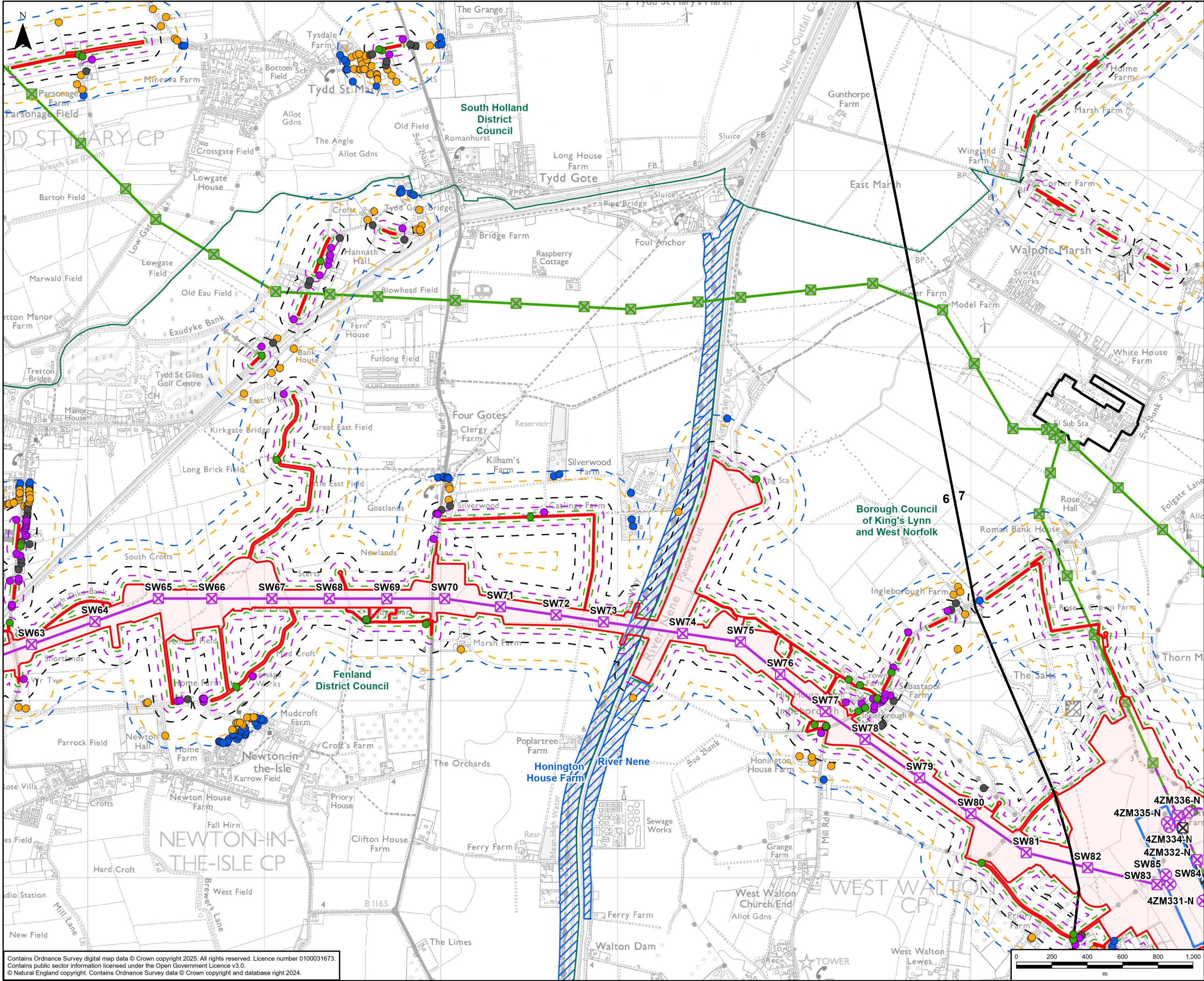
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Route Section Break
- Indicative New Lattice Pylon
- Indicative New Gantry
- Existing Lattice Pylon - Not Affected
- Existing Lattice Pylon - To Be Dismantled
- Indicative New Overhead Line
- Indicative New Underground Cable
- Existing Overhead Line - Not Affected
- Existing Overhead Line - To Be Dismantled
- Existing Overhead Line - To Be Modified
- Existing Substation Boundary
- Indicative New Substation Boundary
- Indicative Cable Sealing End Compound Boundary
- Indicative Permanent Substation Access Route
- Local Authority Boundary

