The Great Grid Upgrade

North Humber to High Marnham

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North Humber to High Marnham

Volume 7: Other Documents

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Executive summary

National Grid Electricity Transmission plc (National Grid) is developing the North Humber to High Marnham Project (the Project), a proposed new 400 kV electricity transmission connection between East Riding of Yorkshire and Nottinghamshire. The Project would reinforce the national electricity transmission network, enabling the connection of new low carbon energy generation and supporting the delivery of the UK Government's clean power and net zero ambitions. The Project is a Nationally Significant Infrastructure Project (NSIP) for which development consent is being sought through a Development Consent Order (DCO) under the Planning Act 2008 (HM Government, 2008). It is recognised as a critical reinforcement to provide the network capacity required to meet future electricity demand and support the transition to a low-carbon energy system.

This Outline Cultural Heritage Management Plan (OCHMP) has been prepared on behalf of National Grid (the Applicant) to support the Application for a Development Consent Order (DCO).

The majority of cultural heritage mitigation measures, comprising archaeological investigation and recording, will be completed prior to the start of the Project's construction phase, and are secured in the DCO by **Application Document 7.9 Outline Archaeological Written Scheme of Investigation**.

This Outline CHMP sets out the mitigation measures that are required to ensure the cultural heritage resource, that may be affected by the Project, is protected and managed during construction and during specific maintenance activities carried out during the operational phase of the Project.

1. Introduction

1.1 Overview

1.1.1 National Grid Electricity Transmission plc (National Grid) owns and maintains the national high voltage electricity transmission network throughout England and Wales.

1.1.2 The transmission network connects the power from where it is generated to the regional distribution network operators who then supply businesses and homes.

1.1.3 National Grid holds the Transmission Licence for England and Wales, and its statutory duty is to develop and maintain an efficient, coordinated and economical system of electricity transmission and to facilitate competition in the generation and supply of electricity, as set out in the Electricity Act 1989 (HM Government, 1989).

1.1.4 National Grid has developed plans for the North Humber to High Marnham Project (the Project). The Project would support the UK government's net zero target through the connection of new low carbon energy generation and by reinforcing the transmission network.

1.1.5 The Project would establish a new 400 kilovolt (kV) transmission connection approximately 90 kilometres (km) in length between a new substation to be built in the vicinity of Birkhill Wood, located to the north of Hull near Creyke Beck in the East Riding of Yorkshire, and a new substation at High Marnham in Nottinghamshire.

1.1.6 The reinforcement is needed because the existing transmission network, even with current upgrading, will not have sufficient capacity for the new renewable energy (a substantial proportion of which would be generated by offshore wind) that is expected to connect to the network over the next 10 years and beyond. Completion of the Project, together with other new reinforcements across the country, will meet this future energy transmission demand across the UK.

1.1.7 The Project is a Nationally Significant Infrastructure Project (NSIP), and National Grid is seeking development consent under the Planning Act 2008 (HM Government, 2008). NSIPs require a type of planning permission known as a Development Consent Order (DCO). Instead of applying to the local authority for planning permission, the developer must apply to the Secretary of State via the Planning Inspectorate for a DCO.

1.1.8 National Grid has submitted an application for development consent to the Planning Inspectorate for the Project. The Examining Authority (consisting of one or more examining inspectors), after a period of public examination, will make its recommendation to the Secretary of State for Energy Security and Net Zero, who in turn will decide on whether development consent should be granted.

1.1.9 The Project has been identified as being critical to delivering a network which supports the clean power pathways for 2030 delivery.

1.2 Purpose and Structure of this Document

1.2.1 The majority of cultural heritage mitigation measures, comprising archaeological investigation and recording, will be completed in advance of commencement of the Project's construction phase, and are secured in the DCO by **Application Document 7.9 Outline Archaeological Written Scheme of Investigation**.

