

The Great Grid Upgrade

Eastern Green Link 5 (EGL 5)

Preliminary Environmental Information Report

Volume 2

Part 2

Appendix 7.D Cultural Heritage Non-significant Impacts

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nationalgrid

Contents

7.D. Cultural Heritage Non-significant impacts	1
7.D.1 Introduction	1
7.D.2 Non-significant Impacts	1
7.D.3 Stain Glebe Farm (NHLE 1063007)	3
7.D.4 Lost Hamlet of Tothby near Alford (MLI42529)	3
7.D.5 Settlement Features (MLI116295)	4
7.D.6 Medieval Ridge and Furrow, North of Alford (MLI87461)	4
7.D.7 Medieval Ridge and Furrow, North of Alford (MLI87462)	4
7.D.8 Shrunken Medieval Village of Saleby (MLI42524)	5
7.D.9 Thoresthorpe Shrunken Medieval Village (MLI42527)	5
7.D.10 Late Medieval Earthwork Field System, Bilsby (MLI90885)	5
7.D.11 Sutton on Sea to Alford Tramway (MLI43675)	6
7.D.12 Medieval Earthwork Ridge and Furrow, Huttoft (MLI88746a)	6
7.D.13 Probable Late Medieval Activity, Huttoft (MLI88755)	7
7.D.14 Sea Bank in Huttoft (MLI88784) and Sea Bank in Anderby (MLI88782)	7
7.D.15 Low Barn Farm (MLI116611)	7
7.D.16 Ridge and Furrow Earthworks, Dryby Farm, Bilsby (MLI98708)	8
7.D.17 Romano-British Pottery, Toad Hole, Bilsby (MLI41472)	8
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Table 7.D-1 Preliminary summary of significance of effects	2

7.D. Cultural Heritage Non-significant impacts

7.D.1 Introduction

- 7.D.1.1. There are 44 heritage assets within the draft Order Limits. Potentially non-significant effects on 15 heritage assets are presented below. Impacts on two heritage assets which are considered to be significant are presented in **Volume 1, Part 2, Chapter 7: Cultural Heritage**. The impacts have been assessed with the environmental measures detailed in **Volume 1, Part 2, Chapter 7: Cultural Heritage**, Table 7-5.
- 7.D.1.2. Impacts presented in this appendix are permanent construction phase effects, arising from the physical impact upon archaeological remains noted in the historic environment record (HER). Impacts caused by changes on the setting of heritage assets by the presence of the convertor station are not included at this stage as the siting and design of the convertor station has not been concluded.
- 7.D.1.3. Heritage assets within the draft Order Limits that have been discovered through cartographic research, LiDAR survey, or geophysical survey have not been assessed as their nature and value is still to be determined through intrusive archaeological investigations. Heritage assets from the HER that are not discussed in this appendix or in **Volume 2, Part 2, Chapter 7: Cultural Heritage** are not considered to be impacted.
- 7.D.1.4. Full detail of heritage assets can be found in **Volume 2, Part 2, Appendix 7.B: Cultural Heritage Baseline** and **Volume 2, Part 2, Appendix 7.C: Cultural Heritage Gazetteer** and shown on **Volume 3, Part 2, Figure 7-2 Heritage Assets**.
- 7.D.1.5. Heritage asset numbers provided throughout this appendix are either numbers from the Historic Environment Record (HER) (e.g. MLI125181), from WSP analysis of LIDAR (e.g. LiDAR_150) or from the National Heritage List for England (e.g. NHLE 101917).

7.D.2 Non-significant Impacts

- 7.D.2.1. For ease of reference, a summary of the potentially non-significant effects from the preliminary cultural heritage assessment is provided in **Table 7.D-1**.
- 7.D.2.2. All of the impacts presented below are considered to be non-significant.

