

Bramford to Twinstead Reinforcement

Volume 6: Environmental Information

Document 6.3.6.4.1 (B) : ES Appendix 6.4 Viewpoint Assessment Section AB Part 1

Final Issue B
November 2023

Planning Inspectorate Reference: EN020002

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

Version History			
Date	Issue	Status	Description / Changes
April 2023	A	Final	For DCO submission
November 2023	B	Final	Corrected orientation of viewpoint AB-01 wireline from 225° to 192° in response to the Examining Authority’s First Written Questions [PD-005] written question LV1.9.11.

Contents

Introduction	1	
Viewpoint Location Map	3	
Viewpoint Assessment Sheets - Section AB: Bramford/Hintlesham	4	
AB2.2: View from the Public Right of Way (PRoW) near Valley Farm Lodge by the A1071	4	AB-01: View Looking South from the PRoW on Burstall Lane, near Hill Farm 36
AB2.4: View from the PRoW at Fidgeon’s Farm, to the South of Bullen Lane	6	AB-02: View Looking North from Burstall Lane Towards Bramford Substation 38
AB2.5: View from the PRoW at Washbrook	8	AB-03: View from Church Hill, Looking South-West Towards Hintlesham 40
AB2.6: View from Church Lane, to the West of Copdock	10	AB-04: View from PRoW near Mill Farm at Hintlesham 42
AB2.11: View from Tye Lane, near Tye Farm	12	AB-05: View Looking South from the Edge of Hintlesham 44
AB2.13: View from the PRoW at Longlands Barn, near Chattisham	14	AB-06: View Looking North from Chattisham Lane 46
AB2.17: View from the PRoW Adjacent to Flowton Road at Flowton	16	AB-07: View Looking West from Clay Hill 48
AB2.18: View from the PRoW near Camperdown Cottage	18	AB-08: View from the A1071, near Norman’s Farm 50
AB2.21: View from the PRoW near Wenham Grange on Brook Lane	20	AB-09: View from Woodlands Road, to the West of Chattisham 52
AB2.25: View from the PRoW near Gate Farm, near Spinney Hill	22	AB-10: View from the PRoW to the South of the A1071, near Cobbold’s Farm 54
AB2.26: View from the PRoW near Covey Cottages	24	AB-11: View from the PRoW near the Business Park on Pond Hall Road 56
AB2.27: View from the PRoW Adjacent to the Lane between Elmsett Gate and Willowbrook	26	AB-12: View from the Junction of Hook Lane and Pond Hall Road 68
AB2.29: View from the PRoW to South-East of Elmsett	28	AB-13: View from the Eastern end of Hadleigh Railway Walk 60
AB2.30: View from the PRoW at Aldham Priory	30	AB-14: View from the PRoW off Pond Hall Road, near Pond Hall Farm 62
AB2.34: View from The Street, to the North of Aldham	32	AB-15: View from the PRoW Linking to Hadleigh Railway Walk 64
AB2.35: View from the PRoW off the A1071, to the East of Hadleigh	34	AB-16: View from the PRoW to the Rear of Properties in Chattisham 66
		AB-17: View from the PRoW on the Southern Edge of Hadleigh 68
		AB-18: View Looking South from Flowton Road, near Rhodds’s Farm 70
		AB-19: View from Flowton, near St Mary’s Church 72
		AB-20: View Looking West from Hintlesham Hall 74
		AB-21: View from the PRoW North of Hintlesham Hall 76
		AB-22: View from the PRoW on the Northern Edge of Hintlesham 78
		AB-23a: View from Pond Hall Road, near Hadleigh Bee Farm 80
		AB-23b: View from Pond Hall Road, South of Hintlesham Woods 82
		AB-24: View from the PRoW Between Hintlesham Great Wood and Hintlesham 84

Page intentionally blank

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 (this document);
- Section C: Brett Valley;
- Section D: Polstead;
- Section E: Dedham Vale Area of Outstanding Natural Beauty (AONB);
- 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**).

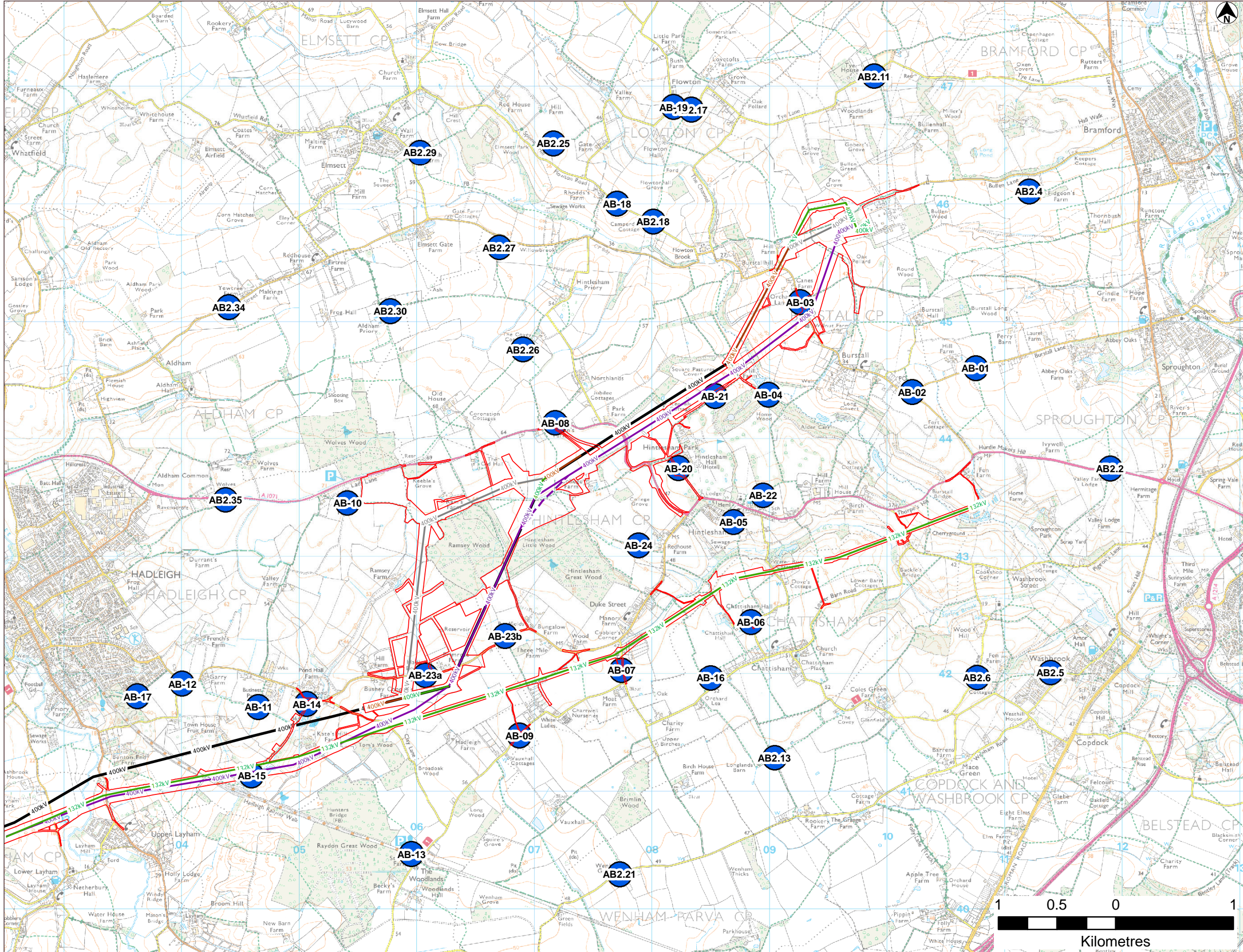
The wirelines presented in this appendix have been produced to illustrate the predicted level of change in views and support the assessment process. As the existing 400kV overhead line to be retained and the 132kV overhead line to be removed are integral parts of the baseline, they have been included 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.












