

The Great Grid Upgrade

Grimsby to Walpole

Preliminary Environmental Information Report

Volume 2 Part B Section Specific Assessments

Section 7 New Walpole B Substation

Chapter 9 Traffic and Movement

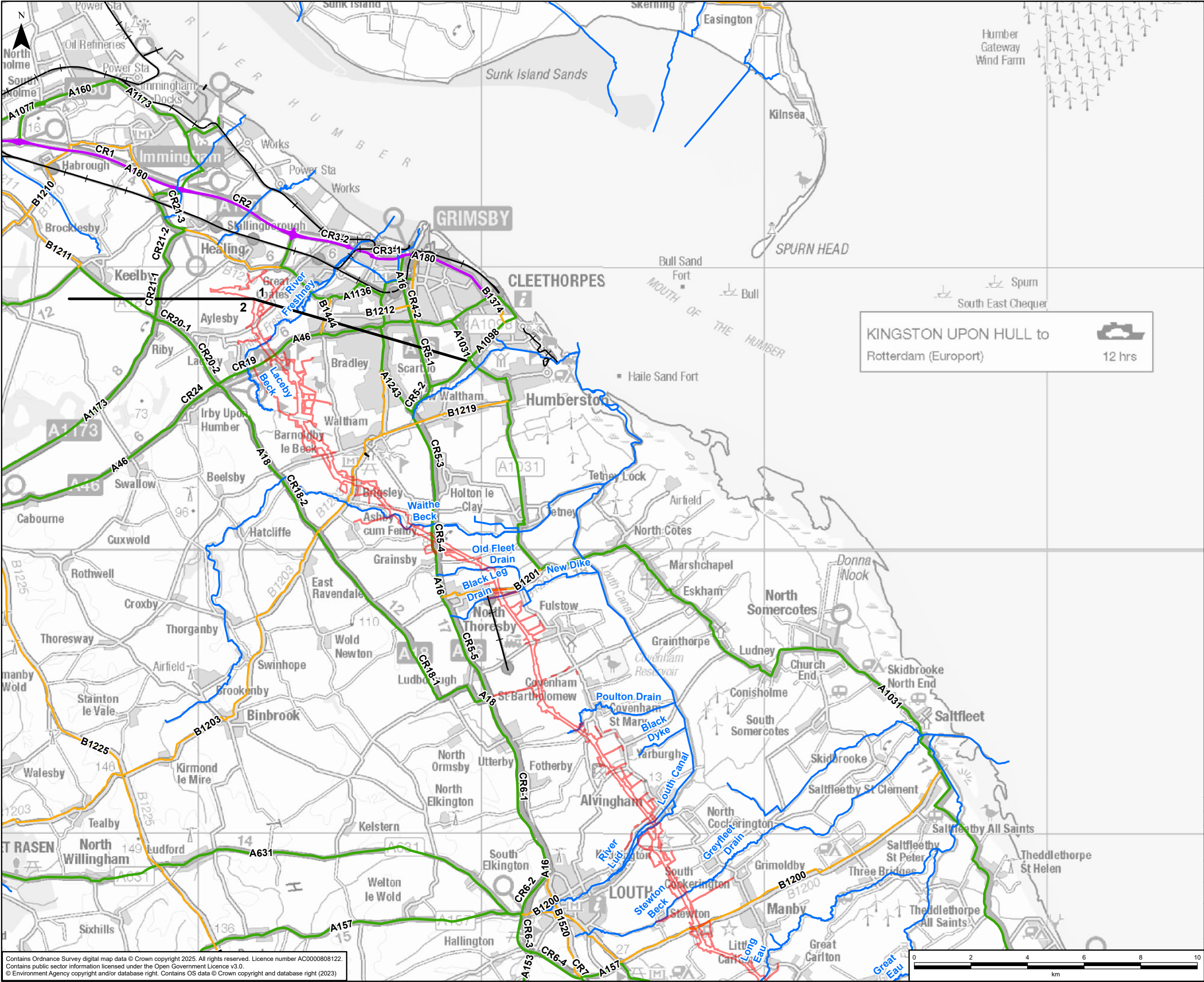
Figures

June 2025



Volume 2 Part B Section 7 Chapter 9 – Figure List

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GRIMSBY TO WALPOLE LEGEND

Legend

Draft Order Limits

Route Section Break

Strategic Road Network

A Road

B Road

Railway

Waterway

CR: Primary Access Route - Core Route

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Purpose:

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Scheme:

GRIMSBY TO WALPOLE

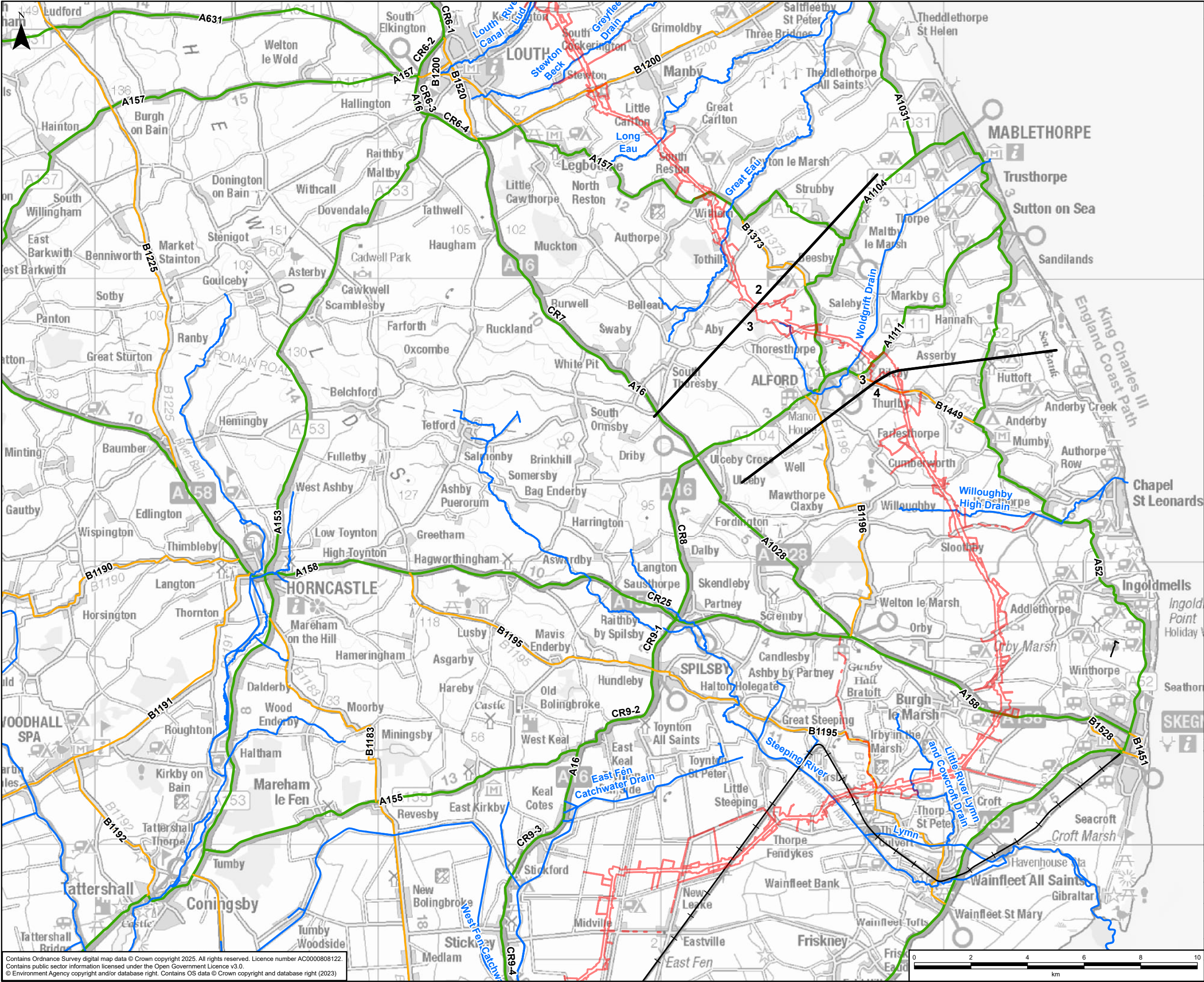
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FIGURE 9.1
OVERALL CONTEXT MAP

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GRIMSBY TO WALPOLE LEGEND

Legend

Draft Order Limits

Route Section Break

A Road

B Road

Railway

Waterway

CR: Primary Access Route - Core Route

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FIGURE 9.1
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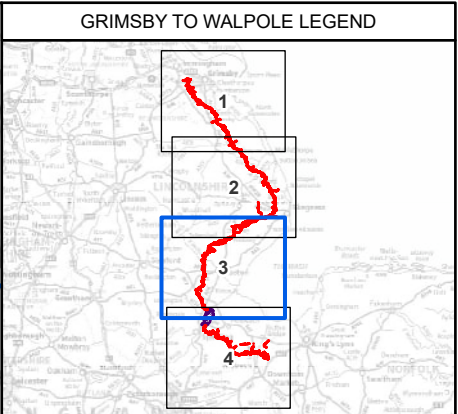
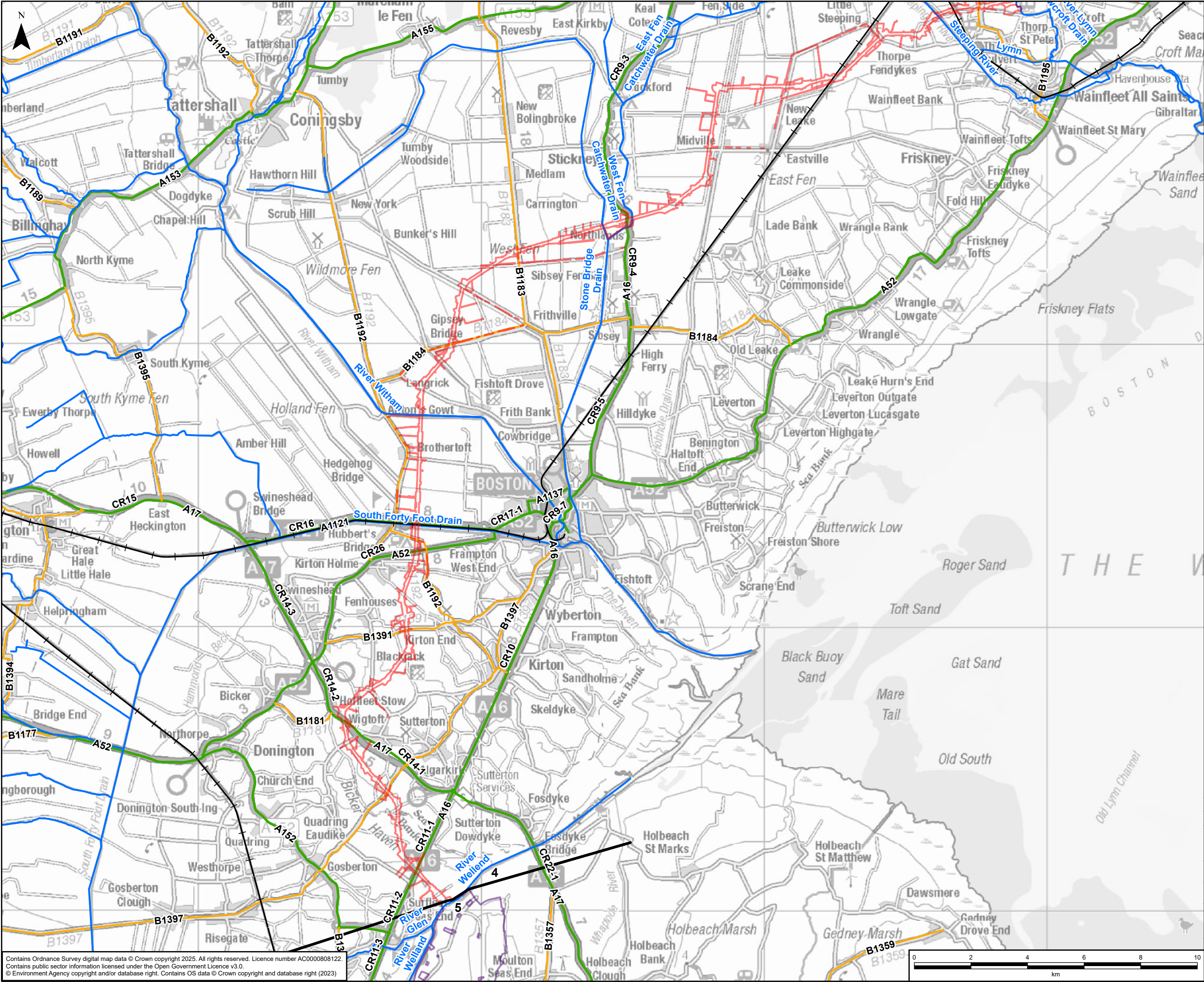
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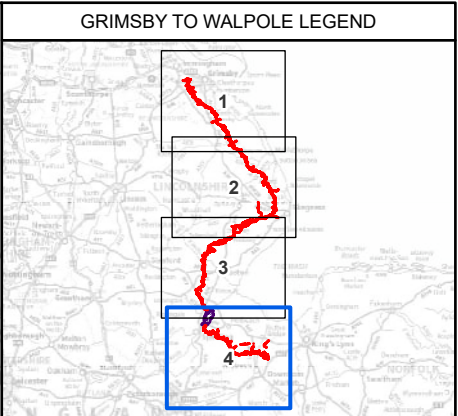
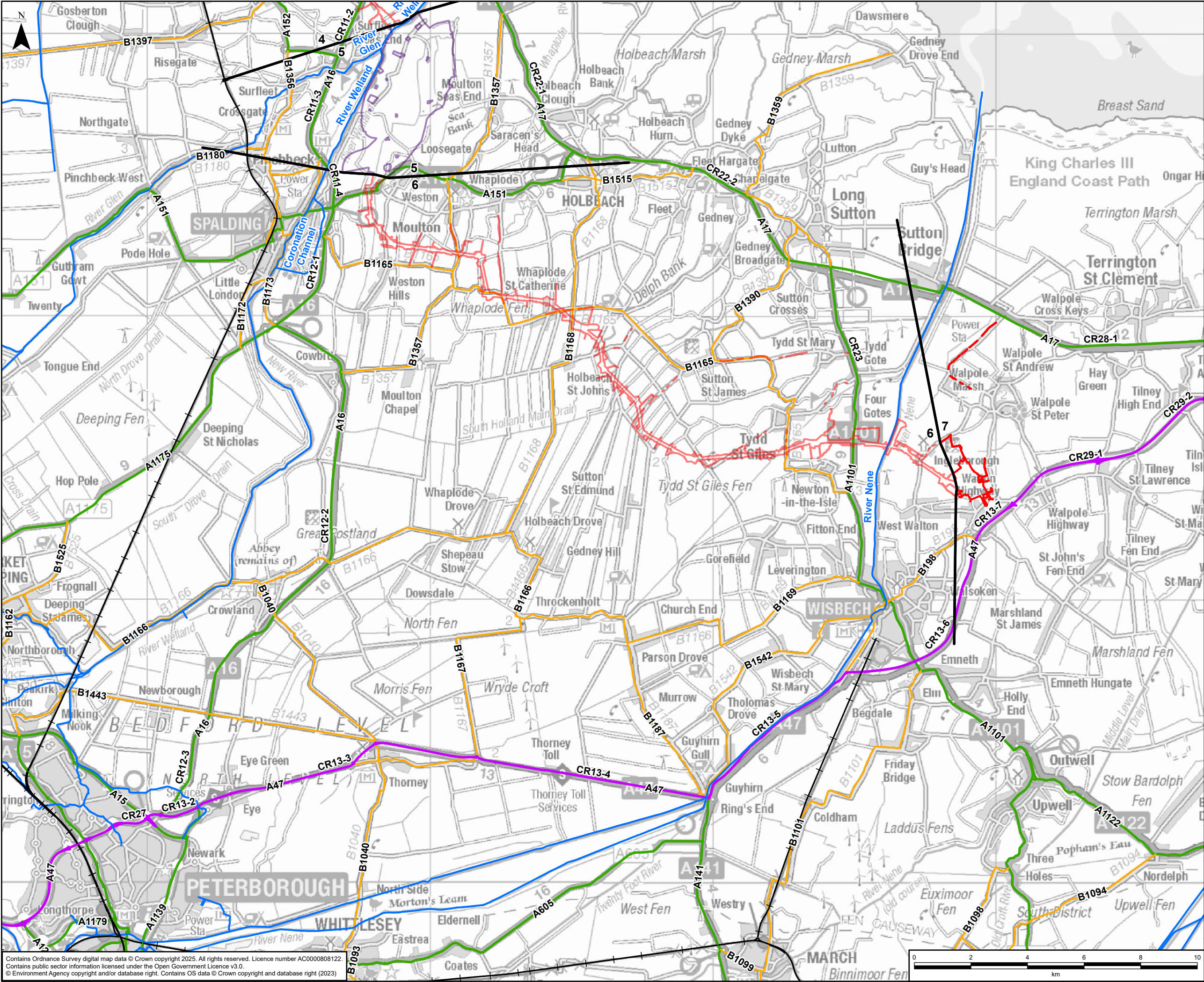
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- Legend
- Draft Order Limits
 - Refined Weston Marsh Substation Siting Zone
 - Route Section Break
 - A Road
 - B Road
 - Railway
 - Waterway
- CR: Primary Access Route - Core Route

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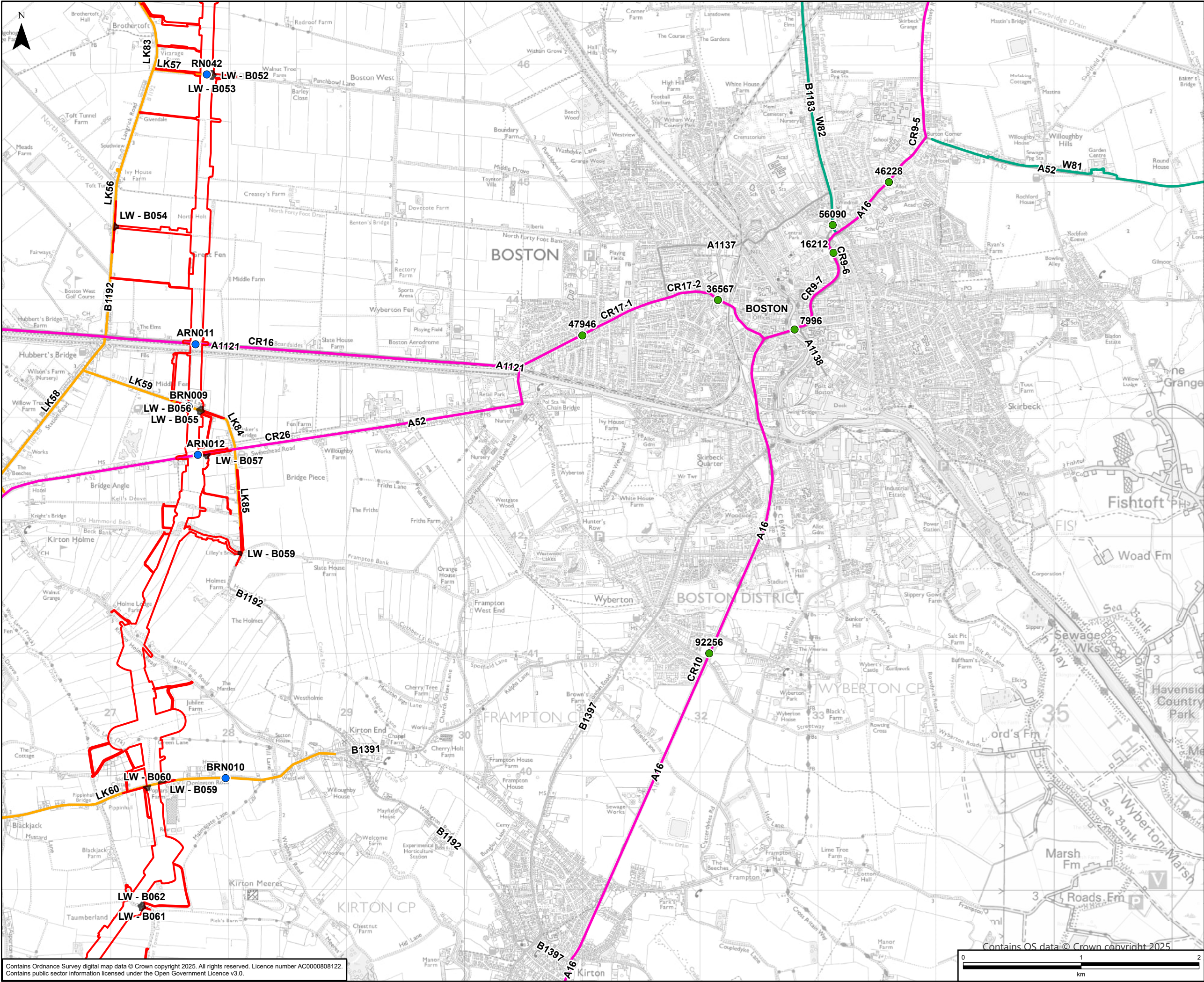


- Legend
- Draft Order Limits
 - Refined Weston Marsh Substation Siting Zone
 - Route Section Break
 - Strategic Road Network
 - A Road
 - B Road
 - Railway
 - Waterway
- CR: Primary Access Route - Core Route

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Document Title:		FIGURE 9.1 OVERALL CONTEXT MAP				
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GRIMSBY TO WALPOLE LEGEND

Legend

Draft Order Limits

DfT Counter (Site Reference)

Traffic Count Survey (Site Reference)

Primary Access Route - Core Route (CR)

Primary Access Route - Local Link (LK)

Workers Access Route (W)

Indicative Bellmouth (Bellmouth Reference)