1.2.2 This Outline Cultural Heritage Management Plan (OCHMP) sets out the mitigation measures that are relevant to the construction phase of the Project and to specific maintenance activities carried out as part of the operational phase of the Project.

1.2.3 In compliance with the applicable Requirement within **Application Document 3.1 Draft Development Consent Order** the measures in this Outline CHMP, which are coordinated with other environmental considerations where relevant, will ensure that the cultural heritage resource that may be affected by the Project during construction, operation and maintenance, is protected and managed in a consistent and integrated manner.

1.2.4 This Outline CHMP is structured as follows:

- Section 1 – Introduces the Project and explains the purpose of this Outline CHMP.
- Section 2 – Summarises the Project commitments relevant to cultural heritage management.
- Section 3 – Describes the relationship between this Outline CHMP and other Development Consent Order (DCO) documents.
- Section 4 – Defines the roles and responsibilities of the organisations and personnel responsible for implementing the cultural heritage management measures.
- Section 5 – Outlines the role of statutory consultees in approvals, monitoring and site sign-off processes.
- Section 6 – Details the cultural heritage management measures to be implemented during construction and maintenance, including procedures for archaeological monitoring, preservation of archaeological remains, and the management of unexpected discoveries.

1.2.5 This Outline CHMP is supported by Figure 1 Cultural Heritage Management Measures.

1.2.6 Should the Project be consented, this Outline CHMP will be updated by the Applicant's or Main Works Contractor's Archaeological Clerk of Works (ACoW) (refer to Table 4.1), and the measures within finalised. The Final CHMP will be informed by a review of the results of archaeological surveys submitted with the DCO and the results of further archaeological evaluation secured in **Application Document 7.9 Outline Archaeological Written Scheme of Investigation**, and will have considered these results against any detailed design changes. Any further cultural heritage mitigation measures identified from the ACoW's review will be detailed in the Final CHMP. The Final CHMP will be agreed with the Archaeological Advisors to the local planning authorities.

2. Project Commitments

2.1 Overview

2.1.1 As detailed in **Application Document 6.10 Environmental Statement Chapter 10 Cultural Heritage**, a systematic programme of archaeological assessment has been an integral part of the Project's design process, which has resulted in the avoidance of significant harm to heritage assets as far as reasonably practicable. As a result, embedded mitigation measures have been incorporated into the Project to avoid or reduce significant effects that may otherwise affect heritage assets during construction, operation and maintenance of the Project.

2.1.2 Embedded mitigation measures for cultural heritage include the detailed archaeological excavation and recording of archaeological remains prior to the commencement of the Project's construction phase. These measures are secured in the DCO by **Application Document 7.9 Outline Written Scheme of Investigation**.

2.1.3 **Application Document 7.3 Register of Environmental Actions and Commitments** contains all embedded, control and management and additional mitigation measures, including those relating to cultural heritage matters, that the Project will be carried out in accordance with.

2.2 Archaeological Clerk of Works

2.2.1 Commitment H01 within **Application Document 7.3 Register of Environmental Actions and Commitments** states that an ACoW for the Project will be appointed. The ACoW will be responsible for ensuring project commitments are adhered to and cultural heritage mitigation and management measures are delivered successfully during pre-commencement and construction, and during relevant maintenance activities during the Project's operation.

3. Relationship to other DCO Documents

3.1 Overview

3.1.1 This section details the relationship between this Outline CHMP and other documents required under the DCO.

3.2 Outline Code of Construction Practice and Register of Environmental Actions and Commitments

3.2.1 **Application Document 7.3 Register of Environmental Actions and Commitments** includes the design and construction mitigation which has been reported in **Application Document 6.10 Environmental Statement Chapter 10 Cultural Heritage**, and informs the measures detailed in this Outline CHMP.