Page intentionally blank

Viewpoint Location Map - Section AB: Bramford/Hintlesham



Reproduced from Ordnance Survey Maps by
permission of the Ordnance Survey on behalf of
the Controller of her Majesty's Stationery Office.
© Crown Copyright Ordnance Survey, Licence
no. 0100052046

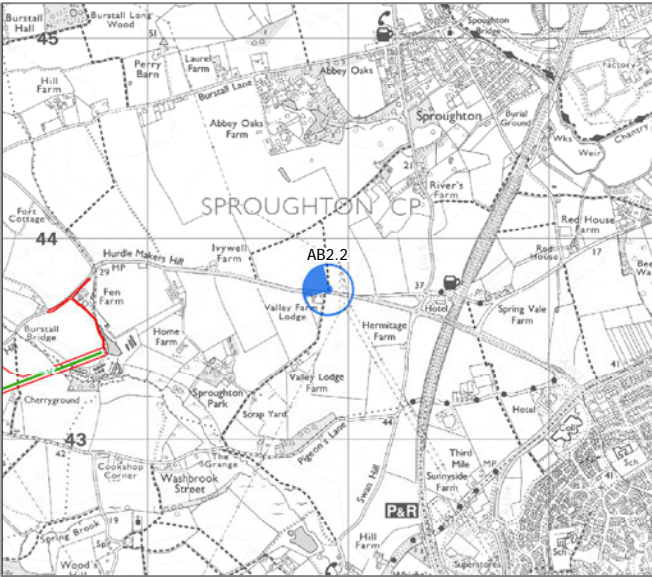
KEY:

- |  | Viewpoint Location |
|---|--|
|  | Order Limits |
| 400kV  | Existing 400kV overhead line |
| 400kV  | Proposed Modification to 400kV overhead line |
| 400kV  | Proposed Realignment of existing 400kV overhead line |
| 400kV  | Proposed Removal of 400kV overhead line |
| 132kV  | Proposed Removal of 132kV overhead line |
| 400kV  | Proposed 400kV overhead line |
| 400kV  | Temporary 400kV overhead line |

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 AB2.2: View from the Public Right of Way (PRoW) near Valley Farm Lodge, by the A1071

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	611897, 243750 (52.051606, 1.089024)
Approx. Elevation	45m Above Ordnance Datum (AOD)
General Direction of View	W (300°)
Approx. Distance to the Project	2800m to Limits of Deviation (LoD) / 1140m to Order Limits
Time / Date	15.12 / 22 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 Gipping Valley Special Landscape Area (SLA) and represents the views experienced by people living and moving around the dispersed community to the west of the A14 near Ipswich and people using the PRoW network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The large arable field to the right of the A1071 is bordered by sparse hedgerows with occasional hedgerow trees. The field extends into the mid-ground where it visually integrates into an area of gently rolling arable fields. Dispersed dwellings and farm buildings, including houses on Burstall Lane are seen against a low wooded backdrop. Multiple 132kV and 400kV overhead lines converge on Bramford Substation and create a cluster on the skyline, although the substation is obscured by Burstall Long Wood and Round Wood. The existing 400kV pylon line crosses the centre of the view with pylons variably obscured by the intervening vegetation. In summer, the screening afforded by the hedgerows and trees in the mid-ground increases but has little effect on the visibility of the existing pylons. The prominence of the pylons to the centre and left of the view, remain largely unchanged.

Value of view - **medium**

Supplementary Photos from Viewpoint



Multiple overhead lines are present in the view to the south-west of the viewpoint.

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



Description of Effects

Construction Year

Receptors would have distant views of the upper parts of the taller equipment used to construct the new 400kV overhead line and modify/realign the existing 400kV overhead line close to Bramford Substation 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. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **small**.

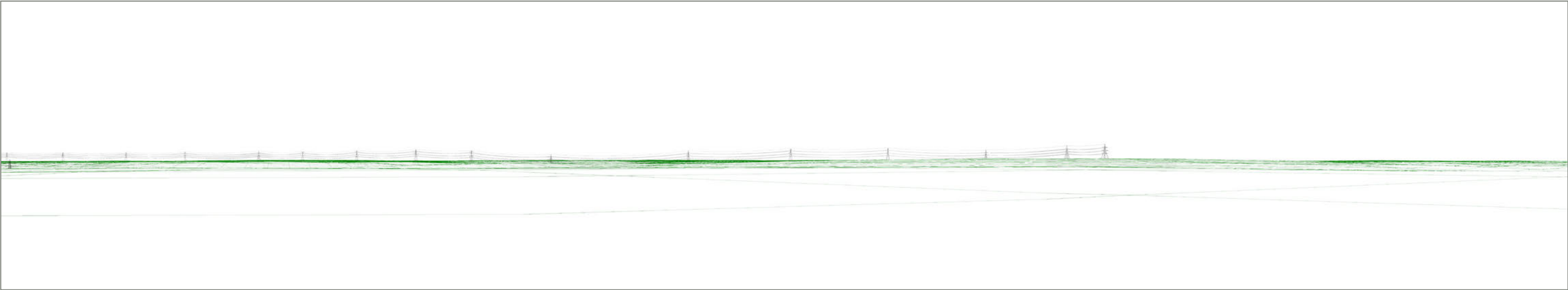
Operation - Year 1 (Without Mitigation)

The modification/realignment of the existing 400kV overhead line close to Bramford Substation means that some of the pylons would be in a slightly different location but, given the distance, this would not be very noticeable. The new 400kV overhead line would introduce new pylons into the view. These would be closer to the viewpoint than those on the existing 400kV overhead line, which means that the pylons would appear larger and more noticeable than the existing, particularly to the right of the view around Bramford Substation where there is less screening vegetation. Given however that multiple existing pylons are currently present across the view and due to the distance, it is anticipated that the magnitude of adverse visual change would be **medium-small**.

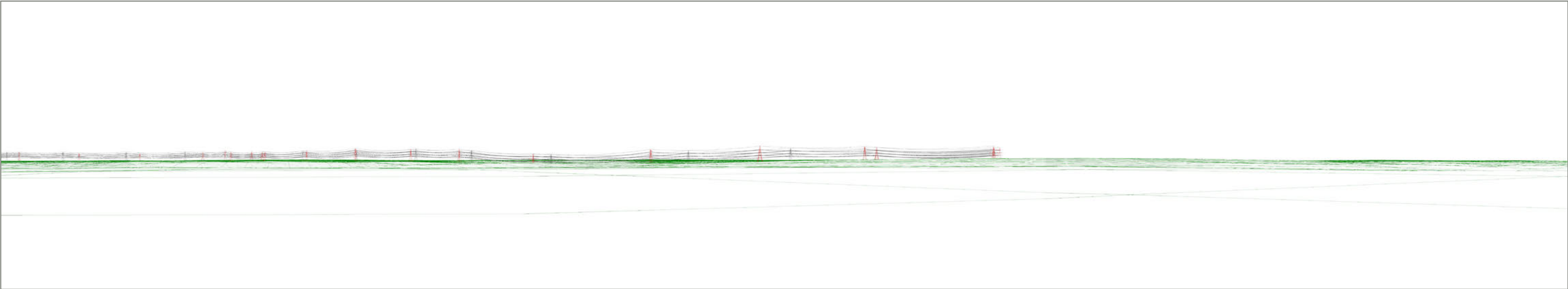
Operation - Year 15 (With Mitigation)

The increase in the number of pylons in the view would continue to result in an adverse 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)

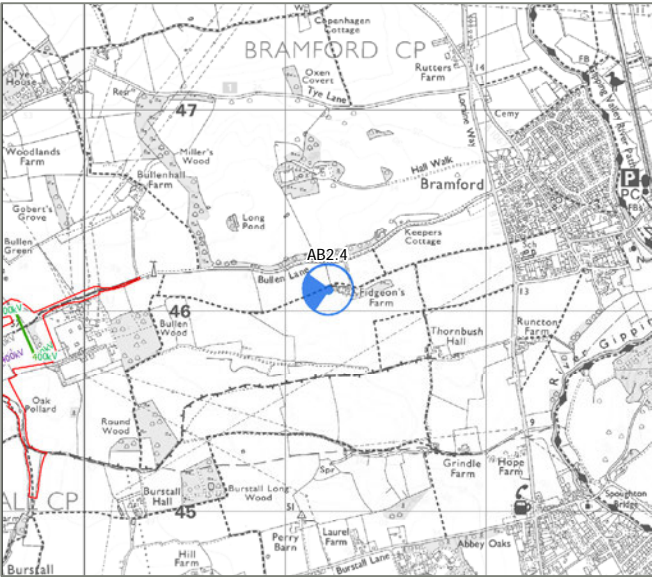


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB2.4: View from the PRow at Fidgeon’s Farm, to the South of Bullen Lane

