

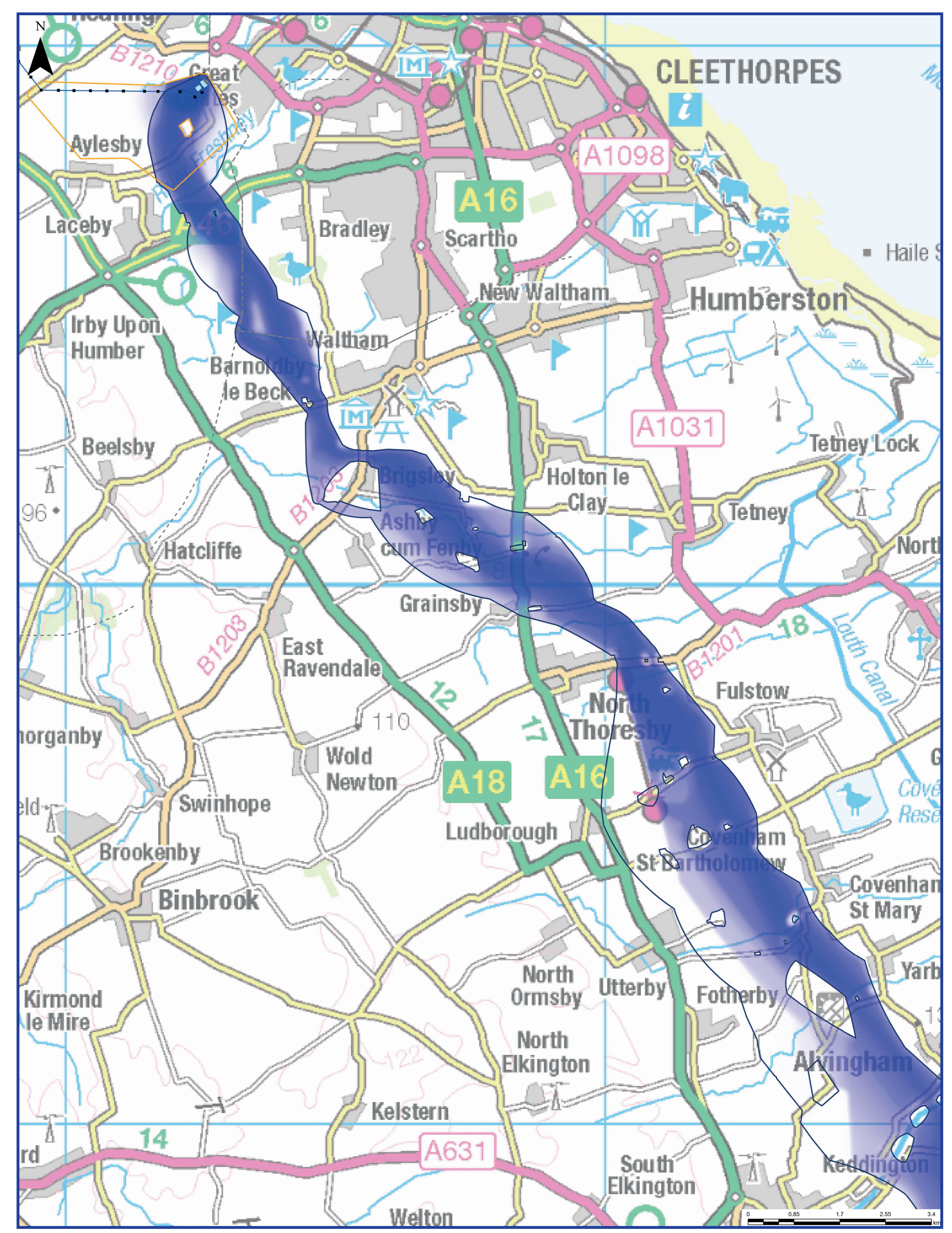
# Our proposals from Grimsby West to Alvingham and Keddington

**The proposed reinforcement starts with a new overhead line routed from a new substation next to our existing Grimsby West substation.**

Our emerging preferred corridor has been split into 11 sections to make it easier for people to give feedback about any particular areas that they may wish to comment on.

One substation, to be located next to our existing Grimsby West substation, is needed to connect three solar/battery storage projects, plus two additional supergrid transformers for Northern Powergrid.

- Section 1 - Grimsby West to Barnoldby le Beck**  
 From the new Grimsby West substation (which the new overhead line would connect into) to a point immediately east of the village of Barnoldby le Beck.
- Section 2 - Barnoldby le Beck to North Thoresby**  
 Running immediately east of Barnoldby le Beck, south of Waltham Road, to immediately east of the village of North Thoresby, south of the B1201.
- Section 3 - North Thoresby to Alvingham and Keddington**  
 From east of North Thoresby, south of the B1201, to a point north east of Keddington and south west of Alvingham, south of Alvingham Road.