3.3 Final Code of Construction Practice

3.3.1 A Final Code of Construction Practice (CoCP) will be prepared by the Main Works Contractor(s) prior to the start of the construction phase. The Final CoCP will drafted in general accordance with **Application Document 7.2 Outline Code of Construction Practice,** and will detail how the Main Works Contractor(s), or their appointed sub-contractor(s) (if applicable), will undertake their scope of works in accordance with the cultural heritage management measures in the Final CHMP.

3.4 Outline Soil and Management Plan

3.4.1 Management measures relating to the preservation of archaeological remains will be carried out by the Main Works Contractor(s) in accordance with the soil management and protection measures detailed in the Soil Management Plan which must be substantially in accordance with **Application Document 7.5 Outline Soil Management Plan**. The ACoW will review the Soil Management Plan, identify any measures that may conflict with cultural heritage management measures, for example soil stabilisation and/or decompaction measures, and respond with appropriate mitigation measures, supported by a SSWSI.

3.5 Outline Archaeological Written Scheme of Investigation

3.5.1 This Outline CHMP includes measures relating to the preservation of known archaeological remains and how to manage unexpected archaeological discoveries during the construction phase of the Project. If the status of a preservation area changes during construction or maintenance activities, in agreement with the Archaeological Advisor to the relevant local planning authority, or should a programme of archaeological investigation be required in response to an important or complex unexpected discovery, a Site Specific Written Scheme of Investigation (SSWSI) will be prepared by either the ACoW or the Archaeological Contractor. Any SSWSI will be prepared in line with the methodologies in **Application Document 7.9 Outline Archaeological Written Scheme of Investigation**.

4. Project Team Roles and Responsibilities

4.1 Overview

4.1.1 The mitigation measures detailed in this Outline CHMP, will be delivered during the construction phase of the Project, and during specific maintenance activities as part of the operational phase. The responsibilities of the Project team to ensure these measures are delivered successfully during construction (C) and Maintenance (M) are set out in Table 4.1 below.

Table 4.1 – Project Roles and Responsibilities

Project Role	Organisation	Responsibilities	Project Phase
Applicant	National Grid	1. To ensure the measures set out in this Outline CHMP are developed into a Final CHMP that must be substantially in accordance with Outline CHMP and will be adopted and adhered to during the construction and/or maintenance phases of the Project.	C, M
		2. To appoint an ACoW to manage the delivery the Outline CHMP measures.	C, M
		3. To ensure that the Main Works Contractor(s) appoints an ACoW prior to the start of construction works.	C
		4. To appoint an Archaeological Contractor (if applicable and as required) or to ensure the Main Works Contractor(s) appoints an Archaeological Contractor (if applicable and as required)	C
Main Works Contractor(s)	TBC	1. Appoint an ACoW if one has not already been appointed by the Applicant.	C
		2. To comply with the cultural heritage management measures set out in this **Application Document 7.10 Outline Cultural Heritage Management Plan**, **Application Document 7.9 Outline Archaeological Written Scheme of Investigation**, **Application Document 7.2 Outline Code of Construction**	C, M

Project Role	Organisation	Responsibilities	Project Phase
		Practice, **Application Document 7.3 register of Environmental Actions and Commitments**, **Application Document 7.5 Outline Soil Management Plan**, and further Site-Specific Written Scheme of Investigation (SSWSIs) as applicable.	
		3. To appoint an Archaeological Contractor (if applicable and as required) if one has not been appointed by the Applicant.	C
Archaeological Clerk of Works (ACoW)	TBC	1. Prior to the commencement of construction activities, the ACoW will carry out a review of submitted and updated Project documents that are relevant to cultural heritage management measures. The ACoW will review the results of the archaeological fieldwork surveys submitted with the DCO and the results of further post-consent evaluation secured in **Application Document 7.9 Outline Archaeological Written Scheme of Investigation** along with the Soil Management Plan. The majority of cultural heritage mitigation will be carried out in advance of the construction phase, therefore this review will confirm where further mitigation measures for archaeological remains may be required following detailed design changes and the final Soil Management Plan. Any further measures identified will be included in the Final CHMP which will be agreed with the Archaeological Advisors to the relevant local planning authorities.	C, M
		2. Liaise with the Applicant and their Main Works Contractor(s) and observe relevant aspects of construction works, and relevant maintenance activities during operation, to ensure the successful implementation of the measures set out in the Final CHMP.	
		3. Ensure the Project complies with the applicable Requirement within	C, M