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	611211, 246108 (52.073036, 1.080488)
Approx. Elevation	39m AOD
General Direction of View	W (260°)
Approx. Distance to the Project	1585m to LoD / 935m to Order Limits
Time / Date	09.38 / 4 March 2022
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint represents the views experienced by people living and moving around the dispersed community to the west of Bramford and users of the local PRow network around Bramford Substation. 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 views are contained by trees and a small block of woodland on the field boundary. Woodland alongside Bullen Lane contains views to the right of the view whilst to the left of the view, an intermittent hedgerow with trees affords longer views over arable farmland. Multiple 132kV and 400kV overhead lines converge on Bramford Substation which is obscured by the woodland in the mid-ground. A cluster of pylons and the telecommunications tower next to Bullen Lane mark the location of the substation. 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



To the right of the viewpoint a large farm building contains views.



To the left, a number of 132kV overhead lines are visible as they converge on Bramford Substation.

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



Description of Effects

Construction Year

Receptors would have distant views of the upper parts of the taller equipment used to construct the new 400kV overhead line and modify/realign the existing 400kV overhead line close to Bramford Substation but this would only be present at each pylon location for a short period of time. The works would be focussed on the centre-right of the view but because of the intervening distance and presence of vegetation, would be relatively inconspicuous. Due to the distance and presence of intervening vegetation, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

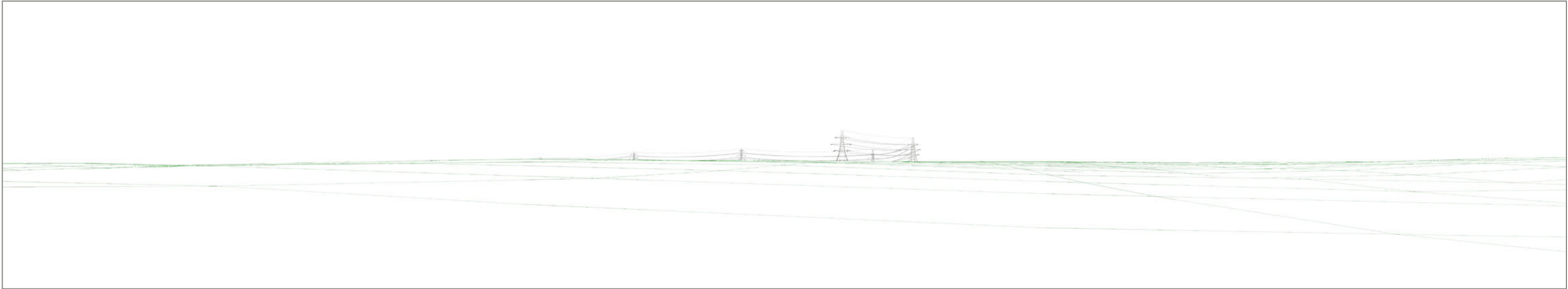
Operation - Year 1 (Without Mitigation)

The modification/realignment of the existing 400kV overhead line close to Bramford Substation means that some of the pylons would be in a slightly different location but, given the distance, this would not be very noticeable. The new 400kV overhead line would increase the number of pylons in the cluster close to the substation which would result in an adverse change to the view. Given however that pylons are part of the baseline character and due to the distance and screening afforded by the intervening vegetation, it is anticipated that the magnitude of adverse visual change would be **negligible**.

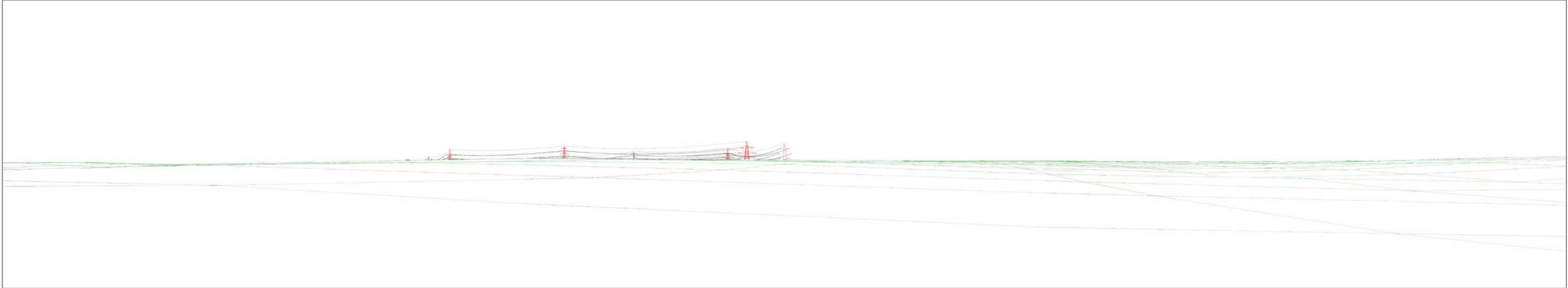
Operation - Year 15 (With Mitigation)

The increase in the number of pylons would continue to result in an 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)

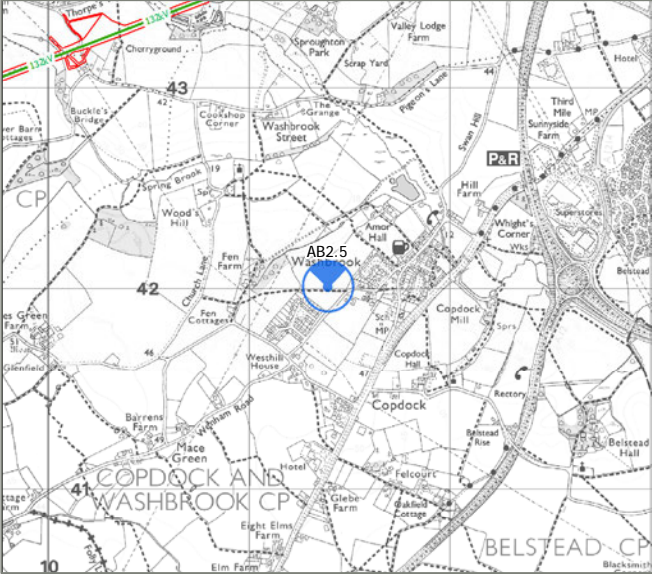


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



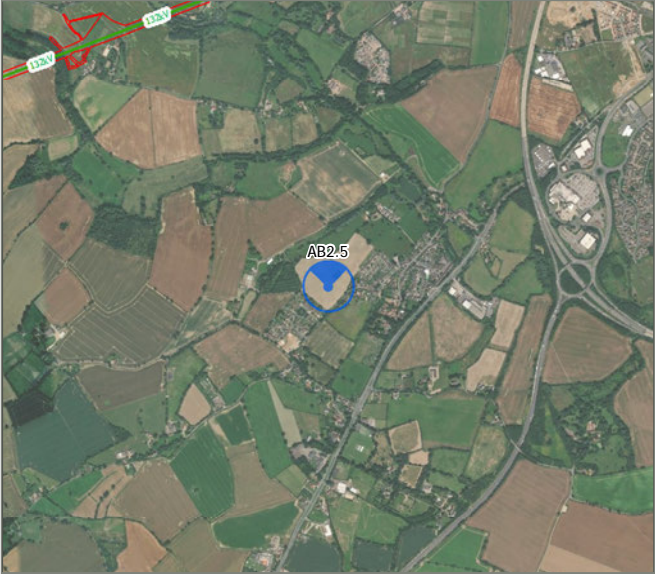
Viewpoint AB2.5: View from the PRow at Washbrook

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	611391, 242012 (52.036195, 1.080574)
Approx. Elevation	41m AOD
General Direction of View	NW (359°)
Approx. Distance to the Project	3615m to LoD / 1535m to Order Limits
Time / Date	11.58 / 28 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 Gipping Valley SLA and represents the views experienced by people living and moving around the community of Washbrook and users of the local PRow network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The large rolling pasture in the foreground initially slopes gently away from the viewpoint before inclining more steeply into a small wooded tributary valley of Belstead Brook, which foreshortens much of the mid-ground with only the tops of trees along the brook visible. To the left and centre of the view, the gently rolling farmland with dispersed dwelling and farm buildings continues into the background. Bramford Substation and a cluster of pylons can be seen on the distant horizon next to Burstall Long Wood in the centre of the view. The existing 132kV overhead line crosses the mid-ground with the lower parts of the pylons variably obscured by the intervening vegetation. Beyond this but seen against a backdrop of landform and therefore inconspicuous is a second 132kV overhead line. To the right of the view, two parallel 132kV overhead lines cross the view and form a cluster on the skyline near Valley Lodge Farm where they converge with two more 132kV overhead lines. Due to the extent of vegetation, there are seasonal variations, with more of the pylons being obscured in summer than in winter.