Table 7.D-1 Preliminary summary of significance of effects

Heritage Asset	Heritage value of asset	Magnitude impact	of Significance
Stain Glebe Farm Grade II Listed Building (NHLE 1063007).	Medium	Low	Minor adverse
Lost Hamlet of Tothby, near Alford (MLI42529).	Low	Low	Minor adverse.
Settlement Features (MLI116296).	Low	Medium	Minor adverse.
Medieval Ridge and Furrow, North of Alford (MLI87461).	Low	Negligible	Negligible adverse.
Medieval Ridge and Furrow, North of Alford (MLI87462).	Low	Low	Minor adverse.
Shrunken Medieval village of Saleby (MLI42524).	Medium	Negligible	Minor adverse.
Thoresthorpe Shrunken Medieval Village (MLI42527).	Medium	Negligible	Minor adverse.
Late Medieval Earthwork Field System, Bilsby (MLI90885).	Low	Negligible	Negligible adverse.
Sutton on Sea to Alford Tramway (MLI43675).	Low	Negligible	Negligible adverse.
Medieval Earthwork Ridge and Furrow, Huttoft (MLI88746a).	Low	Medium	Minor adverse.
Probable Late Medieval Activity, Huttoft (MLI88755).	Low	Low	Minor adverse.
Sea Bank in Huttoft (MLI88784) and Sea Bank in Anderby (MLI88782).	Medium	Negligible	Minor adverse.
Low Barn Farm (MLI116611)	Low	Medium	Minor adverse
Ridge and Furrow Earthworks, Dryby Farm, Bilsby (MLI98708).	Low	Medium	Minor adverse.
Romano-British Pottery, Toad Hole, Bilsby (MLI41472).	Negligible	None	None

7.D.3 Stain Glebe Farm (NHLE 1063007)

- 7.D.3.1. Stain Glebe Farm (NHLE 1063007) is a Grade II Listed Building comprising a late 18th century cottage, located south of Northings Lane and east of the A52 Sutton Road. The building is a single storey and has a lean-to and single storey wash-house to the rear. The cottage has architectural and historic interest as a red brick, 18th century cottage. It can inform the understanding of the development of the area during this time. However, it is noted that it is in a derelict condition. Therefore, it is not considered to be of more than medium heritage value. The setting of Stain Glebe Farm comprises a small group of dwellings and other small buildings of likely agricultural function, located east of the A52 Sutton Road, surrounded by rural agricultural fields. The cottage faces south-west, overlooking a pond and agricultural fields. As an originally isolated farm cottage, its rural setting contributes to its heritage significance, although modern buildings have been built to its rear, which detracts from its original setting. Other contemporary farm buildings appear to have been replaced by these more modern structures.
- 7.D.3.2. Current design proposals show that the cottage is partially located within the draft Order Limits. However, at this stage it is assumed there will be no direct physical impact on the cottage. A construction compound will be located approximately 270 m east of Stain Glebe Farm, which will introduce an element of modern infrastructure, alongside associated traffic, noise and lighting into the rural, relatively unchanged setting of the cottage. This change in setting will have a temporary adverse effect on the heritage significance of the heritage asset, as it will temporarily detract from the ability to understand the cottage in its original setting. The magnitude of impact upon the cottage is assessed as low due to the temporary nature of the impact, which on a heritage asset of medium value would result in a non-significant effect of **minor** adverse.

7.D.4 Lost Hamlet of Tothby near Alford (MLI42529)

- 7.D.4.1. The HER data notes the remains of the medieval Lost Hamlet of Tothby near Alford (MLI42529/3801) within the draft Order Limits. Whilst the medieval manor house survives as a farmhouse, the former moat is no more than a pond connected to a stream by a ditch. Aerial photography revealed earthworks relating to the hamlet, in the form of tofts, crofts, ponds and ridge and furrow. Magnetometry survey in 2014 of land off Tothby Lane recorded traces of ridge and furrow aligned on a roughly northwest to southeast axis. The heritage asset has archaeological and historic interest for the potential it has to inform the understanding of medieval settlement and agricultural patterns, as well as about the nature of activity during this period.
- 7.D.4.2. The site of Tothby Hamlet is partially located within the draft Order Limits. The magnitude of impact upon the site of the Hamlet is assessed as low and would be permanent as the remains would be affected by preliminary site preparation, the construction of the haul road and the excavation of cable trenches. The majority of the heritage asset would remain unaffected. On a heritage asset of low value, this results in a significance of effect of **minor** adverse.