Project Role	Organisation	Responsibilities	Project Phase
		Application Document 3.1 Draft DCO and cultural heritage legislation.	
		4. Deliver Toolbox Talks to all site personnel about the relevant cultural heritage considerations and the requirements of the Outline CHMP.	C, M
		5. Monitor the installation and removal of protective measures relating to preservation of archaeological remains areas.	C
		6. Provide regular updates to the Archaeology Advisors to the relevant local planning authorities and Historic England as required.	C, M
		7. Prepare SSWSI documents, as detailed in **Application Document 7.9 Outline Archaeological Written Scheme of Investigation**, as required, to manage impacts to unexpected archaeological discoveries. Agree the approach with the Archaeology Advisor to the relevant local planning authority.	C, M
		8. Review SSWSIs prepared by the Archaeological Contractor and manage their approval with the Archaeological Advisor to the relevant local planning authority.	C, M
		9. Monitor any works carried out by the Archaeological Contractor and ensure compliance with **Application Document 7.9 Outline Archaeological Written Scheme of Investigation** and the agreed SSWSI.	C, M
		10. Monitor post-excavation archaeological reporting stages carried out by the Archaeological Contractor to ensure consistency and compliance with the standards set out in **Application Document 7.9 Outline Archaeological Written Scheme of Investigation** and the agreed SSWSI.	C
		11. Liaise with other Project environmental teams to ensure an integrated approach to environmental management measures. This includes,	C, M

Project Role	Organisation	Responsibilities	Project Phase
		but may not be limited to, the Project's Environmental Manager, the Environmental Clerk of Works and the Ecological Clerk of Works.	
		12. Manage the sign-off procedure to document the completion of necessary management measures and provide evidence of sign-off to the Main Works Contractor(s) and / or the Applicant.	C, M
		13. Liaise with the Applicant and the Archaeological Advisors to the relevant local planning authorities to explore opportunities to develop archive capacity, and to detail any agreed measures in the Final CHMP.	C
		14. Liaise with the Applicant and the Archaeological Advisors to the relevant local planning authorities to explore opportunities to enhance the interpretation, understanding and appreciation of heritage assets affected by the Project, and to detail any agreed measures in the Final CHMP.	C

Abbreviations: C = Construction; M = Maintenance.

5. Statutory Consultee Roles

5.1 Overview

5.1.1 The following section sets out the role of the cultural heritage statutory consultees.

5.2 Approvals

5.2.1 The Archaeology Advisor to the relevant local planning authority will approve further SSWSIs that may be required as a result of the Final CHMP measures.

5.3 Monitoring

5.3.1 The implementation of the measures in this Outline CHMP (and further SSWSIs as applicable) will be monitored by the Archaeology Advisor to the relevant local planning authority, and Historic England, if relevant. Monitoring by Historic England would be relevant if advice from Historic England's Science Advisor was specified in a SSWSI.

5.3.2 The Archaeological Advisor to the relevant local planning authority and Historic England will have unrestricted access (subject to prior agreement with the ACoW and the applicable site health and safety protocol(s) being met), to the relevant archaeological areas within the Project site.

5.3.3 Site visit access will be arranged by the ACoW in consultation with the Main Works Contractor(s).

5.3.4 The ACoW will provide regular updates to the Archaeological Advisor to the relevant local planning authority. These updates will be proportionate to the activities on site (i.e., weekly or monthly).

