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Bramford to Twinstead Reinforcement

Volume 6: Environmental Information

Document 6.3.6.4.4: ES Appendix 6.4 –
Viewpoint Assessment Section E (Part 4)

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Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 Regulation 5(2)(a)



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Introduction

This appendix provides background baseline information and assessment of the representative viewpoints selected within the study area and should be read in conjunction with:

- Chapter 6: Landscape and Visual (**application document 6.2.6**);
- Appendix 6.1: Landscape and Visual Methodology (**application document 6.3.6.1**); and
- Figure 6.6: Visual Receptors and Viewpoints (**application document 6.4**).

Baseline information provided for each viewpoint includes a location map, baseline description, baseline photo and key characteristics of the existing view. The information also includes a judgement on the value of the view, the susceptibility of the (most susceptible) receptor group and the magnitude of change which is likely to arise.

The viewpoint assessment is split into seven parts, one for each section of the project.

- Section AB: Bramford/Hintlesham;
- Section C: Brett Valley;
- Section D: Polstead;
- Section E: Dedham Vale Area of Outstanding Natural Beauty (AONB) (this document);
- Section F: Leavenheath/Assington;
- Section G: Stour Valley; and
- Section H: Grid Supply Point (GSP) Substation.

The assessment presented within this appendix (including that shown on the wirelines) is based on the Proposed Alignment shown on Figure 4.1: The Project (**application document 6.4**). As this is a Nationally Significant Infrastructure Project, National Grid is seeking consent for horizontal and vertical Limits of Deviation (LoD) within which the final alignment would lie and therefore there is some flexibility. This is described in Chapter 4: Project Description (**application document 6.2.4**).

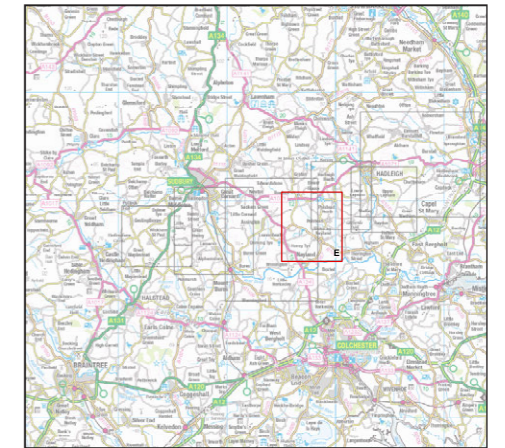
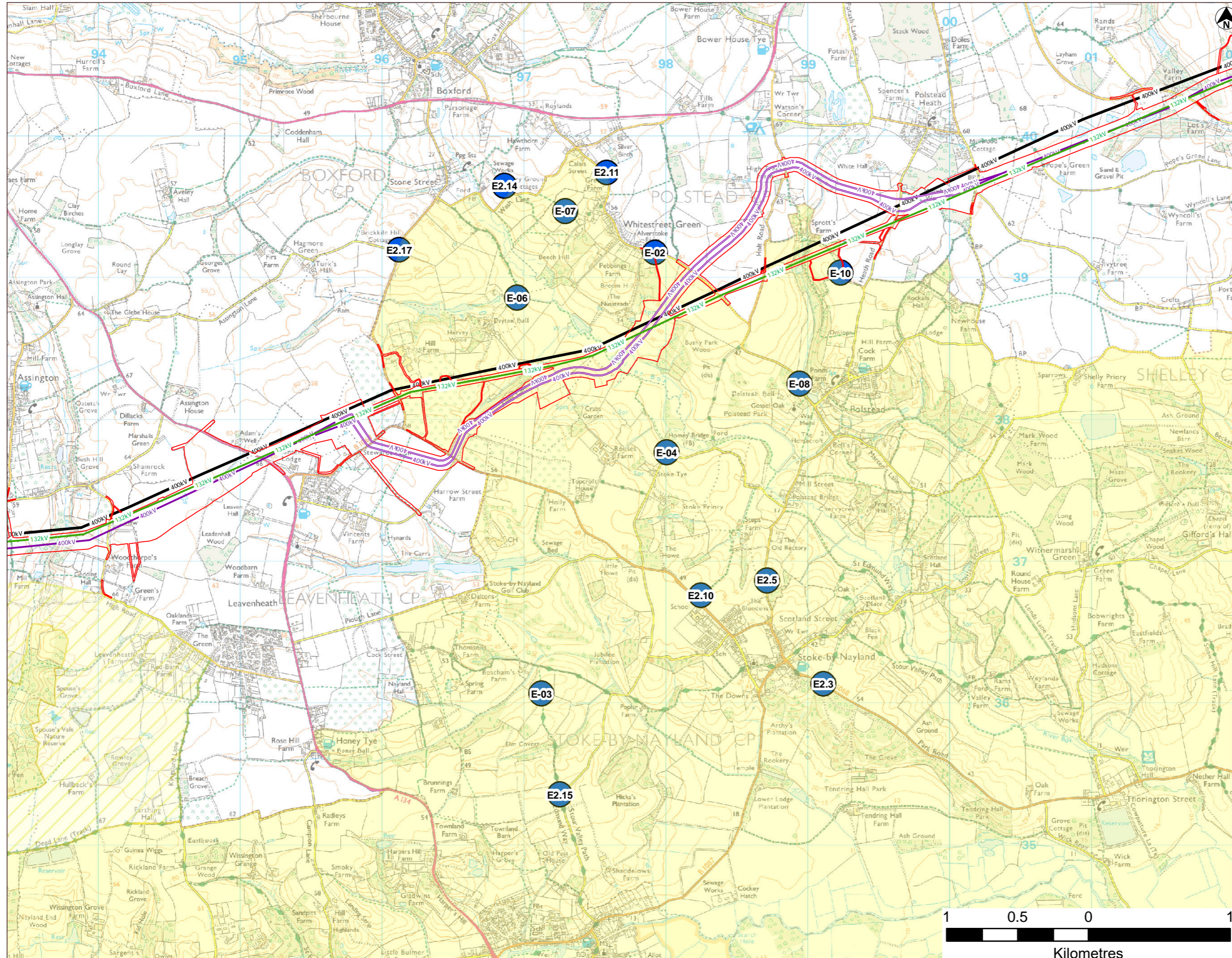
The wirelines presented in this appendix have been produced to illustrate the predicted level of change in views and support the assessment process. As the existing 400kV overhead line to be retained and the 132kV overhead line to be removed are integral parts of the baseline, they have been included on the baseline wirelines for comparison against the wirelines of the project. Existing pylons, gantries and conductors which are being retained are depicted in black. The project, including pylons, gantries, cable sealing end (CSE) compounds and GSP substation are shown in red.

The reinforcement would include approximately 18km of overhead line (consisting of approximately 50 new pylons, and conductors). It is assumed that this reinforcement would operate at least 400kV in a similar way to the majority of the rest of the transmission network. For the purposes of this report, the new overhead line is referenced as 'proposed 400kV overhead line' to differentiate it from the existing 400kV overhead line and the UK Power Networks (UKPN) owned 132kV overhead line.



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Viewpoint Location Map - Section E: Dedham Vale AONB



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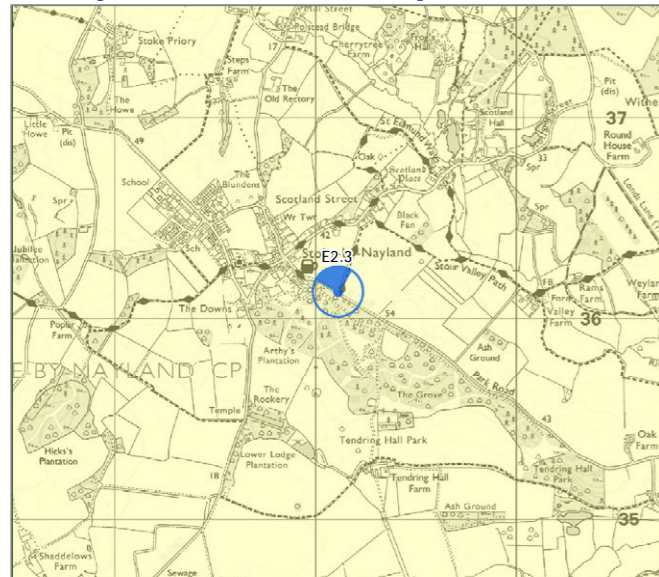
KEY:

- Viewpoint Location
- Stour Valley Project Area
- Area of Outstanding Natural Beauty
- Order Limits
- Existing 400kV overhead line
- Proposed Removal of 132kV overhead line
- Proposed 400kV overhead line
- Proposed 400kV underground cables

These plans show the Order Limits and Proposed Alignment. Due to the need for future flexibility, National Grid will be applying for Limits of Deviation within its Development Consent Order, within which any final alignment would lie. Therefore the Proposed Alignment should be treated as indicative only.

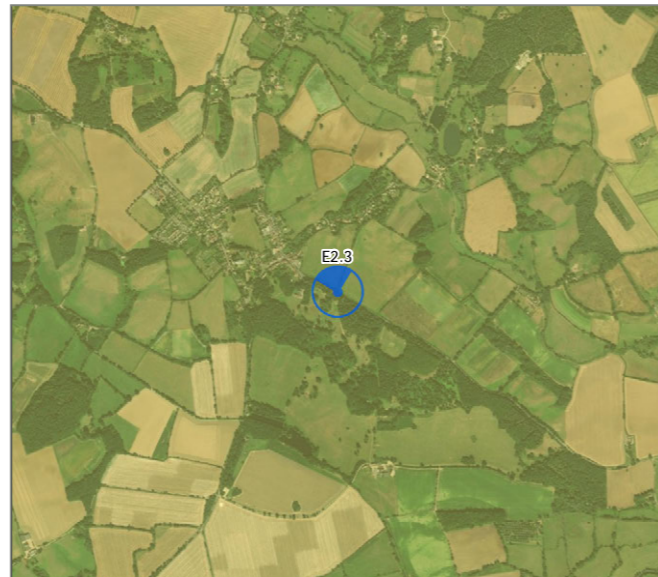
Viewpoint E2.3: View from the Stour Valley Footpath, on the Edge of Stoke-by-Nayland

Viewpoint Location Map



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Aerial Photo



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Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

Notes on Viewpoint Location

Grid Reference	599110, 236135 (51.987972, 0.898365)
Approx. Elevation	55m Above Ordnance Datum (AOD)
General Direction of View	N (346°)
Approx. Distance to the Project	2625m to LoD / 2555m to Order Limits
Time / Date	18.11 / 27 April 2021
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located on the edge of Tendring Hall Park in the Dedham Vale AONB and represents the views experienced by people living and moving around the community of Stoke-by-Nayland and users of the local Public Right of Way (PRoW) network which includes the Stour Valley Footpath and The Painters Trail. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The pasture in the foreground initially slopes gently away from the viewpoint before inclining more steeply into the broad valley of the River Box. To the left of the view on the far side of the field are dwellings and The Crown public house in Stoke-by-Nayland. The nearby water tower is in the Stoke-by-Nayland Conservation Area and is a prominent landmark which appears in paintings by Constable. The sloping landform obscures much of the mid-ground, but the background is formed by rolling and well-wooded farmland to the north of the Box Valley, much of which is within Dedham Vale AONB. The water tower near Watson's Corner is visible on the skyline to the right of the view. The existing 132kV overhead line and tops of the pylons on the more distant 400kV overhead line are seen on the horizon, with the pylons variably obscured by the intervening vegetation. In winter, the screening afforded by the tops of the trees in the mid-ground increases but has little effect on the visibility of the existing pylons.

Value of view - **high**

Supplementary Photos from Viewpoint



View south-east along Park Road behind the viewpoint.

Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



Description of Effects

Construction Year

Receptors would have long-range views of the dismantling of the existing 132kV overhead line on the distant horizon. The works would be perceived as a series of discrete sites across a wide angle of view but because of the distance and presence of intervening vegetation these sites would be inconspicuous. Construction of the 400kV underground cables, trenchless crossing of the Box Valley and Dedham Vale East CSE compound would be obscured by landform and vegetation. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

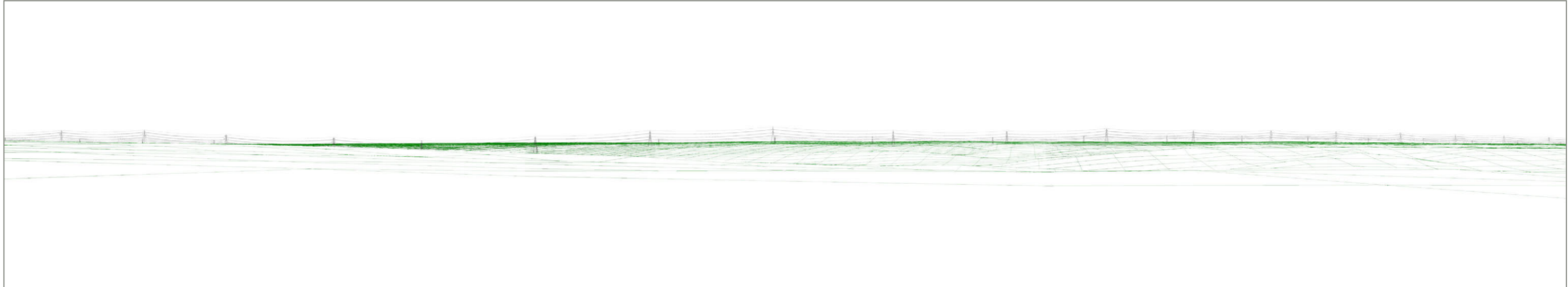
Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line means that only the tops of the 400kV pylons would remain on the skyline resulting in a beneficial effect on the view. Due to the distance and presence of intervening vegetation, it is anticipated that the magnitude of beneficial visual change would be **small**.