Construction Dust Buffer

- 20m
- 50m
- 100m
- 200m
- 250m

Human Receptor

- Within 20m
- Between 20m and 50m
- Between 50m and 100m
- Between 100m and 200m
- Between 200m and 250m

Ecological Receptor

- County Wildlife Site

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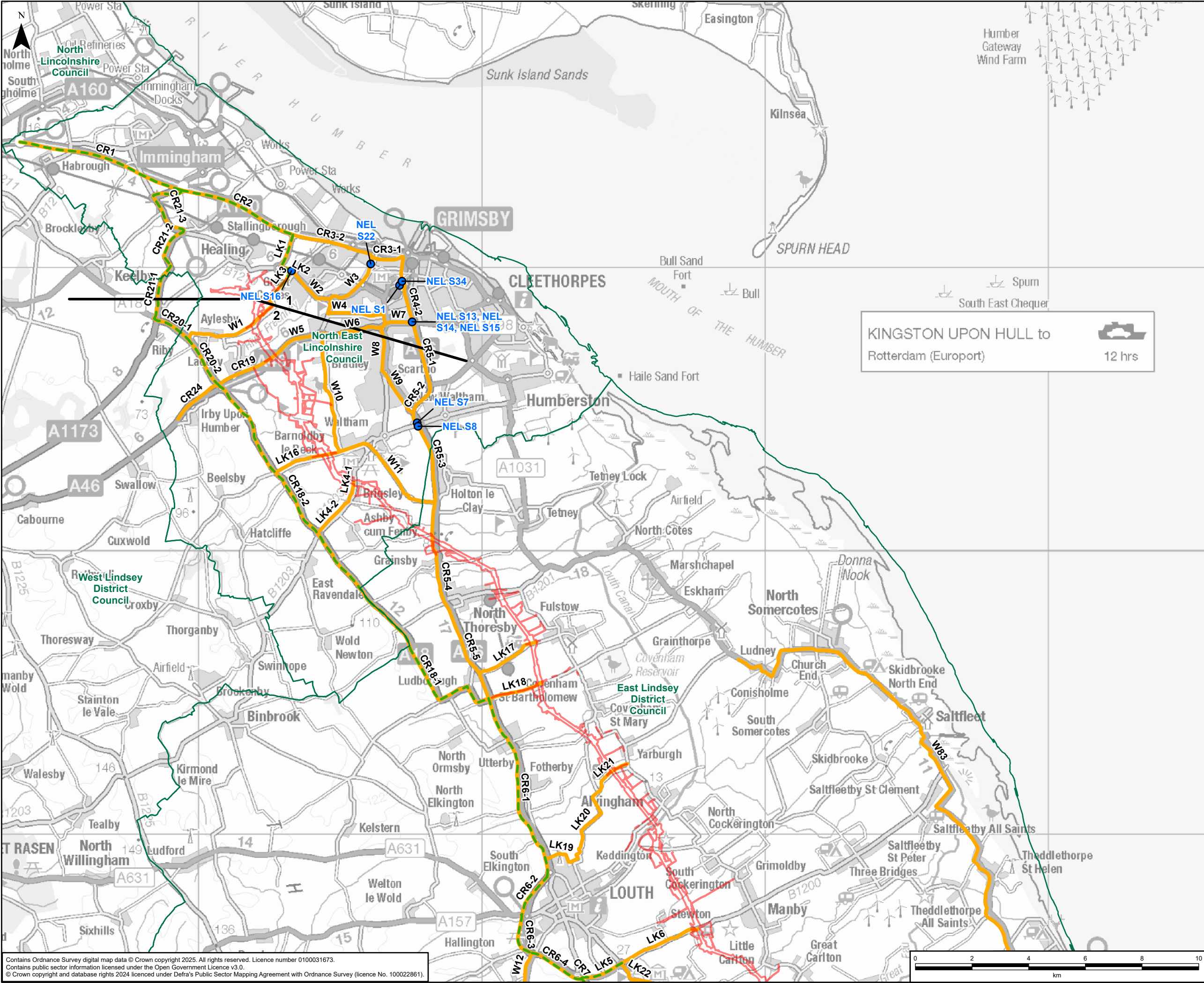
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GRIMSBY TO WALPOLE LEGEND

Legend

Draft Order Limits

Route Section Break

Air Quality Monitoring Location

Affected Road Network

Construction Traffic Route

Local Authority Boundary

CR: Core Route

LK: Local Link

W: Workers Access Route

NOTE:

For further explanation of construction traffic routes see the Traffic and Movement chapter of PEI Report Volume 3 Part A Appendix 4B Environmental Impact Assessment Methodologies and Scope.