5.4 Site Sign-off

5.4.1 Archaeological site works that have been completed (confirmed as completed during a site monitoring meeting between the ACoW and the Archaeological Advisor to the relevant local planning authority) will be subject to a sign-off procedure.

5.4.2 The sign-off procedure will be agreed with the Archaeological Advisor to the relevant local planning authority and detailed in a SSWSI for the works prepared by the ACoW.

5.4.3 The ACoW will ensure that copies of all relevant paperwork and site plans relevant to the sign-off procedure are sent to the Main Works Contractor(s) and / or the Applicant.

6. Cultural Heritage Management Measures

6.1 Overview

6.1.1 The following measures are necessary to ensure cultural heritage matters are managed successfully during construction and maintenance of the Project, in compliance with national policy and archaeological standards and guidance.

6.2 Site-Specific Written Scheme of Investigation (SSWSIs)

6.2.1 As detailed in the sections below, some of the management measures deemed necessary by the ACoW may result in the need for a level of additional archaeological investigation and recording to be instigated, or detailed methodologies for the preservation of archaeological remains to be put in place. The scope of work required will be discussed between the ACoW and the Archaeological Advisor to the relevant local planning authority. If relevant to the scope of work, Historic England's Science Advisor will also be consulted. A separate SSWSI will be prepared for each area or site requiring archaeological investigation or preservation of archaeological remains. The SSWSIs will be prepared by the ACoW and agreed with the Archaeological Advisor to the relevant local planning authority.

6.2.2 Each SSWSI will be prepared in line with the information requirements set out in **Application Document 7.9 Outline Archaeological Written Scheme of Investigation**, relevant archaeological standards and guidance, and any additional information agreed with the Archaeological Advisor to the relevant local planning authority.

6.3 Cultural Heritage Management Measures during Construction

Archaeological Monitoring and Recording

Overview

6.3.1 A programme of archaeological monitoring and recording may be required during specific construction and maintenance activities within the Order Limits.

6.3.2 Archaeological monitoring and recording would be an appropriate mitigation response in the following scenarios:

- Monitoring of specific construction activities in parts of the Order Limits where results of previous evaluation surveys, including the results of Stage 2 trial trenching secured in **Application Document 7.9 Outline Archaeological Written Scheme of Investigation**, identified areas of non-complex archaeological remains that could be mitigated, proportionate to their heritage

value, by archaeological monitoring rather than pre-commencement archaeological excavation;

- Monitoring of construction activities that have a relatively small and localised impact footprint, such as during the undergrounding of third-party services; and
- Monitoring of construction activities in areas allocated for the preservation of archaeological remains.

6.3.3 The locations and methodology for archaeological monitoring and recording will be detailed in a SSWSI by the ACoW, in line with guidance published by the Chartered Institute for Archaeologists (Chartered Institute for Archaeologists, 2023), and agreed with the Archaeological Advisor to the relevant local planning authority. The agreed monitoring will be carried out by the Archaeological Contractor and overseen by the ACoW.

6.3.4 Should important archaeological remains be identified which cannot be addressed within the archaeological monitoring and recording scope, the ACoW will liaise with the Main Works Contractor(s) and the Archaeological Advisor to the relevant local planning authority to agree an alternative mitigation solution. The alternative mitigation approach may comprise avoidance and preservation *in situ* of the important archaeological remains, where feasible, or a programme of archaeological excavation. The alternative scope will be detailed in a SSWSI prepared by the ACoW and agreed with the Archaeological Advisor to the relevant local planning authority.

Preservation of Archaeological Remains

Overview

6.3.5 The results of the Stage 1 trial trenching, submitted with the DCO as **Application Document 6.10.A8 Appendix 10.8 Archaeological Trial Trench Report**, have identified an area of important archaeological remains between pylon 4ZQ74 and 4ZQ73 in Route Section A. During the design process, it was agreed with the Archaeological Advisor to East Riding of Yorkshire Council that it was feasible for the Project to design around the archaeological remains and preserve them *in situ*.