# Our proposals from Alvingham and Keddington to Burgh le Marsh

The next part of the emerging preferred option corridor runs from Alvingham and Keddington to the proposed new substations at Tothill and Cumberworth, then reaching Burgh le Marsh.

• **Section 4 - Alvingham and Keddington to Tothill**

From a point north east of Keddington and south west of Alvingham, south of Alvingham Road, to a point immediately east of Tothill.

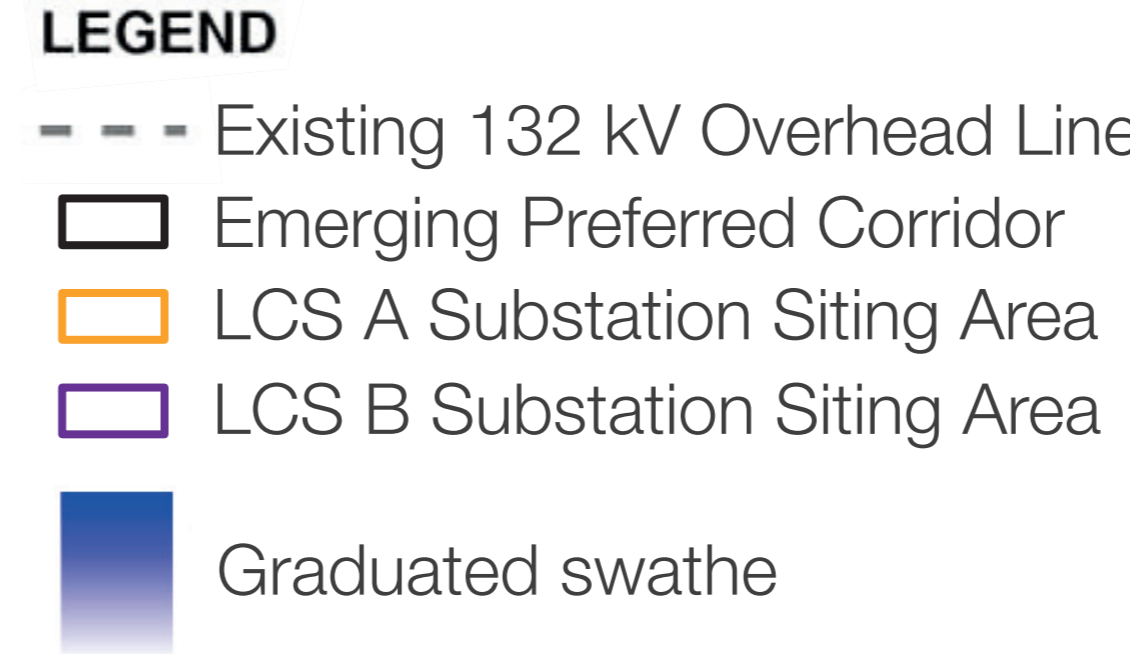
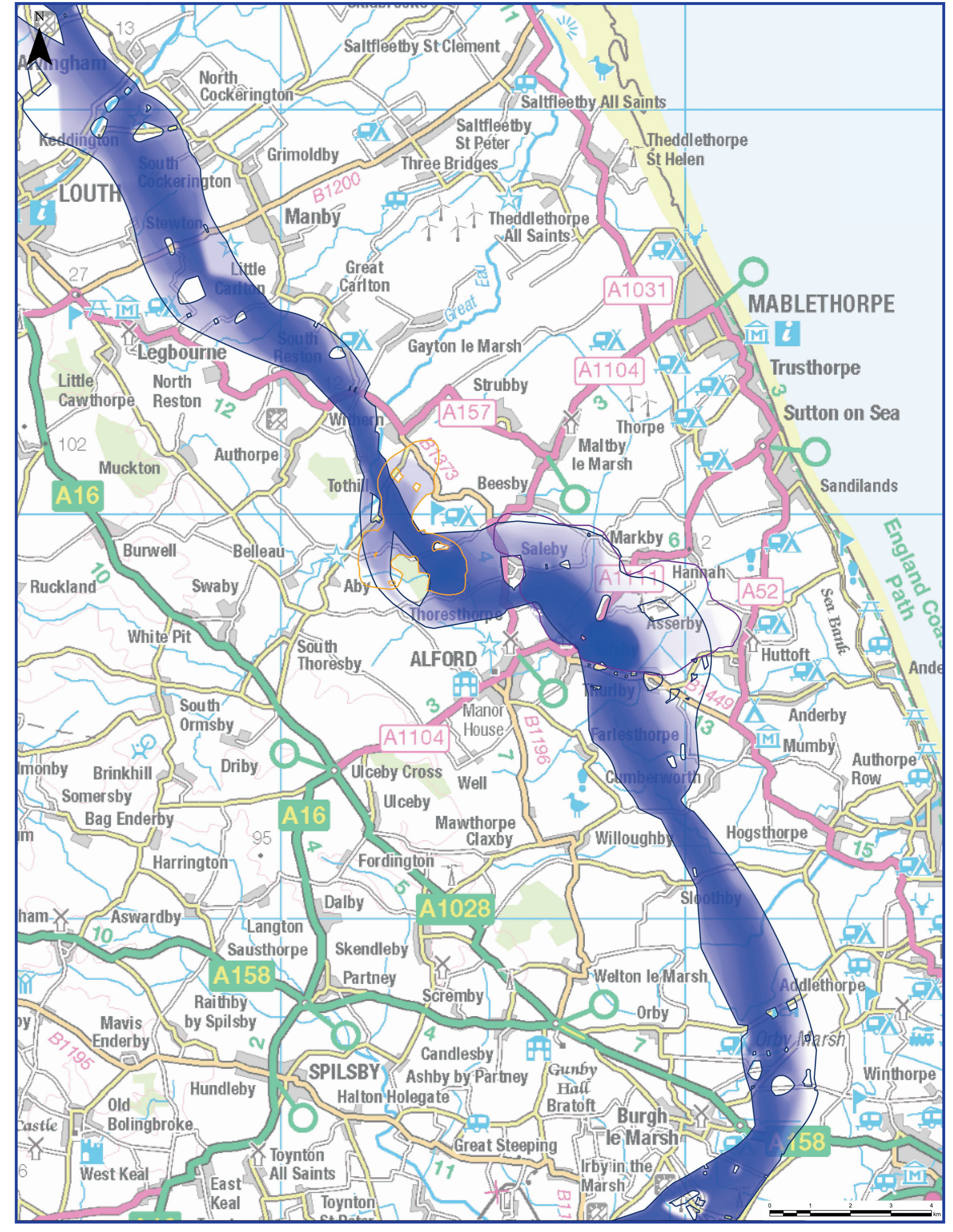
• **Section 5 - Tothill to Cumberworth**