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GRIMSBY TO WALPOLE

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FIGURE 9.2
PRIMARY ACCESS ROUTES (PAR) AND
WORKERS ACCESS ROUTES

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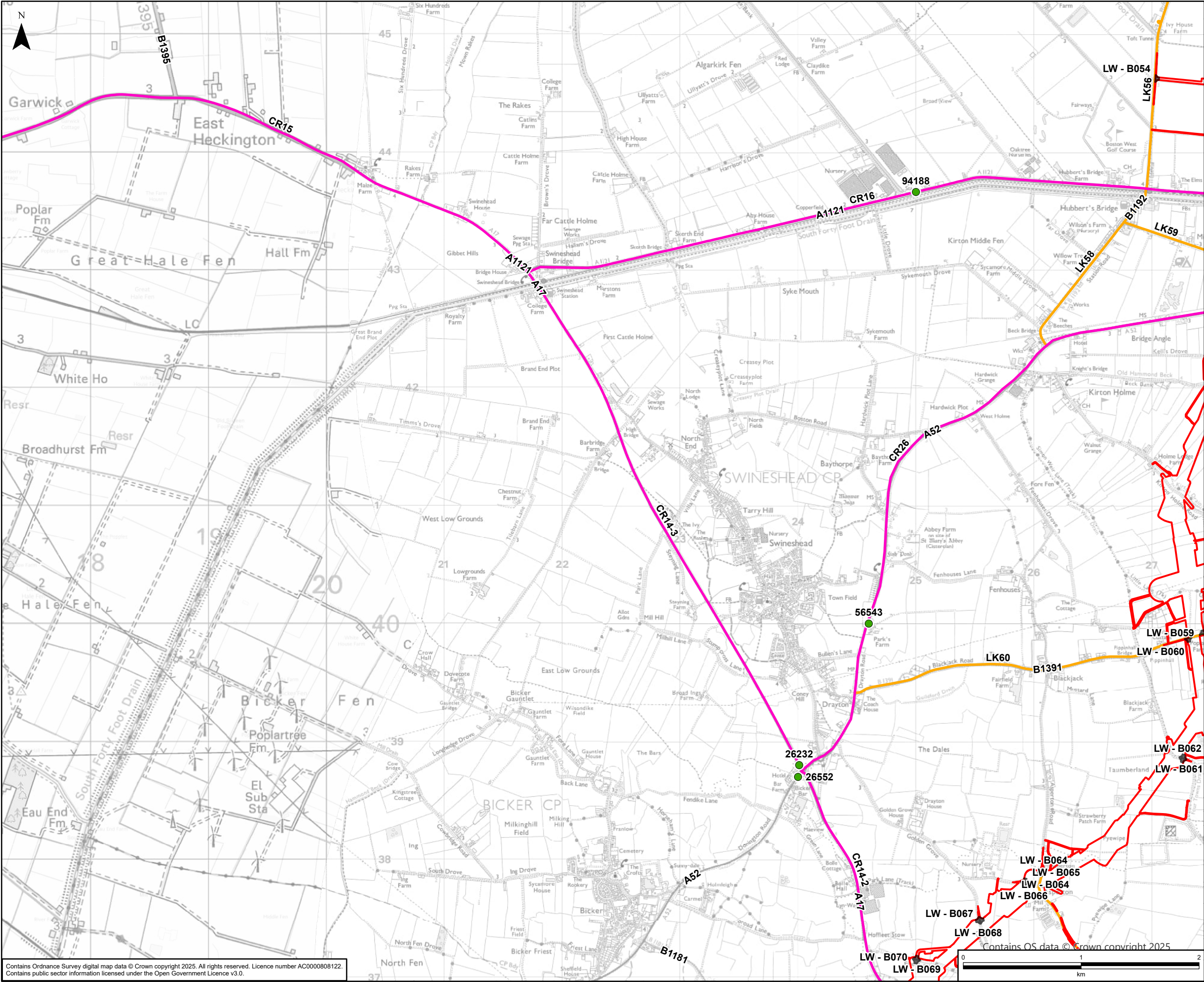
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- DfT Counter (Site Reference)
- Primary Access Route - Core Route (CR)
- Primary Access Route - Local Link (LK)
- Indicative Bellmouth (Bellmouth Reference)

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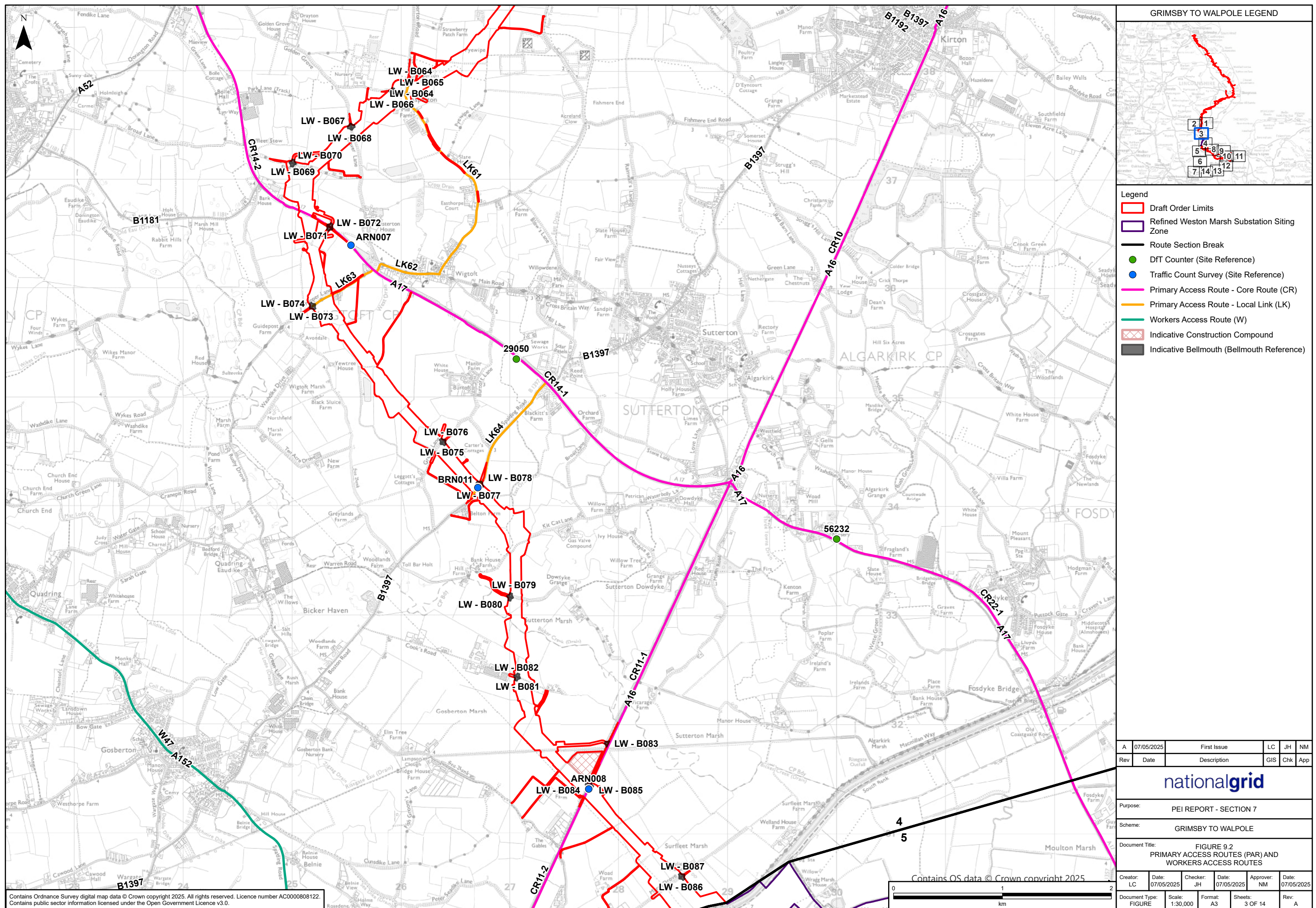
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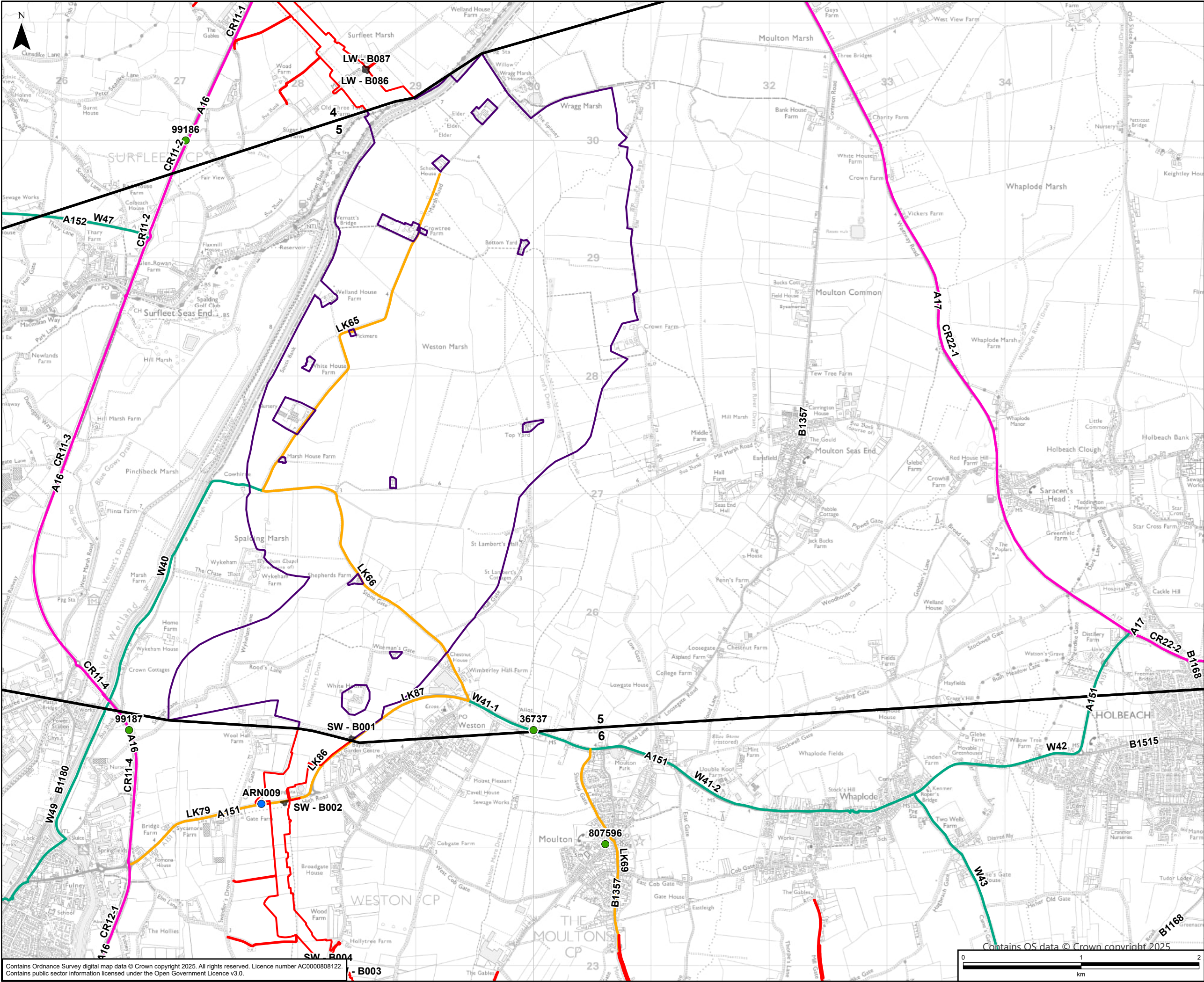
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PRIMARY ACCESS ROUTES (PAR) AND
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GRIMSBY TO WALPOLE LEGEND

Draft Order Limits

Refined Weston Marsh Substation Siting Zone

Route Section Break

DfT Counter (Site Reference)

Traffic Count Survey (Site Reference)

Primary Access Route - Core Route (CR)

Primary Access Route - Local Link (LK)

Workers Access Route (W)

Indicative Bellmouth (Bellmouth Reference)

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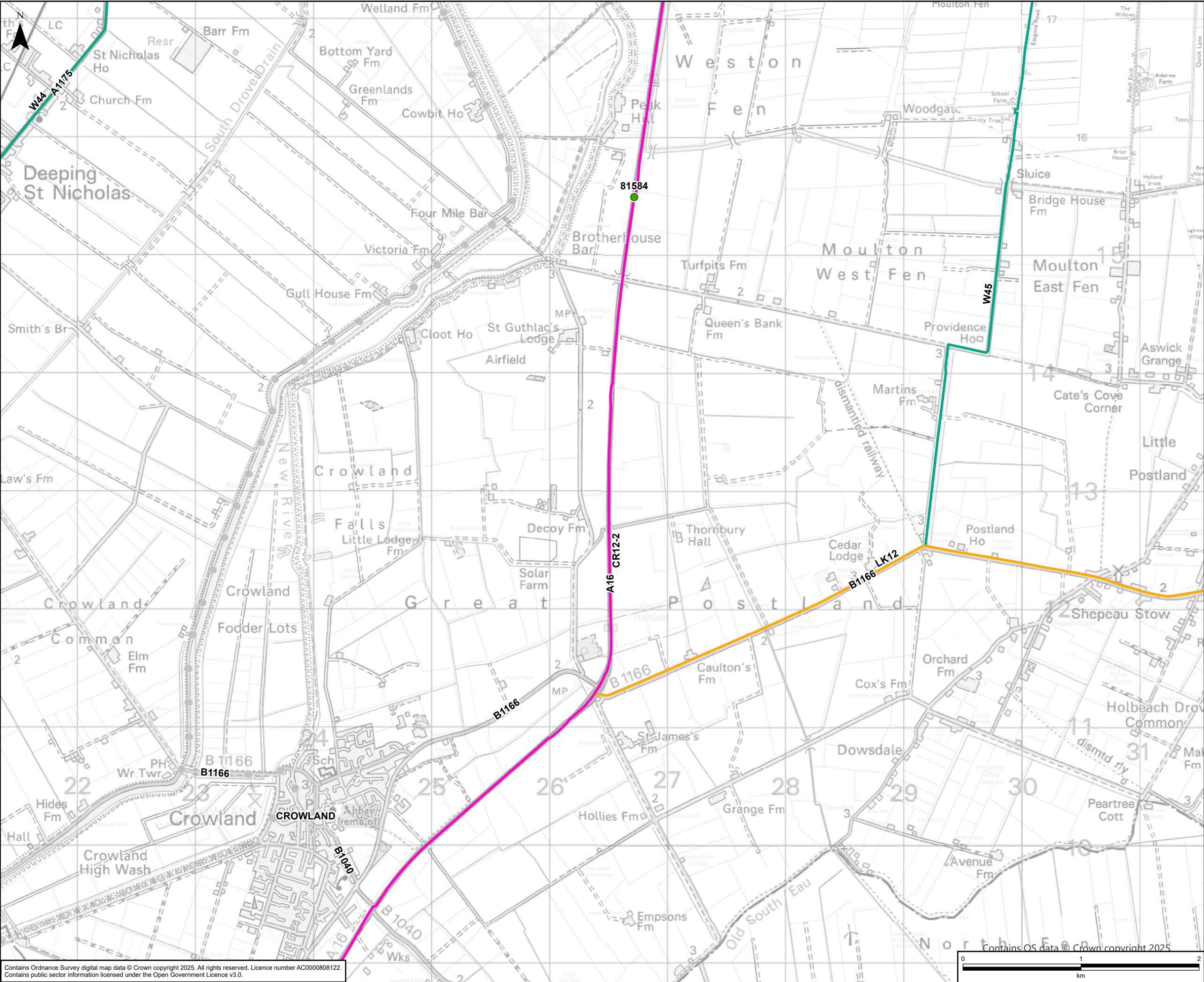
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GRIMSBY TO WALPOLE LEGEND

Legend

DfT Counter (Site Reference)

Primary Access Route - Core Route (CR)

Primary Access Route - Local Link (LK)

Workers Access Route (W)

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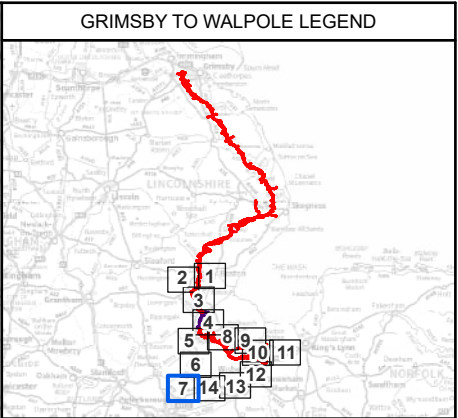
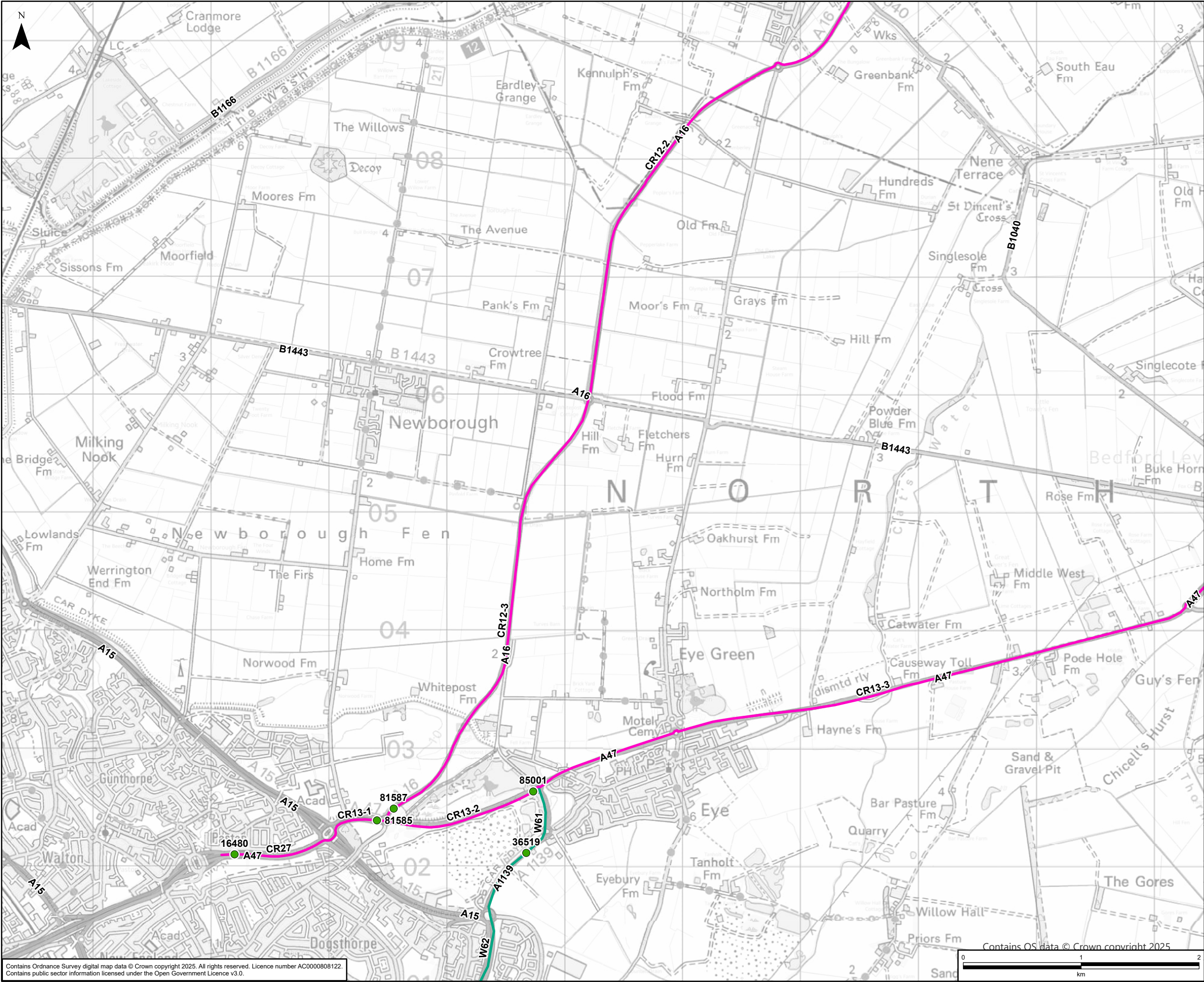
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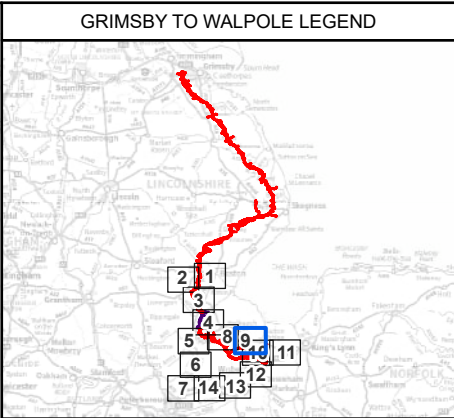
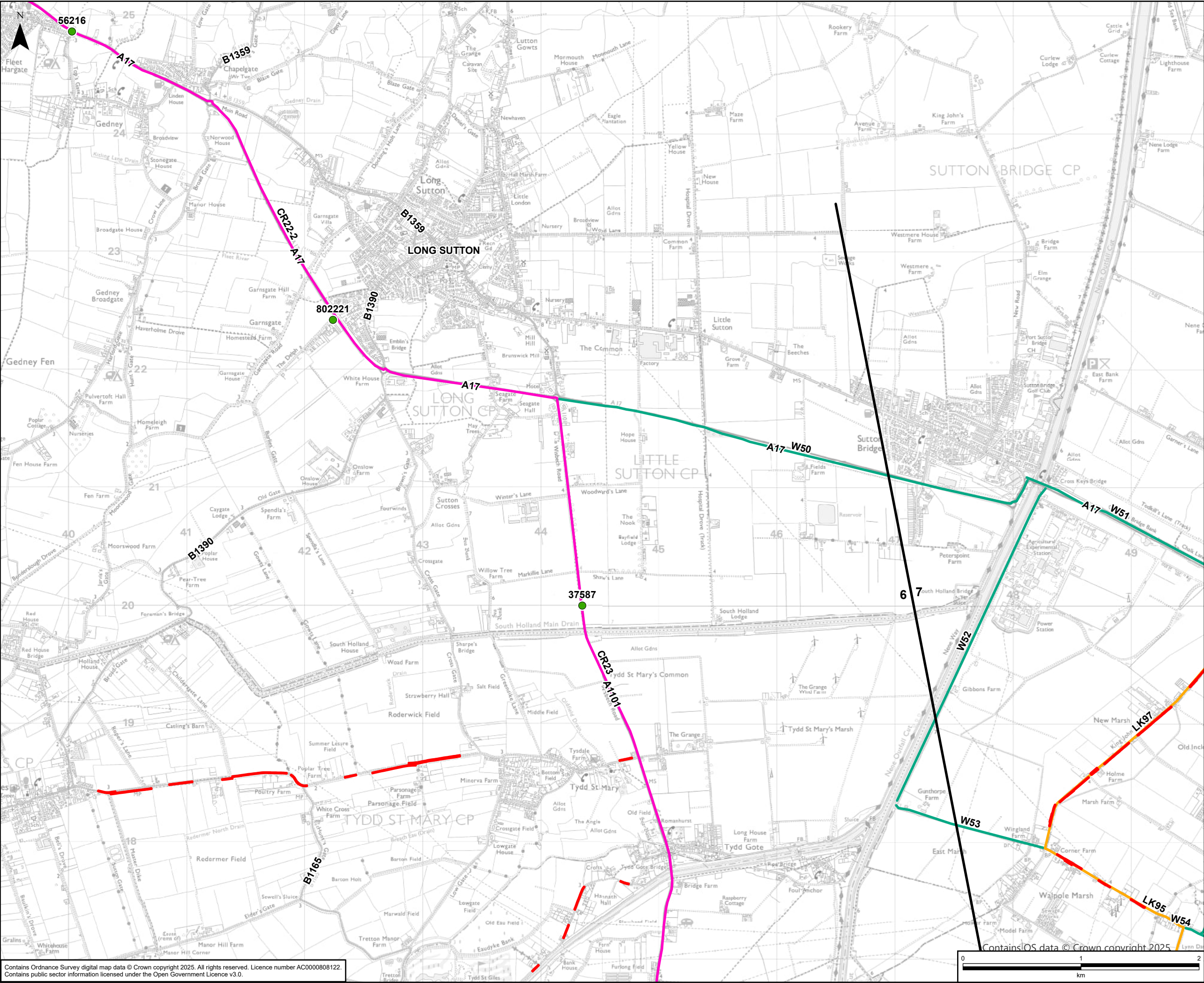
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- Legend
- DfT Counter (Site Reference)
 - Primary Access Route - Core Route (CR)
 - Workers Access Route (W)