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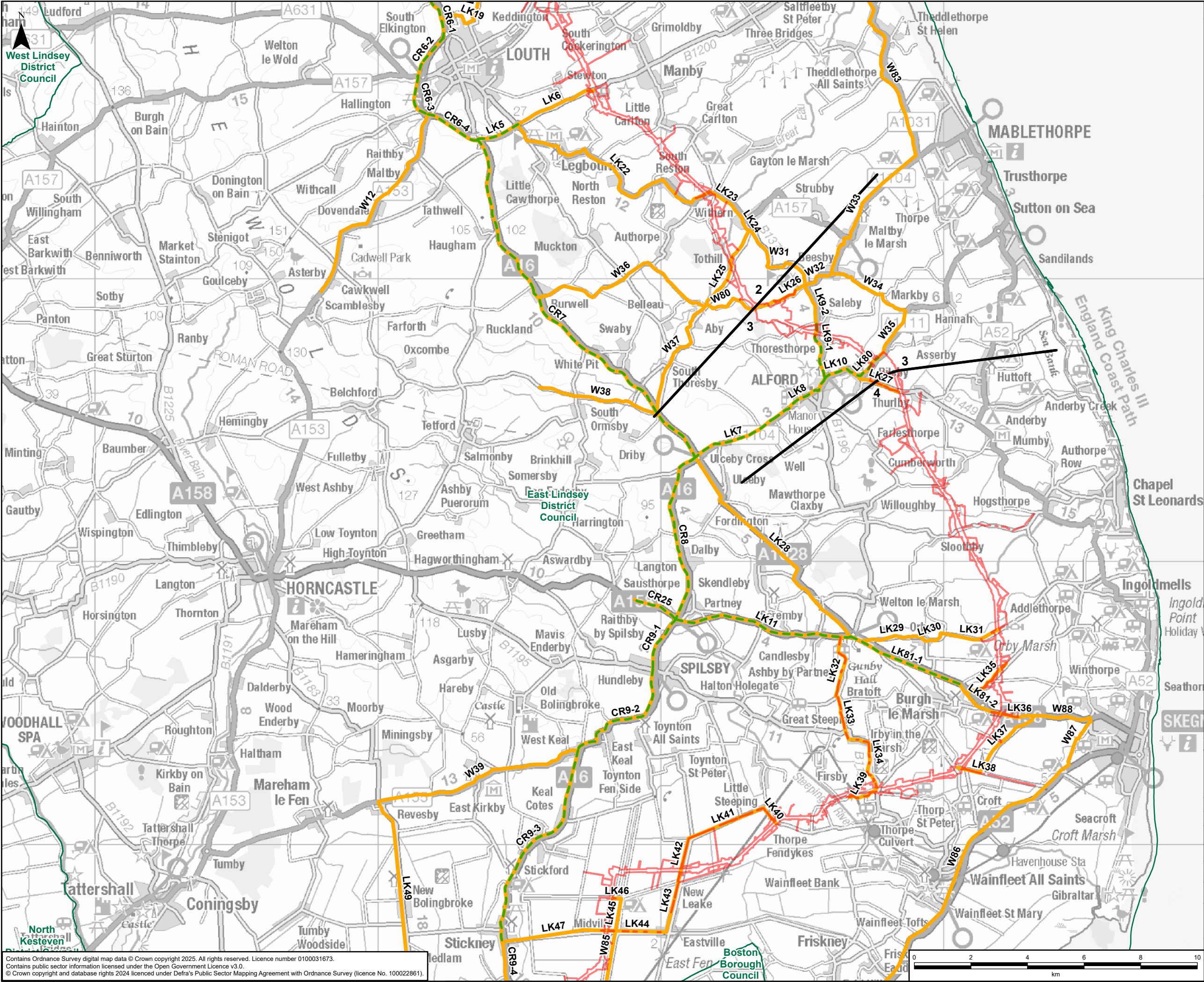
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Document Title:

FIGURE 12.2
PRELIMINARY AFFECTED ROAD NETWORK AND LOCAL
AUTHORITY MONITORING LOCATIONS

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GRIMSBY TO WALPOLE LEGEND

Legend

Draft Order Limits

Route Section Break

Affected Road Network

Construction Traffic Route

Local Authority Boundary

CR: Core Route

LK: Local Link

W: Workers Access Route

NOTE:

For further explanation of construction traffic routes see the Traffic and Movement chapter of PEI Report Volume 3 Part A Appendix 4B Environmental Impact Assessment Methodologies and Scope.