Value of view - **medium**

Supplementary Photos from Viewpoint



Woodland limits more distant views to the left of the viewpoint.



The roofs of houses at Washbrook can be seen to the right of the viewpoint.

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



Description of Effects

Construction Year

Receptors would have distant views of the upper parts of the taller equipment used to construct the new 400kV overhead line and modify/realign the existing 400kV overhead line close to Bramford Substation but this would only be present at each pylon location for a short period of time. The works would be focussed to the left of Burstall Long Wood but because of the intervening distance and presence of vegetation, would be relatively inconspicuous. More noticeable would be the dismantling of the existing 132kV overhead line in the mid-ground. The works would be perceived as a series of discrete sites across the view but, because of the landform and high coverage of trees and woodland, the sites would be inconspicuous. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **small**.

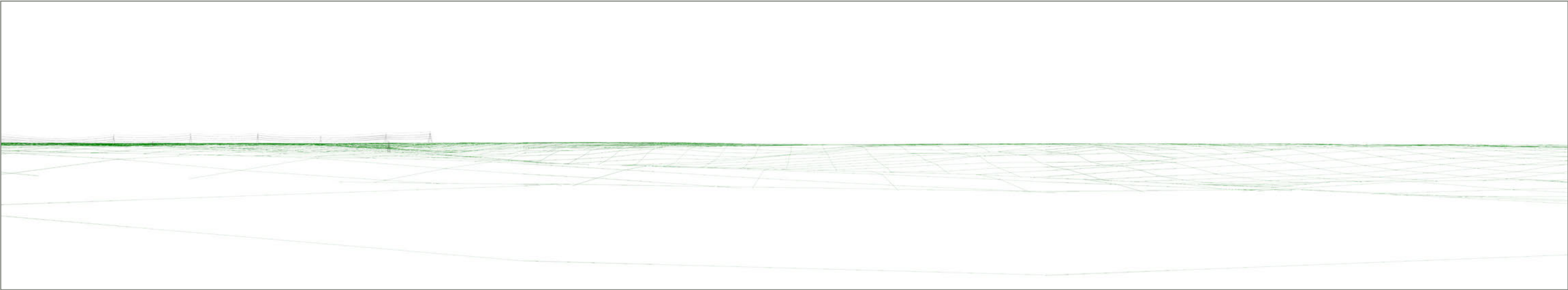
Operation - Year 1 (Without Mitigation)

The modification/realignment of the existing 400kV overhead line close to Bramford Substation means that some of the pylons would be in a slightly different location but, given the distance, this would not be very noticeable. The new 400kV overhead line would be closer to the viewpoint than the existing 400kV overhead line. More pylons would potentially be seen on the distant skyline but would not be a prominent or uncharacteristic element and would be partially obscured by vegetation. The absence of the 132kV pylons in the mid-ground would result in a beneficial change but this change would not be pronounced as the existing 132kV pylons are not very noticeable due to their being partially obscured by the intervening landform and vegetation. On balance, it is anticipated that the overall change would be beneficial, and the magnitude of visual change would be **small**.

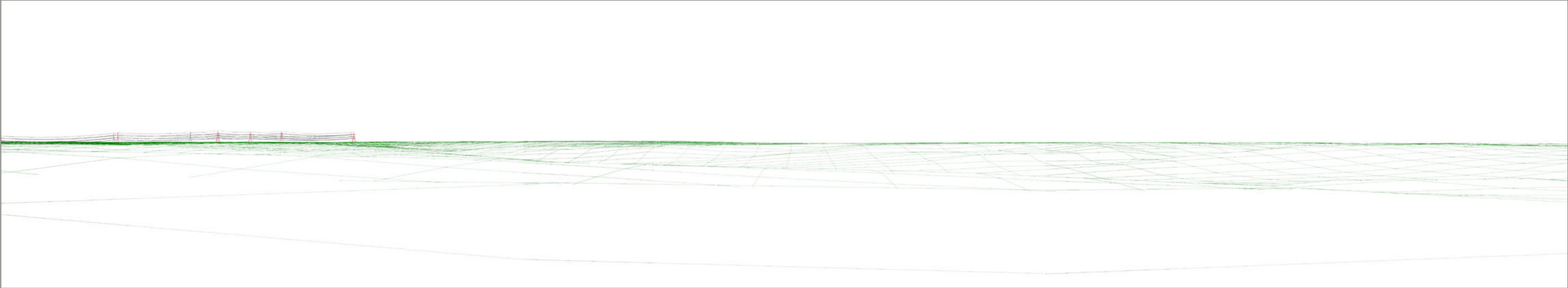
Operation - Year 15 (With Mitigation)

The reduction in the number of pylons in the mid-ground 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)

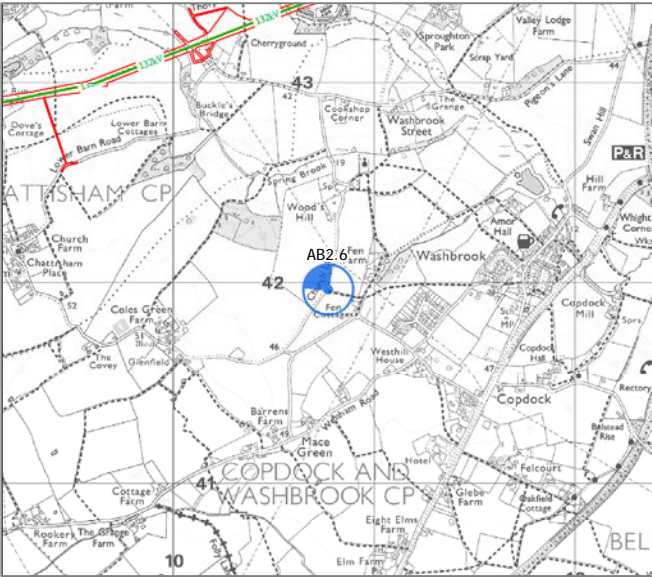


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB2.6: View from Church Lane, to the West of Copdock

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	610768, 241968 (52.036038, 1.071481)
Approx. Elevation	45m AOD
General Direction of View	NW (321°)
Approx. Distance to the Project	3270m to LoD / 1295m to Order Limits
Time / Date	16.36 / 28 March 2022
Weather / Visibility	Hazy / Moderate
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located within the Gipping Valley SLA and represents the views experienced by people using the local PRow network. These receptors are of **medium** susceptibility to the project.

Description of Visual Baseline

The large arable field in the foreground is bordered by hedgerows with trees, with Church Lane to the right of the view. In the centre of the view, woodland at Wood’s Hill contains longer views. To either side of this woodland, the farmland becomes more rolling with dispersed dwellings and farm buildings. To the left of the woodland the tops of the existing 132kV overhead line can be discerned on the distant horizon, whilst to the right of the woodland, multiple converging 132kV overhead lines form a cluster of pylons on the skyline. Due to the extent of vegetation, there are seasonal variations, with more of the pylons being obscured in summer than in winter.