6.3.6 Stage 2 trial trenching, which will be undertaken post-consent and is secured in **Application Document 7.9 Outline Archaeological Written Scheme of Investigation**, may identify further important archaeological remains where preservation *in situ* is merited and feasible. In this scenario, and as stated in section 4.4 of **Application Document 6.4 Environmental Statement Chapter 4 Description of the Project**, a pylon location may be re-sited within the limits of deviation to achieve successful preservation *in situ* of important archaeological remains during construction. All areas for archaeological preservation will be agreed with the Archaeological Advisor to the relevant local planning authority.

6.3.7 The use of interlocking track matting is the only preservation method proposed in this Outline CHMP. If the Stage 2 trial trenching identifies further preservation areas that require a different approach, such as fencing off archaeological remains, or the burial of archaeological remains beneath fill, then a SSWSI detailing the methodology will be prepared by the ACoW, in consultation with the Main Works Contractor(s), and agreed with the Archaeological Advisor to the relevant local planning authority. Methods for the preservation of archaeological remains must be informed by good practice and guidance published by Historic England (Historic England, 2016).

Interlocking Track Matting

6.3.8 The area identified for the preservation of archaeological remains is shown on Figure 1. The preservation area is located between the working areas for pylon 4ZQ74 and 4ZQ73, and the temporary construction access track was rerouted during the design process to avoid the preservation area.

6.3.9 Groundworks that involve the removal of topsoil would not be required, and the only works to be carried out would be stringing conductors between pylon 4ZQ74 and 4ZQ73. To protect archaeological remains from vehicle movements during construction, interlocking track matting will be laid across the archaeological protection area, sufficient to cover the area that will be used by construction equipment and machinery.

6.3.10 Regardless of the track matting, works will not be carried out in preservation areas during periods of prolonged rainfall that result in waterlogged ground conditions. If the ground is too soft from waterlogging, equipment and machinery would likely sink, resulting in compaction and/ or spread of underlying archaeological deposits. The Main Works Contractor(s) and the ACoW will be responsible for monitoring the ground conditions of the preservation area and the general condition of the track matting. The Main Works Contractor(s) will be responsible for the maintenance of the track matting until construction work in that area is complete, at which time the removal of the track matting will be monitored by the ACoW.

Site Communications

6.3.11 The ACoW will give Toolbox Talks to inform all site personnel of the archaeological considerations with regards to the Project, the protection measures that are required, and the Project's obligations. This will help ensure compliance with the cultural heritage management measures as set out in the Final CHMP.

Changes to Preservation Status

6.3.12 Should there be a requirement for future construction related activities identified through detailed design within archaeological preservation areas, detailed archaeological excavation and recording will be required at each location in advance of any Project works. The change in the area's preservation status, and the scope of any necessary archaeological investigation and recording works required, will be agreed with the Archaeological Advisor to the relevant local planning authority. It will be detailed in a SSWSI prepared by either the ACoW, or an Archaeological Contractor appointed to undertake the works either by the Applicant or the Main Works Contractor(s).

Protocol for the Reporting of Unexpected Archaeological Discoveries

6.3.13 If archaeological discoveries are made / uncovered during any phase of construction or maintenance, the work in that area must stop and the Main Works Contractor(s), or their subcontractor, will notify the ACoW immediately. The area will be investigated initially by the ACoW, who will then inform the Archaeological Advisor to the relevant local planning authority, so that the potential importance of the discovery can be discussed, and the Applicant. A proportionate and appropriate mitigation response will then be agreed, between the Archaeological Advisor to the relevant local

planning authority and the ACoW, which will consider the likely importance and complexity of the discovery.

Non-complex Discoveries

6.3.14 If feasible and agreed with the Archaeological Advisor to the relevant local planning authority, the unexpected discovery will be recorded, and photographed *in situ* by the ACoW, and then removed (where possible) by the ACoW from the works area. This scenario is likely to be appropriate for unexpected finds that comprise discrete find spots that are not associated with other archaeological remains.