7.D.5 Settlement Features (MLI116295)

- 7.D.5.1. The HER data notes a series of undated settlement features (MLI116295) within the draft Order Limits that are located off Tothby Lane, Alford. Magnetometry survey in 2014 recorded a concentration of ditch and pit-like anomalies, concentrated to the north eastern part of the site. Trial trenching in 2015 confirmed the presence of several ditches and pits. No finds were recovered from the pits, and the location of the features within the stratigraphy suggests that they are later in date than those from the potential Romano-British settlement (MLI116296). These remains have archaeological interest for their potential to inform the understanding of potential agricultural and settlement patterns following the Roman period and may provide further evidence related to the medieval settlement of Tothby. Based on the evidence located, the heritage asset is assessed as being of low value.
- 7.D.5.2. The settlement features are partially located within the draft Order Limits. The magnitude of impact upon the Settlement Features is medium and would be permanent as the heritage asset would be affected by preliminary site preparation, the construction of the haul road and the excavation of cable trenches. On a heritage asset of low value, this results in a significance of effect of **minor** adverse.

7.D.6 Medieval Ridge and Furrow, North of Alford (MLI87461)

- 7.D.6.1. The HER data notes the archaeological remains of medieval ridge and furrow, North of Alford (MLI87461) within the draft Order Limits, located west of the A1104 East Street. The ridge and furrow was identified through a series of aerial photographs recorded by the National Mapping Programme. The remains are considered to be of low heritage value for their archaeological interest to provide evidence on agricultural practices and land use in the medieval period.
- 7.D.6.2. Current design proposals show that the northern extent of the ridge and furrow is located within the draft Order Limits. As only a small section of the ridge and furrow will be impacted, the magnitude of impact upon the archaeological remains is considered to be negligible and would be permanent as the remains would be affected by preliminary site preparation, the construction of the haul road and the excavation of cable trenches. On a heritage asset of low value, this results in a significance of effect of **negligible** adverse.

7.D.7 Medieval Ridge and Furrow, North of Alford (MLI87462)

- 7.D.7.1. The HER data notes the archaeological remains of medieval ridge and furrow, North of Alford (MLI87462), within the draft Order Limits and located south of the A1111 Bilsby Road. The ridge and furrow was identified through a series of aerial photographs recorded by the National Mapping Programme. The remains are considered to be of low heritage value for their archaeological interest to provide evidence on agricultural practices and land use in the medieval period.
- 7.D.7.2. Current design proposals show that the ridge and furrow remains is partially located within the draft Order Limits. As only part of the area of ridge and furrow would be affected, the magnitude of impact upon the archaeological remains is low and would be permanent as the remains would be affected by preliminary site preparation, the construction of the haul road and the excavation of cable trenches. On a heritage asset of low value, this results in a significance of effect of **minor** adverse.

7.D.8 Shrunken Medieval Village of Saleby (MLI42524)

- 7.D.8.1. The HER data notes the remains of the Shrunken Medieval Village of Saleby (MLI42524), within the draft Order Limits and located east of the A1104 Alford Road. The village of Saleby is mentioned with Thoresthorpe in the Domesday survey of 1086. The remains of the village are depicted as a series of earthworks, crofts, boundaries, ridge and furrow, and enclosures on aerial photographs recorded by the National Mapping Programme. These remains have archaeological and historic interest as it has the potential to contribute to the understanding of medieval activity and settlement patterns. The remains are of medium value.
- 7.D.8.2. A very small section of the village remains will be located within the draft Order Limits and consequently the heritage asset would only be partially located within the draft Order Limits, with the majority of the shrunken village remaining without impact. The magnitude of impact upon the heritage asset is therefore considered to be negligible and would be permanent as it is assumed that any remains located within the draft Order Limits will be directly physically impacted and removed during construction. On a heritage asset of medium value, this results in a significance of effect of **minor** adverse.