Value of view - **medium**

Supplementary Photos from Viewpoint



To the west of the viewpoint, the landform and hedgerows contain longer views.



To the north of the viewpoint, vegetation around Wood’s Hill filters views.

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. There would also be distant views of the works to construct the new 400kV overhead line and modify/realign the existing 400kV overhead line close to Bramford Substation. Due to the intervening distance and presence of vegetation, the works would be relatively inconspicuous. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

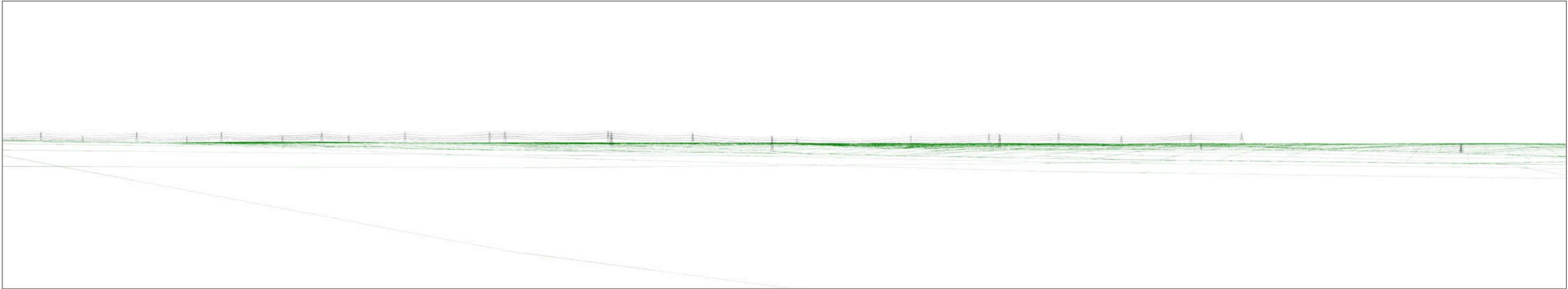
Operation - Year 1 (Without Mitigation)

The modification/realignment of the existing 400kV overhead line close to Bramford Substation means that some of the pylons would be in a slightly different location but, given the distance, this would not be very noticeable. The new 400kV overhead line would be slightly closer to the viewpoint than the existing 400kV overhead line, which means that the pylons would appear larger and more noticeable than the existing, resulting in an adverse change. The absence of the 132kV pylons in the mid-ground would result in a beneficial change but this change would not be pronounced as the existing 132kV pylons are not very noticeable due to their being partially obscured by the intervening landform and vegetation. On balance, it is anticipated that the overall change would be beneficial, and the magnitude of visual change would be **negligible**.

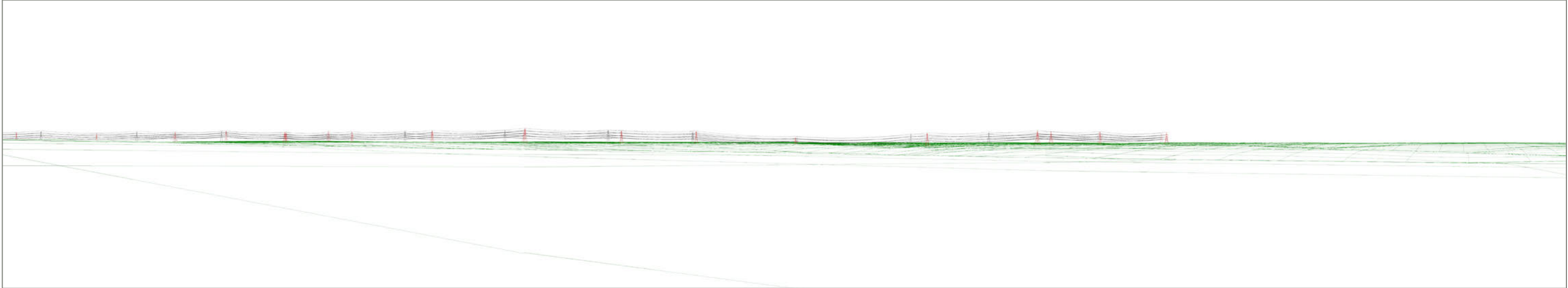
Operation - Year 15 (With Mitigation)

The removal of the 132kV overhead line and presence of the new but more distant 400kV overhead line would continue to result in an overall beneficial 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)

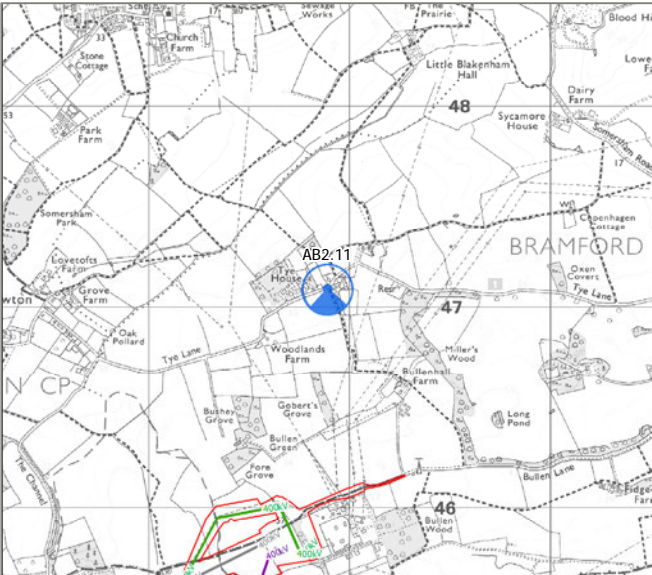


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB2.11: View from Tye Lane, near Tye Farm

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	609889, 247089 (52.082347, 1.061836)
Approx. Elevation	55m AOD
General Direction of View	SW (177°)
Approx. Distance to the Project	1230m to LoD / 980m to Order Limits
Time / Date	16.47 / 22 April 2021
Weather / Visibility	Clear / Very Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

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

Description of Visual Baseline

Views across the gently rolling farmland are dominated by overhead line infrastructure as multiple 132kV and 400kV overhead lines converge on Bramford Substation which is visible in the mid-ground. Field boundary trees and woodlands including Gobert's Grove, Bushey Grove and Bullen Wood, partially obscure some of the pylons in the centre of the view but a wood pole line and the telecommunications tower near Bullen Lane add to the overall clutter of vertical structures on the skyline. 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 - **low**

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



Description of Effects

Construction Year

Receptors would have mid-ground views of the works to construct the new 400kV overhead line and modify/realign the existing 400kV overhead line close to Bramford Substation. Due to the openness of the view, the construction activities would be very noticeable but would not uncharacteristic in this location and would only be present at each pylon location for a short period of time. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **medium-small**.

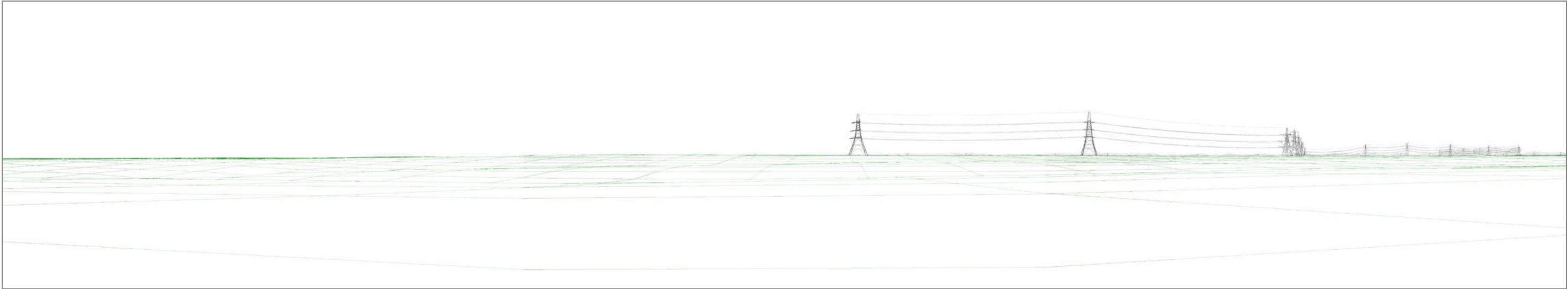
Operation - Year 1 (Without Mitigation)

The modification/realignment of the existing 400kV overhead line close to Bramford Substation means that some of the pylons would be in a slightly different location but this would not be very noticeable. The presence of the new 400kV overhead line means that there would be additional pylons in the cluster around Bramford Substation and across the right side of the view. Although the visual change would be adverse, given that pylons currently dominate the view, it is anticipated that the magnitude of visual change would be **medium-small**.