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Document Title:		FIGURE 9.2 PRIMARY ACCESS ROUTES (PAR) AND WORKERS ACCESS ROUTES			
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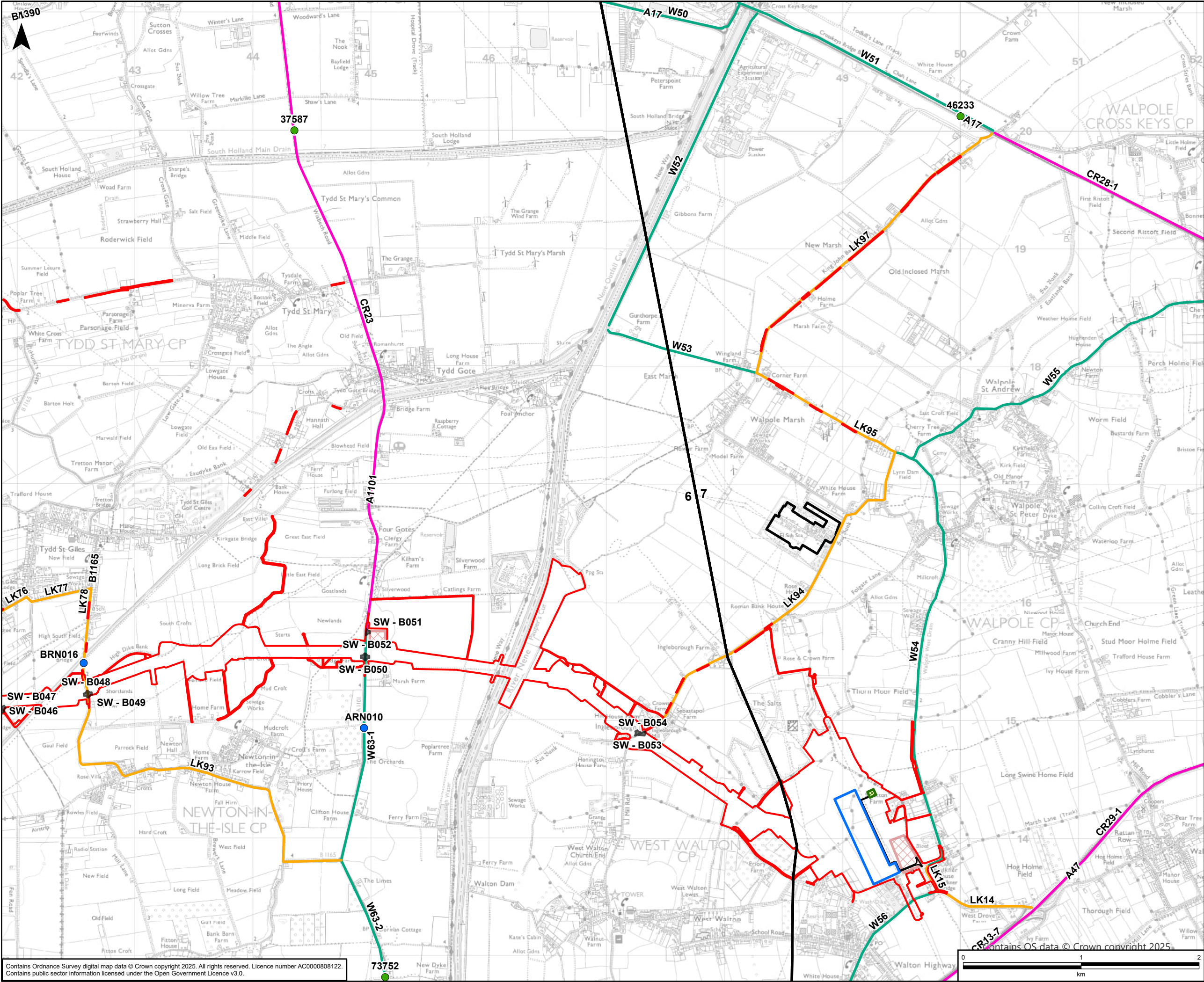
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- GRIMSBY TO WALPOLE LEGEND
- Draft Order Limits
 - Route Section Break
 - DfT Counter (Site Reference)
 - Primary Access Route - Core Route (CR)
 - Primary Access Route - Local Link (LK)
 - Workers Access Route (W)
 - Existing Substation Boundary

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GRIMSBY TO WALPOLE LEGEND

Draft Order Limits

Route Section Break

DfT Counter (Site Reference)

Traffic Count Survey (Site Reference)

Primary Access Route - Core Route (CR)

Primary Access Route - Local Link (LK)

Workers Access Route (W)

Existing Substation Boundary

Indicative New Substation Boundary

Indicative Cable Sealing End Compound Boundary

Indicative Permanent Substation Access Route

Indicative Construction Compound

Indicative Bellmouth (Bellmouth Reference)

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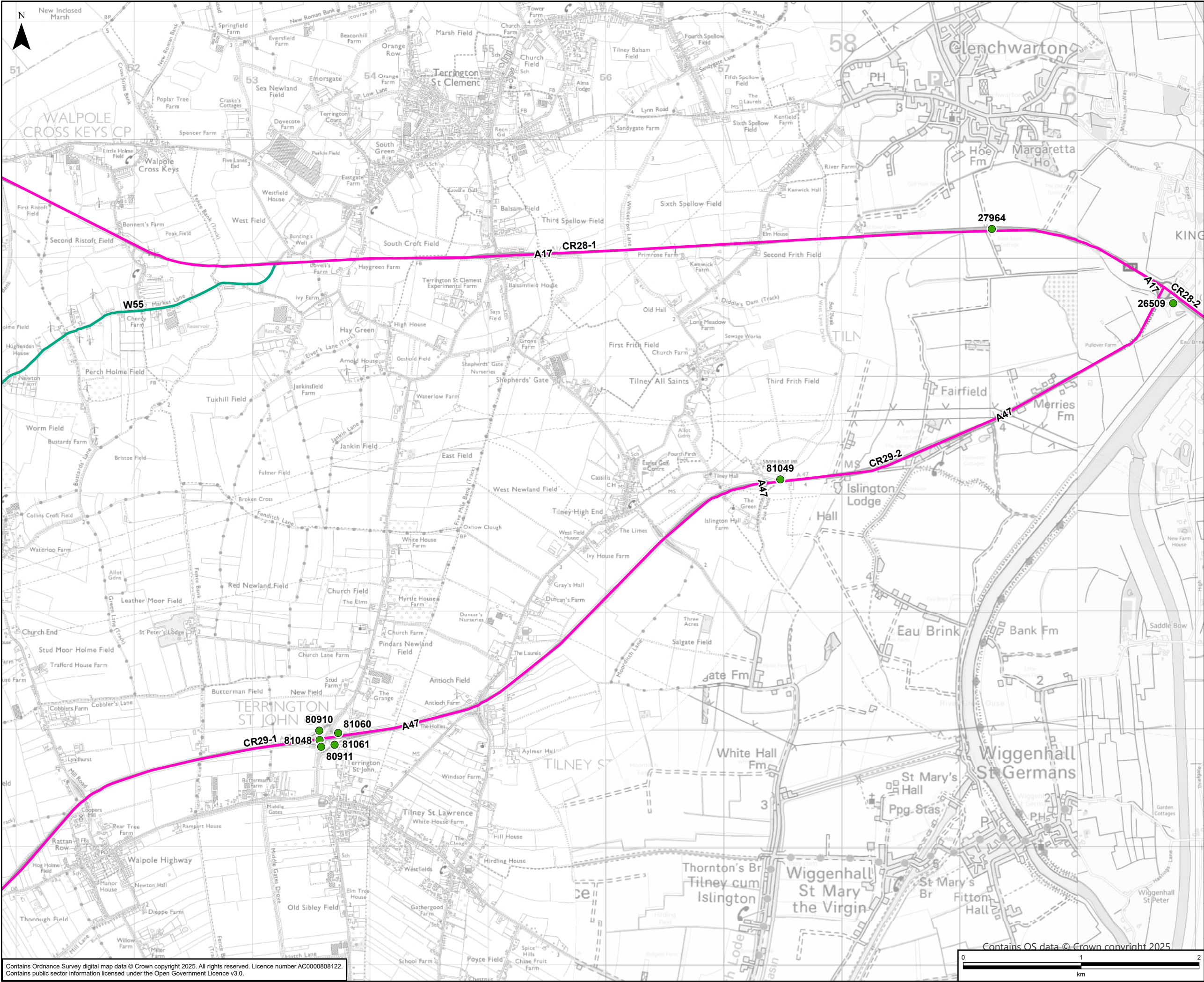
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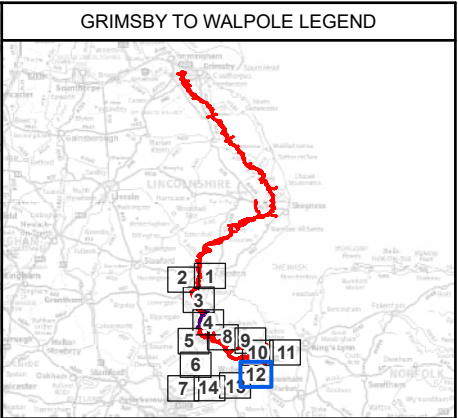
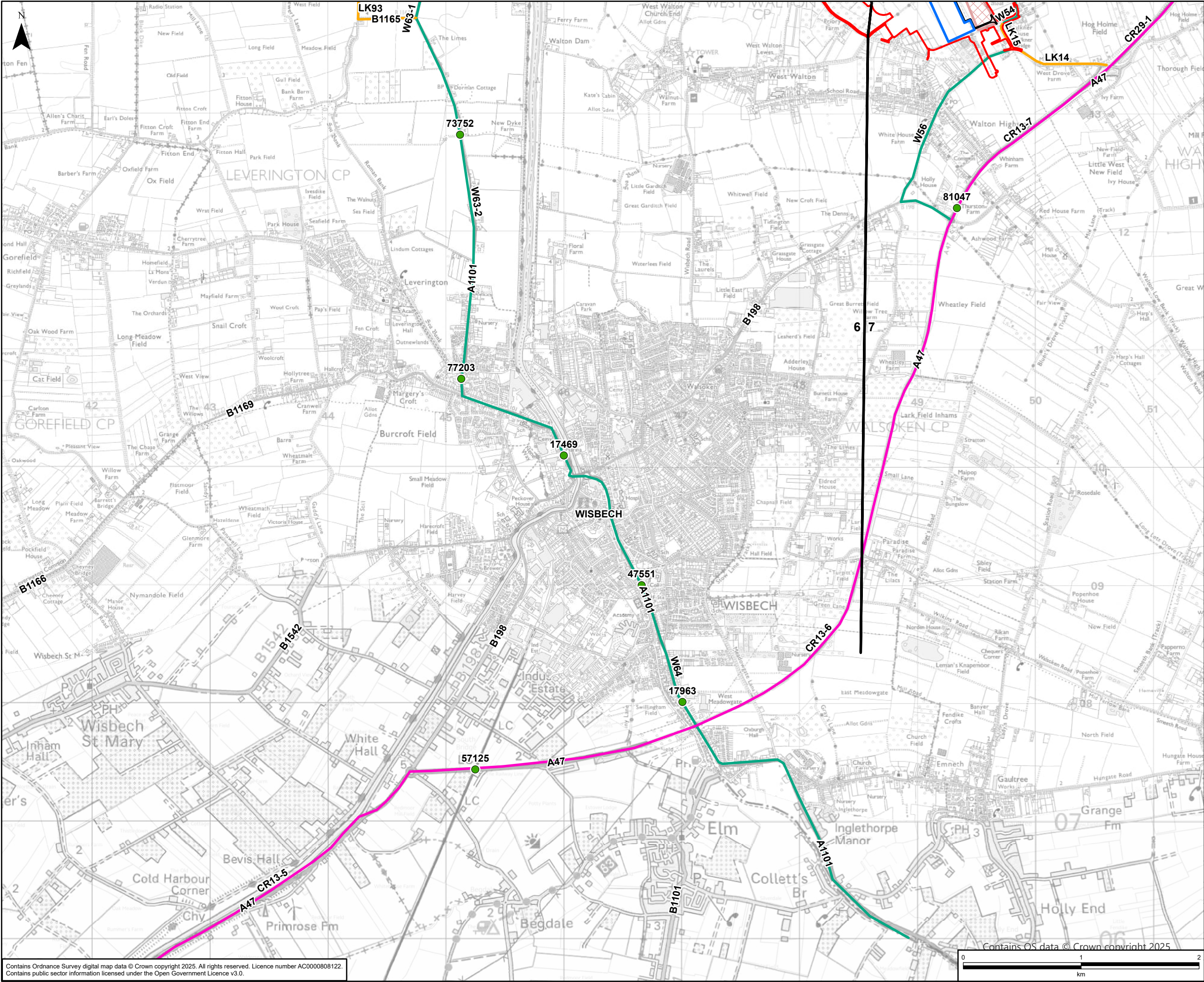
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Primary Access Route - Core Route (CR)

Workers Access Route (W)

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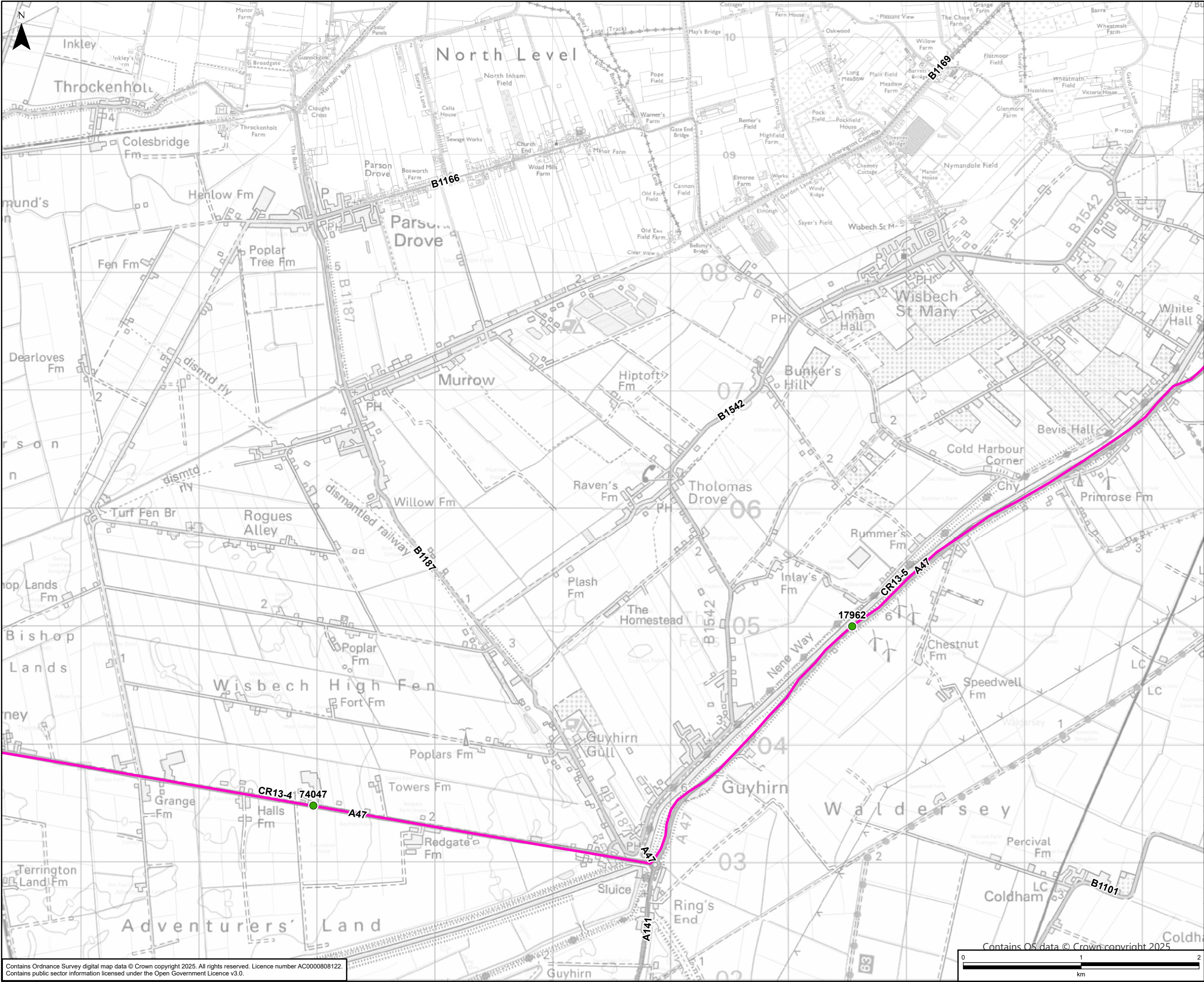
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- Legend**
- Draft Order Limits
 - Route Section Break
 - DfT Counter (Site Reference)
 - Primary Access Route - Core Route (CR)
 - Primary Access Route - Local Link (LK)
 - Workers Access Route (W)
 - Indicative New Substation Boundary
 - Indicative Permanent Substation Access Route

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GRIMSBY TO WALPOLE LEGEND

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DfT Counter (Site Reference)

Primary Access Route - Core Route (CR)

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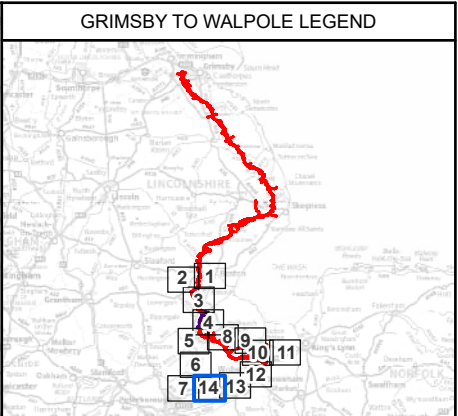
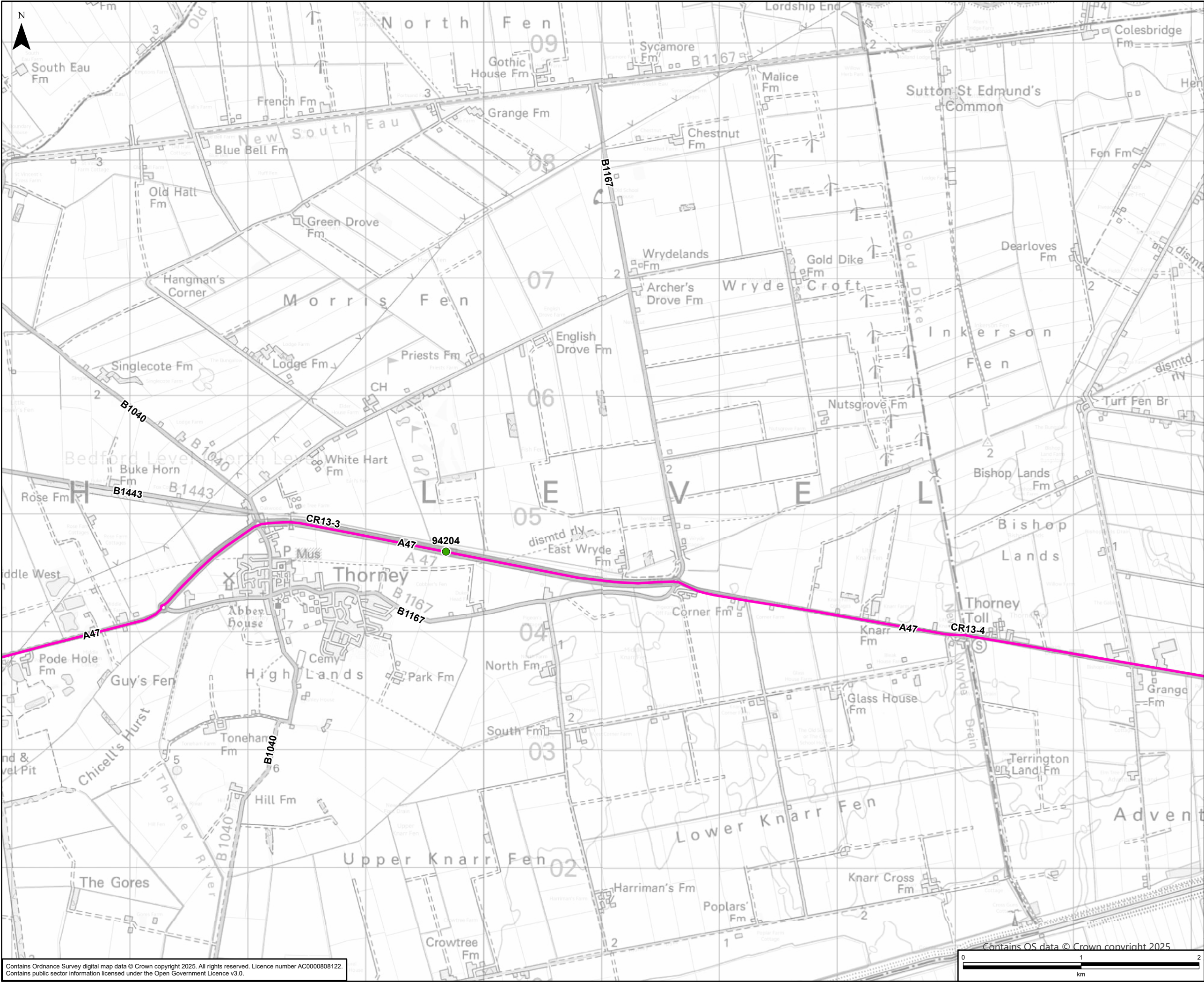
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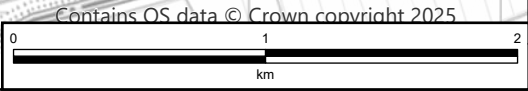
GRIMSBY TO WALPOLE LEGEND

Legend

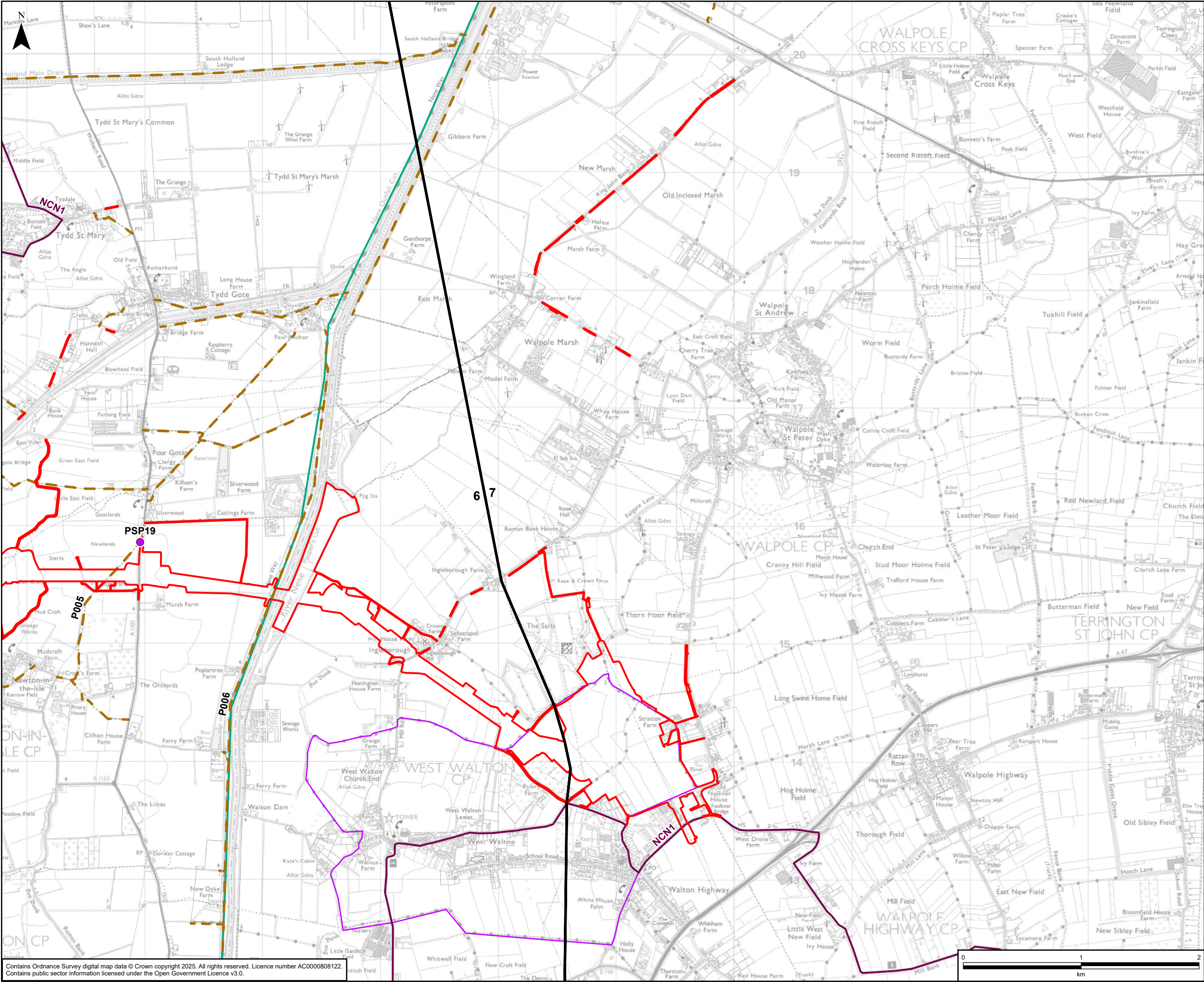
- DfT Counter (Site Reference)
- Primary Access Route - Core Route (CR)