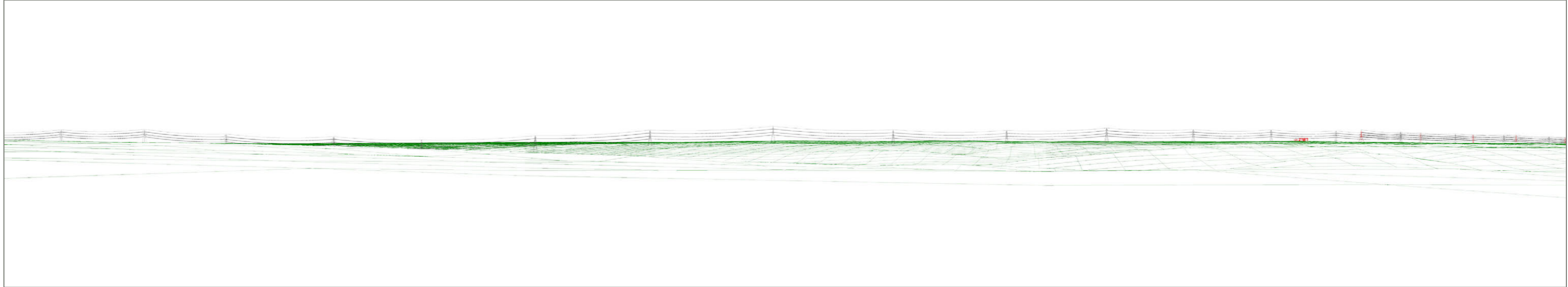
Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line would continue to result in a beneficial change and therefore, the **small** magnitude of visual change described for Year 1 would continue to be experienced by receptors.

Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

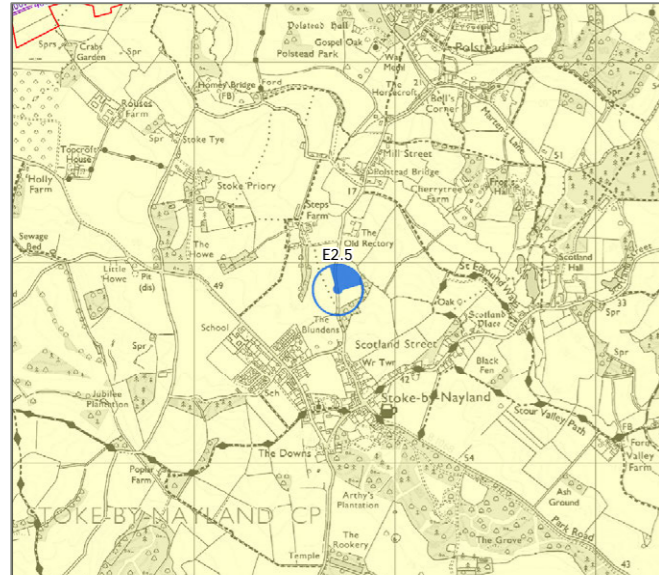


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint E2.5: View from Rectory Hill, to the North of Stoke-by-Nayland

Viewpoint Location Map



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Aerial Photo



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Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

Notes on Viewpoint Location

Grid Reference	598716, 236868 (51.994691, 0.893055)
Approx. Elevation	43m AOD
General Direction of View	NE (029°)
Approx. Distance to the Project	1800m to LoD / 1720m to Order Limits
Time / Date	10.07 / 27 April 2021
Weather / Visibility	Clear / Very Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located within the AONB and represents the views experienced by people living and moving around the community of Stoke-by-Nayland. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

A gap in the roadside hedgerow affords views across rolling and relatively small-scale farmland within the Box Valley and the AONB. There is a high coverage of trees and woodland including woodland associated with Frog's Hall and Scotland Hall which forms the mid-ground skyline to the right of the view. Dwellings and farm buildings are dispersed through the farmland and St Mary's Church and Polstead Hall are seen against a backdrop of trees within Polstead Park, beyond which is the rising land around Polstead. The existing 132kV overhead line and the tops of pylons on the more distant 400kV overhead line are seen on the horizon, with the pylons variably obscured by the intervening vegetation. In winter, the screening afforded by the tops of the trees in the mid-ground increases but has little effect on the visibility of the existing pylons.

Value of view - **high**

Supplementary Photos from Viewpoint



View north along Rectory Hill to the left of the viewpoint.

Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



Description of Effects

Construction Year

Receptors would have long-range views of the dismantling of the existing 132kV overhead line on the distant horizon. The works would be perceived as a series of discrete sites and would recede into the distance beyond Polstead. Due to the distance and presence of intervening vegetation these sites would be inconspicuous. Construction of the 400kV underground cables, trenchless crossing of the Box Valley and Dedham Vale East CSE compound would be obscured by landform and vegetation. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

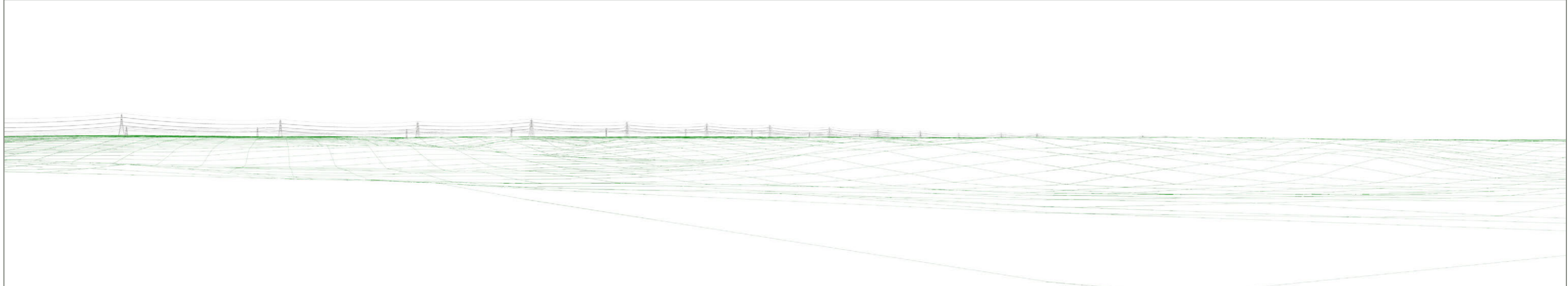
Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line means that only the tops of the 400kV pylons would remain on the skyline resulting in a beneficial effect on the view. Due to the distance and presence of intervening vegetation, it is anticipated that the magnitude of beneficial visual change would be **medium-small**.

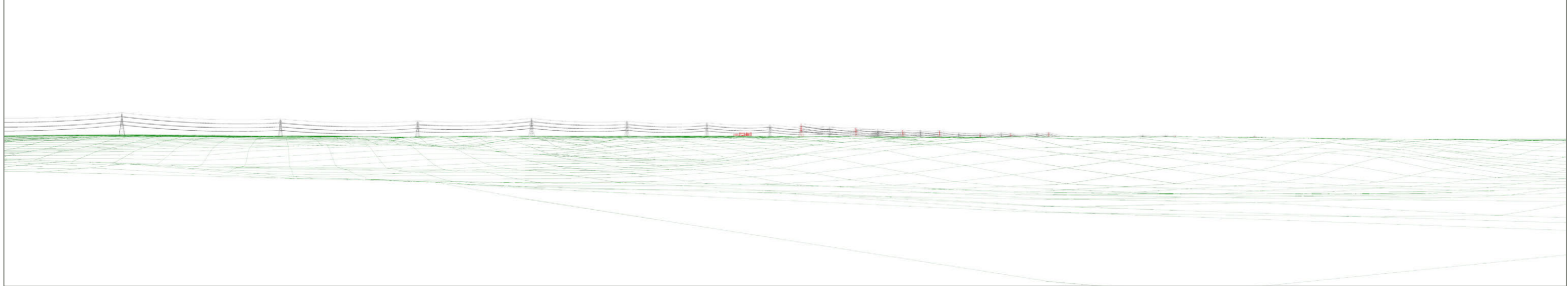
Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line would continue to result in a beneficial change and therefore, the **medium-small** magnitude of visual change described for Year 1 would continue to be experienced by receptors.

Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

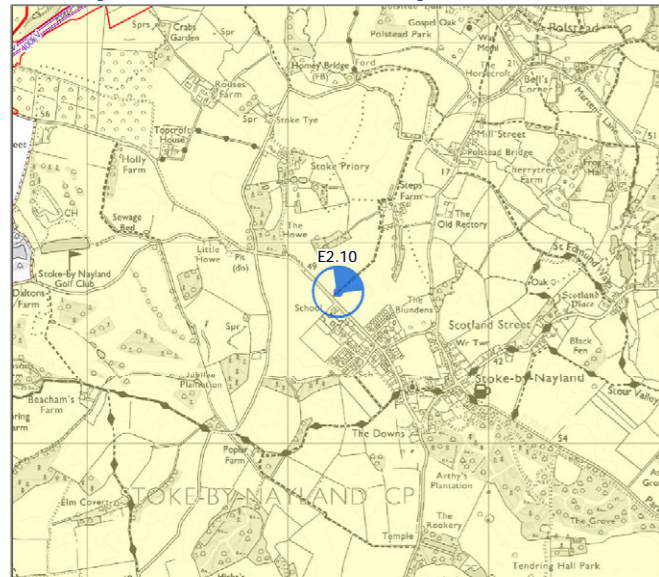


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



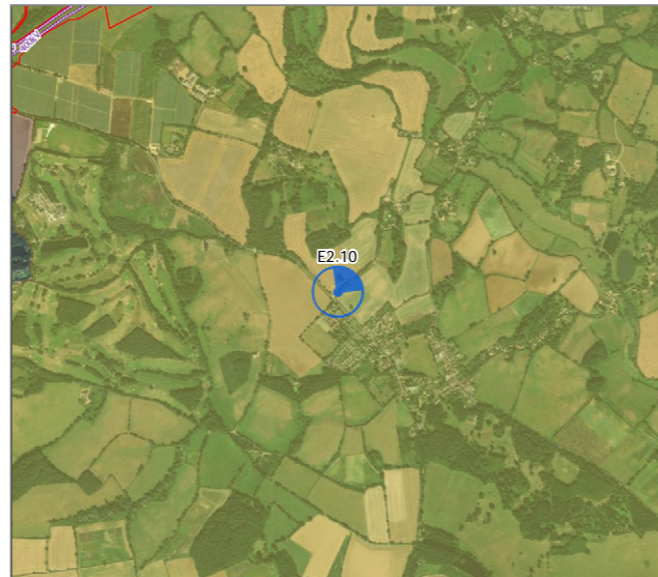
Viewpoint E2.10: View from the PRoW on Sudbury Road, to the North of Stoke-by-Nayland

Viewpoint Location Map



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Aerial Photo



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Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

Notes on Viewpoint Location

Grid Reference	598250, 236760 (51.993893, 0.886214)
Approx. Elevation	52m AOD
General Direction of View	NE (037°)
Approx. Distance to the Project	1665m to LoD / 1625m to Order Limits
Time / Date	10.31 / 27 April 2021
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located within the AONB and represents the views experienced by people living and moving around the community off Stoke-by-Nayland and users of the local PRoW network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The driveway to Steps Farm with its avenue of trees runs between two gently rolling arable fields. These slope away from the viewpoint towards the broad valley of the River Box in the mid-ground. Beyond is the rising and well-wooded farmland on the eastern valley side. Dwellings and farm buildings are dispersed throughout the farmland and St Mary's Church and Polstead Hall are seen against a backdrop of trees within Polstead Park. The existing 132kV overhead line and tops of the pylons on the more distant 400kV overhead line are discernible on the horizon, with the pylons variably obscured by the intervening vegetation. Due to the distribution of vegetation, there is some seasonal variation, with more of the pylons visible in winter than in summer.

Value of view - high

Supplementary Photos from Viewpoint



View south-east of the viewpoint towards the residential properties at The Blundens.



View south of the viewpoint towards the tower at St Mary's Church in Stoke-by-Nayland.

Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



Description of Effects

Construction Year

Receptors would have long-range views of the dismantling of the existing 132kV overhead line on the distant horizon. The works would be perceived as a series of discrete sites and would recede into the distance beyond Polstead. Due to the intervening distance and presence of vegetation, these sites would be inconspicuous. Construction of the 400kV underground cables, trenchless crossing of the Box Valley and Dedham Vale East CSE compound with its associated gantries would be obscured by landform and vegetation. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

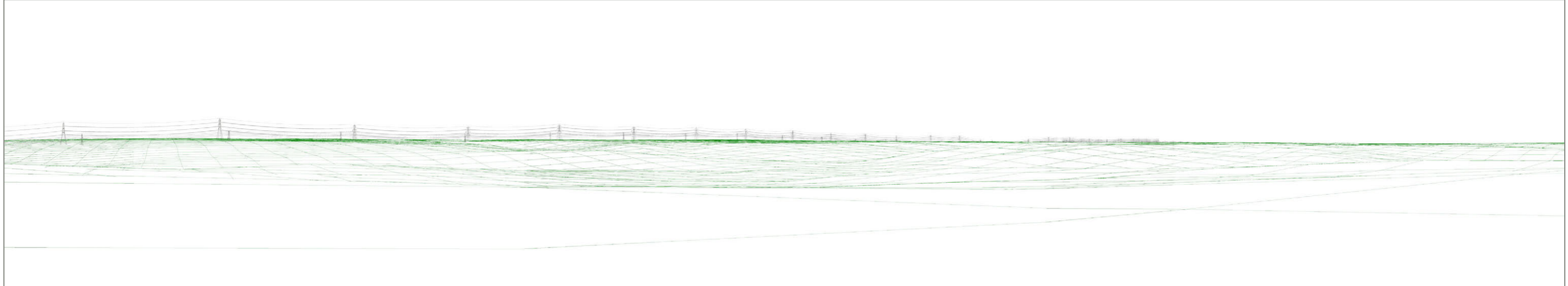
Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line means that only the tops of the 400kV pylons would remain on the skyline resulting in a beneficial effect on the view. Due to the distance and presence of intervening vegetation, it is anticipated that the magnitude of beneficial visual change would be **small**.