Operation - Year 15 (With Mitigation)

The increase in the number of pylons in the view would continue to result in an adverse 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)

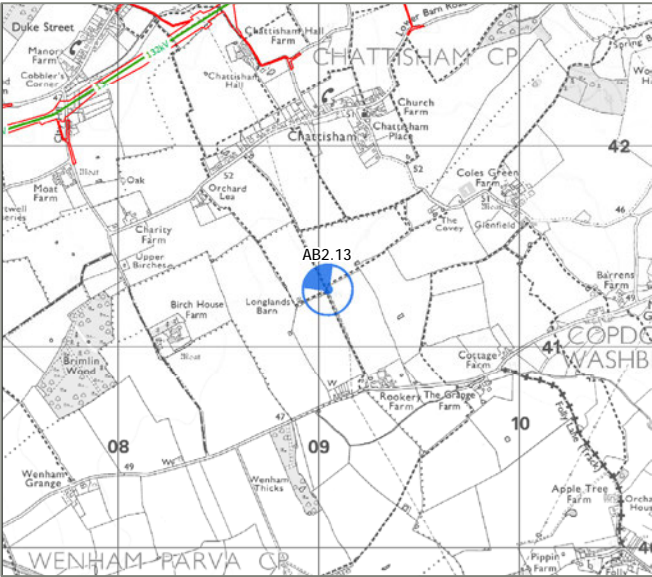


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB2.13: View from the PRow at Longlands Barn, near Chattisham

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	609044, 241287 (52.030576, 1.045970)
Approx. Elevation	49m AOD
General Direction of View	N (323°)
Approx. Distance to the Project	2800m to LoD / 1115m to Order Limits
Time / Date	10.19 / 8 March 2022
Weather / Visibility	Overcast / Very Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint represents the views experienced by people living and moving around the dispersed community between Chattisham and Copdock and people using the local PRow network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The large arable field in the foreground is bordered by hedgerows which contain most longer views although dwellings along The Street at Chattisham can just be discerned between the trees and Hintlesham Wood forms the distant horizon in the centre of the view. The most prominent feature is a double wood pole line which follows an informal footpath across the field. The existing 400kV pylon is noticeable on the distant skyline between the trees. Occasional pylons on the existing 132kV overhead line can be discerned in mid-range views but are mainly obscured by the high coverage of trees. 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 in spring illustrating how the leaf cover filters views towards Chattisham but longer distance towards Hintlesham Woods remain.

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

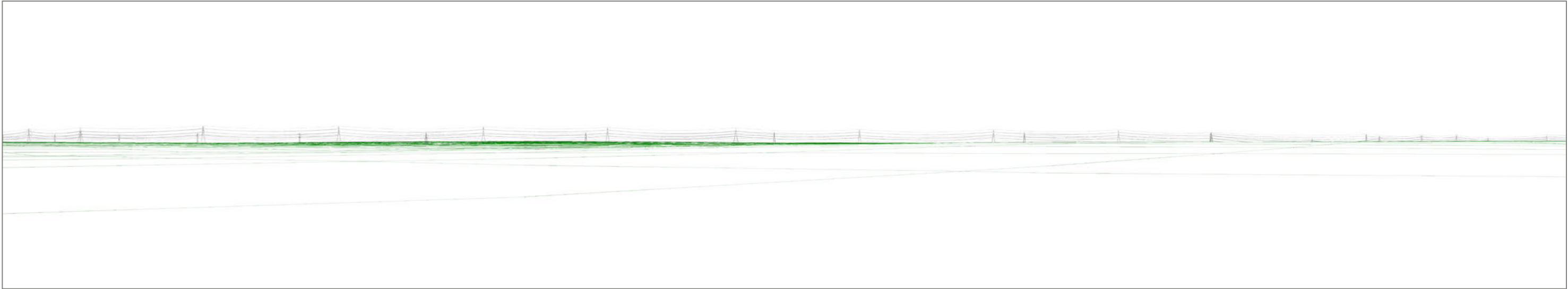
Operation - Year 1 (Without Mitigation)

The absence of the 132kV pylons in the mid-ground would result in a beneficial change but this change would not be pronounced as the existing 132kV pylons are not very noticeable due to their being partially obscured by the intervening landform and vegetation. It is therefore anticipated that the magnitude of visual change would be **small**.

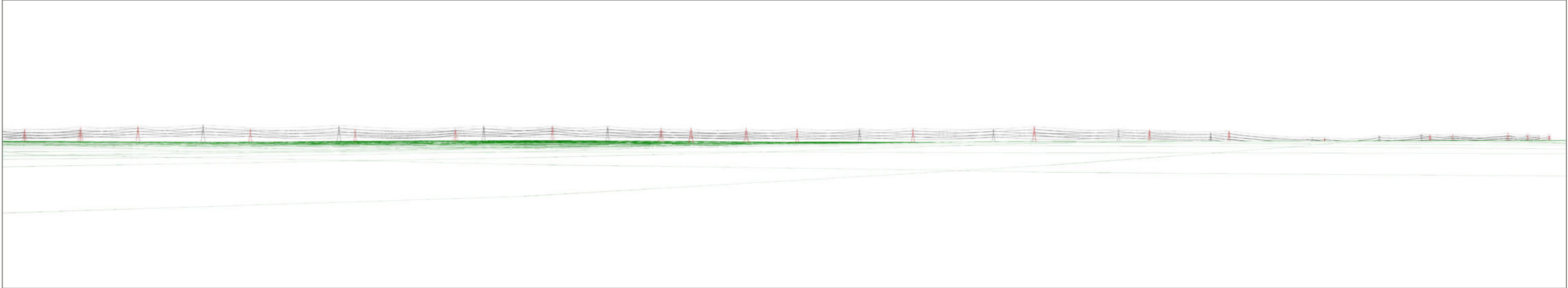
Operation - Year 15 (With Mitigation)

The reduction in the number of pylons 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)

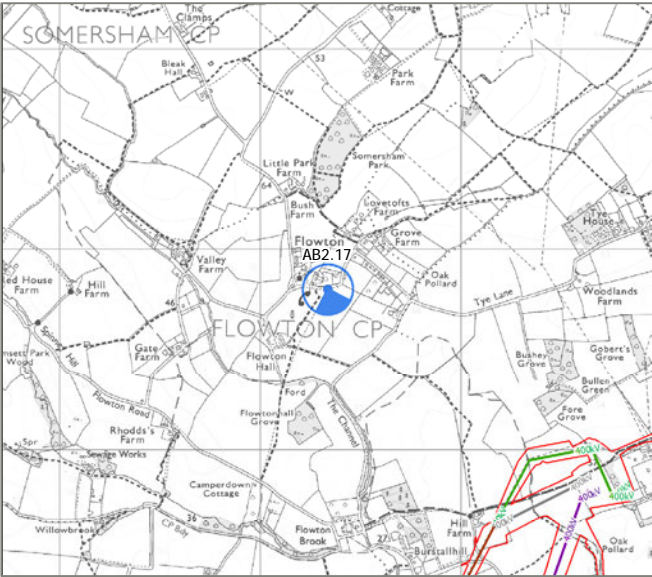


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB2.17: View from the PRow adjacent to Flowton Road at Flowton

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	608335, 246803 (52.080364, 1.039014)
Approx. Elevation	53m AOD
General Direction of View	S (162°)
Approx. Distance to the Project	1390m to LoD / 1275m to Order Limits
Time / Date	16.09 / 22 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 Gipping Valley SLA and represents the views experienced by people living and moving around the community of Flowton and users of the local PRow network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The large arable field in the foreground extends into the mid-ground where the landform becomes more rolling and slopes down away from the viewpoint towards The Channel, which is a small tributary of Belstead Brook. A footpath and wood pole line extend across the field away from the viewpoint. Buildings at Flowton Hall are visible to the far right of the view with Flowton Hall Grove to the left of the footpath in the mid-ground. There is a high coverage of trees and woodlands with dwellings and farm buildings dispersed throughout. A low wooded horizon in the background includes Hintlesham Wood and Ramsey Wood. The existing 400kV overhead line can be seen on the skyline across much of the view but becomes more distant and less noticeable as it extends away from the viewpoint to the right of the view. Due to the amount of vegetation, there are some seasonal variations, and visibility is greater in winter than it is in summer.