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GRIMSBY TO WALPOLE LEGEND

Legend

Draft Order Limits

Route Section Break

Public Right of Way Count Survey Location

Public Right of Way (PROW)

National Cycle Network (NCN)

Recreational Route

Nene Way

West Walton Jubilee Walk

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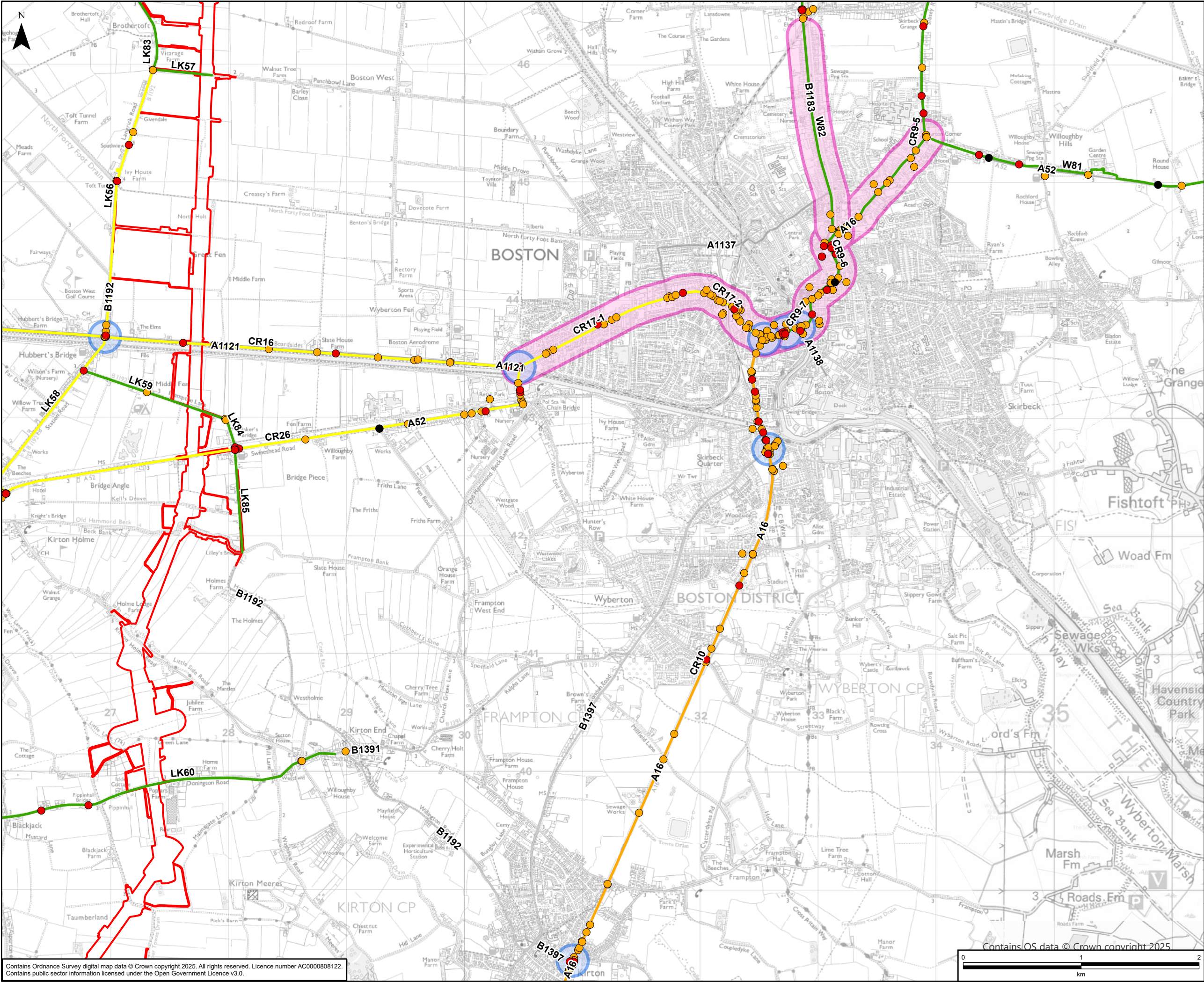
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LC	07/04/2025	JH	07/04/2025	NM	07/04/2025
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Collision Cluster
- Sensitive Receptor

Accident - 2019 to 2023 (Severity of injury)

- Fatal
- Serious
- Slight

Access Route (Congestion Rating)

- 0
- 1
- 2
- 3

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

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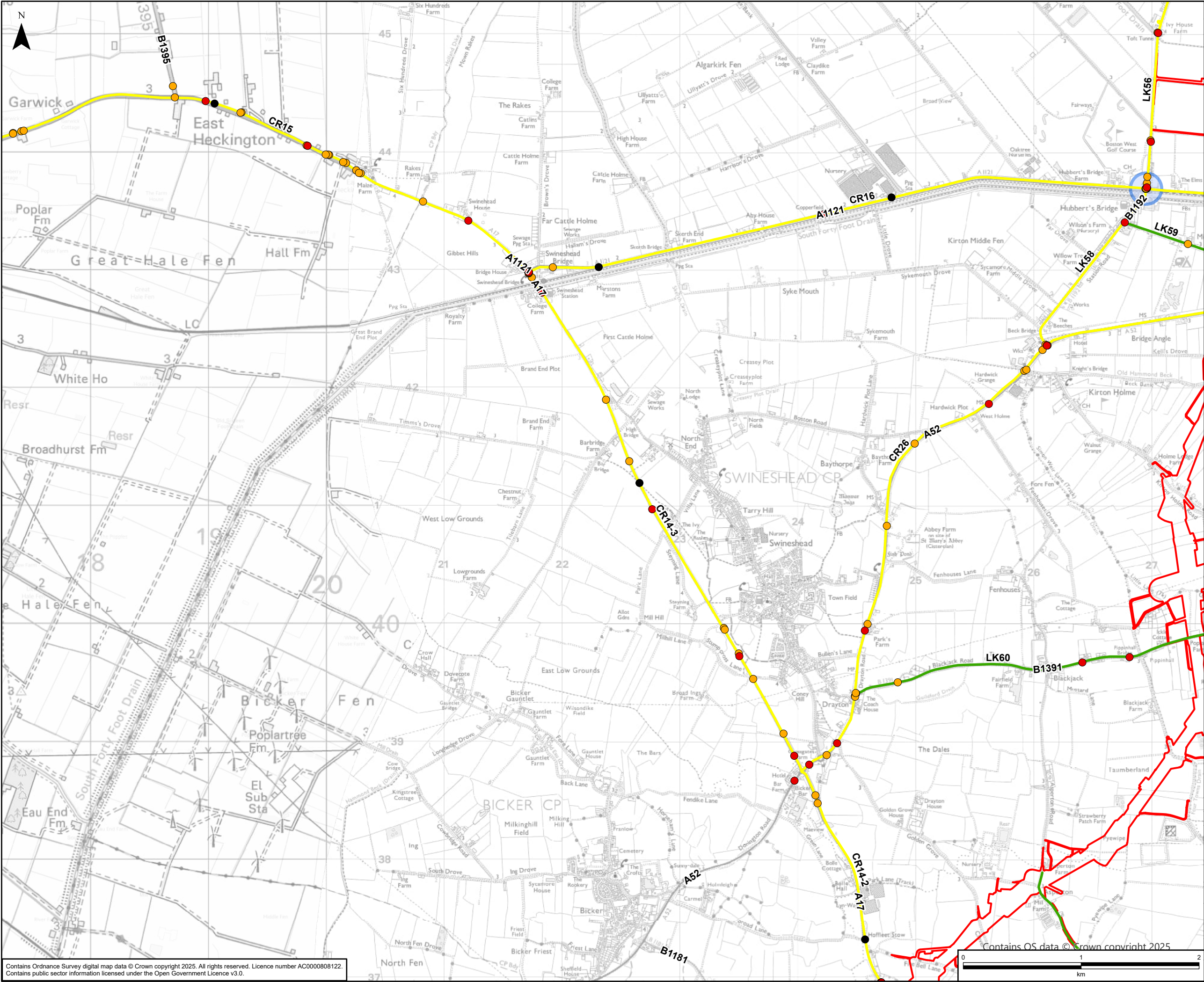
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ROUTE SENSITIVITY

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Collision Cluster
- Accident - 2019 to 2023 (Severity of injury)
 - Fatal
 - Serious
 - Slight
- Access Route (Congestion Rating)
 - 0
 - 1
 - 2
 - 3
- CR: Primary Access Route - Core Route
- LK: Primary Access Route - Local Link
- W: Workers Access Route

A	07/05/2025	First Issue	LC	JH	NM
Rev	Date	Description	GIS	Chk	App

Purpose:

PEI REPORT - SECTION 7

Scheme:

GRIMSBY TO WALPOLE

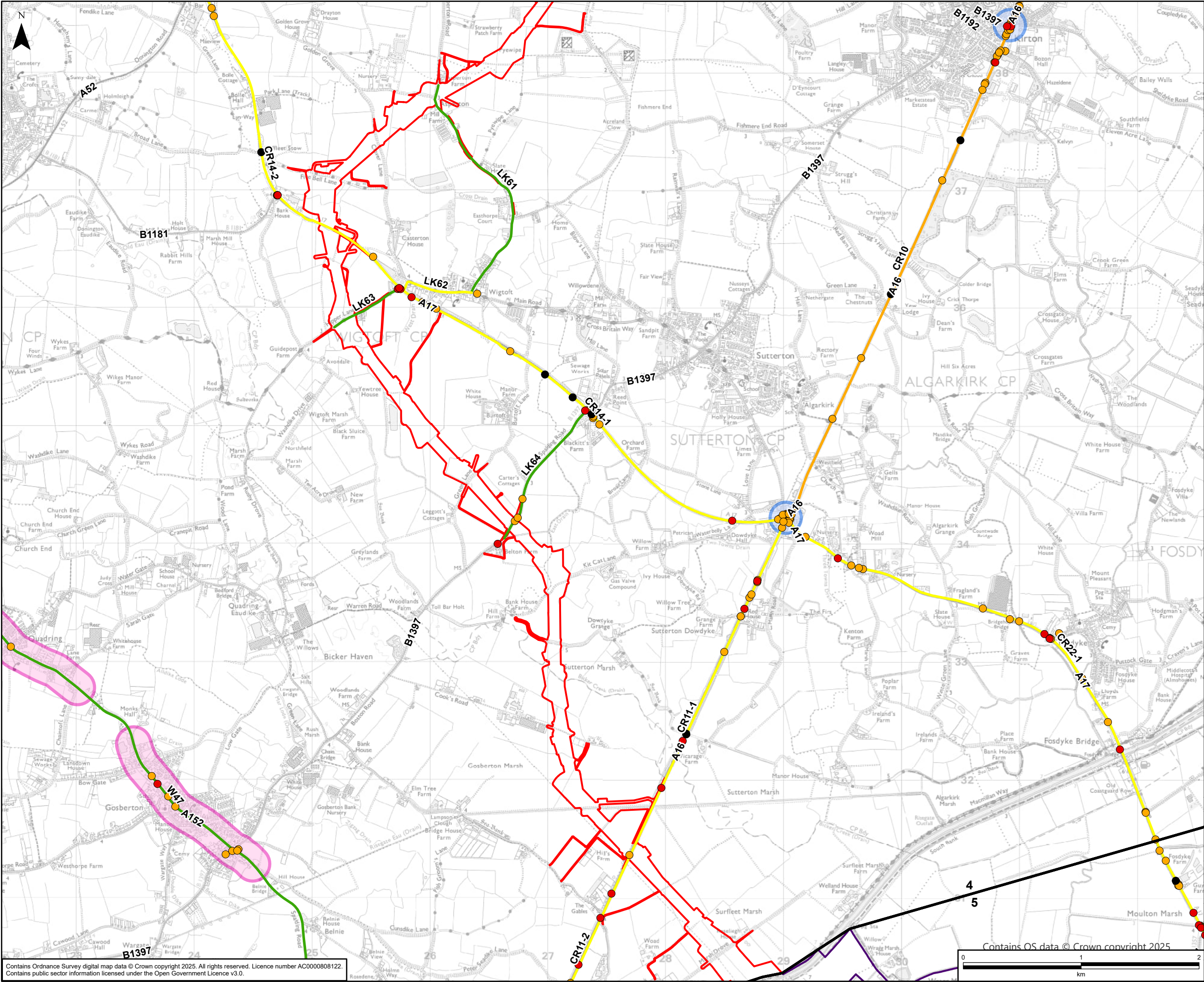
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FIGURE 9.4
ROUTE SENSITIVITY

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LC	07/05/2025	JH	07/05/2025	NM	07/05/2025

Document Type:	Scale:	Format:	Sheets:	Rev:
FIGURE	1:30,000	A3	2 OF 14	A

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Refined Weston Marsh Substation Siting Zone
- Route Section Break
- Collision Cluster
- Sensitive Receptor

Accident - 2019 to 2023 (Severity of injury)

- Fatal
- Serious
- Slight

Access Route (Congestion Rating)

- 0
- 1
- 2
- 3

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

A	07/05/2025	First Issue	LC	JH	NM
Rev	Date	Description	GIS	Chk	App

nationalgrid

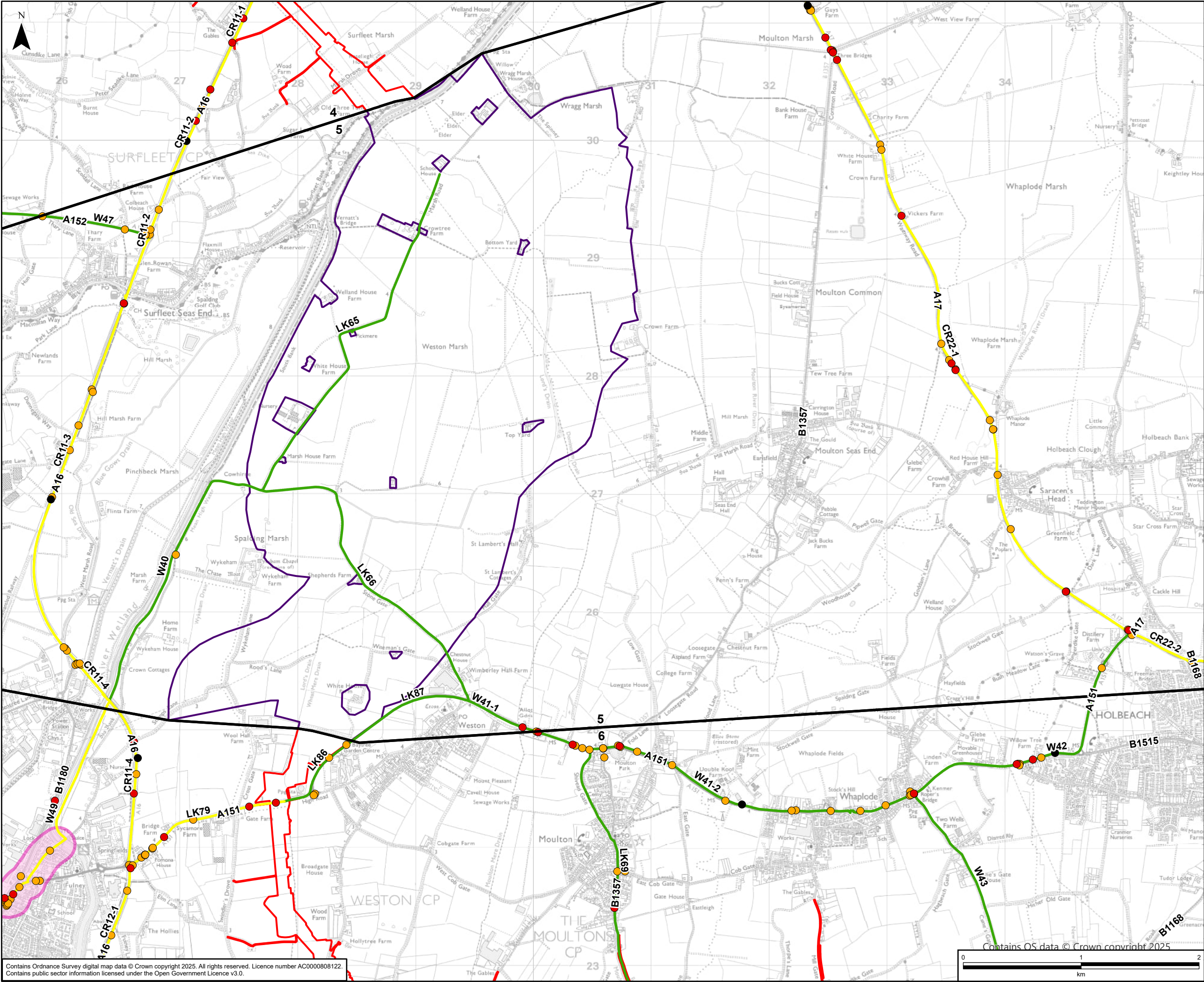
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Document Type: FIGURE	Scale: 1:30,000	Format: A3	Sheets: 3 OF 14	Rev: A	

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Refined Weston Marsh Substation Siting Zone
- Route Section Break
- Collision Cluster
- Sensitive Receptor
- Accident - 2019 to 2023 (Severity of injury)
 - Fatal
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A	07/05/2025	First Issue	LC	JH	NM
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Purpose:

PEI REPORT - SECTION 7

Scheme:

GRIMSBY TO WALPOLE

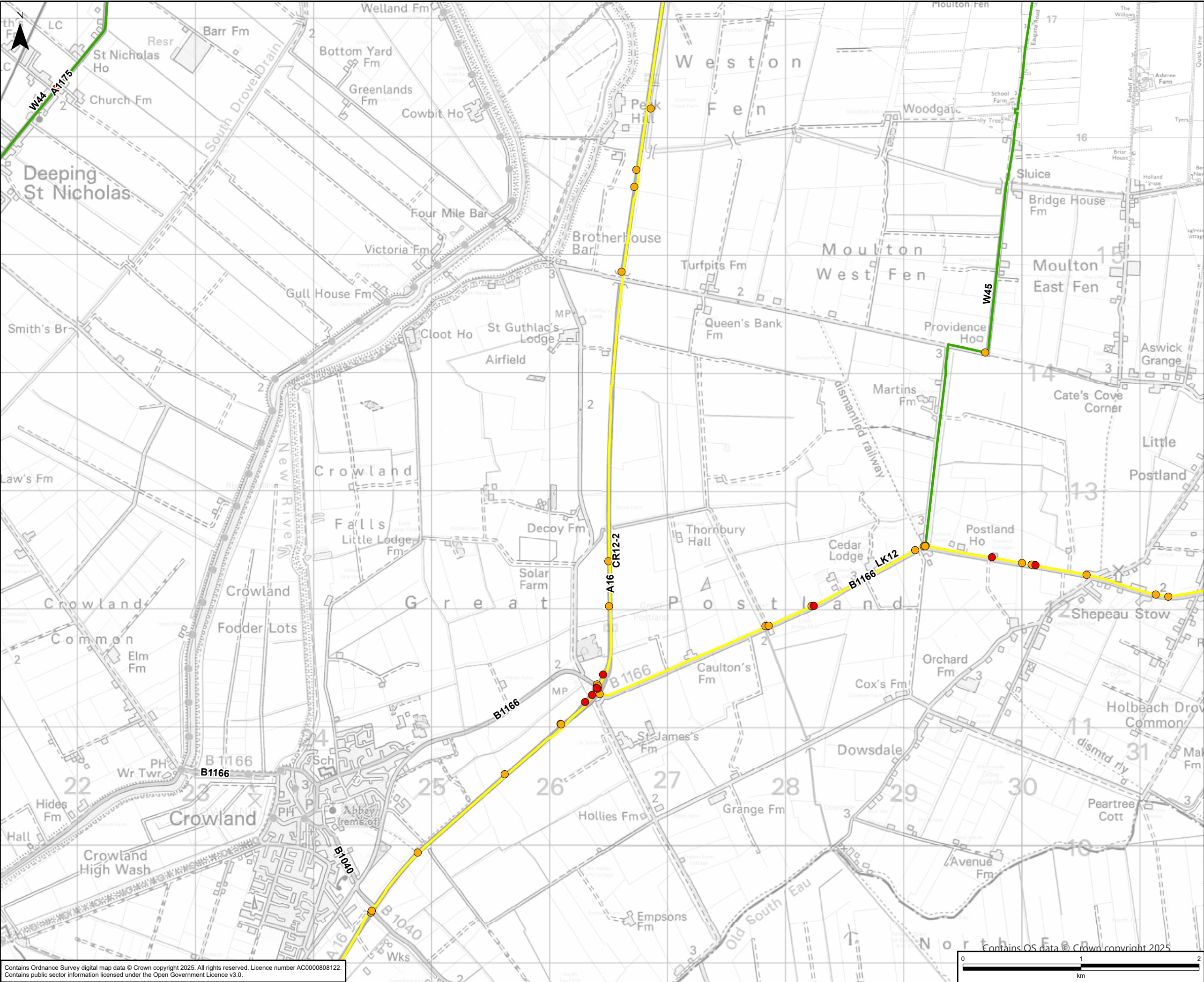
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GRIMSBY TO WALPOLE LEGEND

Legend

- Collision Cluster
- Accident - 2019 to 2023 (Severity of injury)
 - Serious
 - Slight
- Access Route (Congestion Rating)
 - 0
 - 1
 - 2
 - 3
- CR: Primary Access Route - Core Route
- LK: Primary Access Route - Local Link
- W: Workers Access Route