6.3.15 Proportionate to the nature and potential importance of the unexpected discovery, and in agreement with the Archaeological Advisor to the relevant local planning authority, the ACoW will prepare a SSWSI to document the agreed methodology for the initial on-site recording, and a methodology for post-excavation assessment and analysis, necessary stabilisation and / or conservation measures, reporting and archive.

Important and / or Complex Discoveries

6.3.16 If potentially important or complex archaeological remains are identified, i.e. remains that may require specialist input or emergency conservation, or that require further investigation to confirm their importance, then the following procedures will be implemented:

- All earthmoving activities within 10 m of the discover will cease immediately.
- Construction activities within 10 m of the discovery will not commence until provision has been made by the Applicant, or the Main Works Contractor(s), for the further investigation and archaeological recording of the remains.
- The scope of the further investigation and recording will be detailed in a SSWSI prepared by either the ACoW, or an Archaeological Contractor appointed by either the Applicant or the Main Works Contractor(s). The SSWSI will be agreed with the Archaeological Advisor to the relevant local planning authority.
- The ACoW will liaise with the Archaeological Contractor to estimate and agree the additional time and resources needed to complete the archaeological investigation and will inform the Applicant and the Main Works Contractor(s).
- The ACoW will ensure that all archaeological works are carried out by the Archaeological Contractor in line with all applicable SSWSIs, Final CHMP and within the agreed timescale.
- The ACoW will provide regular updates to the Archaeological Advisor to the relevant Local Planning Authority, and Historic England's Science Advisor if applicable to the agreed scope of work, and will arrange site meetings to ensure the procedures for site sign-off are followed in a timely manner.

Human Remains

6.3.17 Should human remains be discovered, the remains will be covered and protected and left *in situ* in the first instance, in accordance with current good practice (Mitchell, 2017) (McKinley, 1993). All works within the vicinity of the relevant area will stop. The ACoW, on behalf of the Applicant or the Main Works Contractor(s), will notify H.M.

Coroner immediately and the Archaeological Advisor to the relevant local planning authority.

6.3.18 The removal of human remains will only take place in accordance with a Ministry of Justice licence, and under the appropriate Environmental Health regulations and the Burial Act 1857. Excavation of human remains will be undertaken by archaeological specialists, with expertise in the treatment of human remains, in accordance with current good practice and archaeological standards and guidance (Mitchell, 2017) (McKinley, 1993).

6.3.19 The methodology for the removal of human remains, including on-site excavation and sampling strategy, will be detailed in an SSWSI, prepared by either the ACoW or the archaeological specialist. The SSWSI will be agreed with the Archaeological Advisor to the relevant local planning authority.

Security for Archaeological Sites

6.3.20 If important archaeological remains are uncovered during construction works, the Applicant, or the Main Works Contractor(s), will provide on-site security measures to prevent out of hours unauthorised access to the archaeological remains that may result in damage to, or theft from, the site.

6.4 Cultural Heritage Management Measures during Maintenance

Maintenance Access

6.4.1 The proposed overhead line would be subject to routine inspection. Access for maintenance activities would be along operation and maintenance access routes as illustrated on **Application Document 6.4.F1 Figure 4.1 Proposed Project Design**. Temporary interlocking track matting panels may be required along these routes during maintenance activities.

6.4.2 Maintenance activities in preservation of archaeological remains areas will adopt protection measures to avoid accidental damage to buried remains. As detailed in **Application Document 6.4 Environmental Statement Chapter 4 Description of the Project** and section 6.3 of this Outline CHMP, this will include the use of interlocking track matting panels to avoid wheel rutting and soil compaction of topsoil, which could damage underlying archaeological remains.

Repair and Refurbishment

6.4.3 Maintenance activities comprising repair and refurbishment works will be carried out during the lifespan of the Project.