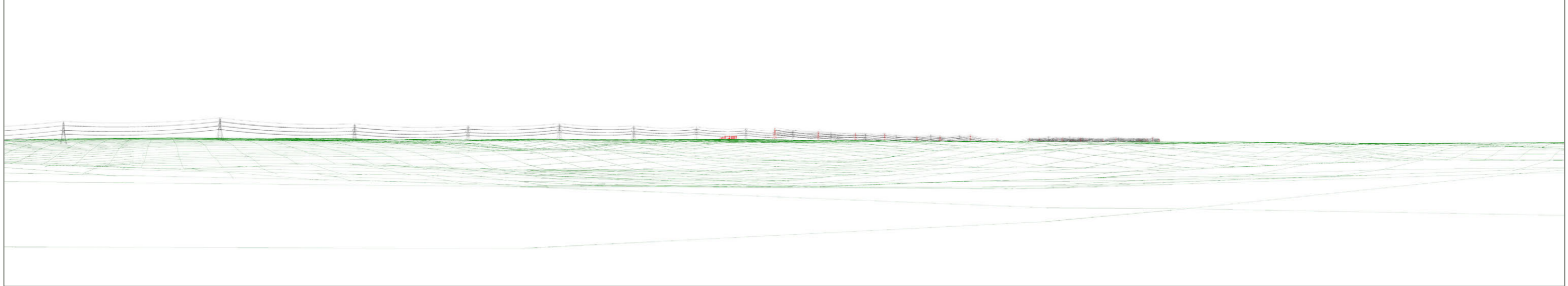
Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line would continue to result in a beneficial change and therefore, the **small** magnitude of visual change described for Year 1 would continue to be experienced by receptors.

Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

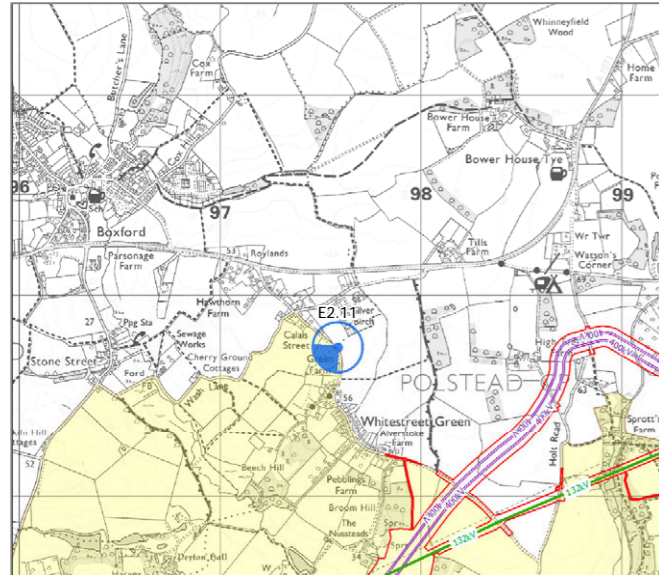


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



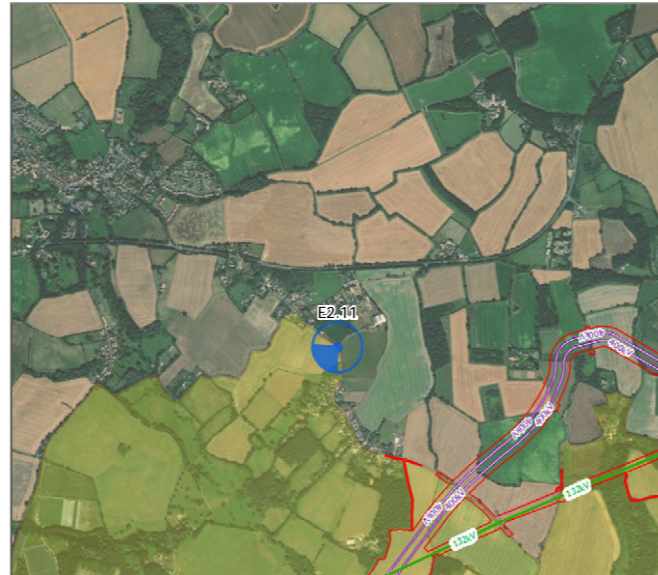
Viewpoint E2.11: View from Calais Street, on the Edge of Dedham Vale AONB

Viewpoint Location Map



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Aerial Photo



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Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

Notes on Viewpoint Location

Grid Reference	597586, 239744 (52.020918, 0.878280)
Approx. Elevation	55m AOD
General Direction of View	SW (229°)
Approx. Distance to the Project	875m to LoD / 585m to Order Limits
Time / Date	13.12 / 27 April 2021
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located on the northern edge of the AONB and represents the views experienced by people living and moving around the communities of Calais Street and Whitestreet Green. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The large rolling arable field in the foreground slopes away from the viewpoint towards the valley of the River Box which foreshortens the mid-ground to the left and right of the view. To the centre of the view, the lightly wooded and rolling farmland with dispersed dwellings and farm buildings continues into the background. Buildings and structures associated with Hill Farm are noticeable in the background to the centre-left of the view and are within the AONB whilst Firs Farm on the horizon to the right of the view is outside the AONB. The existing 400kV and more distant 132kV overhead lines are visible on the skyline across the centre of the view, with the lower parts of the pylons variably obscured by the intervening vegetation. The overhead lines recede into the distance and become imperceptible to the left of the two telecommunications towers near Yorley Farm. Due to the extent of vegetation, there is some seasonal variation, with more of the pylons being obscured in summer than in winter.

Value of view - high

Supplementary Photos from Viewpoint



View south from the viewpoint along Calais Street towards Green Farm.



View north-west from the viewpoint along Calais Street towards Bramley House.

Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



Description of Effects

Construction Year

Receptors would have long-range views of the dismantling of the existing 132kV overhead line on the skyline across the centre of the view. Although the works would only be present at each pylon location for a short period of time, because of the stacking effect created by the orientation of the viewpoint, this would be less apparent. Due however to the intervening distance and presence of vegetation, these sites would be inconspicuous. Construction of the 400kV underground cables, trenchless crossing of the Box Valley and Dedham Vale East CSE compound with its associated gantries would be obscured by landform and vegetation. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **small**.

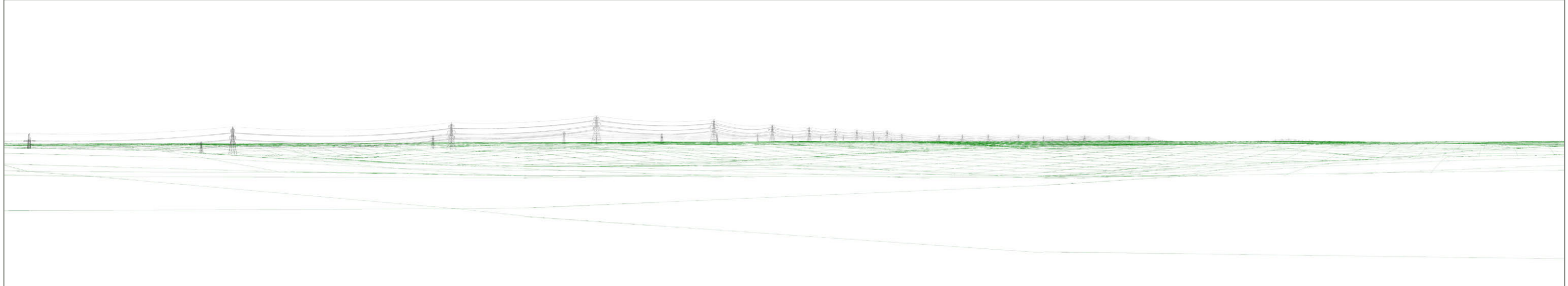
Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line means that only the 400kV pylons would remain on the skyline, resulting in a beneficial effect on the view. Due to the stacking effect created by the orientation of the view, the effects would be more noticeable than would otherwise be the case. Therefore, despite the distance and presence of intervening vegetation, it is anticipated that the magnitude of beneficial visual change would be **medium**.

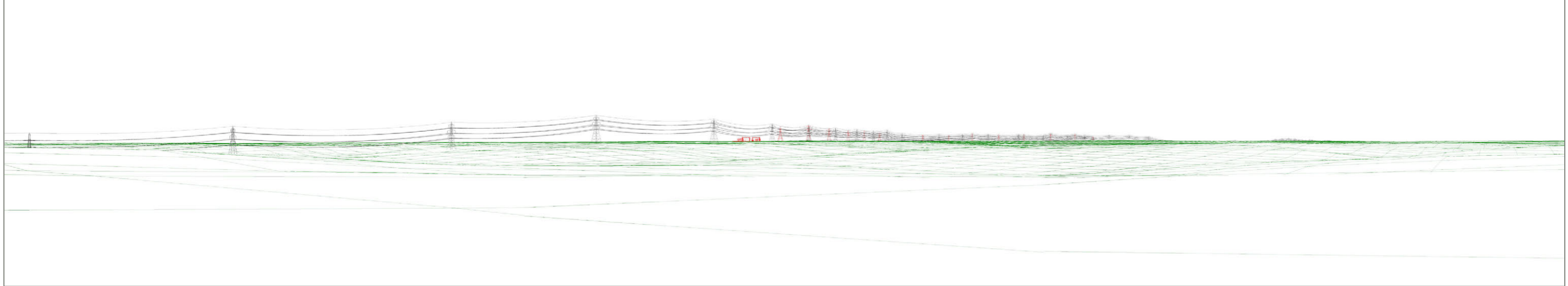
Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line would continue to result in a beneficial change and therefore, the **medium** magnitude of visual change described for Year 1 would continue to be experienced by receptors.

Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

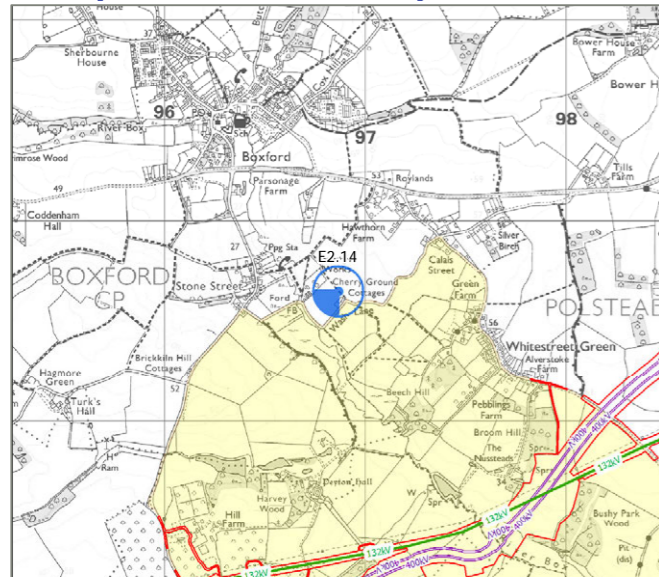


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



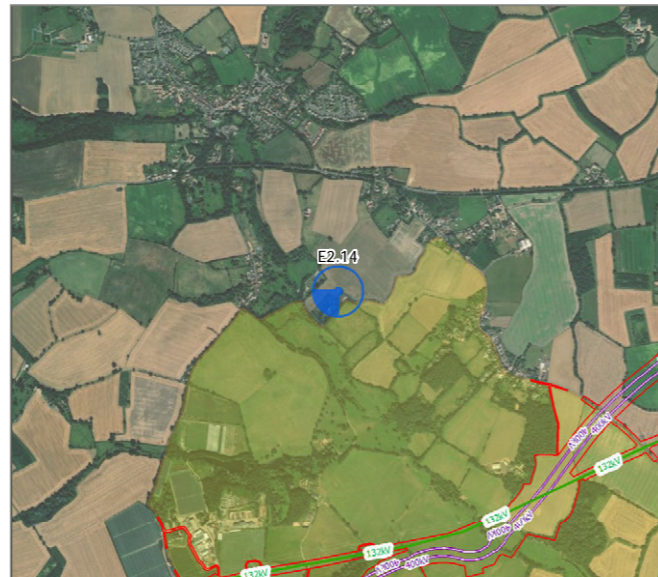
Viewpoint E2.14: View from the PRow to the East of Stone Street, near Wash Lane

Viewpoint Location Map



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Aerial Photo



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Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

Notes on Viewpoint Location

Grid Reference	596863, 239649 (52.020320, 0.867709)
Approx. Elevation	37m AOD
General Direction of View	SW (226°)
Approx. Distance to the Project	1335m to LoD / 1055m to Order Limits
Time / Date	12.54 / 27 April 2021
Weather / Visibility	Clear / Very Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located within the Box Valley SLA close to the northern edge of the AONB and represents the views experienced by people living and moving around the dispersed community west of Whitestreet Green and using the local PRow network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The foreground comprises a small flat pasture and area of immature woodland to the rear of Cherry Ground Cottages. Polytunnels and rear garden vegetation associated with the cottages are visible to the left of the view. To the right, foreground views are contained by vegetation associated with the sewage works. The developing woodland affords glimpses of rolling farmland on the west side of the Box Valley with a well-wooded horizon beyond. Harvey Wood and Peyton Hall are visible on the horizon to the left of the view alongside the buildings and structures associated with Hill Farm. Much of the farmland in the mid-ground is within the AONB. The existing 400kV overhead line is visible on the distant horizon across part of the view but the pylons are partially obscured by the intervening vegetation particularly in summer when the trees are in full foliage. Due to the distribution of vegetation, there is some seasonal variation, with more of the pylons visible in winter than in summer.