A	07/05/2025	First Issue	LC	JH	NM
Rev	Date	Description	GIS	Chk	App

nationalgrid

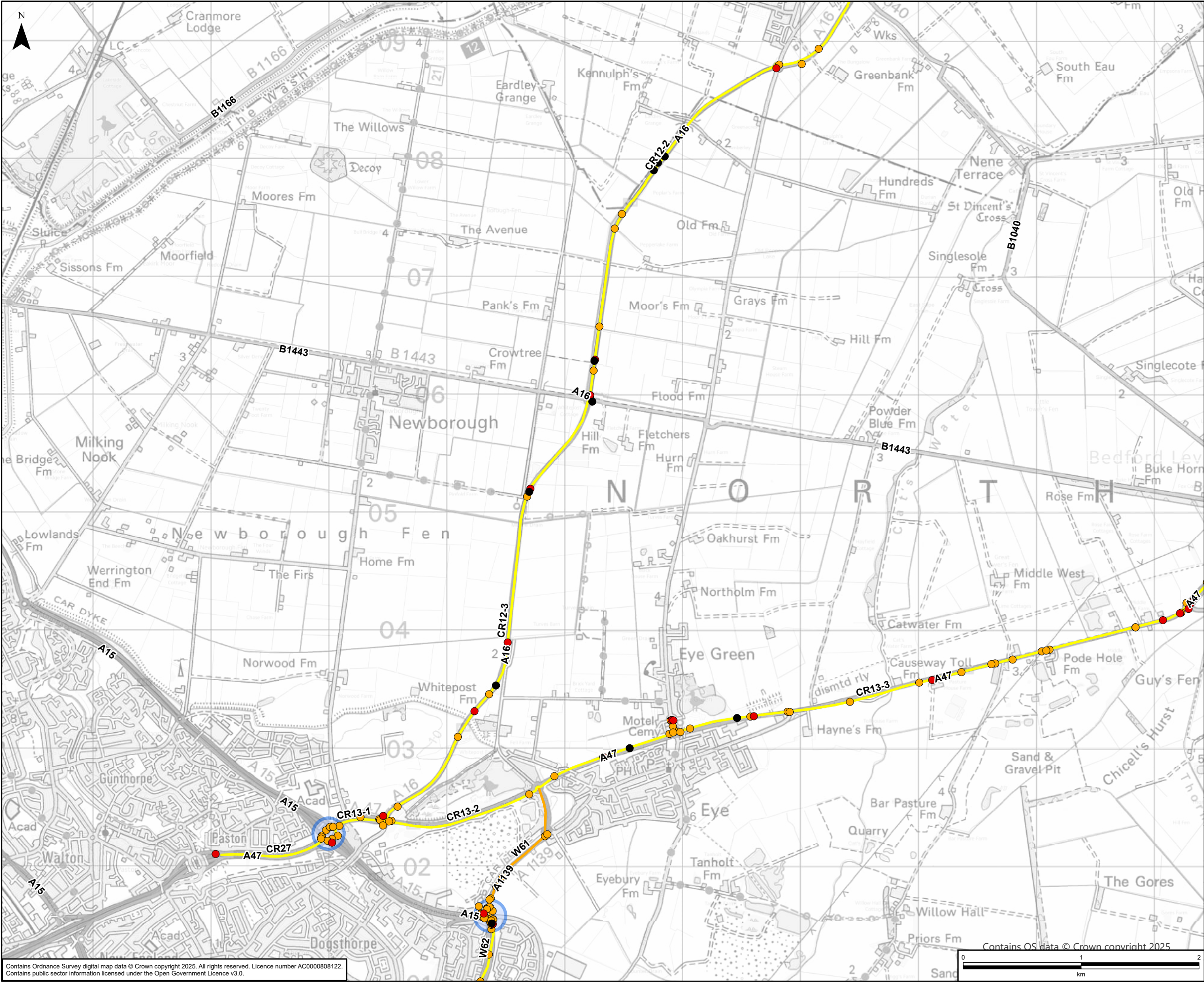
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GRIMSBY TO WALPOLE LEGEND

Legend

Collision Cluster

Accident - 2019 to 2023 (Severity of injury)

- Fatal
- Serious
- Slight

Access Route (Congestion Rating)

- 0
- 1
- 2
- 3

CR: Primary Access Route - Core Route

LK: Primary Access Route - Local Link

W: Workers Access Route

A	07/05/2025	First Issue	LC	JH	NM
Rev	Date	Description	GIS	Chk	App

nationalgrid

Purpose: PEI REPORT - SECTION 7

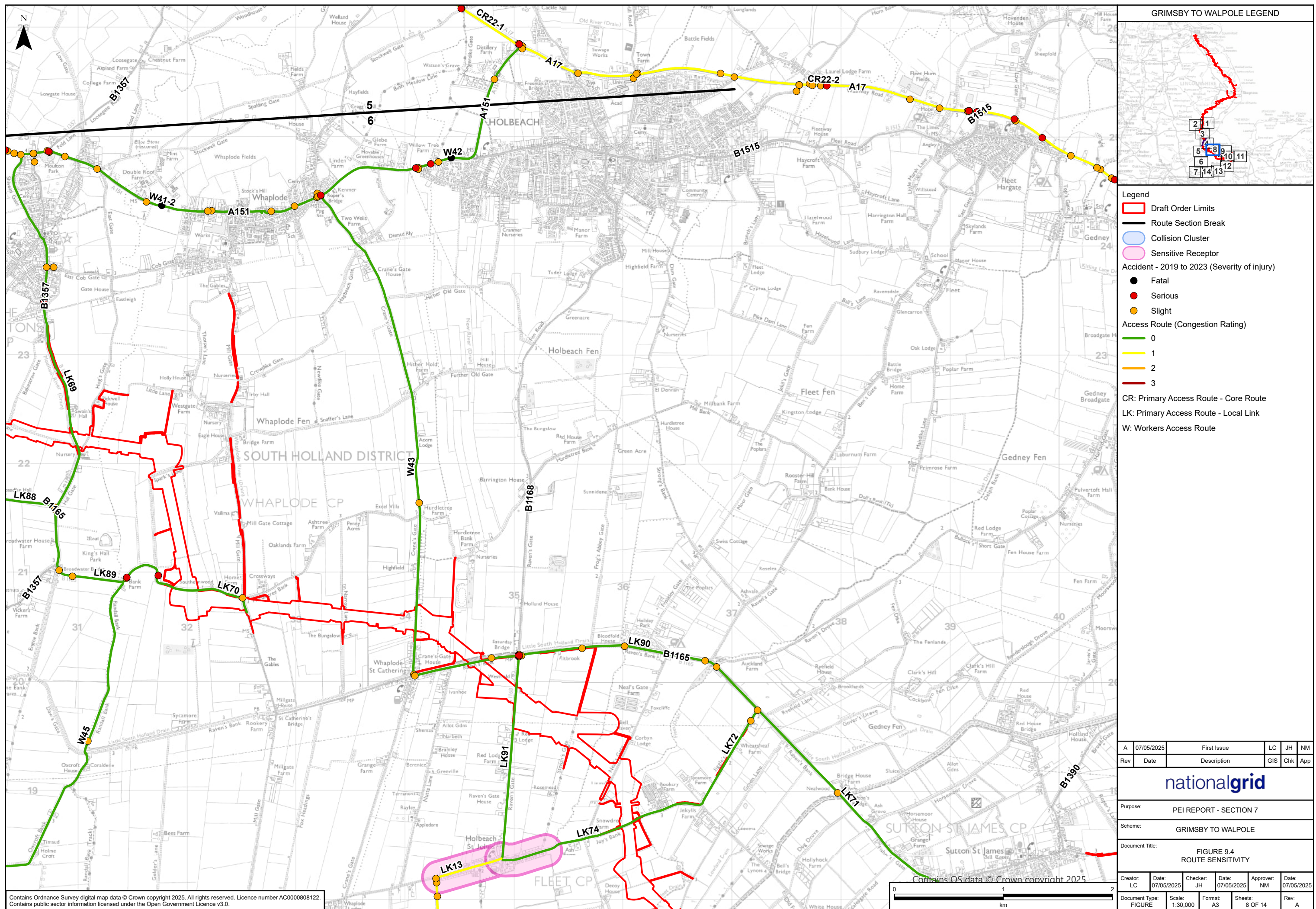
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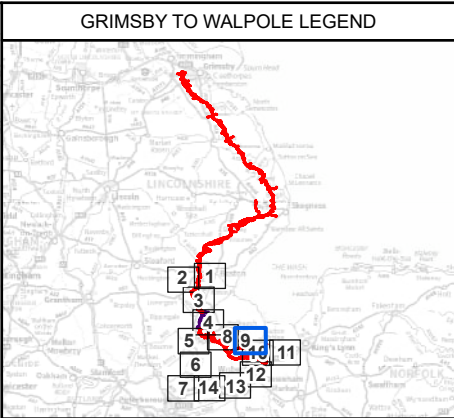
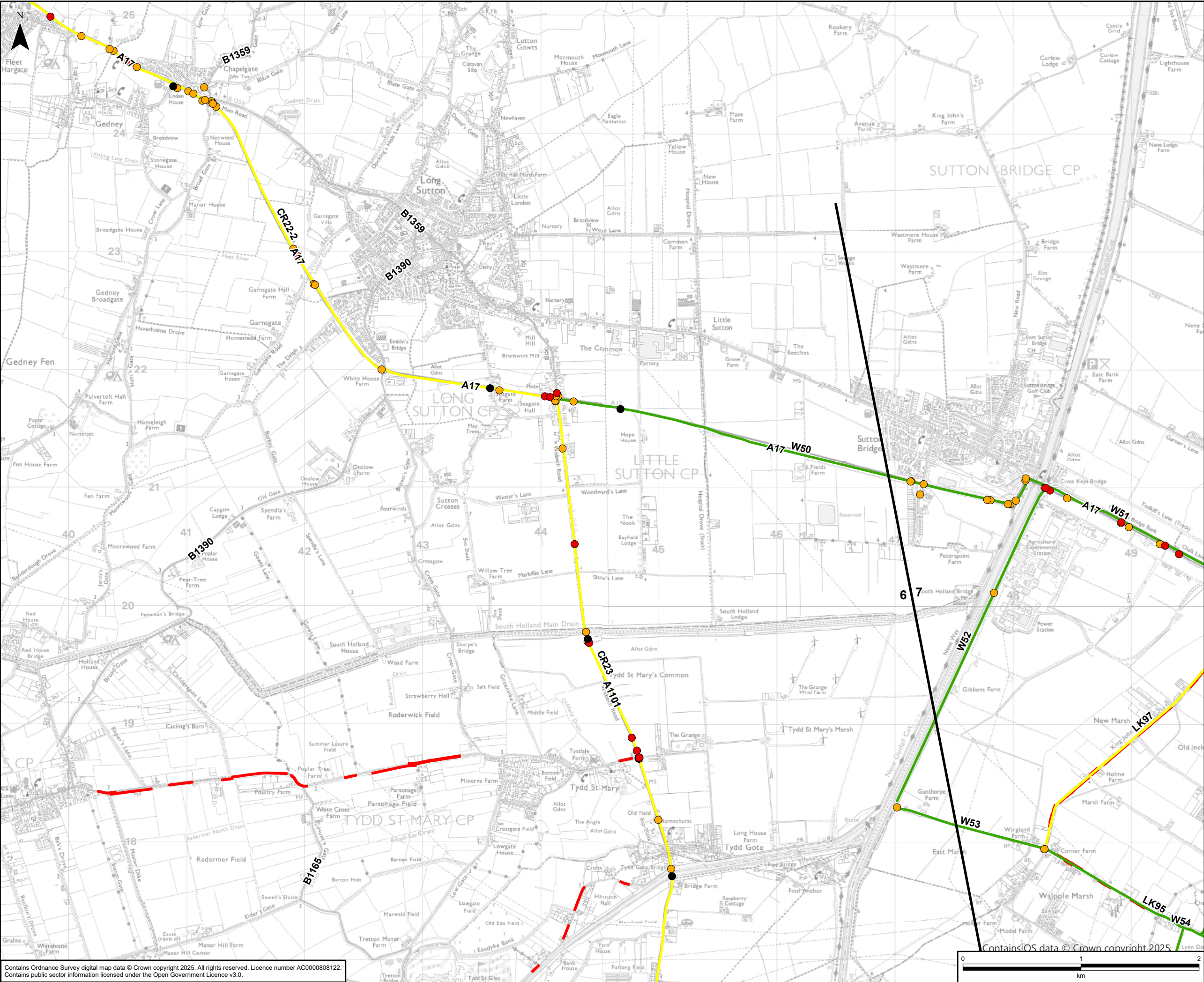
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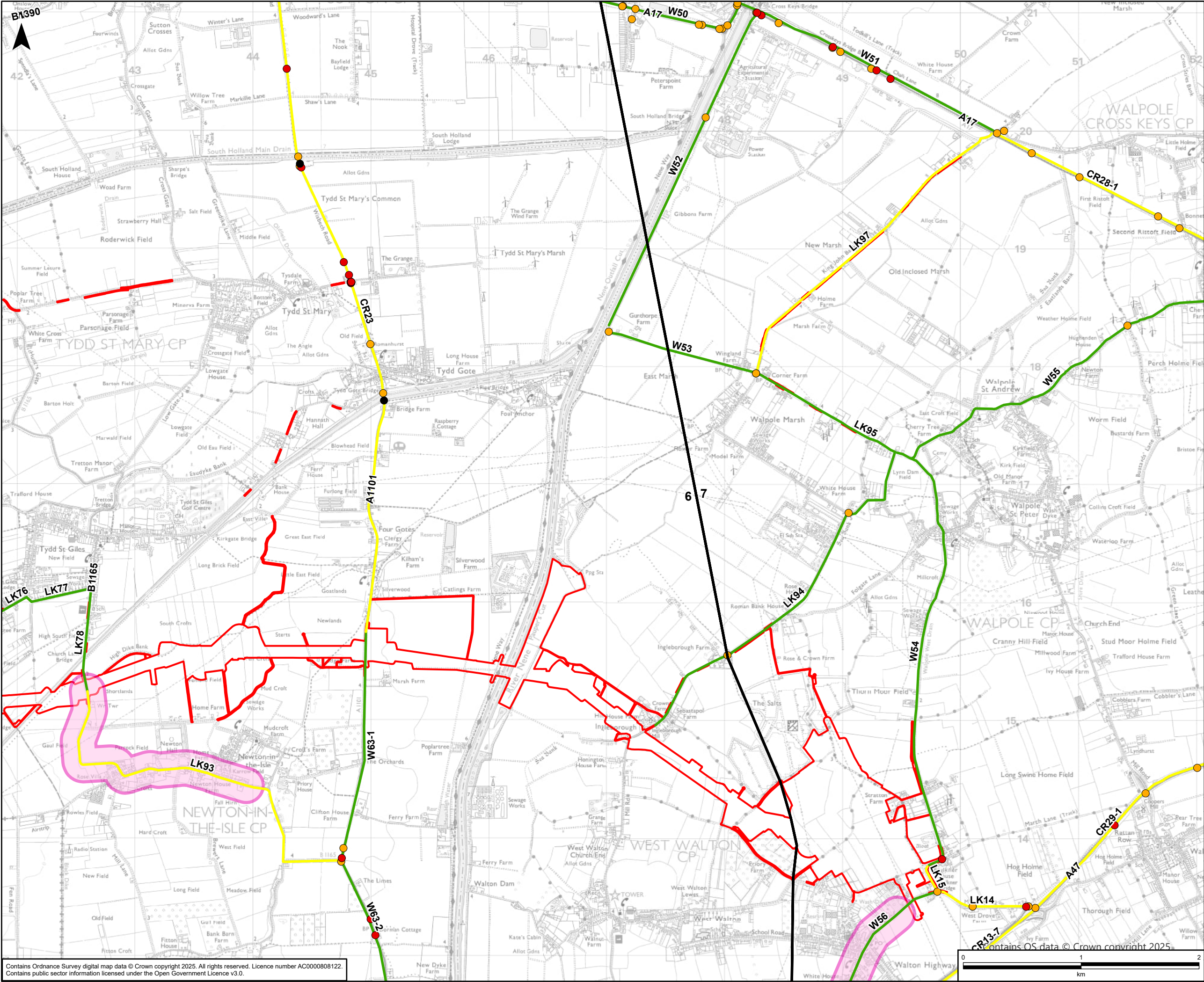
Legend

- Draft Order Limits
- Route Section Break
- Collision Cluster
- Accident - 2019 to 2023 (Severity of injury)
 - Fatal
 - Serious
 - Slight
- Access Route (Congestion Rating)
 - 0
 - 1
 - 2
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CR: Primary Access Route - Core Route
LK: Primary Access Route - Local Link
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A	07/05/2025	First Issue	LC	JH	NM
Rev	Date	Description	GIS	Chk	App
nationalgrid					
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Route Section Break
- Collision Cluster
- Sensitive Receptor
- Accident - 2019 to 2023 (Severity of injury)
- Fatal
- Serious
- Slight
- Access Route (Congestion Rating)
- 0
- 1
- 2
- 3

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

A	07/05/2025	First Issue	LC	JH	NM
Rev	Date	Description	GIS	Chk	App

nationalgrid

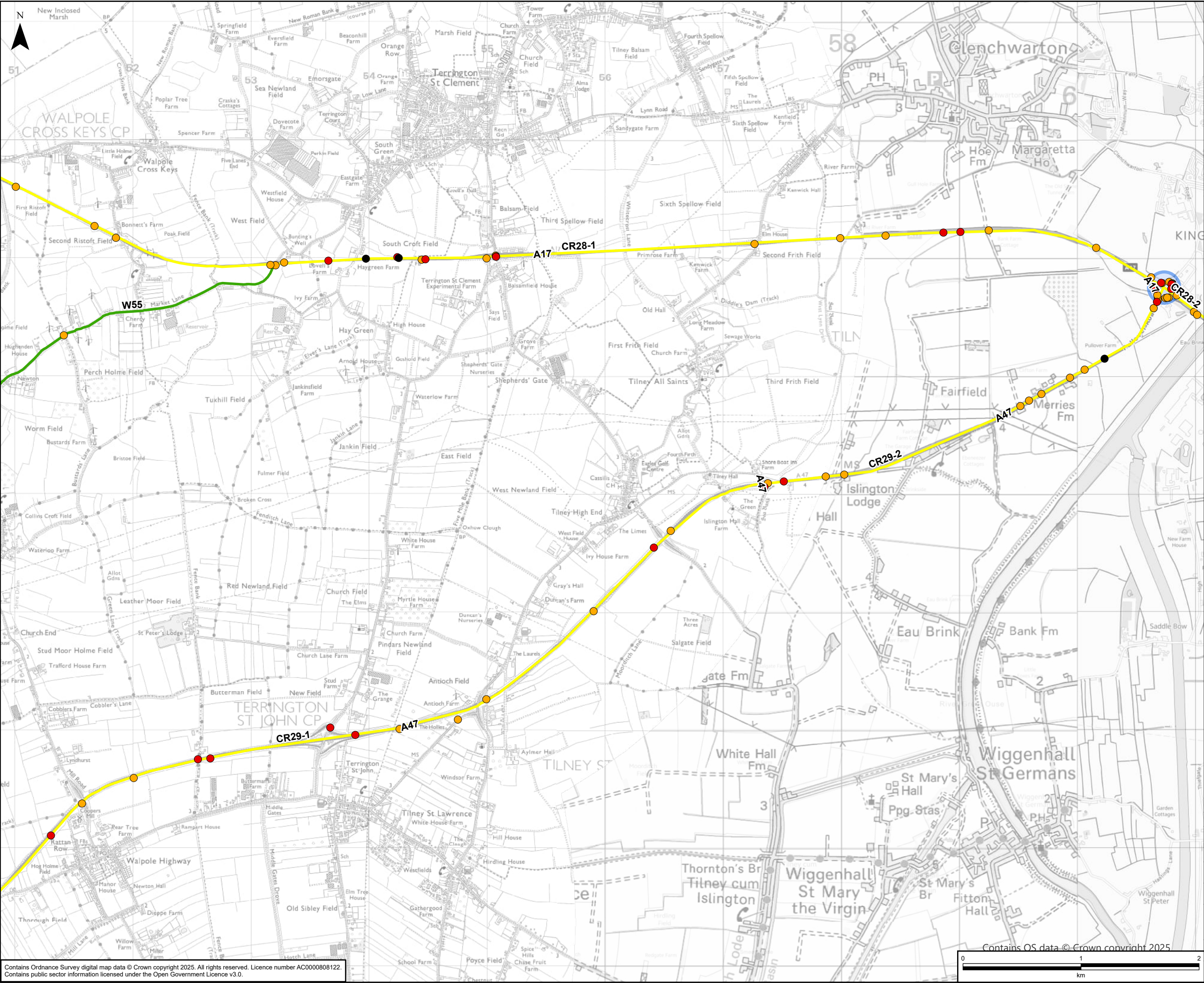
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GRIMSBY TO WALPOLE LEGEND

Legend

- Collision Cluster
- Accident - 2019 to 2023 (Severity of injury)
 - Fatal
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- LK: Primary Access Route - Local Link
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A	07/05/2025	First Issue	LC	JH	NM
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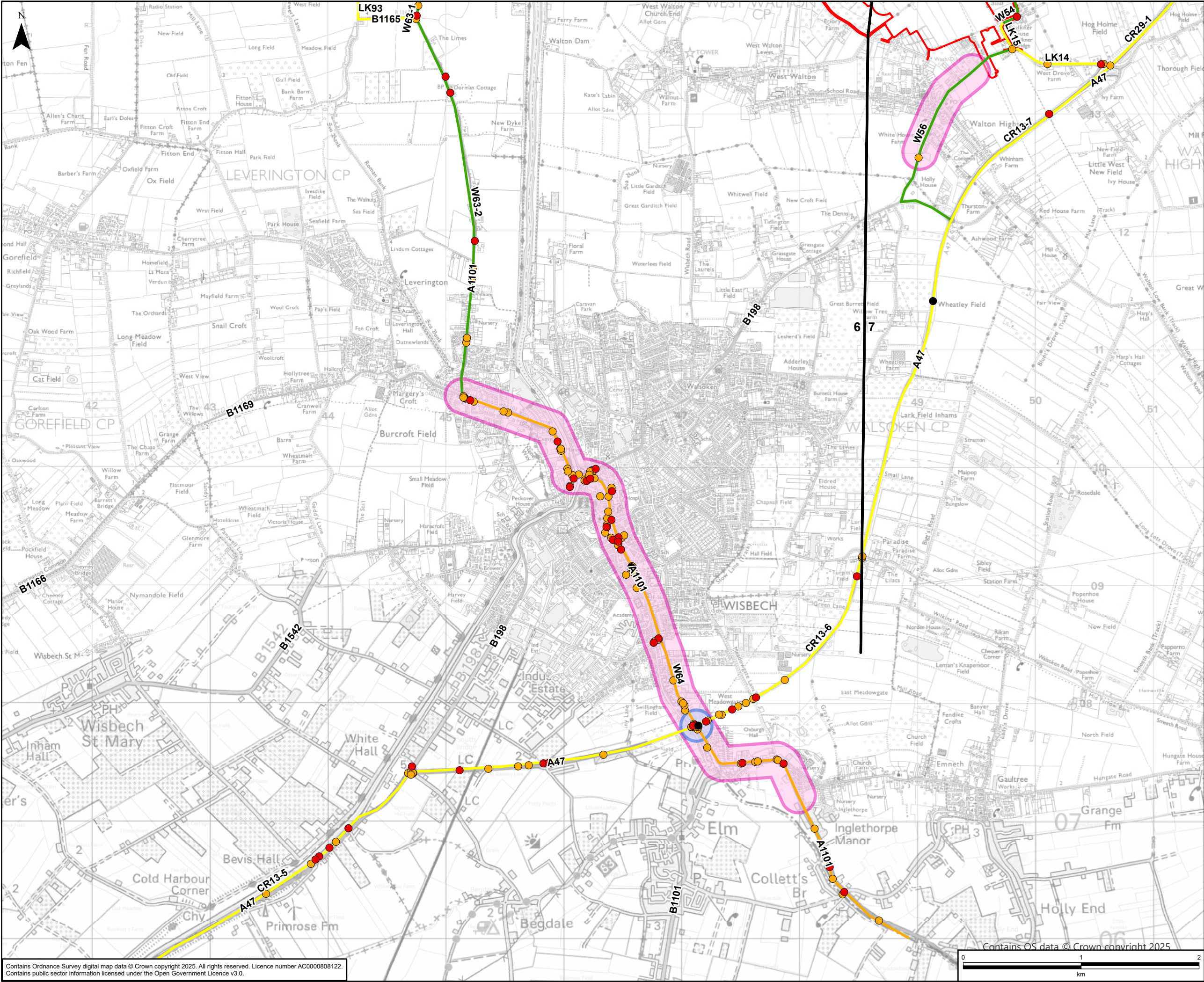
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Route Section Break
- Collision Cluster
- Sensitive Receptor

Accident - 2019 to 2023 (Severity of injury)

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- Serious
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Access Route (Congestion Rating)