Running immediately east of Tothill to west of Cumberworth and including proposed areas for the location of the two Lincolnshire Connection Substations (LCS) – LCS A and LCS B.

- The siting area for the LCS A substation covers an area north and west of Woodthorpe, east of Claythorpe and east of Greenfield Wood/Mother Wood.
- The siting area for the LCS B substation is located to the north of Bilsby, east of Saleby and west of Huttoft.

• **Section 6 - Cumberworth to Burgh le Marsh**

From a point west of Cumberworth to a point east of Burgh le Marsh, south of the A158.



# Our proposals from Burgh le Marsh to the River Welland

The route continues to travel from Burgh le Marsh to Midville before crossing the River Witham and the River Welland to reach the proposed substation located to the east of Surfleet Seas End and the River Welland.



- LEGEND**
- Existing 400 kV Overhead Line
  - - - Existing 132 kV Overhead Line
  - ⋯ Existing Preferred Corridor
  - Weston Marsh Substation
  - ▭ Search Area
  - Existing 400 kV Towers
  - Graduated swathe

- **Section 7 - Burgh le Marsh to Midville**  
Running west from east of Burgh le Marsh, south of the A158, to the west of Midville, south of Fodder Dike.
- **Section 8 - Midville to River Witham**  
From west of Midville, south of Fodder Dike, to a crossing of the River Witham between Langrick Bridge and Anton's Gowt. The siting area for the LCS B substation is located to the north of Bilsby, east of Saleby and west of Huttoft.
- **Section 9 - River Witham to River Welland**  
From a crossing of the River Witham between Langrick Bridge and Anton's Gowt to a crossing of the River Welland between Spalding and The Wash.

# Our proposals from the River Welland to Walpole

East of the River Welland, the emerging preferred corridor crosses the B1165, reaching the proposed new Weston Marsh substation before running to Walpole, where the new Walpole substation would be located.

• **Section 10 - River Welland to B1165**

From a crossing of the River Welland between Spalding and The Wash to a crossing of the B1165 north west of Whaplode St Catherine. The corridor runs south to the proposed siting area for the Weston Marsh substation.

• **Section 11 - B1165 to Walpole**

Runs from a crossing of the B1165 to the new Walpole substation. The proposed location of the new Walpole substation is near to the existing 400kV overhead line north of Walton Highway.



- LEGEND**
- Existing 400 kV Overhead Line
  - - - Existing 132 kV Overhead Line
  - ▭ Emerging Preferred Corridor
  - ▭ New Grimsby West Substation Siting Area
  - ▭ Existing 400 kV Towers
  - ▭ New Walpole Substation Siting Area
  - ▭ Graduated swathe