Value of view - **medium**

Supplementary Photos from Viewpoint



To the right of the viewpoint, pylons are screened by landform and vegetation.



To the far right of the viewpoint is Flowton Road with Elmsett Park Wood on the distant skyline.

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



Description of Effects

Construction Year

Receptors would have mid-range and long-range views of the upper parts of the taller equipment used to construct the new 400kV overhead line and modify/realign the existing 400kV overhead line close to Bramford Substation 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. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **medium-small**.

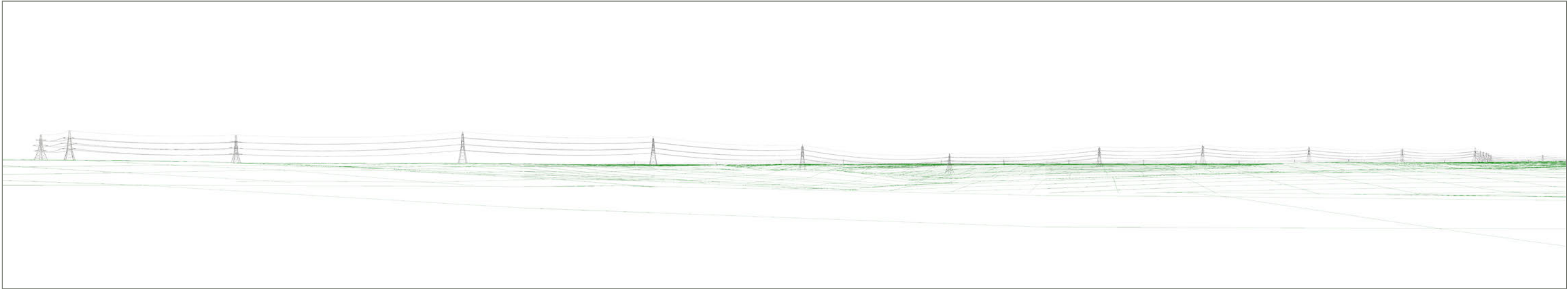
Operation - Year 1 (Without Mitigation)

The modification/realignment of the existing 400kV overhead line close to Bramford Substation means that some of the pylons would be in a slightly different location in the view but this would not be very noticeable. Across the rest of the view, the presence of the new 400kV overhead line broadly following the alignment of the existing 400kV overhead line but further from the viewpoint would result in an adverse change as more pylons would be visible on the skyline, albeit that they would be seen in the distance and partially obscured by vegetation. On balance, due to the distance and presence of intervening vegetation, it is anticipated that the overall change would be adverse, and magnitude of visual change would be **medium-small**.

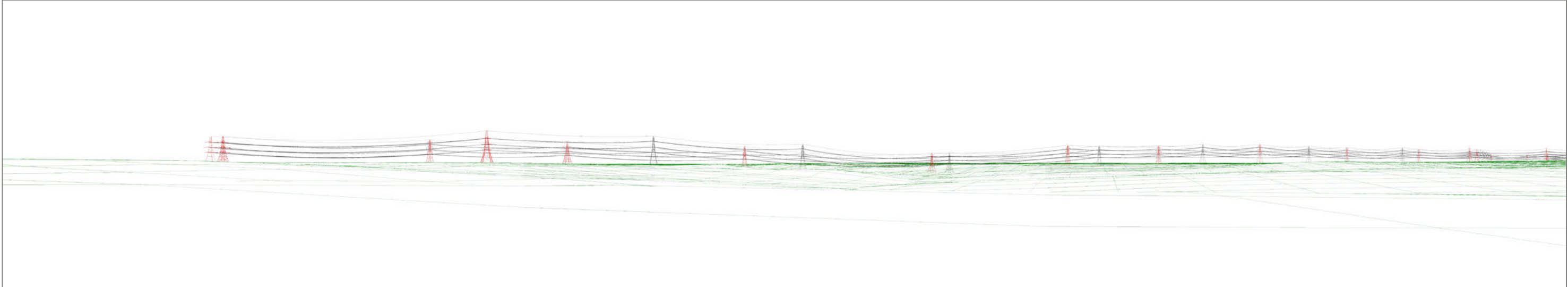
Operation - Year 15 (With Mitigation)

The increase in the number of pylons in the view would continue to result in an adverse 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)



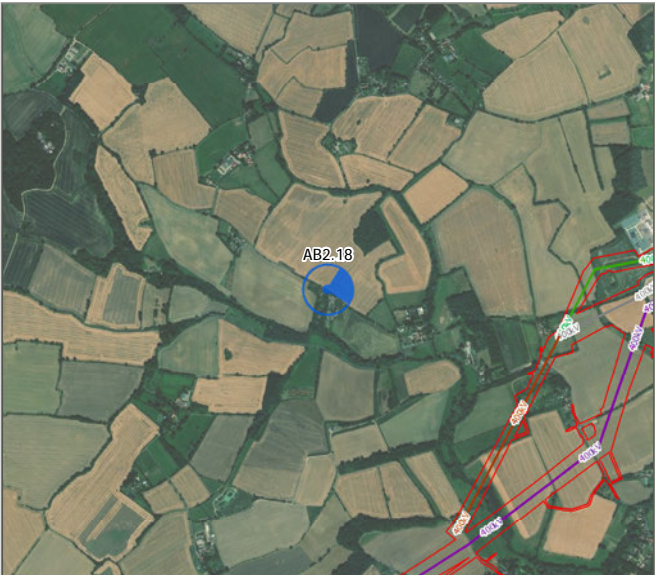
Viewpoint AB2.18: View from the PRow near Camperdown Cottage

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	608013, 245853 (52.071956, 1.033739)
Approx. Elevation	48m AOD
General Direction of View	E (77°)
Approx. Distance to the Project	1120m to LoD / 1070m to Order Limits
Time / Date	15.43 / 22 April 2021
Weather / Visibility	Clear / Excellent
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located within the Gipping Valley SLA and represents the views experienced by people living and moving around the dispersed community between Flowton and Burstall along Flowton Road and users of the local PRow network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The gently rolling arable field slopes away from the viewpoint towards The Channel which is a small tributary of Belstead Brook. The field is bordered by an overgrown hedgerow and the rising farmland beyond has a high coverage of trees and woodlands. Flowton Grove contains views in the foreground to the left of the view, whilst woodland along the edge of Burstall Hill occupies the mid-ground to the right of the view. Bramford Substation is on the horizon in the centre of the view and is seen alongside Bushey Grove and Fore Grove. Multiple 400kV and 132kV overhead lines converge at Bramford Substation and create a cluster of pylons on the skyline alongside the telecommunications tower next to Bullen Lane. The pylons are variably obscured by the intervening vegetation and by Flowton Grove. 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 north from the viewpoint towards Flowton and St Mary's Church.

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 construct the new 400kV overhead line and modify/realign the existing 400kV overhead line close to Bramford Substation but this would only be present at each pylon location for a short period of time and would not be uncharacteristic of this location. The works would be focussed on the centre and right side of the view. Construction of the new 400kV overhead line would also be visible beyond the existing 400kV overhead line. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **small**.