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A	07/05/2025	First Issue	LC	JH	NM
Rev	Date	Description	GIS	Chk	App

Purpose:

PEI REPORT - SECTION 7

Scheme:

GRIMSBY TO WALPOLE

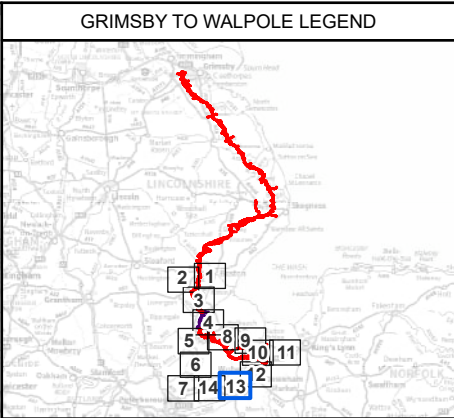
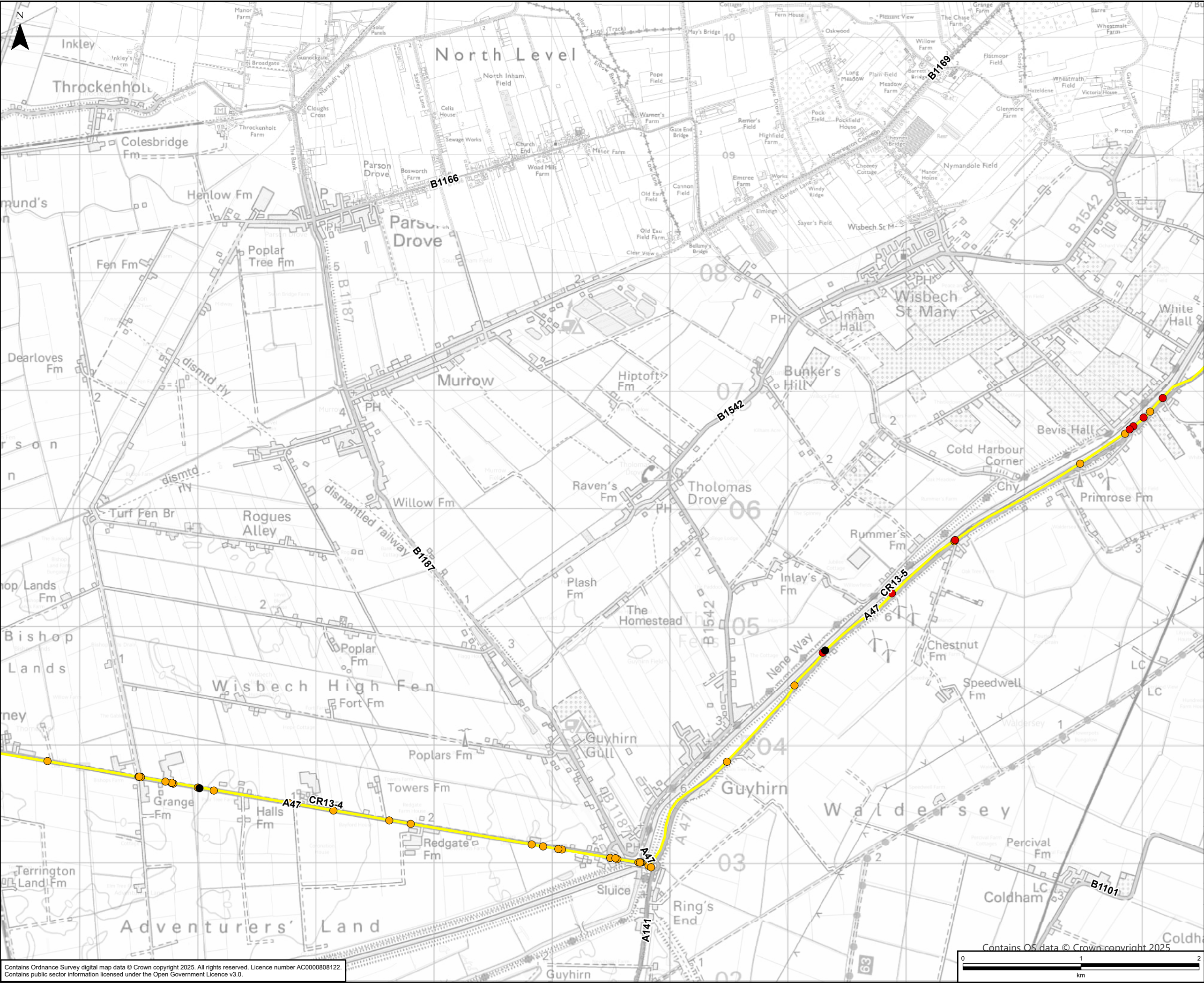
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ROUTE SENSITIVITY

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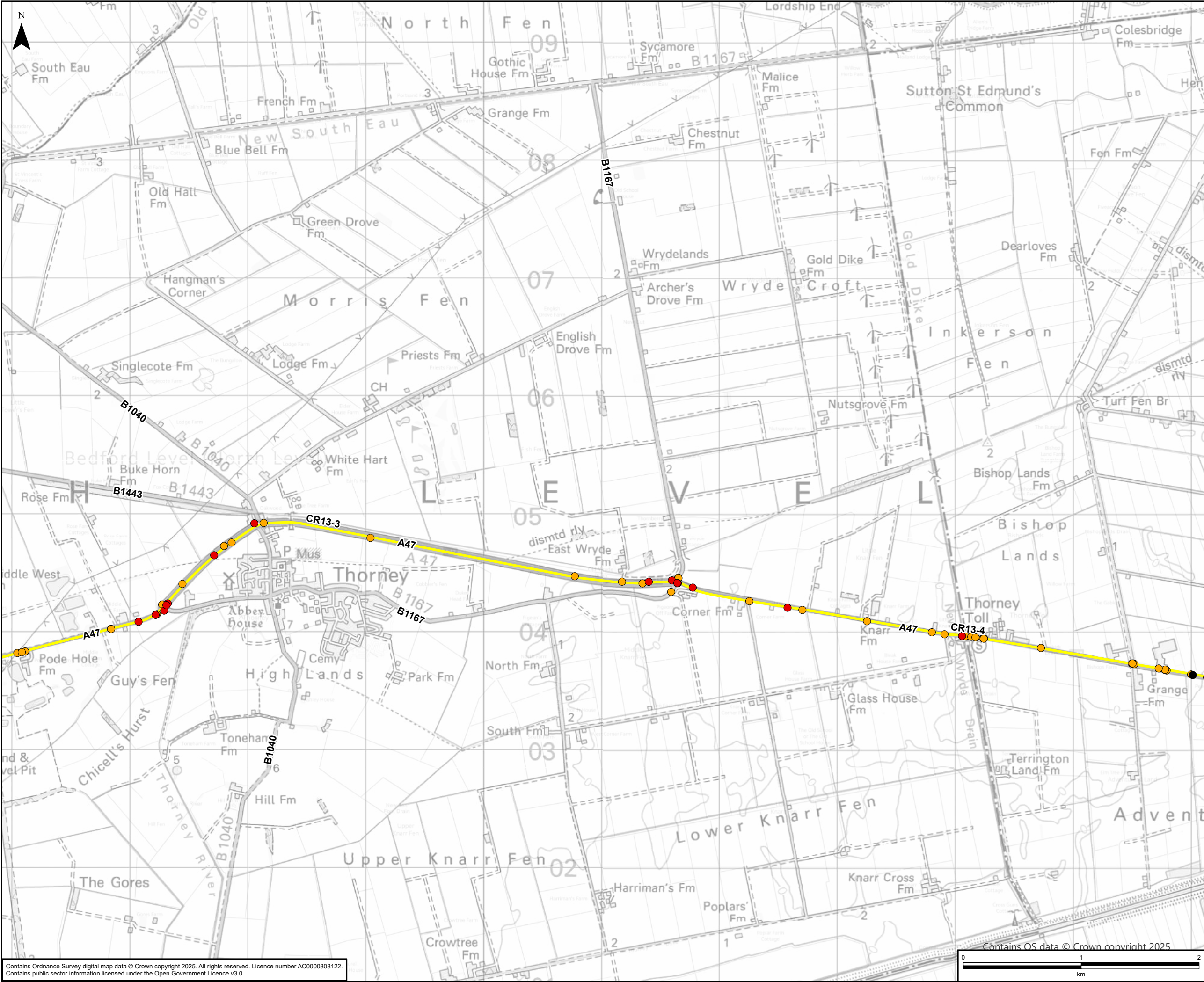


GRIMSBY TO WALPOLE LEGEND

Legend

- Collision Cluster
- Accident - 2019 to 2023 (Severity of injury)
 - Fatal
 - Serious
 - Slight
- Access Route (Congestion Rating)
 - 0
 - 1
 - 2
 - 3
- CR: Primary Access Route - Core Route
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A	07/05/2025	First Issue	LC	JH	NM
Rev	Date	Description	GIS	Chk	App
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Document Type:	Scale:	Format:	Sheets:	Rev:	
FIGURE	1:30,000	A3	13 OF 14	A	



GRIMSBY TO WALPOLE LEGEND

Legend

Collision Cluster

Accident - 2019 to 2023 (Severity of injury)

- Fatal
- Serious
- Slight

Access Route (Congestion Rating)

- 0
- 1
- 2
- 3

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

A	07/05/2025	First Issue	LC	JH	NM
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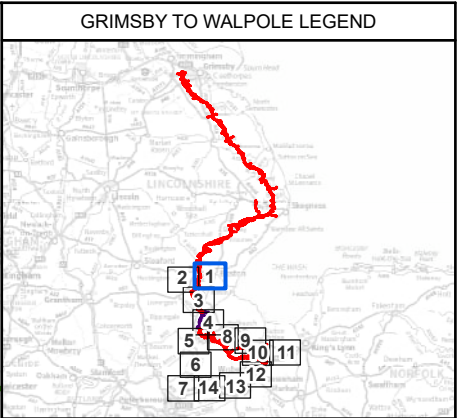
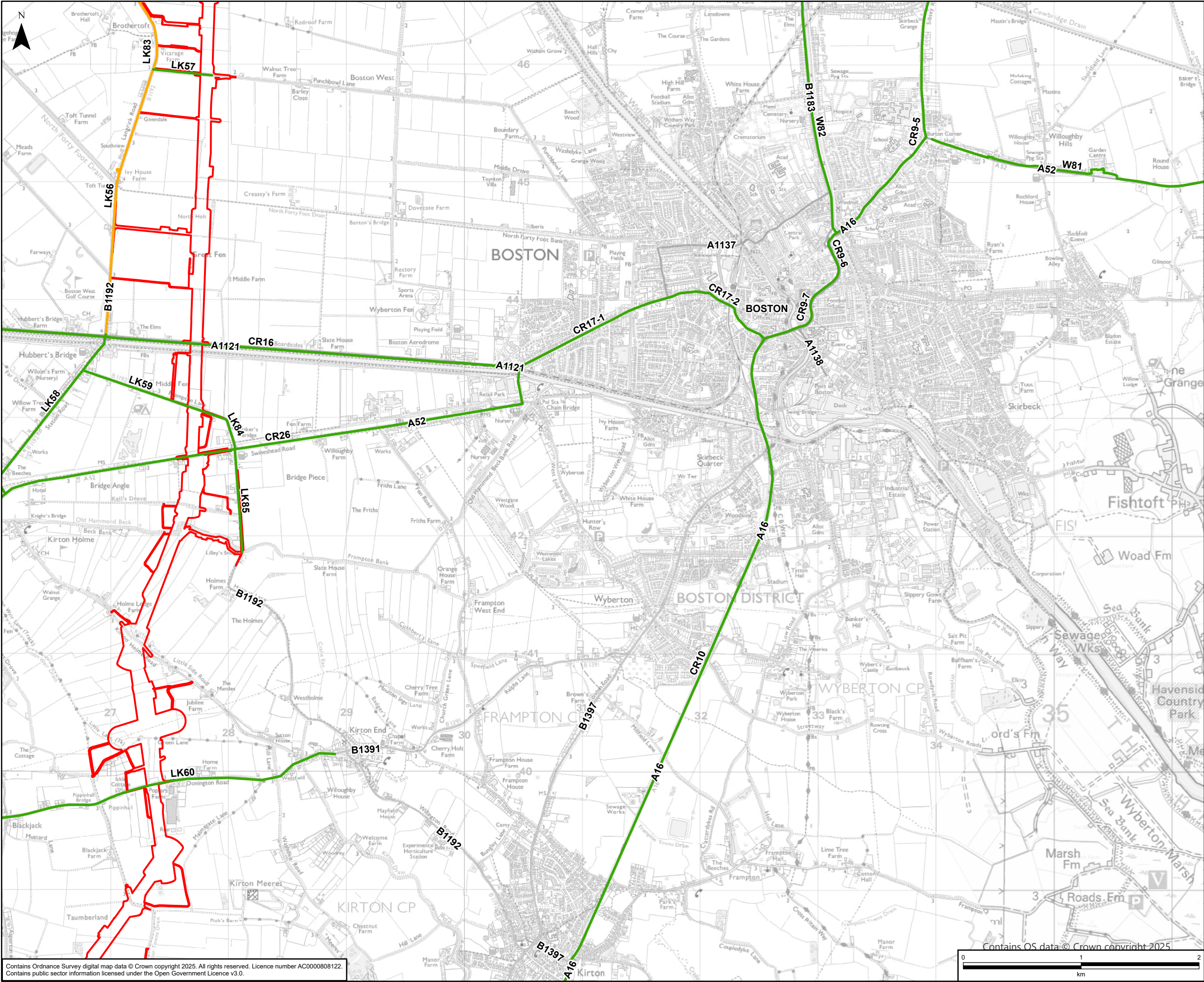
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ROUTE SENSITIVITY

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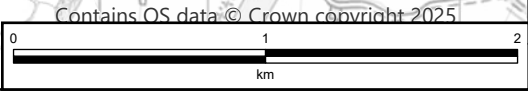
GRIMSBY TO WALPOLE LEGEND

Legend

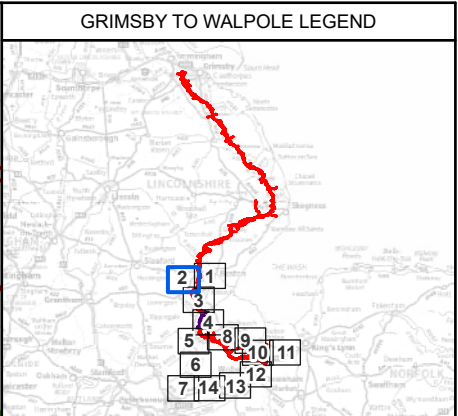
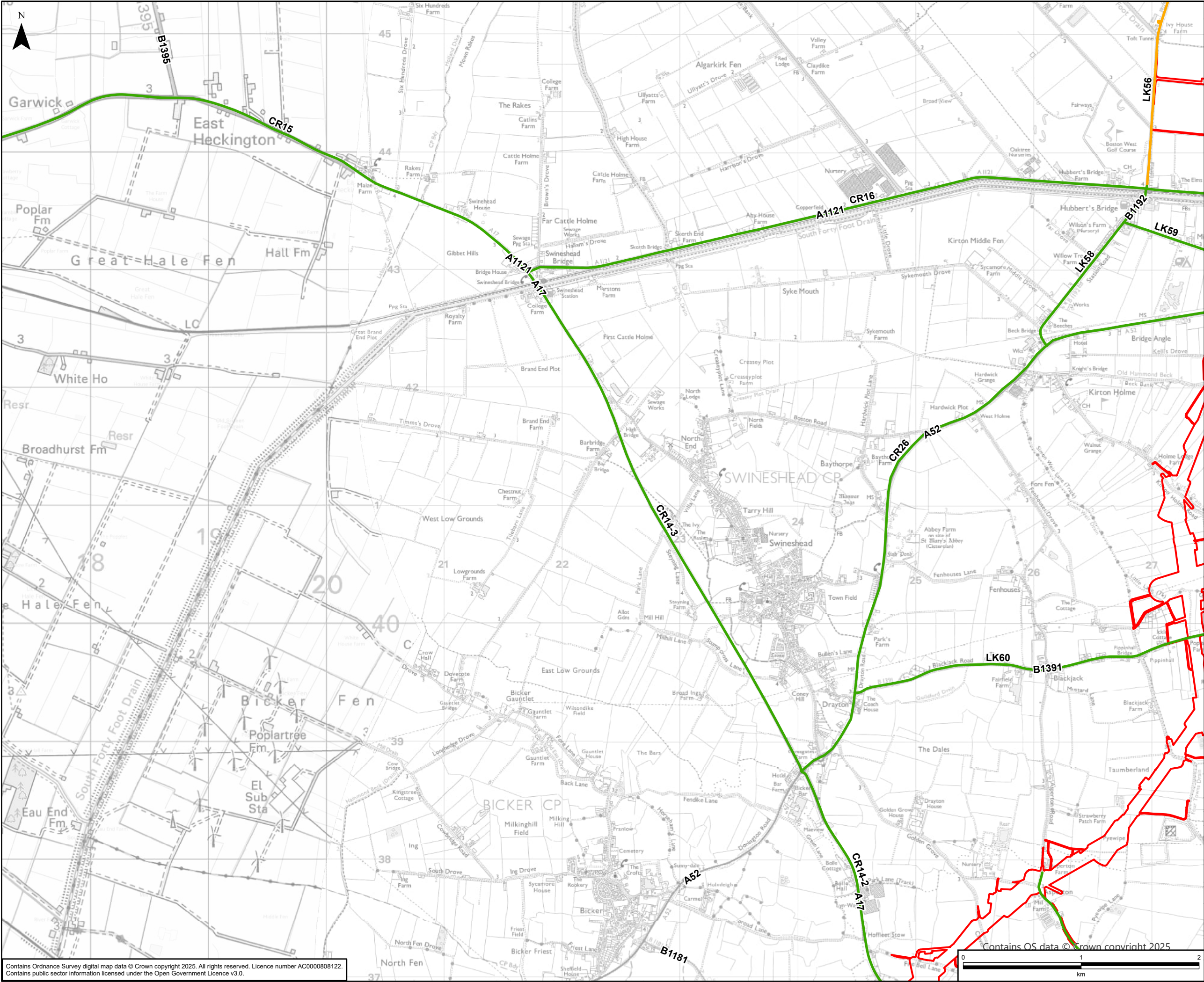
- Draft Order Limits
- Potential for Significant Effect
 - Potential for Significant Effect – Further Assessment
 - No Further Assessment
- CR: Primary Access Route - Core Route
- LK: Primary Access Route - Local Link
- W: Workers Access Route

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Rev	Date	Description	GIS	Chk	App
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Document Title:		FIGURE 9.5 PRELIMINARY IMPACT ANALYSIS			
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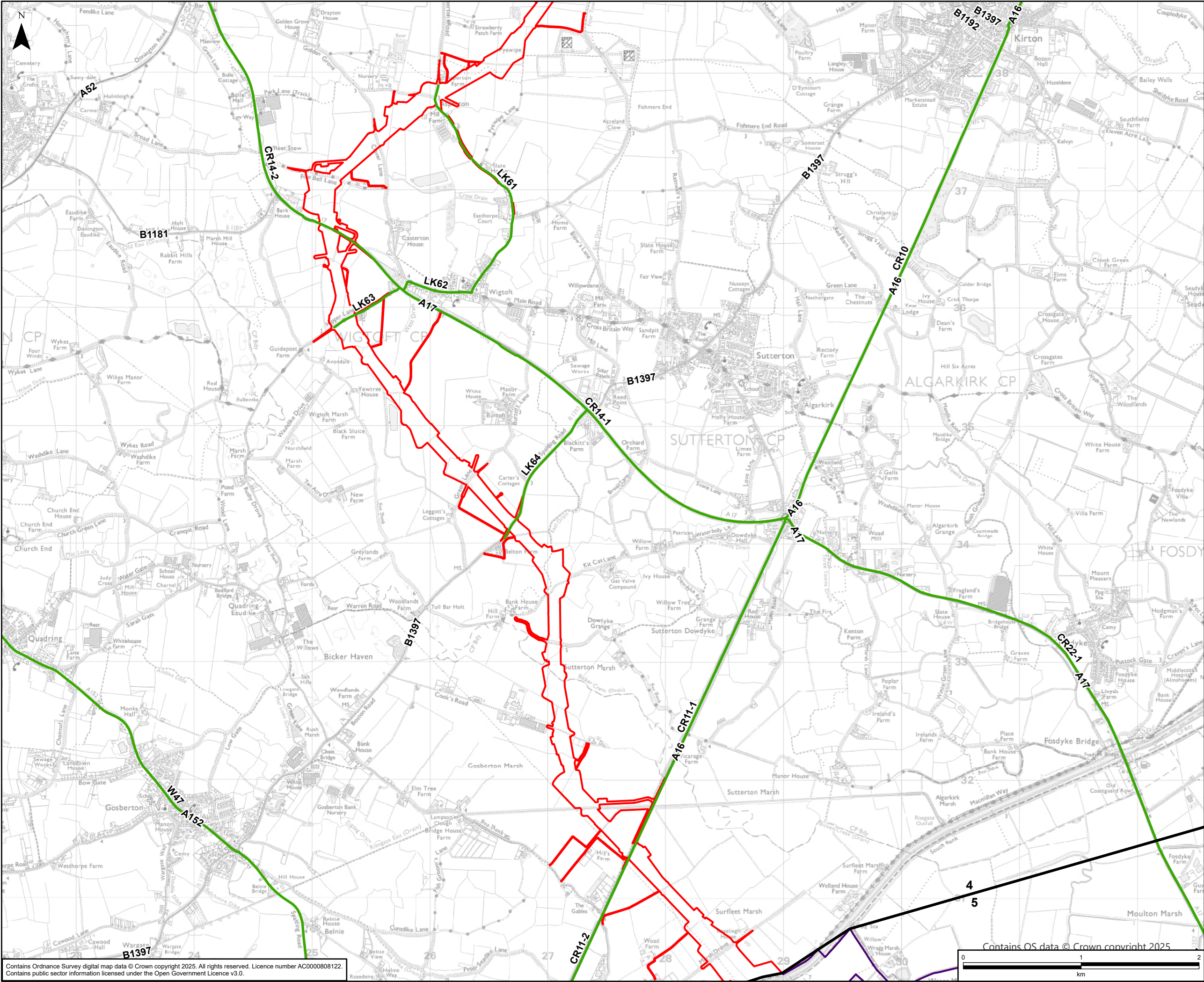
GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Potential for Significant Effect
 - Potential for Significant Effect – Further Assessment
 - No Further Assessment
- CR: Primary Access Route - Core Route
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A	07/05/2025	First Issue	LC	JH	NM
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GRIMSBY TO WALPOLE LEGEND

Legend

Draft Order Limits

Refined Weston Marsh Substation Siting Zone

Route Section Break

Potential for Significant Effect

Potential for Significant Effect – Further Assessment

No Further Assessment

CR: Primary Access Route - Core Route

LK: Primary Access Route - Local Link

W: Workers Access Route

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Rev	Date	Description	GIS	Chk	App