7.D.9 Thoresthorpe Shrunken Medieval Village (MLI42527)

- 7.D.9.1. The HER data notes the remains of Thoresthorpe Shrunken Medieval Village (MLI42527), within the draft Order Limits and located east of the A1104 Alford Road. Thoresthorpe is mentioned in the Domesday survey of 1086. Surviving aspects of the village include the Grade II listed Manor House (NHLE 1308599), and it is likely that there are archaeological remains associated with the medieval village. Any surviving remains have archaeological and historic interest for their potential to contribute to the understanding of medieval activity and settlement patterns. The heritage asset is assessed as being of medium value.
- 7.D.9.2. A small section of the village remains will be located within the draft Order Limits, with the majority of the shrunken village remaining without impact. The magnitude of impact upon the heritage asset is negligible and would be permanent as it is assumed that any remains located within the draft Order Limits would be directly physically impacted and removed during construction. On a heritage asset of medium value, this results in a significance of effect of **minor** adverse.

7.D.10 Late Medieval Earthwork Field System, Bilby (MLI90885)

- 7.D.10.1. The HER data notes the archaeological remains of a late medieval earthwork field system, Bilby (MLI90885), within the draft Order Limits and located to the east and west of the A1111 Bilby Road, 1 km west of Asserby village. The earthworks were identified through a series of aerial photographs recorded by the National Mapping Programme. The heritage value of the earthwork remains is assessed as low and significance is primarily derived from its archaeological and historic interest, as it has the potential to contribute to the understanding of settlement and agricultural activity across the landscape.

7.D.10.2. Current design proposals show that a small section of the earthwork remains will be located within the draft Order Limits. The magnitude of impact upon the earthwork remains is negligible, as the majority of the field system will remain without impact, and would be permanent as it is assumed that any remains located within the draft Order Limits will be directly physically impacted and removed during construction. On a heritage asset of low value, this results in a significance of effect of **negligible** adverse.

7.D.11 Sutton on Sea to Alford Tramway (MLI43675)

7.D.11.1. The HER data notes the site of the Sutton on Sea to Alford Tramway (MLI43675), which runs roughly northeast from Sutton on Sea to the south east towards Alford. The tramway crosses the draft Order Limits around Bilsby. The tramway opened in 1884 and ran along the current A1111 Sutton Road and was closed in 1889 after competition from the Willoughby to Sutton railway line. The heritage value of the tramway is assessed as low and significance is primarily derived from its archaeological and historic interest, as it has the potential to contribute to the understanding of post-medieval industrial activity across the landscape.

7.D.11.2. Current design proposals show that a very small section of the tramway is located within the draft Order Limits. The section of tramway is located along the route of the current A1111 Sutton Road; therefore, it is likely that any remains associated with the tramway have already been removed. If any remains associated with the tramway are present, the construction of the project will result in the loss of these remains. As this is only a small section of the tramway, the magnitude of impact would be negligible, which on a heritage asset of low value, results in a significance of effect of **negligible** adverse.

7.D.12 Medieval Earthwork Ridge and Furrow, Huttoft (MLI88746a)

7.D.12.1. The HER data notes the archaeological remains of probable medieval earthwork ridge and furrow, Huttoft (MLI88746). This area is part of a group of six separate areas of ridge and furrow around Huttoft. This area of ridge and furrow is located to the west of the A52 Sutton Road and south of Crawcroft Lane. The areas of ridge and furrow were identified through a series of aerial photographs recorded by the National Mapping Programme. The remains are considered to be of low heritage value for their archaeological interest to provide evidence on agricultural practices and land use in the medieval period.

7.D.12.2. Current design proposals show that one area of the ridge and furrow is within the draft Order Limits. As this is only one section of six areas of ridge and furrow, the magnitude of impact upon the heritage asset is no more than medium on this field and would be permanent as the earthwork remains would be affected by preliminary site preparation, the construction of the haul road and the excavation of cable trenches. On a heritage asset of low value, this results in a significance of effect of **minor** adverse.