6.4.4 Small vans / pick-up trucks would be used by teams carrying out minor repairs and would access the works areas via routes agreed with landowners. Interlocking track matting panels would be used where necessary.

6.4.5 Refurbishment works may comprise larger-scale work including:

- Replacement of pylons;
- Replacement of conductors and earthwires;

- Replacement of insulators and insulator fittings, conductor fittings, pylon signage;
- Painting or replacement of the pylon steelwork;
- Replacement of telecommunication equipment (by separate companies); and
- Foundation repairs / upgrades.

6.4.6 Refurbishment works may require temporary access tracks, a compound and protective scaffolding erected to cross roads, railways and waterways. Any temporary works within or in proximity to preservation of archaeological remains areas will adopt suitable protection measures that are proportionate to the type of activity and are feasible within the spatial constraints of the Order Limits. As detailed in **Application Document 6.10 Environmental Statement Chapter 10 Cultural Heritage**, the protection measures may entail one or more of the following options and considerations:

- The area for the preservation of archaeological remains may be demarcated and avoided, where this is feasible within the spatial constraints of the Order Limits;
- Where preservation areas cannot be demarcated and avoided, interlocking track matting panels will be used to protect archaeological remains from vehicle movements and potential wheel rutting;
- If track matting is used, works will not be carried out during periods of prolonged rainfall (e.g. >10 mm in 24 hours as defined in section 7.3 and Appendix C of **Application Document 7.5 Outline Soil Management Plan**) that result in waterlogged conditions within the field;
- There will be no traffic movement over unprotected topsoil and over wet soils, unless in exceptional circumstances (such as emergency services). Trafficking over unprotected topsoil may be permissible where there is a clear plan in place to limit compaction and rutting.

6.4.7 In the unlikely event that unexpected discoveries are encountered during maintenance activities, the ACoW will be informed immediately and the protocol for the reporting of archaeological discoveries, as set out in section 6.3 of this Outline CHMP, will be followed.

7. References

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Historic England. (2016). *Preserving Archaeological Remains.*

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McKinley, J. (1993). *Excavation and post-excavation treatment of cremated and inhumed human remains.*

Mitchell, P. D. (2017). *Updated Guidelines to the Standards for Recording Human Remains.* Chartered Institute for Archaeologists.

Figure 1 – Cultural Heritage Management Measures

N

21.3m
Drain
Track
Ring Beck
Old View
LB
The Eagles
Garden Centre
Tanks
Pond
Track
Ellerker Beck
ETL
Track
Drain
4AF41
4ZQ74
Track
ROMAN ROAD
21.6m
Area 12
Moorstile Balk
4AF42
4ZQ73

0 50 100 150 200 m

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Legend

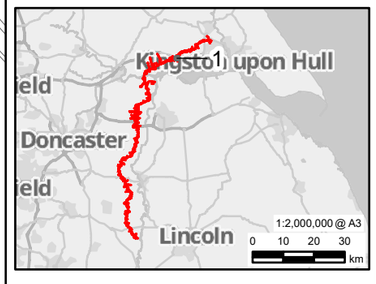
- Order Limits

Project Design Details

- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Existing Lattice Pylon To Be Modified
- Existing Overhead Line to be Reconductored

Archaeological Mitigation Area

- Preservation of Archaeological Remains



Rev	Date	Description	GIS	Chk	App
0	07/10/2026	OUTLINE CULTURAL HERITAGE MANAGEMENT PLAN	ID	JG	AC

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 1 - CULTURAL HERITAGE MANAGEMENT MEASURES

Creator:	Date:	Checker:	Date:	Approver:	Date:
ID	07/10/2026	JG	07/10/2026	AC	07/10/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
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Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\Outline Cultural Heritage Management Plan\NHHM_OCHMP_Fig1_CulturalHeritageManagementMeasures_20260716_EB_REV0.aprx

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