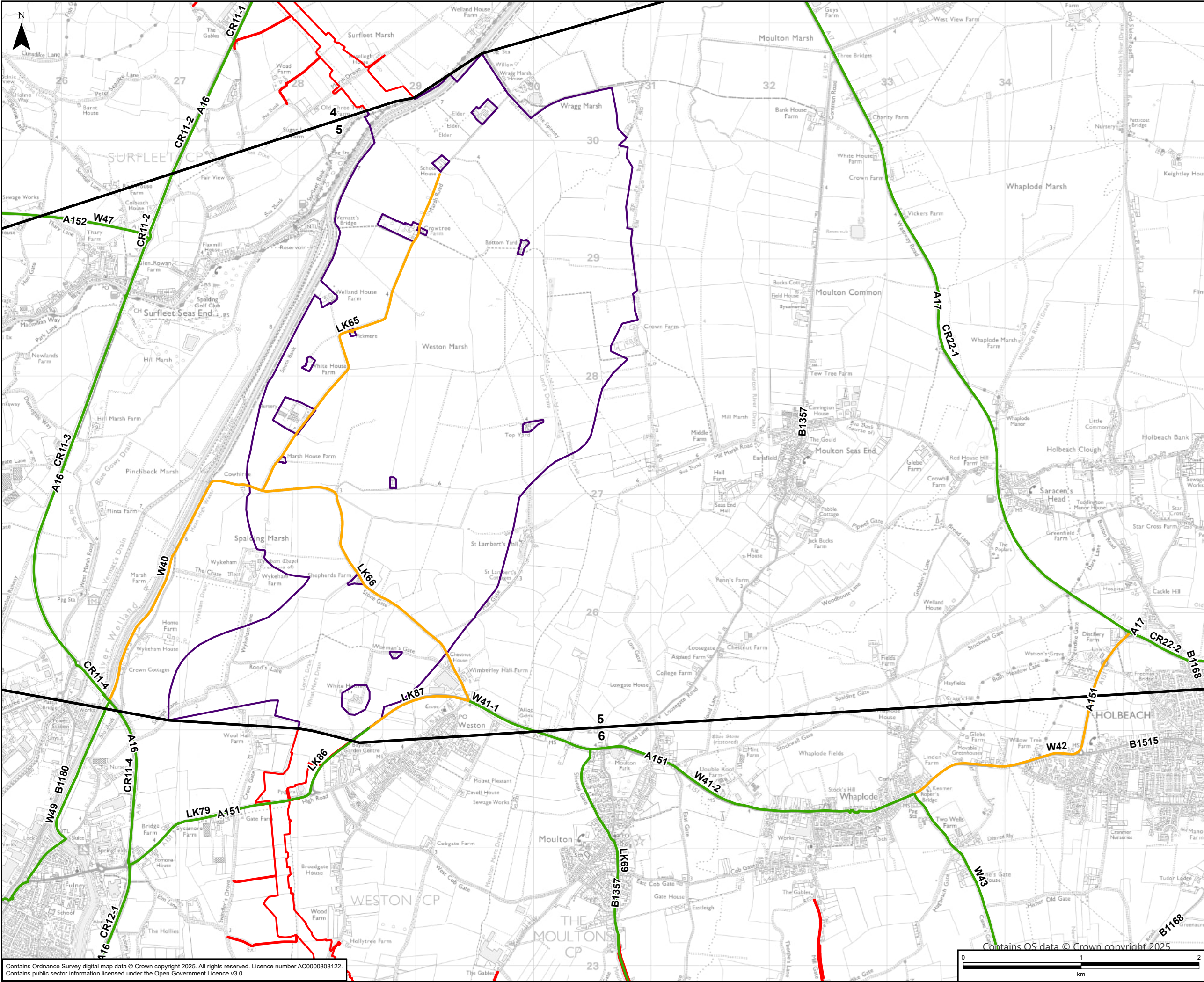
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GRIMSBY TO WALPOLE LEGEND

Draft Order Limits

Refined Weston Marsh Substation Siting Zone

Route Section Break

Potential for Significant Effect

Potential for Significant Effect – Further Assessment

No Further Assessment

CR: Primary Access Route - Core Route

LK: Primary Access Route - Local Link

W: Workers Access Route

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Rev	Date	Description	GIS	Chk	App

nationalgrid

Purpose:

PEI REPORT - SECTION 7

Scheme:

GRIMSBY TO WALPOLE

Document Title:

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Date:

07/05/2025

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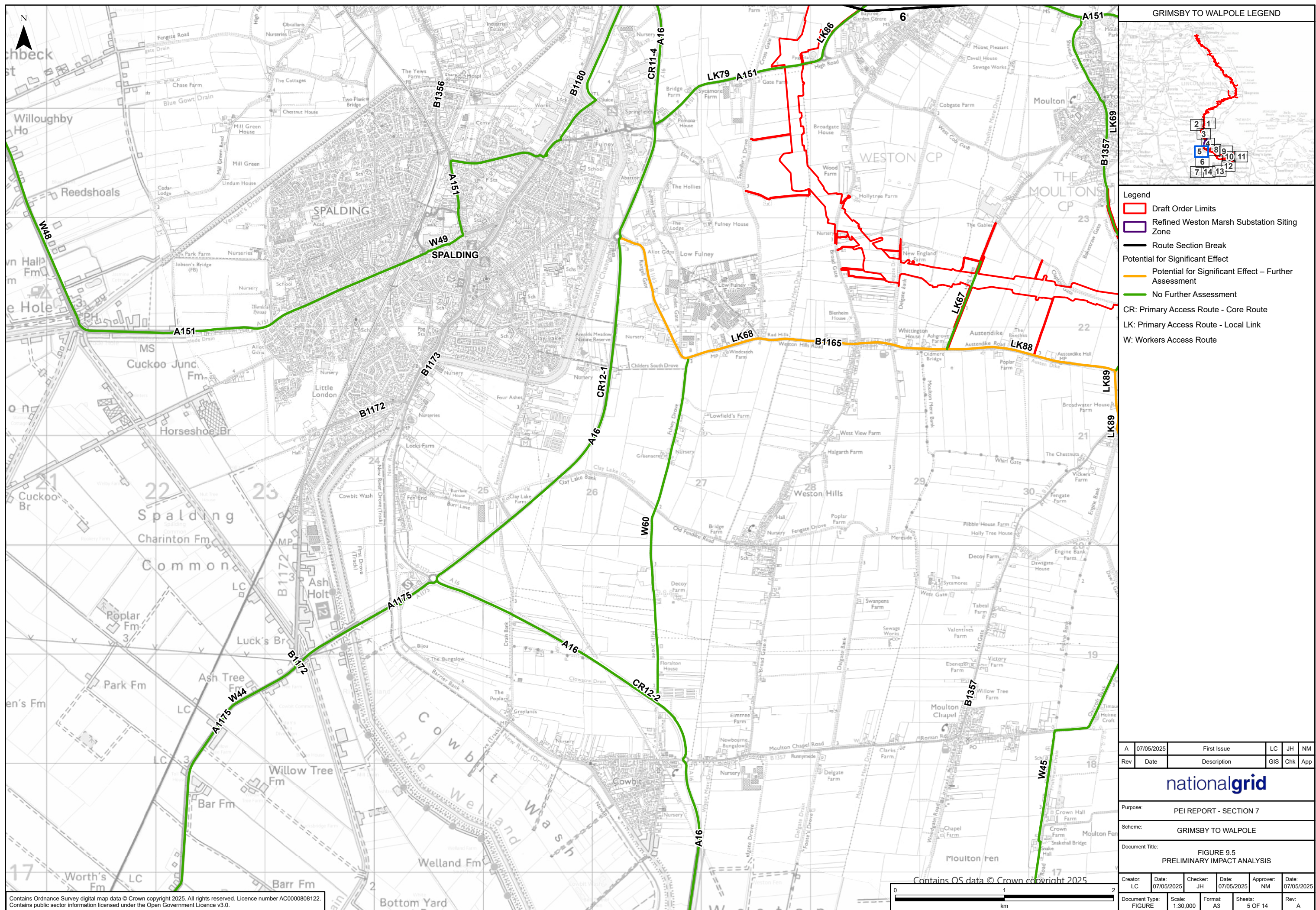
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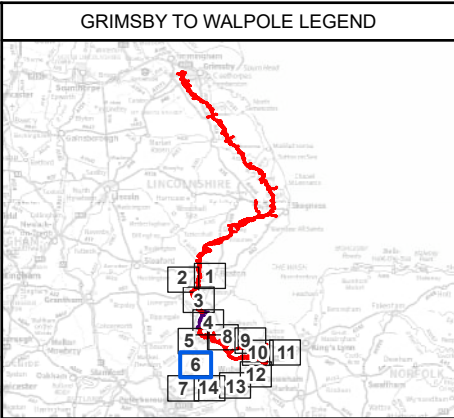
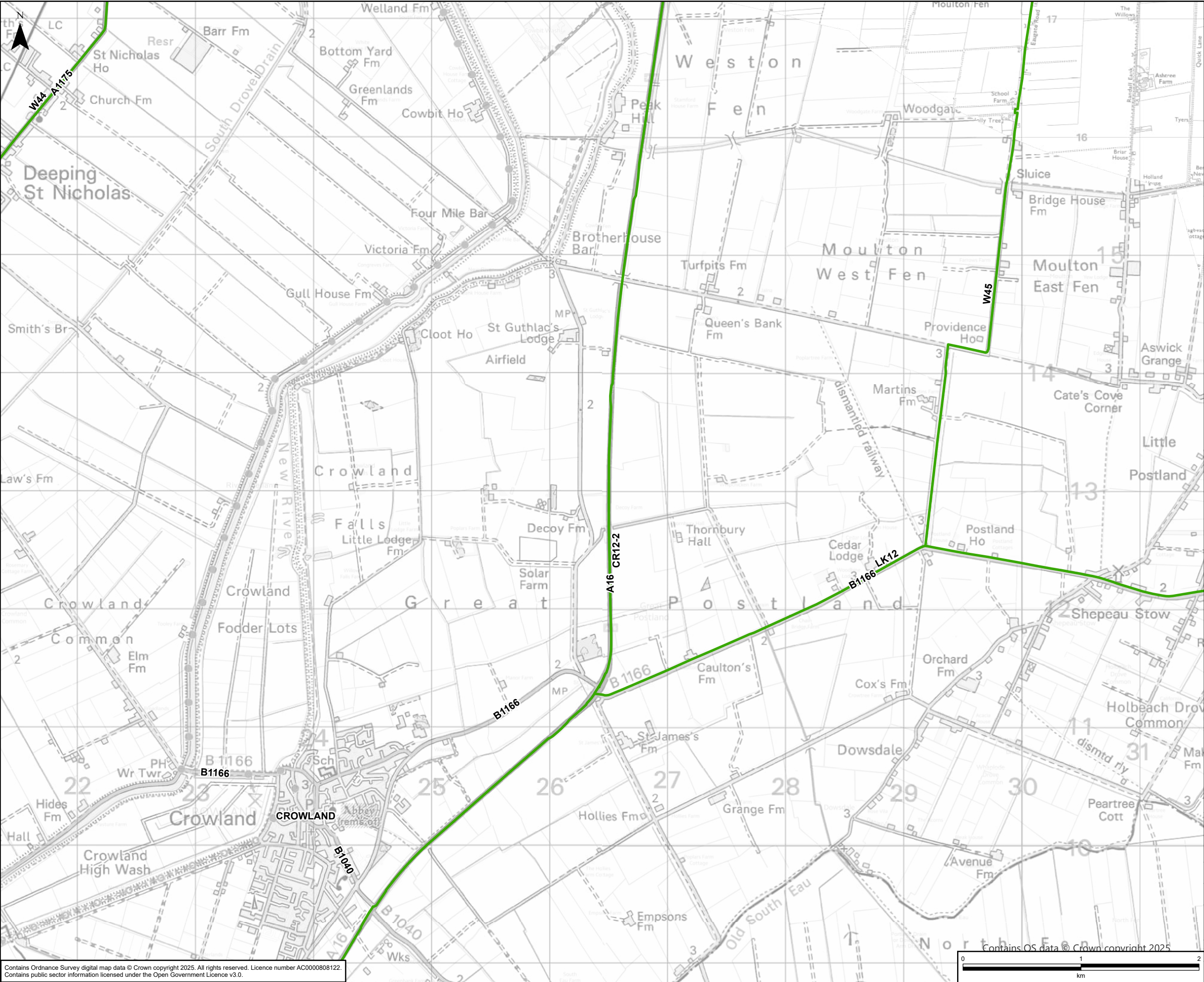
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GRIMSBY TO WALPOLE LEGEND

Legend

Potential for Significant Effect

Potential for Significant Effect – Further Assessment

No Further Assessment

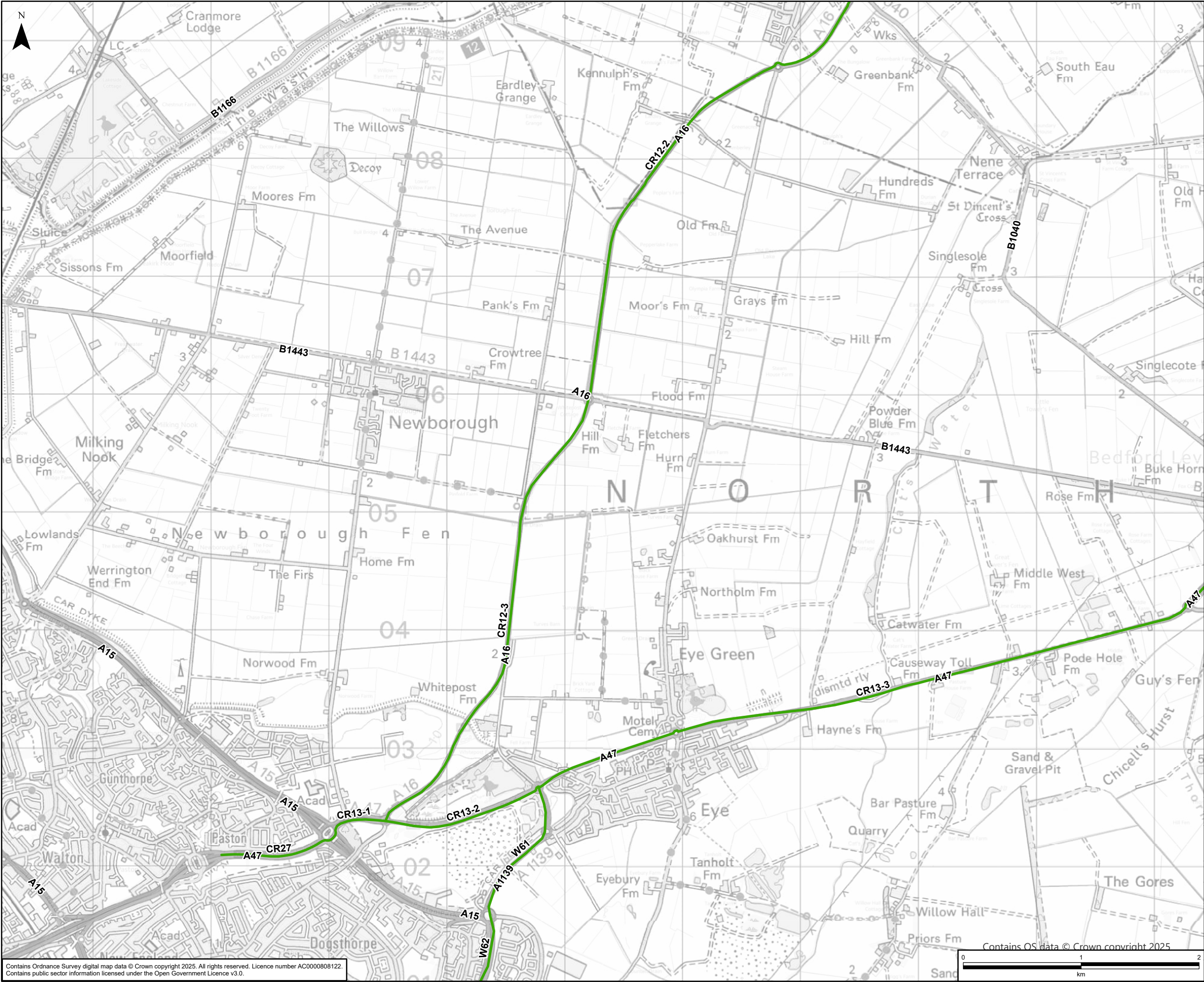
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GRIMSBY TO WALPOLE LEGEND

Legend

Potential for Significant Effect

Potential for Significant Effect – Further Assessment

No Further Assessment

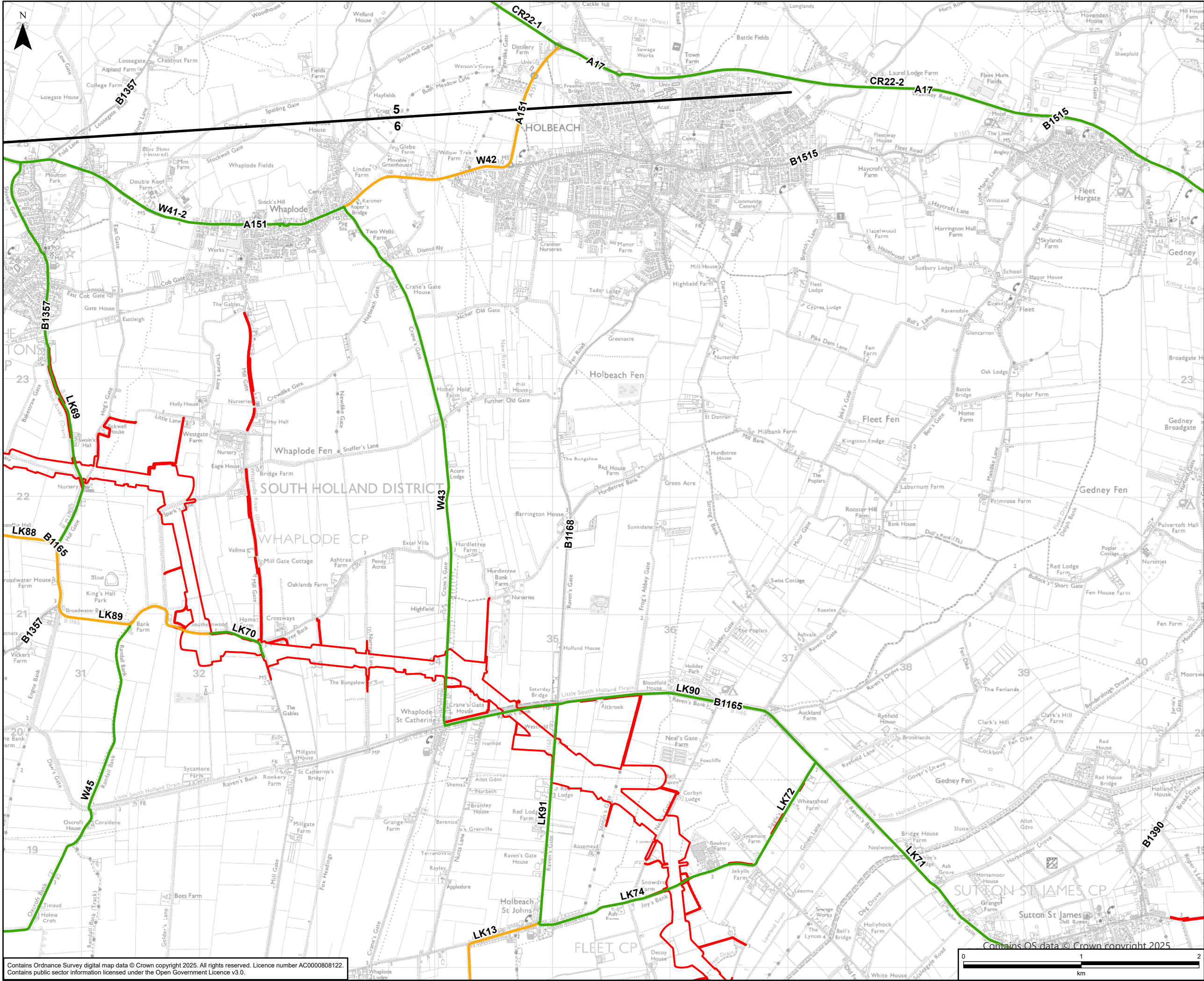
CR: Primary Access Route - Core Route

LK: Primary Access Route - Local Link

W: Workers Access Route

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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Route Section Break
- Potential for Significant Effect
 - Potential for Significant Effect – Further Assessment
 - No Further Assessment

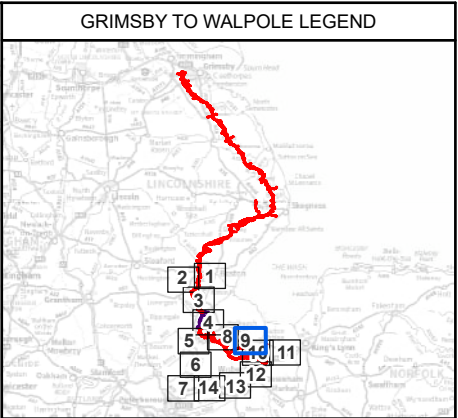
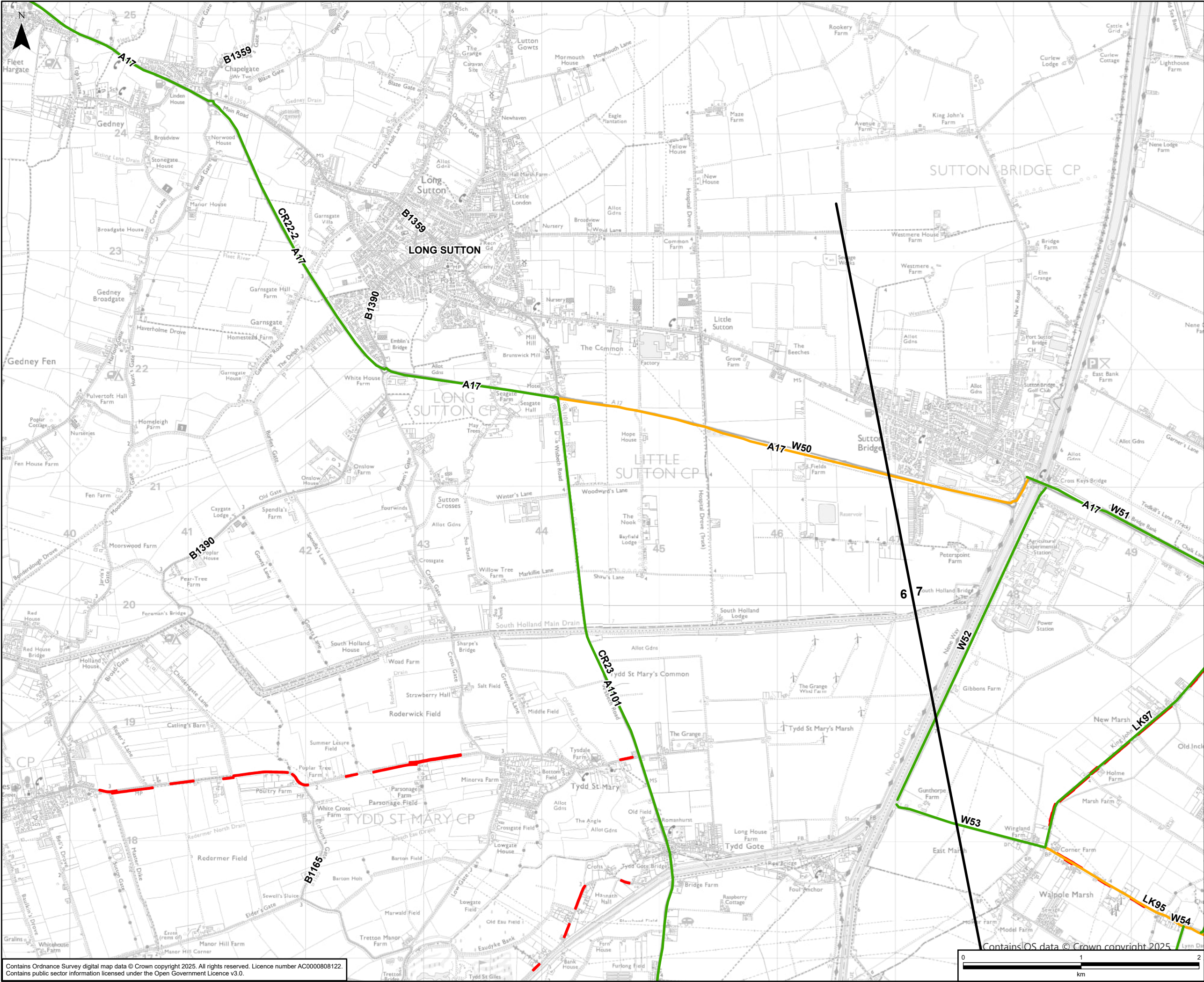
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Purpose:	PEI REPORT - SECTION 7
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Route Section Break