Value of view - **medium**

Supplementary Photos from Viewpoint



Cherry Ground Cottages to the left of the viewpoint.

Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



Description of Effects

Construction Year

Receptors may have a view of the upper parts of the taller equipment used to dismantle the existing 132kV overhead line, but this would be barely discernible. Construction of the 400kV underground cables, trenchless crossing of the Box Valley and Dedham Vale West CSE compound would be obscured by landform and vegetation. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

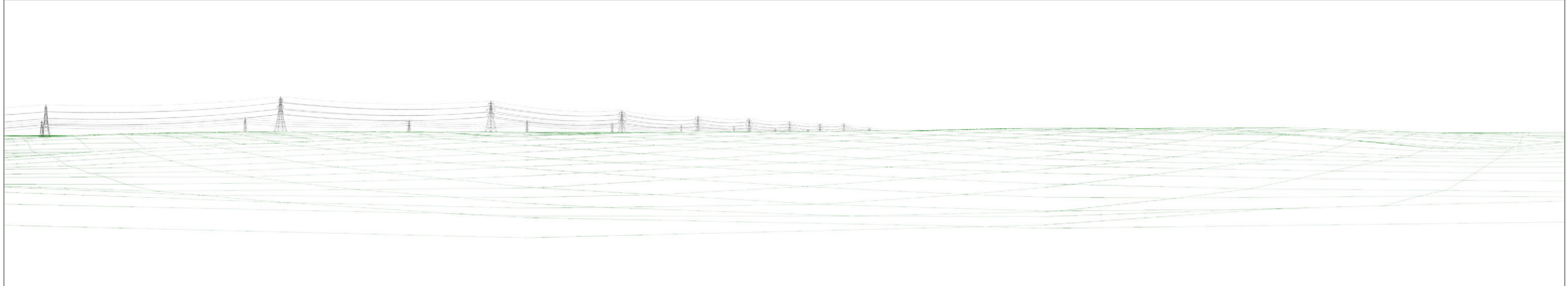
Operation - Year 1 (Without Mitigation)

Despite being slightly further from the viewpoint, the removal of the existing 132kV overhead line and presence of the new 400kV overhead line along broadly the same alignment means that the tops of the larger 400kV pylons would potentially be discernible on the distant horizon, which would result in an adverse change to the view. Given however that the existing 400kV pylons would still be present across the view and due to the distance and presence of intervening vegetation it is anticipated that the magnitude of adverse visual change would be **negligible**.

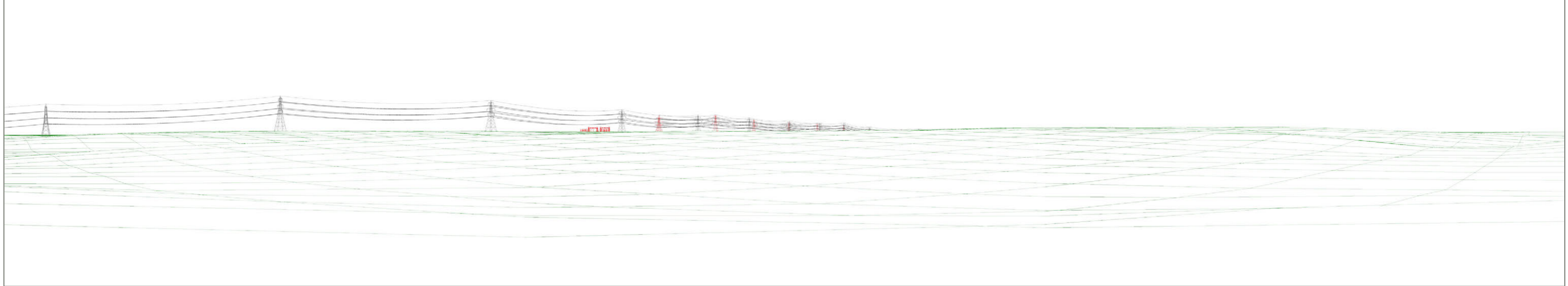
Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly further from the viewpoint would continue to result in an overall adverse change and therefore, the **negligible** magnitude of visual change described for Year 1 would continue to be experienced by receptors

Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

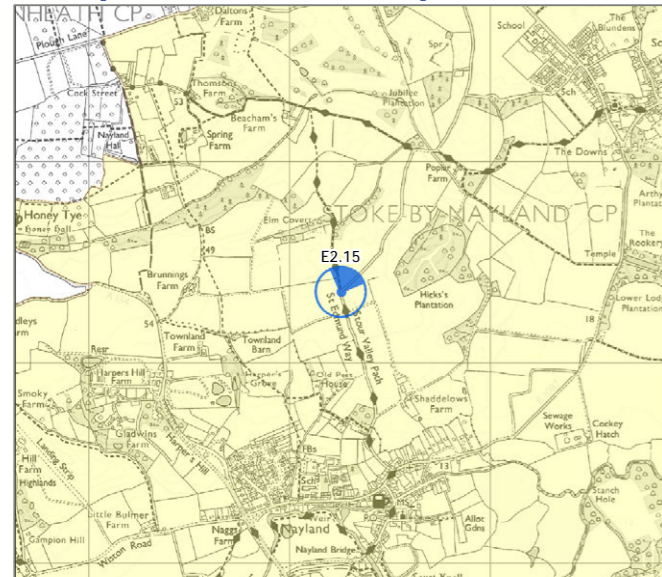


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint E2.15: View from the Stour Valley Path and St Edmund Way, South-West of Stoke-by-Nayland

Viewpoint Location Map



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Aerial Photo



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Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

Notes on Viewpoint Location

Grid Reference	597262, 235367 (51.981729, 0.871050)
Approx. Elevation	56m AOD
General Direction of View	N (022°)
Approx. Distance to the Project	2430m to LoD / 2200m to Order Limits
Time / Date	10.35 / 9 March 2022
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located within the AONB and represents the views experienced by users of the local PRow network, including the Stour Valley Path, St Edmund Way and The Painters Trail. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The intermittent hedgerow alongside the unnamed lane in the foreground affords views across a gently rolling pasture which slopes away from the viewpoint towards a small tributary valley of the River Stour. The sloping landform foreshortens the mid-ground and focuses the view on the distant rolling well-wooded farmland beyond. The existing 132kV overhead line and more distant 400kV overhead line are visible but not prominent on the distant horizon, with the pylons variably obscured by the intervening landform and vegetation. To the right of the lane, the tower of St Mary's Church is noticeable on the skyline beyond Hick's Plantation. Due to the distribution of vegetation, there is some seasonal variation, with more of the pylons visible in winter than in summer.

Value of view - **medium**

Supplementary Photos from Viewpoint



View east from the viewpoint towards Hick's Plantation which limits longer distance views.



Vegetation levels along the fenceline vary during the year.

Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



Description of Effects

Construction Year

Receptors would have long-range views of the upper parts of the taller equipment used to dismantle the existing 132kV overhead line, but this would only be present at each pylon location for a short period of time. The works would be perceived as a series of discrete sites across a wide angle of view but because of the intervening distance and presence of vegetation these sites would be inconspicuous. Works to construct the 400kV underground cables and trenchless crossing of the Box Valley would be obscured by landform and vegetation. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

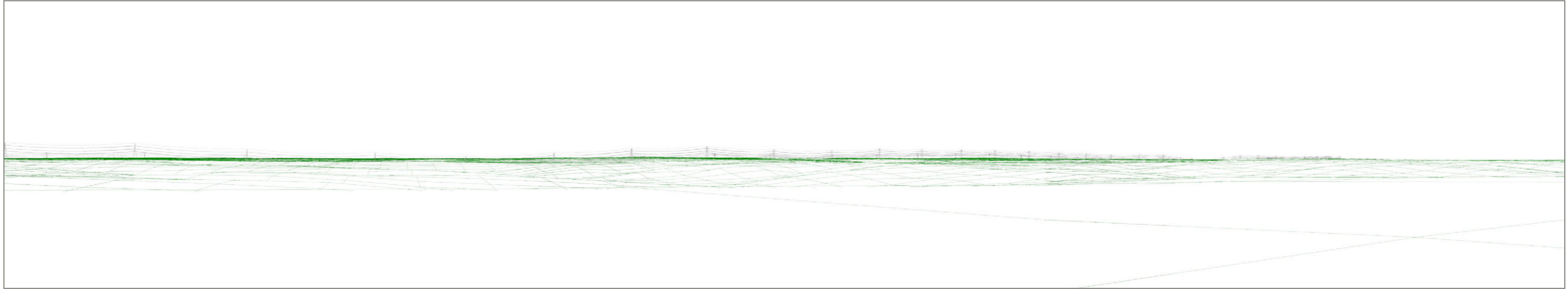
Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line along broadly the same alignment and slightly closer to the viewpoint means that the tops of the larger 400kV pylons would potentially be discernible on the distant horizon, which would result in an adverse change to the view. Given that the existing 400kV pylons would still be present across the view and due to the distance and presence of intervening vegetation it is anticipated that the magnitude of adverse visual change would be **negligible**.

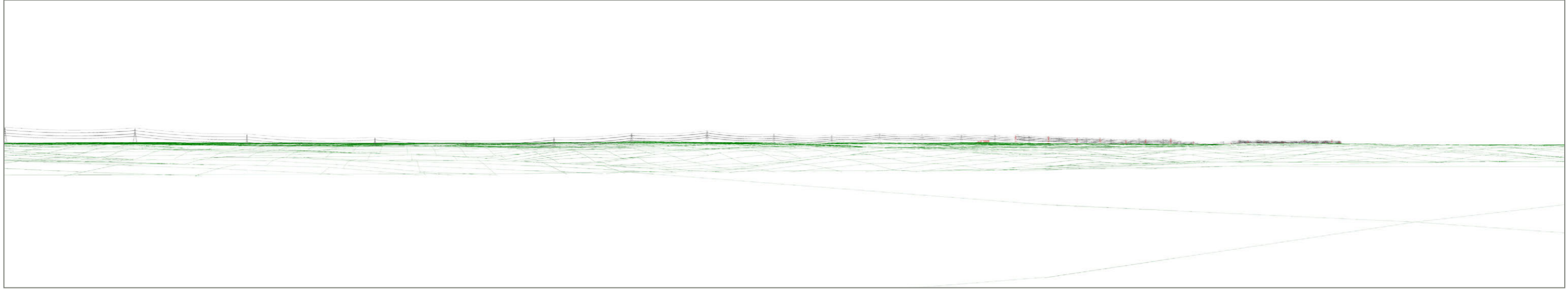
Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line would continue to result in an overall adverse change and therefore, the **negligible** magnitude of visual change described for Year 1 would continue to be experienced by receptors.

Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

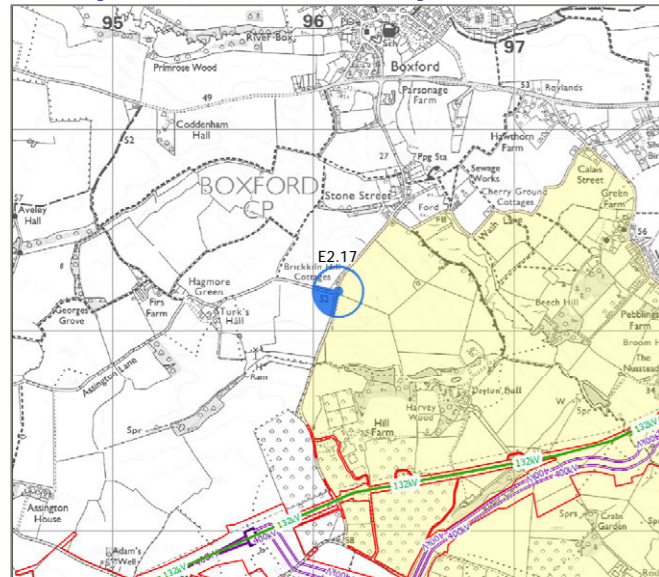


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint E2.17: View from Brick Kiln Hill, near Assington Lane

Viewpoint Location Map



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Aerial Photo



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Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

Notes on Viewpoint Location

Grid Reference	596121, 239196 (52.016522, 0.856650)
Approx. Elevation	53m AOD
General Direction of View	SW (238°)
Approx. Distance to the Project	1115m to LoD / 680m to Order Limits
Time / Date	12.09 / 27 April 2021
Weather / Visibility	Clear / Very Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located on the boundary of the AONB and the Box Valley SLA and represents the views experienced by people living and moving around the dispersed community to the south of Stone Street and users of Brick Kiln Hill. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The large arable field and Brick Kiln Hill slope gently away from the viewpoint into a small tributary valley of the River Box. To the right of the view, the tops of the trees within the valley and buildings and woodland associated with Turk's Hall contain views in the mid-ground. To the left of the view, the gently rolling farmland extends to a low horizon formed by woodland around Leavenheath. Assington water tower is visible on the distant skyline in the centre-right of the view. The area of polytunnels next to Brick Kiln Hill is part of Hill Farm. The existing 400kV and more distant 132kV overhead lines are present across the view, with the lower parts of the pylons variably obscured by the intervening vegetation. In summer, the screening afforded by the hedgerows and trees in the mid-ground increases and the existing pylons are slightly more obscured.

Value of view - **medium**

Supplementary Photos from Viewpoint



View west from the viewpoint along Assington Lane showing shed at southern end of Brickkiln Hill Cottages.

Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



Description of Effects

Construction Year

Receptors would have long-range views of the upper parts of the taller equipment used to dismantle the existing 132kV overhead line and construct the new 400kV overhead line, but this would only be present at each pylon location for a short period of time. The works would be seen on the distant horizon but would be partially obscured by the intervening vegetation, particularly in summer when in full foliage. Construction of the Dedham Vale West CSE compound may also just be discernible between the trees but construction of the 400kV underground cables and trenchless crossing of the Box Valley beyond the existing 400kV overhead line would not be visible due to the distance and presence of vegetation. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

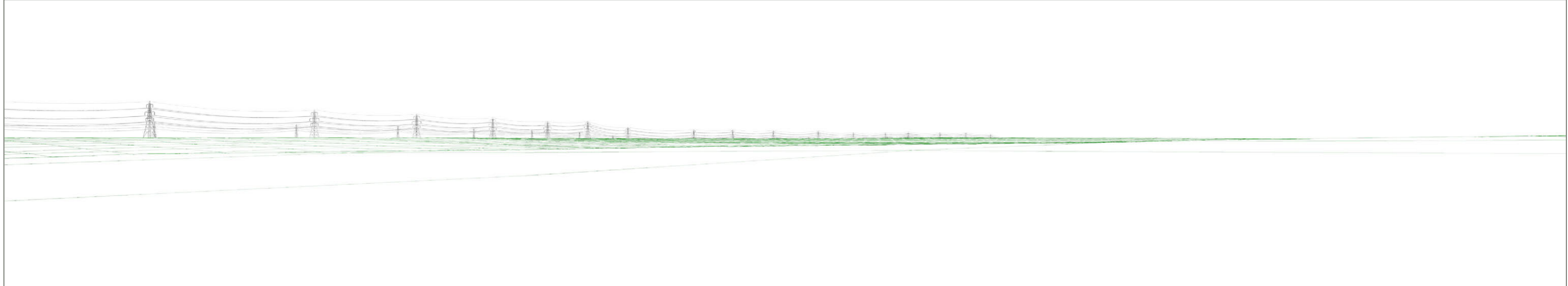
Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line along broadly the same alignment means that the larger 400kV pylons would be more noticeable despite being further from the viewpoint. This would result in an adverse change. Given however that the existing 400kV pylons would still be present across the view and due to the distance and presence of intervening vegetation it is anticipated that the magnitude of adverse visual change would be **small**.

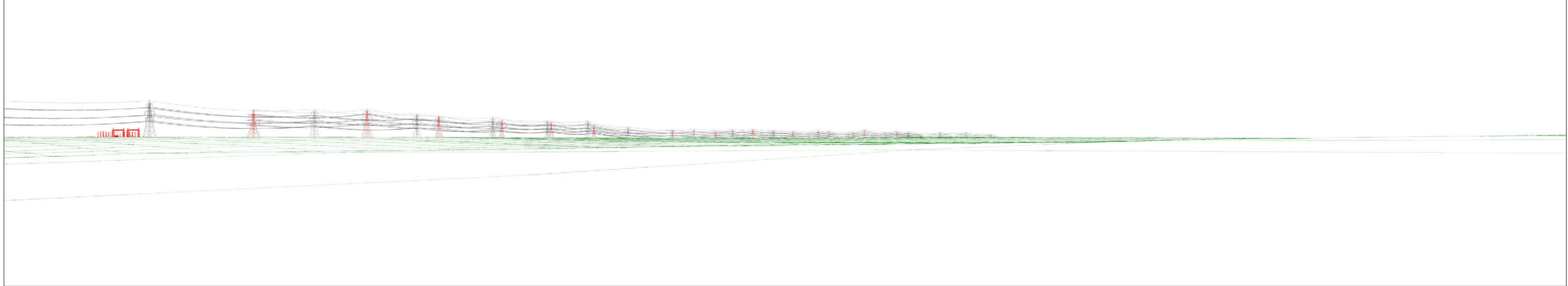
Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly further from the viewpoint would continue to result in an overall adverse change and therefore, the **small** magnitude of visual change described for Year 1 would continue to be experienced by receptors.

Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

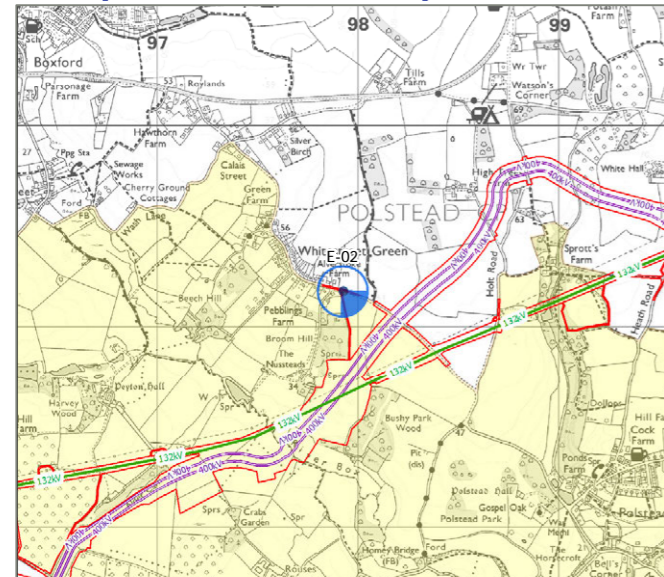


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



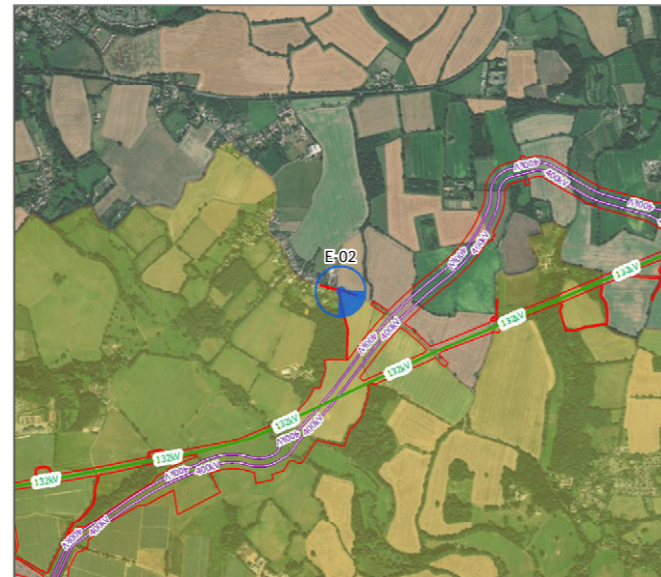
Viewpoint E-02: View from Calais Street in Whitestreet Green

Viewpoint Location Map



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Aerial Photo



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Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

Notes on Viewpoint Location

Grid Reference	597924, 239176 (52.015700, 0.882867)
Approx. Elevation	60m AOD
General Direction of View	SE (137°)
Approx. Distance to the Project	240m to LoD / 5m to Order Limits
Time / Date	12.58 / 27 April 2021
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located on the northern edge of the AONB and represents the views experienced by people living and moving around the community of Whitestreet Green. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The absence of a roadside hedgerow affords views out across a sloping arable field on the northern valley side of the River Box. To the right, views are contained in the foreground by trees along the field boundary and to the left by the rising landform. To the right of the view, Bushy Park Wood is visible beyond the pylons in the mid-ground whilst above the trees there are long-range views towards Stoke-by-Nayland and the distinctive tower of St Mary's Church. In the centre of the view, the distant wooded horizon is formed by woodland around Polstead. The existing 400kV and more distant 400kV overhead lines cross the view and the pylons are prominent on the skyline. Due to the distribution of vegetation, there is some seasonal variation, with more of the pylons visible in winter than in summer.

Value of view - **high**

Supplementary Photos from Viewpoint



Woodland to the south of properties at Whitestreet Green contains views to the right of the viewpoint.

Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



Description of Effects

Construction Year

This viewpoint is located within the Order Limits. Receptors would have mid-ground views of the dismantling of the existing 132kV overhead line, but the works would only be present at each pylon location for a short period of time. The presence of the temporary access route and associated vehicle and plant movements along the field boundary to the right of the view would be noticeable in the foreground. Construction activities associated with the 400kV underground cables beyond the low embankment on the far side of the field would also be visible, although the foreshortening effect of the sloping landform would reduce their prominence. More noticeable would be the works to construct the 400kV underground cables across the lower part of the field in front of Bushy Park Wood, which would result in a substantial change to the view. Overall, although

the construction activities would be temporary, short term, and reversible, their extent and prominence would result in a **medium-large** magnitude of adverse visual change.

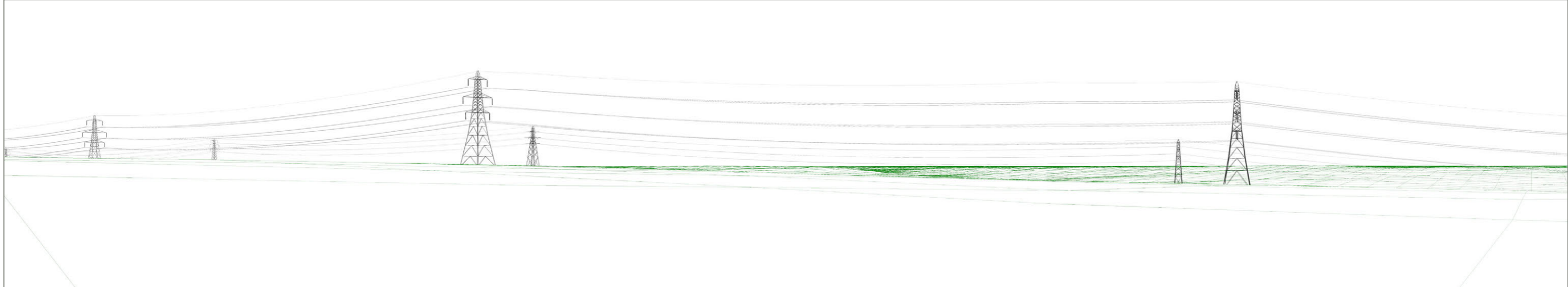
Operation - Year 1 (Without Mitigation)

The absence of the 132kV pylons from the horizon would be a beneficial change. Reinstatement planting associated with the underground cables would be immature at this stage and within the LoD the former working areas for construction would be very noticeable. On balance, due to the continued presence of the existing 400kV pylons it is anticipated that the overall visual change would be beneficial, and the magnitude of visual change would be **small**.

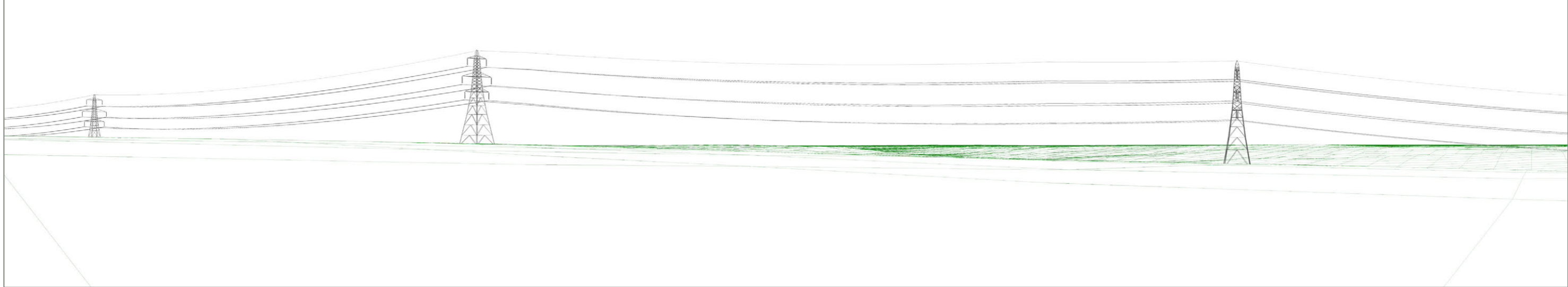
Operation - Year 15 (With Mitigation)

Once the reinstatement planting begins to mature at Year 15, it is anticipated that the former construction corridor within the LoD would be visually integrated with the surrounding landscape. This and the absence of 132kV pylons from the horizon means that the magnitude of beneficial visual change would increase to **medium-small**.

Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

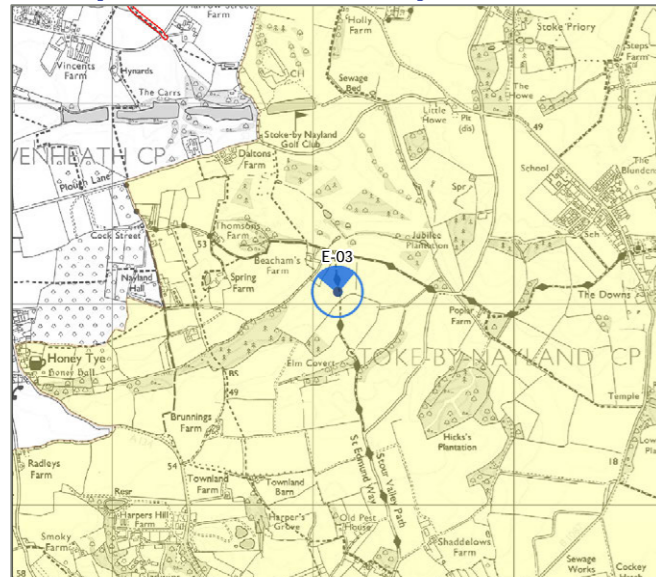


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



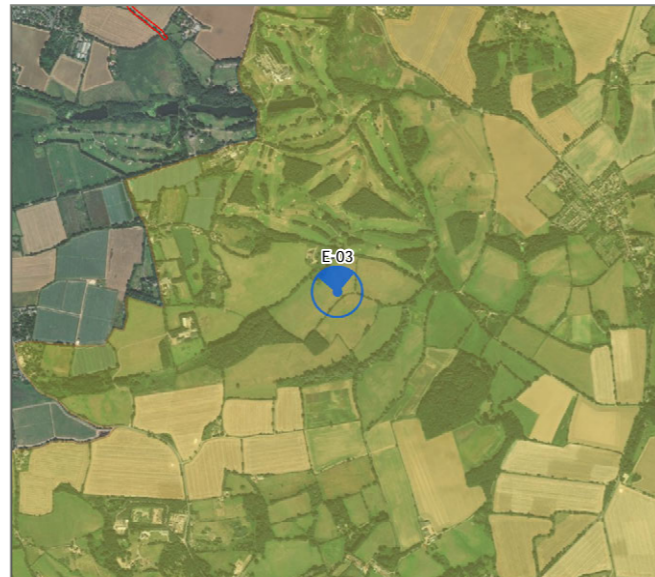
Viewpoint E-03: View from the Stour Valley Path and St Edmund Way, West of Stoke-by-Nayland

Viewpoint Location Map



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Aerial Photo



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Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

Notes on Viewpoint Location

Grid Reference	597123, 236065 (51.988051, 0.869432)
Approx. Elevation	47m AOD
General Direction of View	N (355°)
Approx. Distance to the Project	1715m to LoD / 1520m to Order Limits
Time / Date	16.48 / 27 April 2021
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located in the AONB and represents the views experienced by people using the local PRow network, including the Stour Valley Path and St Edmund Way. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The pasture in the foreground initially slopes gently away from the viewpoint, before inclining more steeply into a subsidiary valley of the River Stour. Buildings associated with Beacham's Farm can be discerned through the vegetation in the centre of the view. The sloping landform foreshortens the mid-ground and obscures much of Stoke-by-Nayland Golf Course. The background comprises well-wooded gently rolling farmland with dispersed dwellings and farm buildings. Much of this farmland lies within the AONB. The existing 400kV overhead lines can be seen towards the centre of the view where vegetation allows. The existing 132kV pylons are obscured by the intervening landform and vegetation. Due to the distribution of vegetation, there is some seasonal variation, with more of the pylons visible in winter than in summer.

Value of view - **high**

Supplementary Photos from Viewpoint



View south from the viewpoint along the Stour Valley Path and St Edmund Way.



View east from the viewpoint towards Poplar Farm.

Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



Description of Effects

Construction Year

Receptors may have a view of the upper parts of the taller equipment used to dismantle the existing 132kV overhead line, but this would be barely discernible in the background. Construction of the 400kV underground cables and trenchless crossing of the Box Valley would be obscured by the intervening landform and vegetation. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

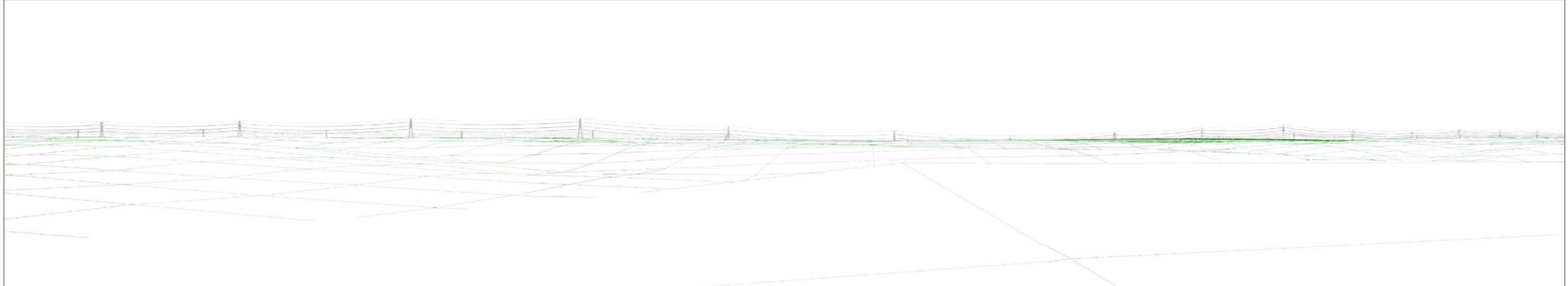
Operation - Year 1 (Without Mitigation)

Due to the high tree cover, the absence of the 132kV pylons from the view would be a beneficial change but, because they are not a prominent element, the magnitude of change would be **negligible**.

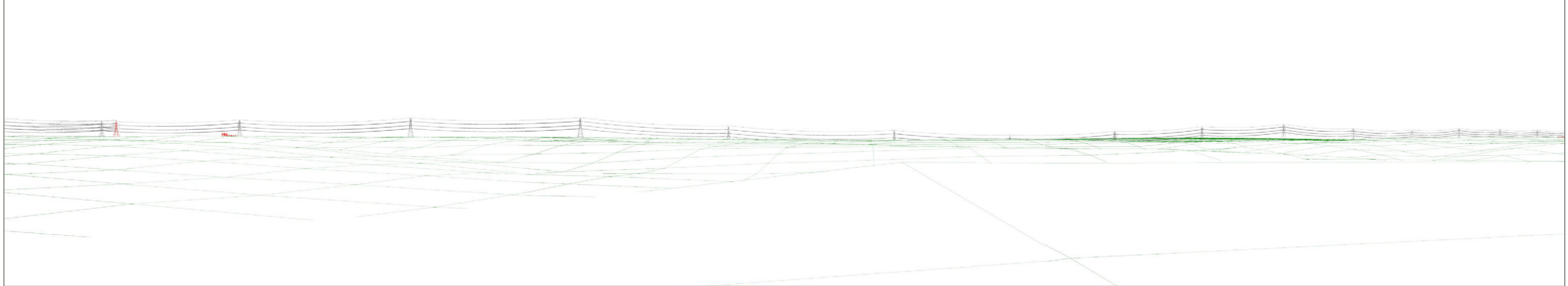
Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line would continue to result in a **negligible** magnitude of beneficial change.

Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

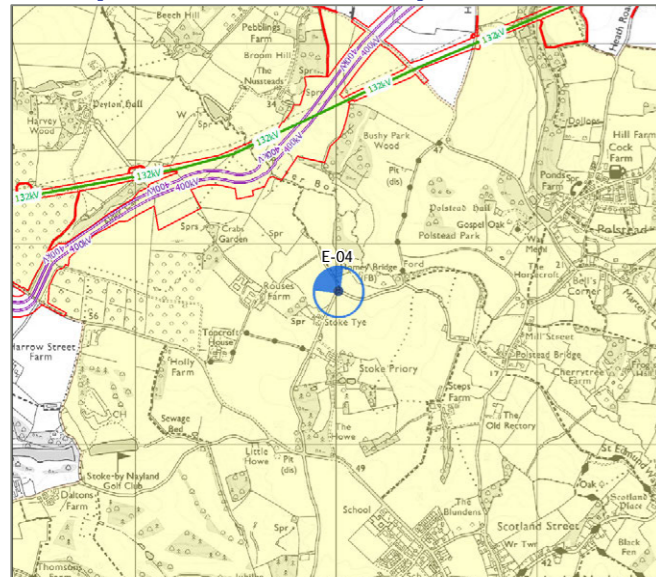


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



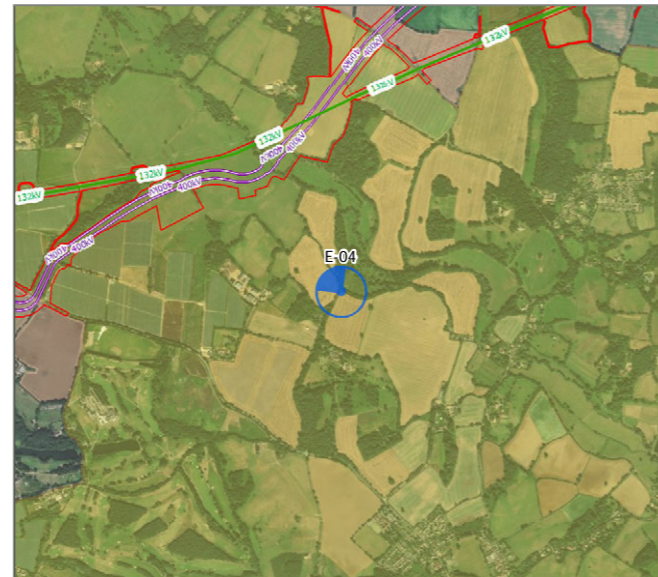
Viewpoint E-04: View from the PRow near Homey Bridge, in the Box Valley

Viewpoint Location Map



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Aerial Photo



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Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

Notes on Viewpoint Location

Grid Reference	598008, 237766 (52.003009, 0.883278)
Approx. Elevation	24m AOD
General Direction of View	NW (322°)
Approx. Distance to the Project	660m to LoD / 620m to Order Limits
Time / Date	10.47 / 27 April 2021
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located in the AONB and represents the views experienced by people living and moving around the dispersed local community and using the local PRow network and The Painters Trail. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

A gap in the hedgerow along Mill Lane affords views across a gently rising arable field bordered by hedgerows with trees. A wood pole line crosses the foreground view, and the wood pole support structures can be glimpsed between the trees. The field rises away from the viewpoint to a mid-ground horizon, which restricts most longer views. Pylons on the existing 132kV and more distant 400kV overhead lines are very noticeable on the skyline. To the right of the pylons, the top of woodland at Beech Hill is just discernible. Due to the distribution of vegetation, there is some seasonal variation, with more of the pylons visible in winter than in summer.

Value of view - **medium**

Supplementary Photos from Viewpoint



New tree planting at Homey Bridge to the right of the view.



View south from the viewpoint along lane towards Stoke Tye.

Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



Description of Effects

Construction Year

Receptors would have mid-range views of the upper parts of the taller equipment used to dismantle the existing 132kV overhead line, but this would only be present at each pylon location for a short period of time and would be substantially obscured by the intervening foreground vegetation particularly in summer when in full leaf. Although closer to the viewpoint, the works to construct the 400kV underground cables and trenchless crossing of the Box Valley would not be visible due to longer views being restricted by the rising landform and vegetation.

For assessment purposes, it is assumed that construction of the trenchless crossing under the Box Valley may include overnight working. This would require night time lighting of the working areas on both sides of the trenchless crossing which may lead to a very small amount of distant skyglow. This is however likely to be an exceptional

and infrequent occurrence.

It is therefore anticipated that the visual change would be adverse, and the magnitude of change would be **negligible**.

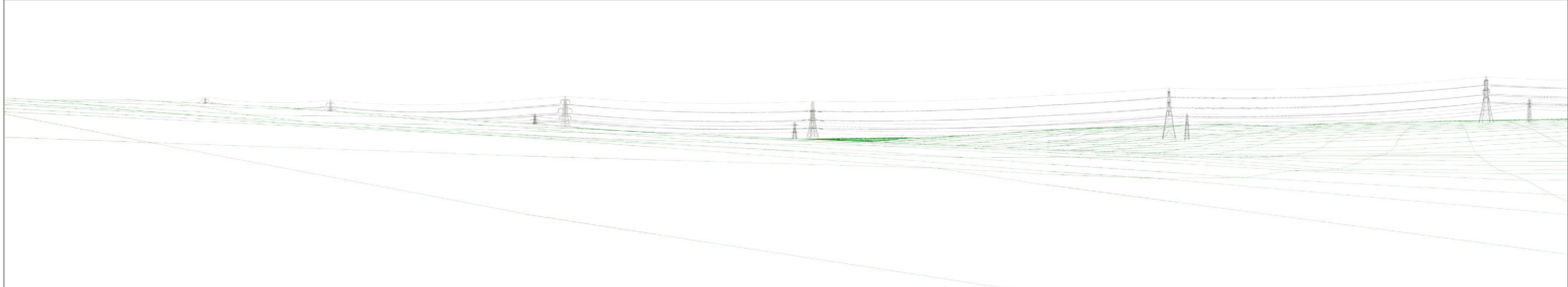
Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line means that only the 400kV pylons would remain visible on the skyline, but these would still be noticeable in what is otherwise a very rural view. It is therefore anticipated that although the change to the view would be beneficial, the magnitude of change would be **small**.

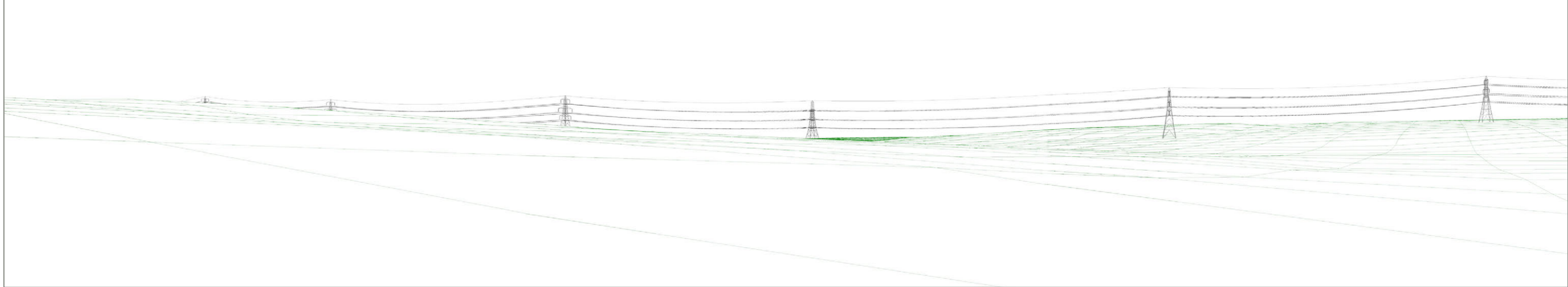
Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line would continue to result in a beneficial change and therefore, the **small** magnitude of visual change described for Year 1 would continue to be experienced by receptors.

Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

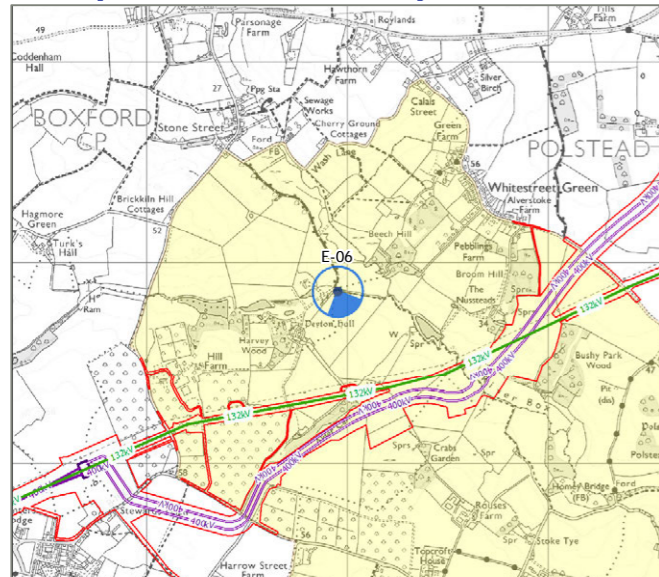


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint E-06: View from PRow to East of Peyton Hall in the Box Valley

Viewpoint Location Map



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Aerial Photo



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Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

Notes on Viewpoint Location

Grid Reference	596952, 238859 (52.013194, 0.868542)
Approx. Elevation	25m AOD
General Direction of View	S (156°)
Approx. Distance to the Project	560m to LoD / 470m to Order Limits
Time / Date	12.59 / 27 April 2021
Weather / Visibility	Clear / Very Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located in the AONB and represents the views experienced by people living and moving around the dispersed local community and users of the local PRow network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

This viewpoint is located within the valley of the River Box in the AONB. The valley side location affords a relatively contained view across a small tributary valley of the River Box. To the centre and right, views are contained in the mid-ground by the rising landform and to the left by trees at Alder Carr. The existing 400kV and more distant 400kV overhead lines cross the view and the pylons are prominent on the skyline. Due to the distribution of vegetation, there is some seasonal variation, with more of the pylons visible in winter than in summer.

Value of view - **high**

Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



Description of Effects

Construction Year

Receptors would have mid-ground views of the dismantling of the existing 132kV overhead line but the works would only be present at each pylon location for a short period of time. Construction of the 400kV underground cables and trenchless crossing of the Box Valley would partially be obscured by the intervening landform, although some construction activities and construction traffic may be perceptible on the skyline. For assessment purposes, it is assumed that construction of the trenchless crossing under the Box Valley may include overnight working. This would require night time lighting of the working areas on both sides of the trenchless crossing which may be visible on the skyline. This is however likely to be an exceptional and infrequent occurrence.

Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **small**.

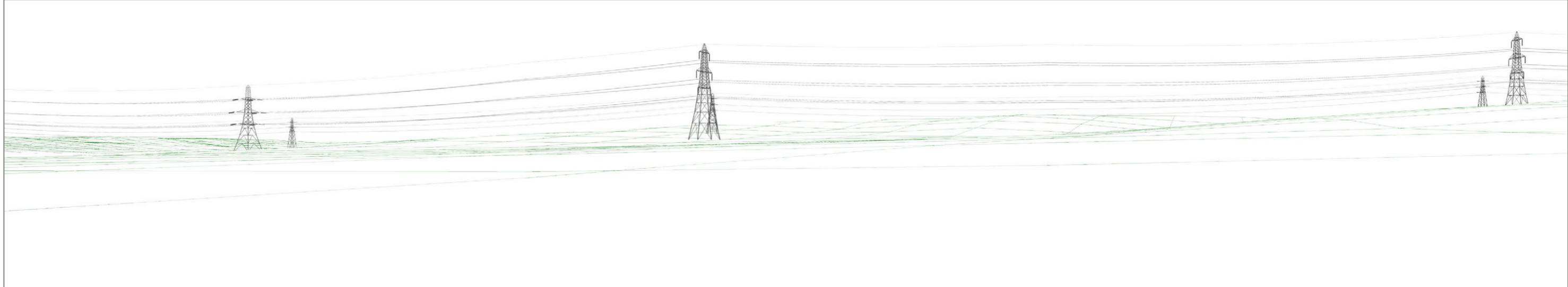
Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line in association with the underground cables/trenchless crossing would remove two pylons from the view, which would result in a beneficial effect. Given that the existing 400kV pylons would still be prominent on the skyline it is anticipated that the magnitude of this visual change would be **medium-small**.

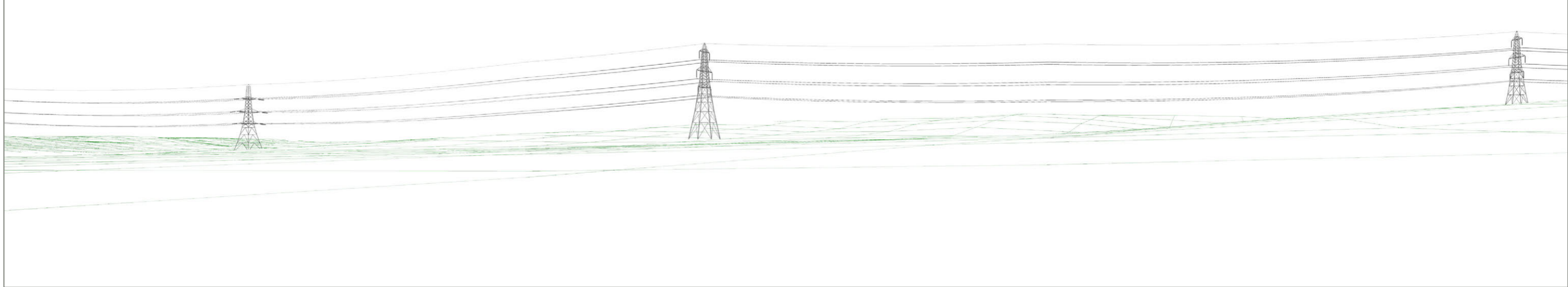
Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line would continue to result in a beneficial change and therefore, the **medium-small** magnitude of change described for Year 1 would continue to be experienced by receptors.

Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

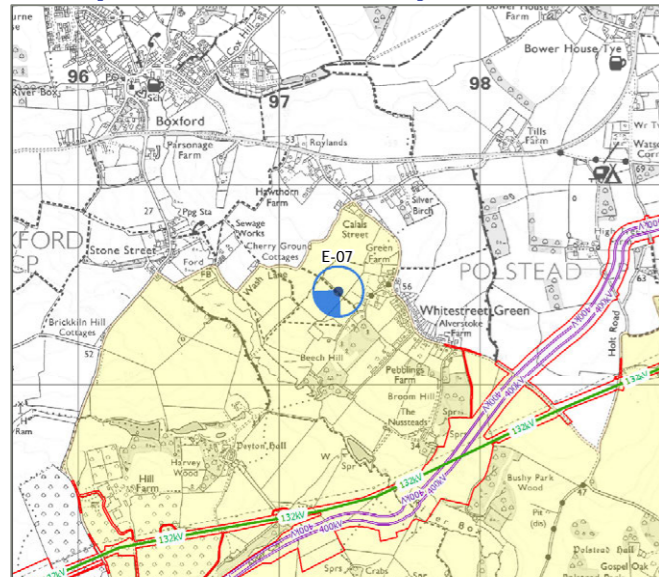


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint E-07: View from the PRow near Whitestreet Green in Dedham Vale AONB

Viewpoint Location Map



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Aerial Photo



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Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

Notes on Viewpoint Location

Grid Reference	597292, 239470 (52.018566, 0.873850)
Approx. Elevation	47m AOD
General Direction of View	SW (223°)
Approx. Distance to the Project	915m to LoD / 590m to Order Limits
Time / Date	13.05 / 27 April 2021
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located in the AONB and represents the views experienced by people living and moving around the north-western edge of Whitestreet Green and users of the local PRow network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The pasture in the foreground slopes steeply away from the viewpoint towards the valley of the River Box where a dwelling in the floor of the valley can be seen in the centre of the view. In the mid-ground, the west side of the valley rises steeply, and the associated farmland has a high coverage of trees and woodland, including Harvey Wood which is visible on the horizon in the centre of the view alongside the buildings and structures associated with Peyton Hall and Hill Farm. Much of the farmland in the mid-ground is within the AONB. The existing 400kV overhead line and tops of pylons on the more distant 132kV overhead line are noticeable on the horizon across the centre of the view but recede into the distance beyond Hill Farm. Due to the distribution of vegetation, there is some seasonal variation, but this has little effect on the visibility of the existing pylons.

Value of view - **high**

Supplementary Photos from Viewpoint



Residential properties on the western edge of Whitestreet Green to the right of the view.

Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



Description of Effects

Construction Year

Receptors would have mid-ground views of the dismantling of the existing 132kV overhead line, but the works would only be present at each pylon location for a short period of time. The works would be perceived as a series of discrete sites across a wide angle of view but because of the intervening distance and presence of vegetation these sites would be inconspicuous. Construction of the 400kV underground cables, trenchless crossing of the Box Valley and Dedham Vale West CSE compound would be obscured by landform and vegetation. For assessment purposes, it is assumed that construction of the trenchless crossing under the Box Valley may include overnight working. This would require night time lighting of the working areas on both sides of the trenchless crossing which may

lead to a very small amount of distant skyglow. This is however likely to be an exceptional and infrequent occurrence.

Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

Operation - Year 1 (Without Mitigation)

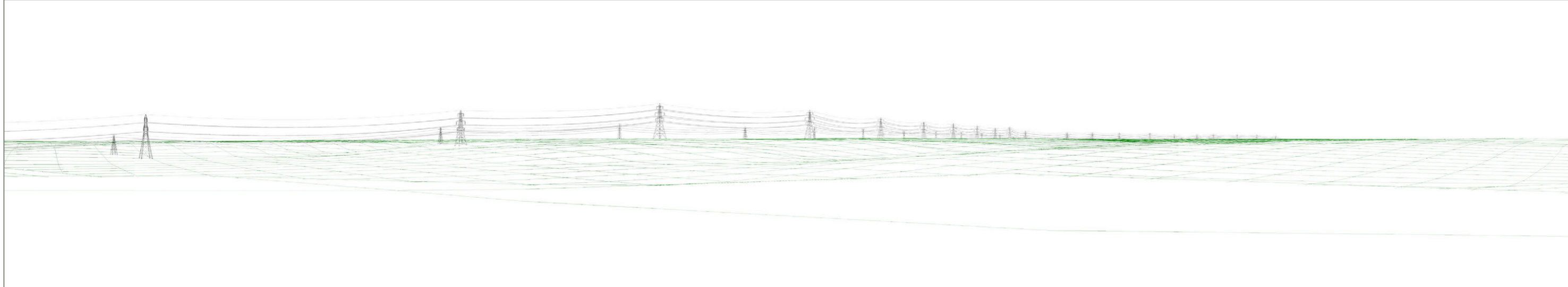
The removal of the existing 132kV overhead line would result in a beneficial change. To the right side of the view, the removal of the existing 132kV overhead line and presence of the new 400kV overhead line along broadly the same alignment means that the larger 400kV pylons would be more noticeable despite being further from the viewpoint. This would result in an adverse change. On balance, given that the existing 400kV pylons would still be present across the view and due to the distance and presence of intervening vegetation

it is anticipated that the change to the view would be beneficial and the magnitude of change would be **small**.

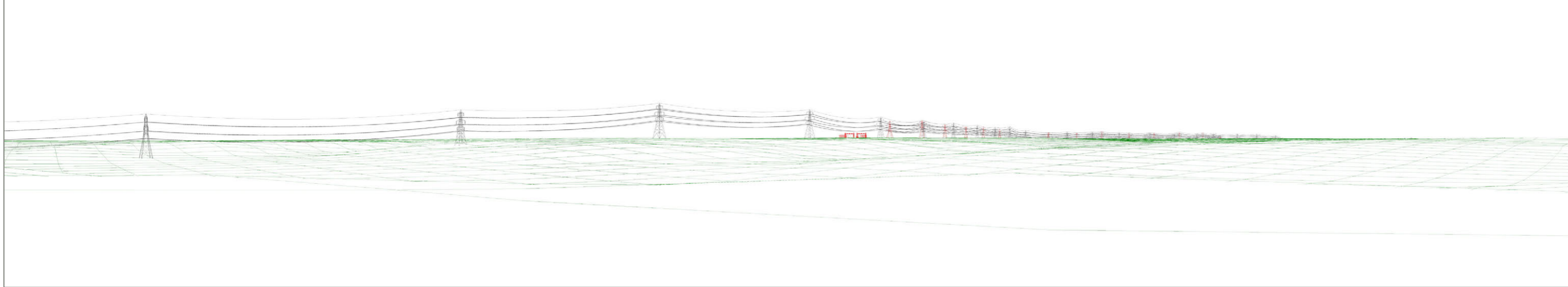
Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line across the left side of the view would continue to result in a beneficial change and therefore, the **small** magnitude of visual change described for Year 1 would continue to be experienced by receptors.

Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

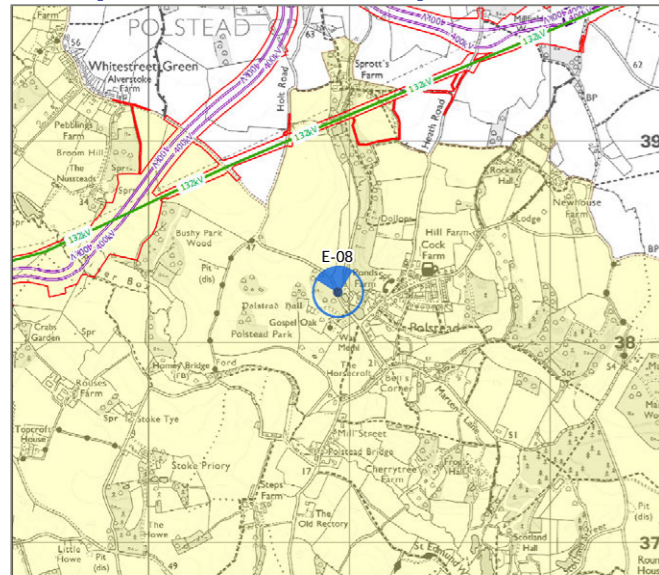


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



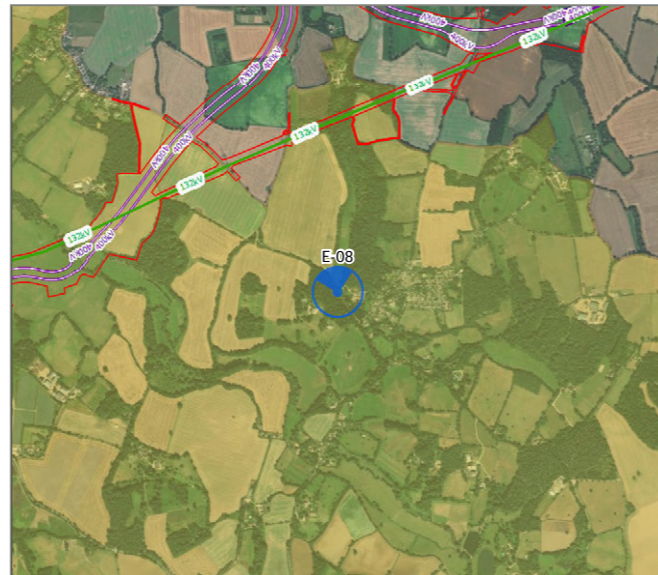
Viewpoint E-08 : View from Holt Road on the North-West edge of Polstead

Viewpoint Location Map



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Aerial Photo



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, Esri, HERE, DeLorme, TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

Notes on Viewpoint Location

Grid Reference	598942, 238254 (52.007052, 0.897149)
Approx. Elevation	30m AOD
General Direction of View	N (347°)
Approx. Distance to the Project	1035m to LoD / 735m to Order Limits
Time / Date	12.51 / 27 April 2021
Weather / Visibility	Clear / Very Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

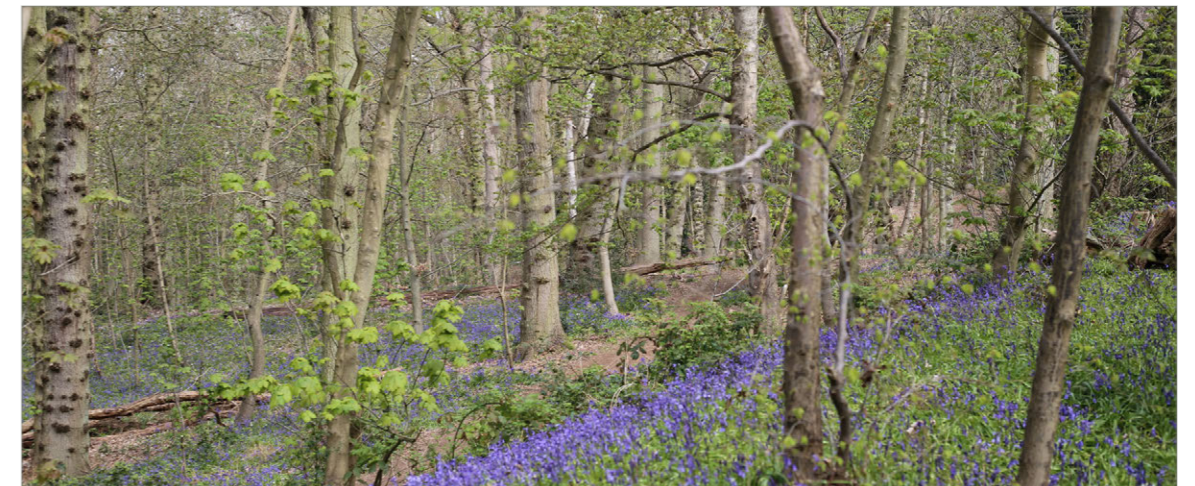
This viewpoint is located within the AONB and represents the views experienced by people using The Painters Trail, people living and moving around the local community on the north-east edge of Polstead and moving around the area between Polstead and the A1071. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The small rolling pastures in the foreground rise away from the viewpoint and are bordered to the right by Dollops Wood, and to the left of the road by woodland associated with Polstead Hall. The existing 400kV overhead line crosses the view with the lower parts of the pylons and the existing 132kV pylons obscured by the intervening landform, vegetation and road signage. The 132kV pylon are visible to people travelling along the road, the top sections appearing above the landform. Due to the distribution of vegetation, general visibility is greater in winter than in summer, although this has little effect on the prominence of the pylons.

Value of view - **high**

Supplementary Photos from Viewpoint



Dollops Wood is a popular location for the community with a network of footpaths. This photo is taken within the woodland to the right of the view.

Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



Description of Effects

Construction Year

Receptors would have mid-ground views of the upper parts of the taller equipment used to dismantle the existing 132kV overhead line, but this would only be present at each pylon location for a short period of time. Works to construct the 400kV underground cable would not be visible due to the intervening landform. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line means that only the 400kV pylons would remain visible on the skyline, but these would still be very noticeable in what is otherwise a very rural view. It is therefore anticipated that the change to the view would be beneficial, and the magnitude of change would be **small**.

Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line would continue to result in a beneficial change and therefore, the **small** magnitude of visual change described for Year 1 would continue to be experienced by receptors.

Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)

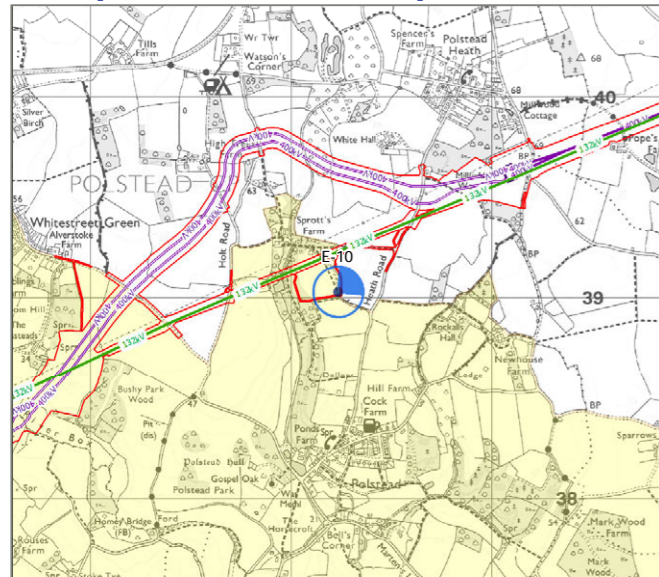


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint E-10: View from the PRow at the edge of Dedham Vale AONB, near Dollops Wood

Viewpoint Location Map



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Aerial Photo



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, Esri, HERE, DeLorme, TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

Reasons for Selection

- Local Community
- Road Network
- National Cycle Network
- Local Cycle Route
- National/Regional Trail
- Public Right of Way
- Landscape Designation
- Heritage Asset
- Promoted Viewpoint

Notes on Viewpoint Location

Grid Reference	599232, 239033 (52.013948, 0.901830)
Approx. Elevation	60m AOD
General Direction of View	NE (050°)
Approx. Distance to the Project	535m to LoD / 15m to Order Limits
Time / Date	11.34 / 27 April 2021
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located on the northern edge of the AONB and represents the views experienced by people using the local PRow near Dollops Wood. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The large arable field in the foreground rises gently into the mid-ground where Millfield Wood and woodland around Rockalls Hall restricts longer views. The existing 132kV and more distant 400kV overhead lines are a noticeable skyline element particularly to the left of the view where a 400kV pylon is visible in the foreground. Due to the distribution of vegetation, general visibility is greater in winter than in summer, although this has little effect on the prominence of the pylons.

Value of view - **high**

Supplementary Photos from Viewpoint



View north-west from the viewpoint along footpath towards Sprott's Farm.

Photograph of Existing Landscape from Viewpoint (90 Degree Field of View)



Millfield Wood

Description of Effects

Construction Year

This viewpoint is located on the north edge of the AONB on the edge of the Order Limits and a 4m temporary access route. Receptors would have views of the dismantling of the existing 132kV overhead line. Although the works would only be present at each pylon location for a short period of time, because of the stacking effect created by the orientation of the viewpoint this would be less apparent. Movement of vehicles and plant along the 4m temporary access route would be noticeable to the left of the view. Construction of the 400kV underground cables and trenchless crossing of the Box Valley would be partially screened by the intervening vegetation. Some vegetation loss maybe perceptible. Construction of Dedham Vale East CSE compound would be visible towards the centre of the view near Millfield Wood, although most of the works would be filtered by

the intervening vegetation. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **medium**.

Operation - Year 1 (Without Mitigation)

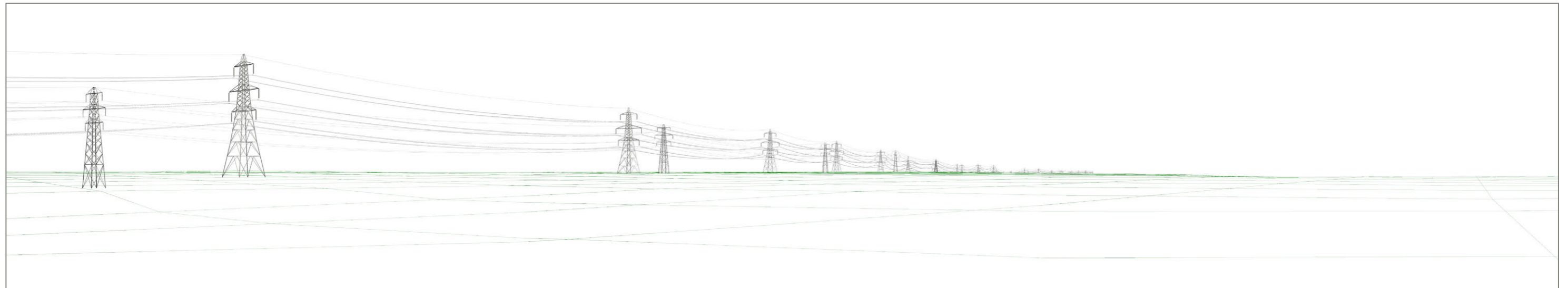
The removal of the existing 132kV overhead line in association with the underground cables/trenchless crossing would reduce the number of pylons present in the view, which would result in a beneficial change. However, at Year 1 the reinstatement planting along the former construction corridor for the underground cables and embedded planting around Dedham Vale East CSE compound near Millfield Wood would be too immature to provide any screening or visual integration of either the corridor or the CSE compound. To the centre-right of the view, the removal of the existing 132kV overhead line and presence of the new 400kV overhead line along broadly the

same alignment means that the larger 400kV pylons would be more noticeable despite being further from the viewpoint. On balance it is anticipated that the change to the view would be beneficial and the magnitude of change would be **small**.

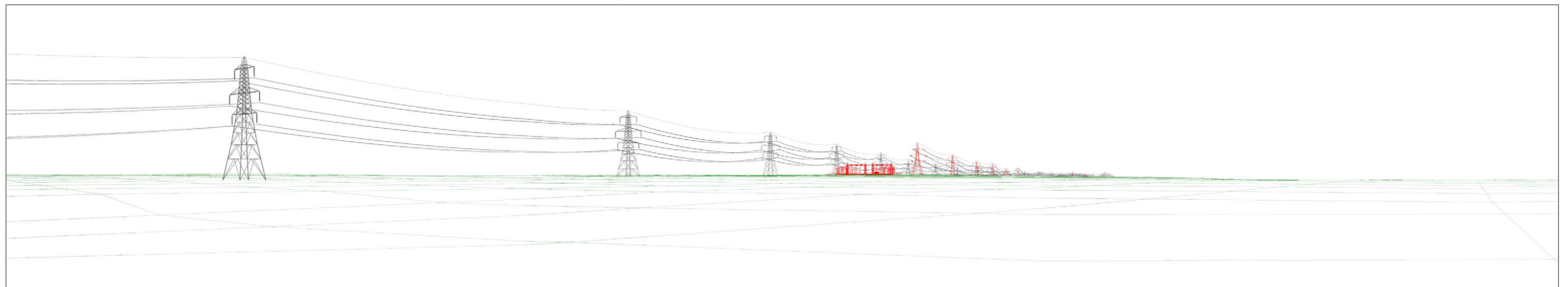
Operation - Year 15 (With Mitigation)

Once the reinstatement planting begins to mature at Year 15, it is anticipated that the former construction corridor within the LoD would be visually integrated with the surrounding landscape. Views of the Dedham Vale East CSE compound would be obscured or heavily filtered by the maturing embedded planting. The benefits of removing the existing 132kV overhead line would continue to outweigh the presence of larger 400kV pylons in the distance across the centre-right of the view. The magnitude of beneficial change would increase to **medium**.

Baseline Wireline Showing Existing Overhead Lines (90 Degree Field of View)



Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



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