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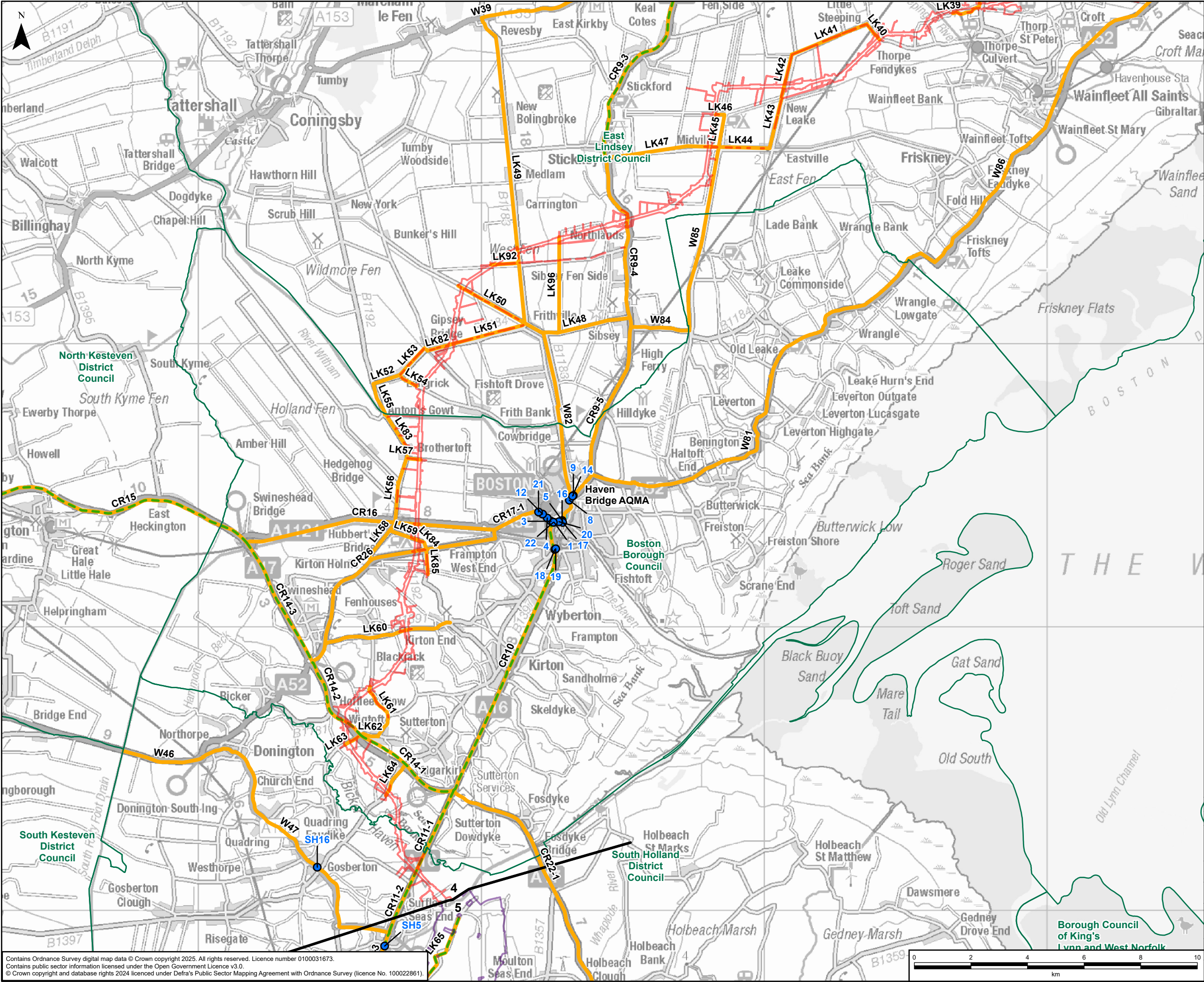
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FIGURE 12.2
PRELIMINARY AFFECTED ROAD NETWORK AND LOCAL
AUTHORITY MONITORING LOCATIONS

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GRIMSBY TO WALPOLE LEGEND

Legend

Draft Order Limits

Refined Weston Marsh Substation Siting Zone

Route Section Break

Air Quality Monitoring Location

Affected Road Network

Construction Traffic Route

Air Quality Management Area

Local Authority Boundary

CR: Core Route

LK: Local Link

W: Workers Access Route

NOTE:

For further explanation of construction traffic routes see the Traffic and Movement chapter of PEI Report Volume 3 Part A Appendix 4B Environmental Impact Assessment Methodologies and Scope.