Potential for Significant Effect

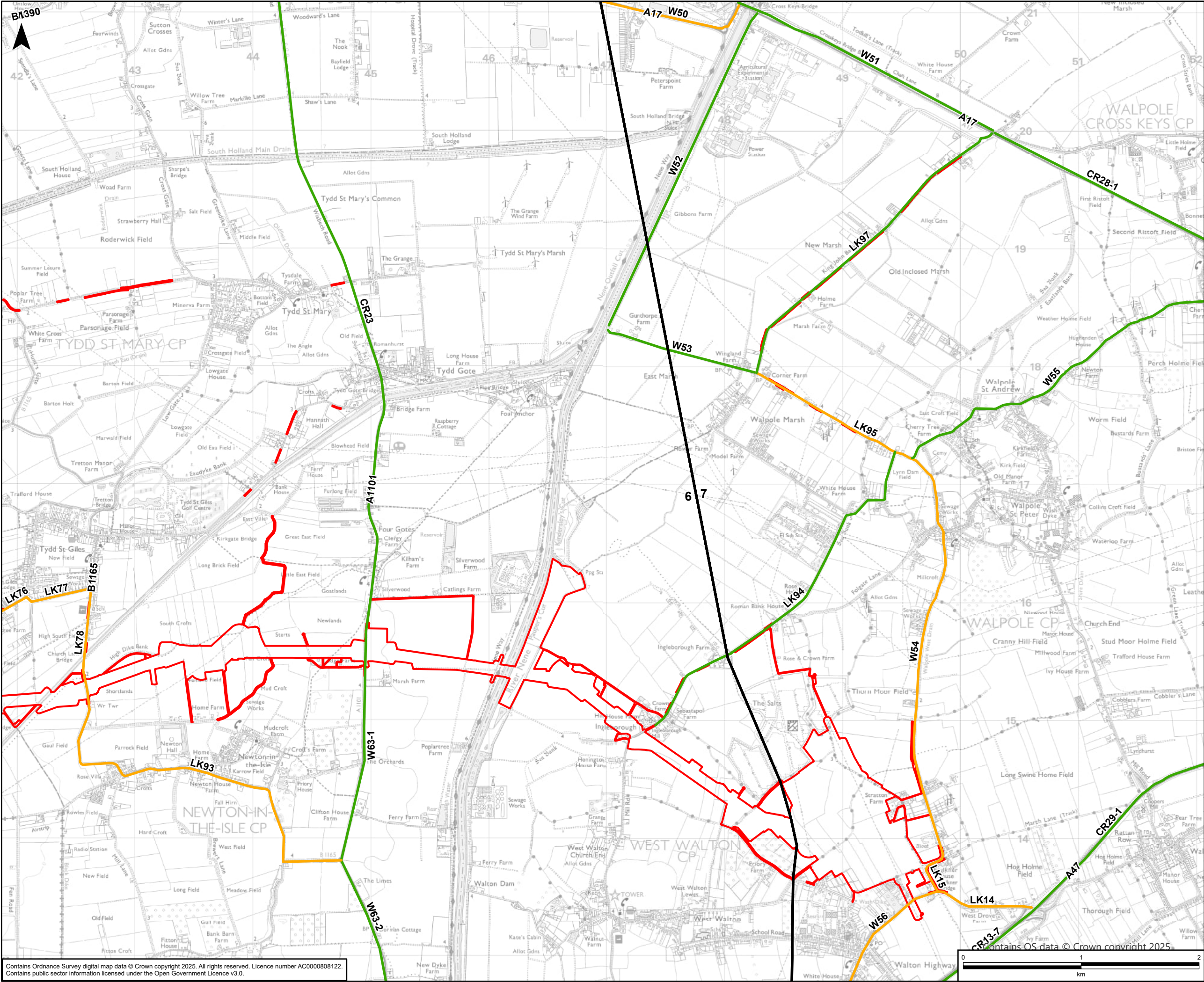
- Potential for Significant Effect – Further Assessment
- No Further Assessment

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

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A	07/05/2025	First Issue	LC	JH	NM
Rev	Date	Description	GIS	Chk	App
Purpose:	PEI REPORT - SECTION 7				
Scheme:	GRIMSBY TO WALPOLE				
Document Title:	FIGURE 9.5 PRELIMINARY IMPACT ANALYSIS				
Creator:	Date:	Checker:	Date:	Approver:	Date:
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GRIMSBY TO WALPOLE LEGEND

Legend

- Draft Order Limits
- Route Section Break

Potential for Significant Effect

- Potential for Significant Effect – Further Assessment
- No Further Assessment

CR: Primary Access Route - Core Route
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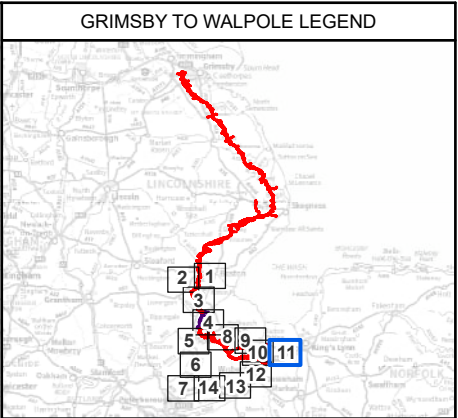
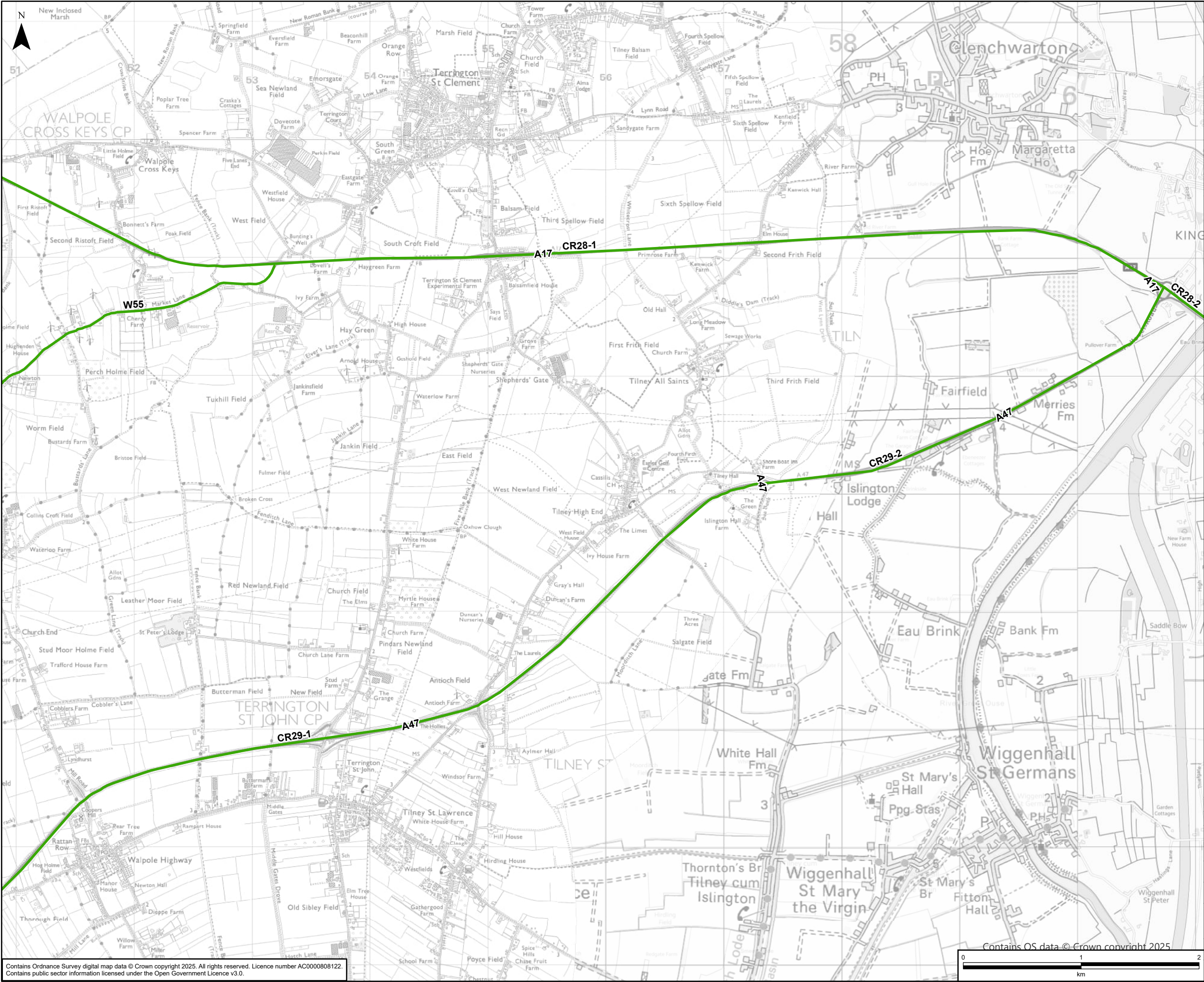
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Scheme: GRIMSBY TO WALPOLE

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PRELIMINARY IMPACT ANALYSIS

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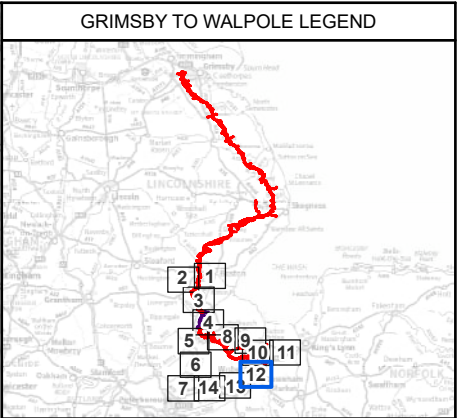
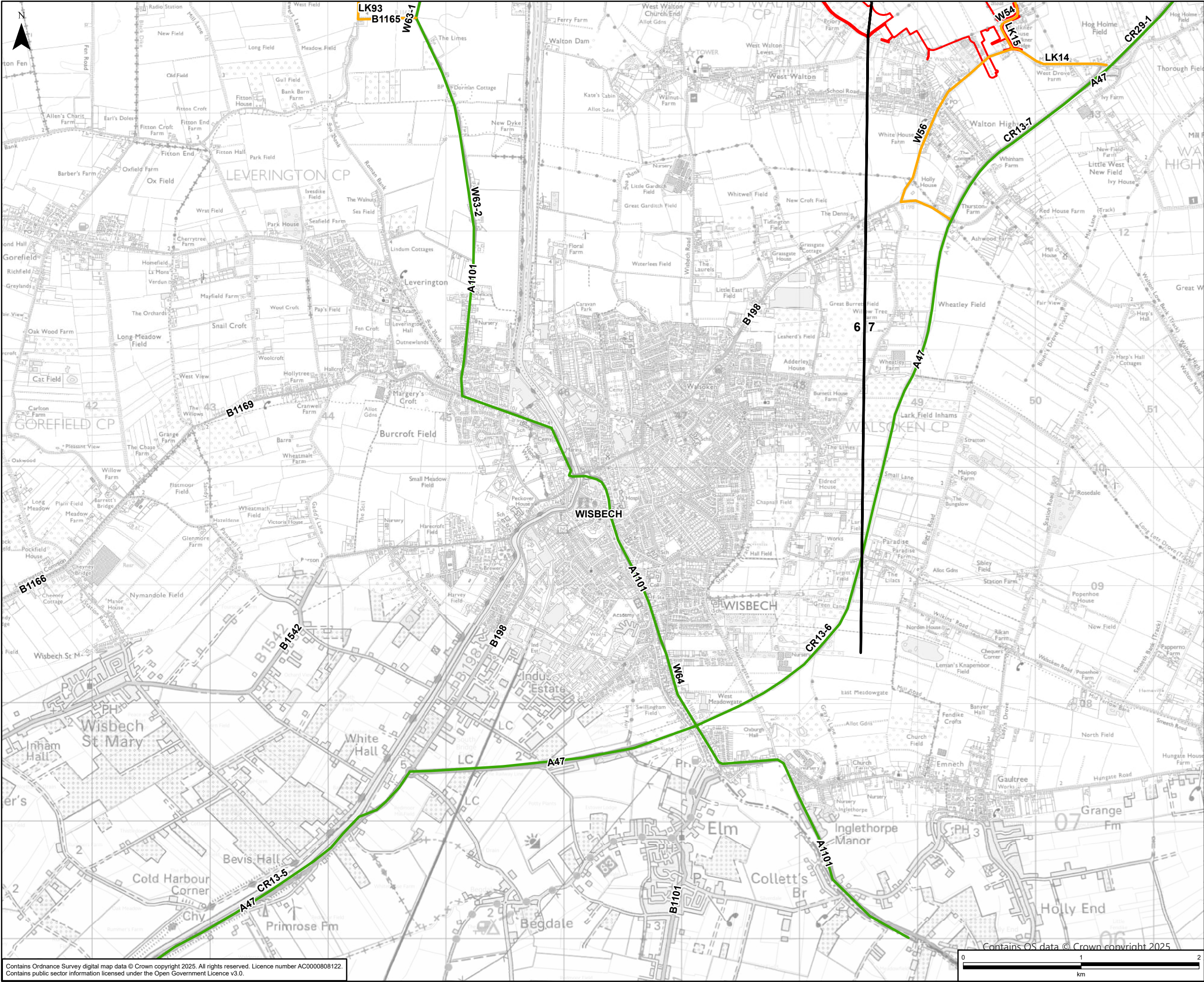
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- Legend
- Potential for Significant Effect
 - Potential for Significant Effect – Further Assessment
 - No Further Assessment
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Scheme:		GRIMSBY TO WALPOLE			
Document Title:		FIGURE 9.5 PRELIMINARY IMPACT ANALYSIS			
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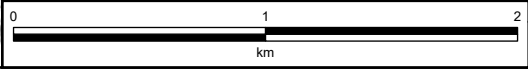
GRIMSBY TO WALPOLE LEGEND

Legend

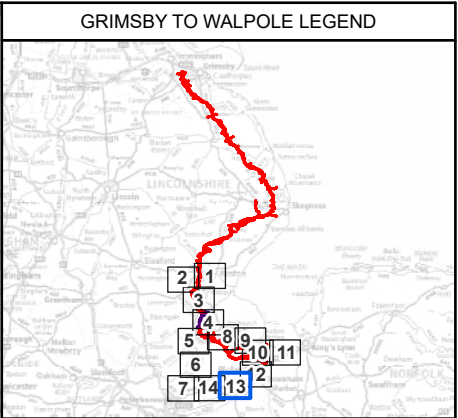
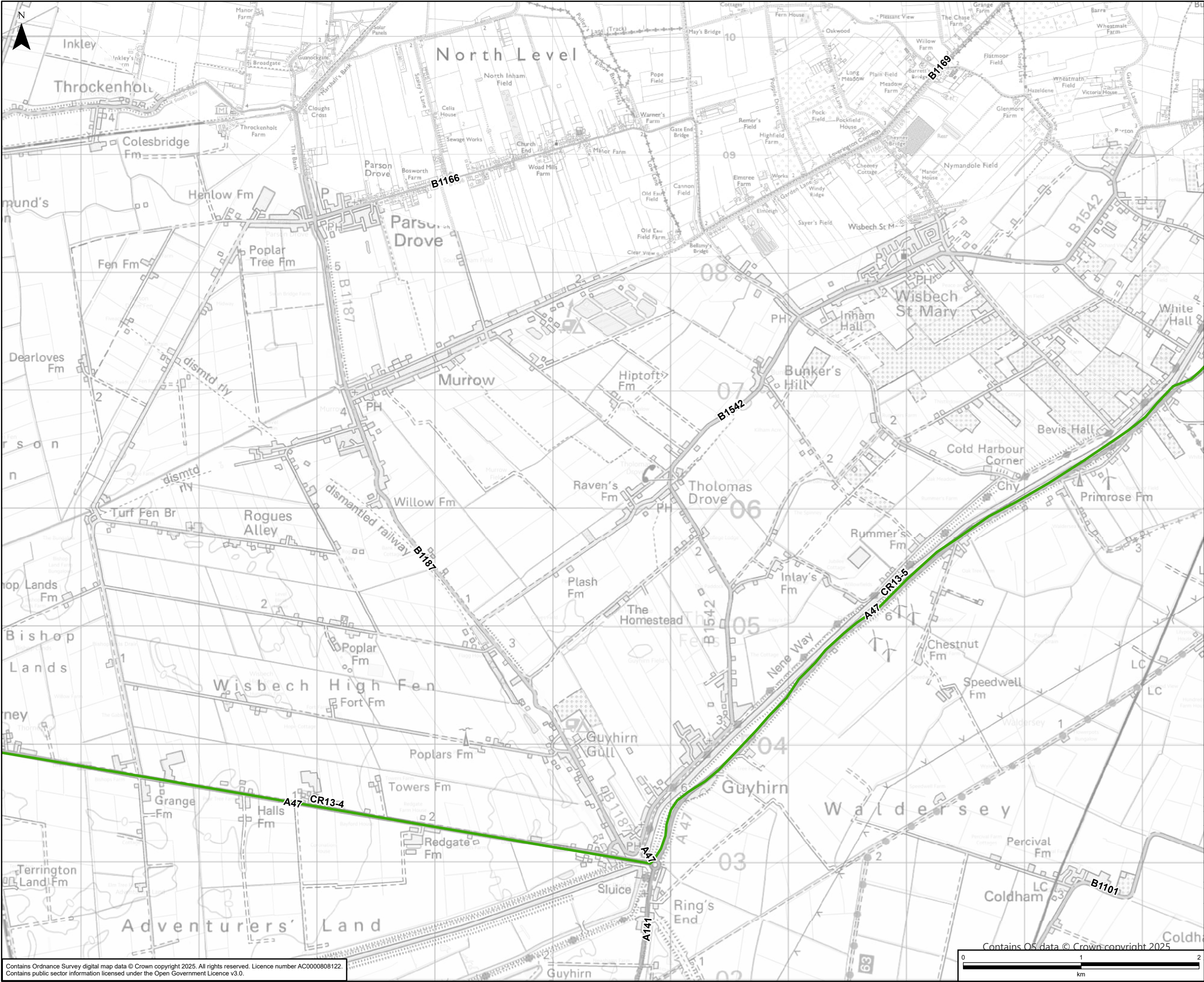
- Draft Order Limits
- Route Section Break
- Potential for Significant Effect
- Potential for Significant Effect – Further Assessment
- No Further Assessment

CR: Primary Access Route - Core Route
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Legend

Potential for Significant Effect

Potential for Significant Effect – Further Assessment

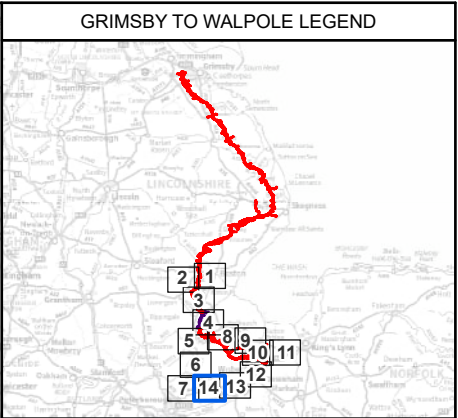
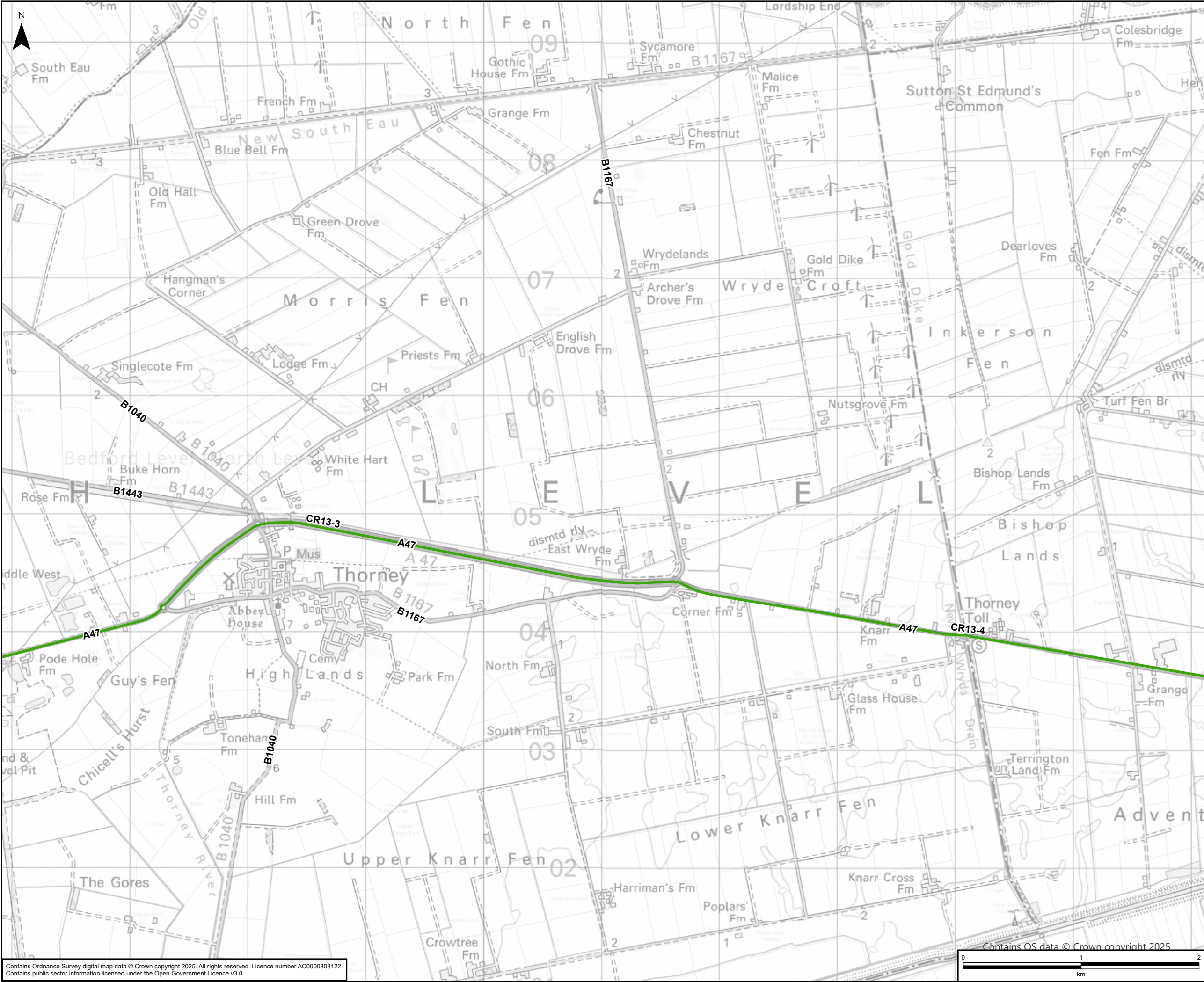
No Further Assessment

CR: Primary Access Route - Core Route

LK: Primary Access Route - Local Link

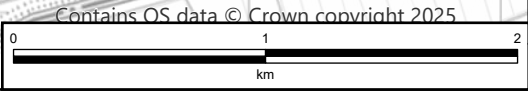
W: Workers Access Route

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- Legend
- Potential for Significant Effect
 - Potential for Significant Effect – Further Assessment
 - No Further Assessment
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