7.D.13 Probable Late Medieval Activity, Huttoft (MLI88755)

- 7.D.13.1. The HER data notes the archaeological remains that relate to probable late medieval activity, Huttoft (MLI88755), located east of Roman Bank road. The remains comprise earthworks and field boundaries that likely date to the late medieval period. The earthworks were identified through a series of aerial photographs recorded by the National Mapping Programme. The heritage value of the archaeological remains is assessed as low and significance is primarily derived from its archaeological and historic interest, as it has the potential to contribute to the understanding of settlement and agricultural activity across the landscape.
- 7.D.13.2. Current design proposals show that a small section of the archaeological remains will be located within the draft Order Limits, and there is the potential for any associated remains to extend further into the draft Order Limits. The magnitude of impact upon the heritage asset is low and would be permanent as it is assumed that any remains located within the draft Order Limits will be directly physically impacted and removed during construction. On a heritage asset of low value, this results in a significance of effect of **minor** adverse.

7.D.14 Sea Bank in Huttoft (MLI88784) and Sea Bank in Anderby (MLI88782)

- 7.D.14.1. The HER data notes a section of the Sea Bank in Huttoft (MLI88784) and Anderby (MLI88782 (running roughly north to south from Sutton on Sea to Anderby Creek, then from Anderby Creek to Chapel St Leonards, along the route of the current Huttoft Bank and Roman Bank roads. The sea bank is also known as 'Roman Bank' and thought to be medieval in origin. The heritage value of the sea bank is assessed as medium and significance is primarily derived from its archaeological and historic interest, as it has the potential to contribute to the understanding of landscape change from marshy environmental conditions to modern agricultural environment, and landscape management, in the medieval period.
- 7.D.14.2. Current design proposals show that a small section of the sea bank is located within the draft Order Limits. The section of sea bank is located along the route of the current roads in this area, and therefore it is likely that any remains associated with the sea bank have already been removed. If any remains associated with the sea bank are present, the construction of the project will result in the loss of these remains. As this is only very small sections of the sea bank are located within the draft Order Limits, the magnitude of impact would be negligible, which on a heritage asset of medium value, results in a significance of effect of **minor** adverse.

7.D.15 Low Barn Farm (MLI116611)

- 7.D.15.1. The HER data notes the archaeological remains of a 19th century farm, known as Low Barn Farm, Huttoft (MLI116611), located within the draft Order Limits. A magnetometry survey in 2013 recorded a series of magnetic anomalies thought to represent the remains of former boundary ditches and drains associated with the farm. Other anomalies recorded were thought to represent areas of brick rubble and ferrous material associated with the demolished farm buildings. The farm has limited historic and archaeological interest for the information it can provide regarding agricultural development of the area. Consequently, the heritage value of the farm is assessed as low.

7.D.15.2. Current design proposals show that the farm is partially located within the draft Order Limits and any surviving archaeological remains will potentially be directly physically impacted and removed during construction for the cable installation. As not all of the farm will be impacted, the magnitude of impact upon the farm is assessed as medium as not all of the heritage asset remains would be removed. On a heritage asset of low value, this would result in a permanent **minor** adverse effect.

7.D.16 Ridge and Furrow Earthworks, Dryby Farm, Bilsby (MLI98708)

7.D.16.1. The HER data notes the archaeological remains of ridge and furrow Earthworks, Dryby Farm, Bilsby (MLI98708), located within the draft Order limits, 1.2 km east of Bilsby. The earthworks were identified on aerial photography and recorded by the National Mapping Programme. The remains are considered to be of low heritage value for their archaeological interest to provide evidence on agricultural practices and land use in the medieval period.

7.D.16.2. Current design proposals show that the majority of the heritage asset is located within the draft Order Limits. It is likely that the remains of the ridge and furrow extend further outside the historic environment record polygon, and further into the draft Order Limits. It is assumed that any remains located within the draft Order Limits will be directly physically impacted and removed during construction. The magnitude of impact upon the heritage asset is medium, which on a heritage asset of low value would result in a permanent significance of effect of **minor** adverse.

7.D.17 Romano-British Pottery, Toad Hole, Bilsby (MLI41472)

7.D.17.1. The Lincolnshire HER notes a scatter of Roman-British pottery sherds (MLI4147). The remains would have been removed when first identified. The find spot would have negligible value as there is limited archaeological interest. No further impact to this heritage asset is anticipated.

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