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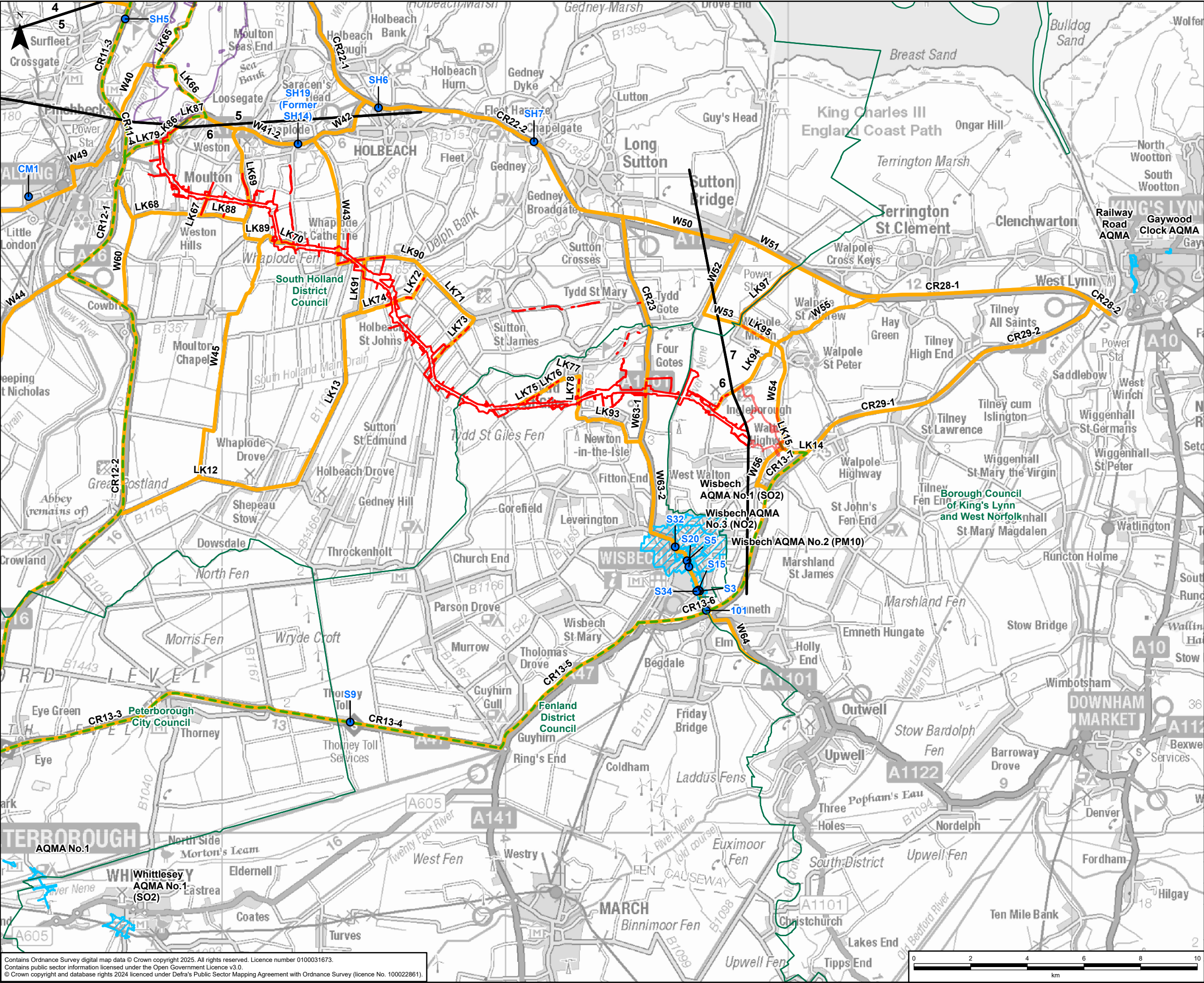
FIGURE 12.2
PRELIMINARY AFFECTED ROAD NETWORK AND LOCAL
AUTHORITY MONITORING LOCATIONS

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Refined Weston Marsh Substation Siting Zone
- Route Section Break
- Air Quality Monitoring Location
- Affected Road Network
- Construction Traffic Route
- Air Quality Management Area
- Local Authority Boundary

CR: Core Route
LK: Local Link
W: Workers Access Route

NOTE:
For further explanation of construction traffic routes see the Traffic and Movement chapter of
PEI Report Volume 3 Part A Appendix 4B
Environmental Impact Assessment
Methodologies and Scope.

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