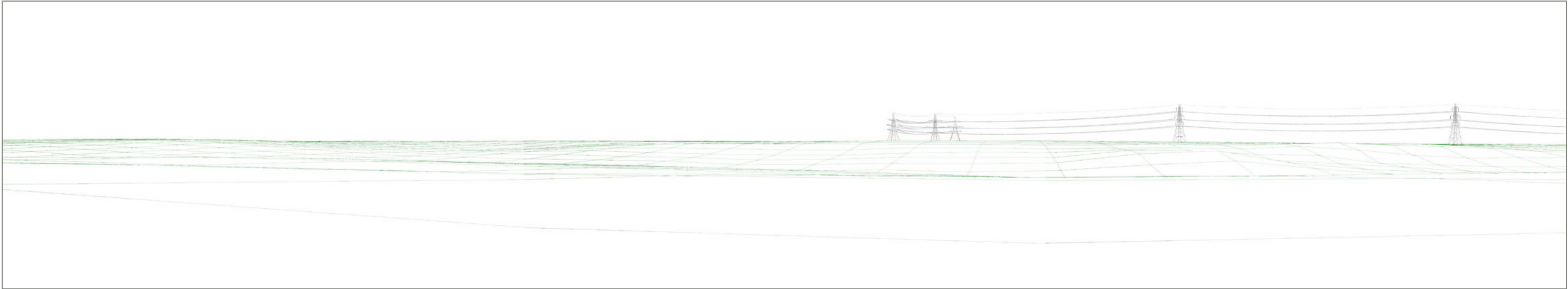
Operation - Year 1 (Without Mitigation)

The modification/realignment of the existing 400kV overhead line close to Bramford Substation means that some of the pylons would be in a slightly different location in the view but this would not be very noticeable. The presence of the new 400kV overhead line broadly following the alignment of the existing 400kV overhead line but further from the viewpoint would result in an adverse change. More pylons would potentially be seen on the distant skyline but would not be a prominent or uncharacteristic element and would be partially obscured by vegetation. On balance, the overall increase in the number of pylons would result in an adverse change. Due to the distance and presence of intervening vegetation and given that pylons are part of the baseline character, it is anticipated that the magnitude of visual change would be **medium-small**.

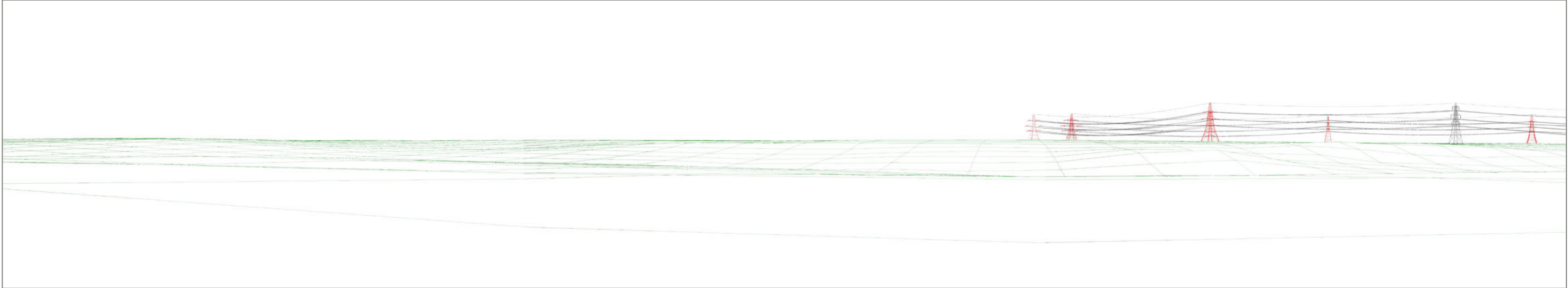
Operation - Year 15 (With Mitigation)

The increase in the number of pylons in the view would continue to result in an adverse 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)

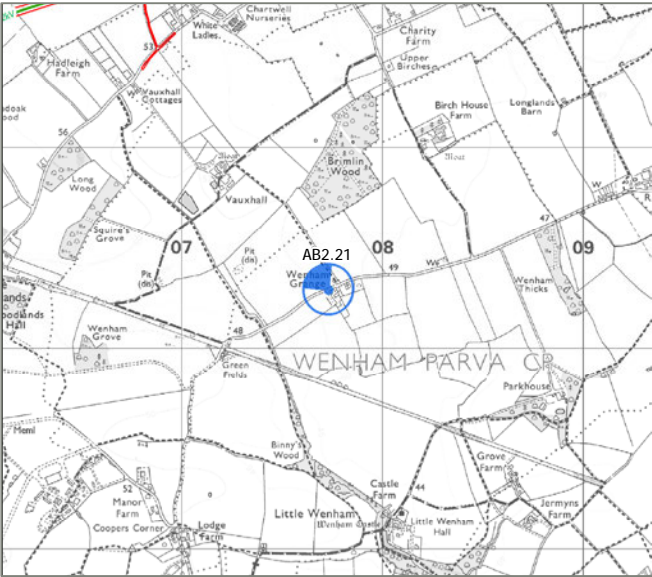


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB2.21: View from the PRow near Wenham Grange on Brook Lane

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	607727, 240293 (52.022150, 1.026200)
Approx. Elevation	51m AOD
General Direction of View	NW (320°)
Approx. Distance to the Project	2120m to LoD / 1430m to Order Limits
Time / Date	15.50 / 29 April 2021
Weather / Visibility	Overcast / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint represents the views experienced by people living and moving around Wenham Parva and people using the local PRow network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The absence of a hedgerow alongside Raydon Road affords panoramic views out across a large arable field bordered by intermittent hedgerows with trees. The cluster of farm buildings at Vauxhall is visible in the mid-ground where the landform falls away slightly. The view has a high coverage of trees and woodland including Brimlin Wood to the right of the view, with Long Wood and Squire's Grove on the skyline to the left of the buildings at Vauxhall. The existing 132kV and more distant 400kV overhead lines are perceptible on the skyline across much of the view but are partially obscured by the intervening trees and woodlands. 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**

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



Description of Effects

Construction Year

Receptors would have mid-range and 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 perceived as a series of discrete sites across the horizon in the central part of the view, but because of the intervening distance and presence of vegetation, these sites would be inconspicuous. The lower parts of the works would be partially obscured by the intervening vegetation, particularly in summer when in full foliage. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **small**.

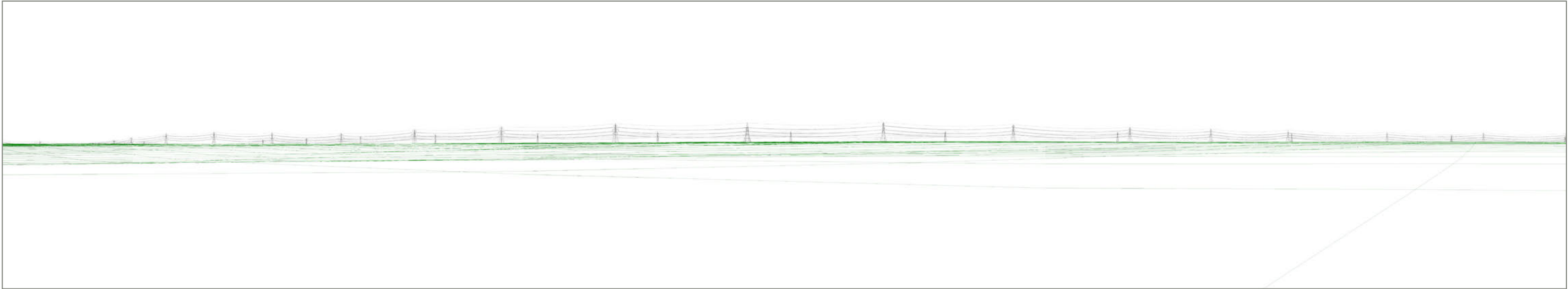
Operation - Year 1 (Without Mitigation)

The presence of the new 400kV overhead line broadly following the alignment of the existing 400kV overhead line but further from the viewpoint would result in an adverse change as the larger pylons are more likely to be visible on the distant skyline, but would not be a prominent or uncharacteristic element and would be partially obscured by vegetation. Due to the distance and presence of intervening vegetation, it is anticipated that the magnitude of adverse visual change would be **medium-small**.

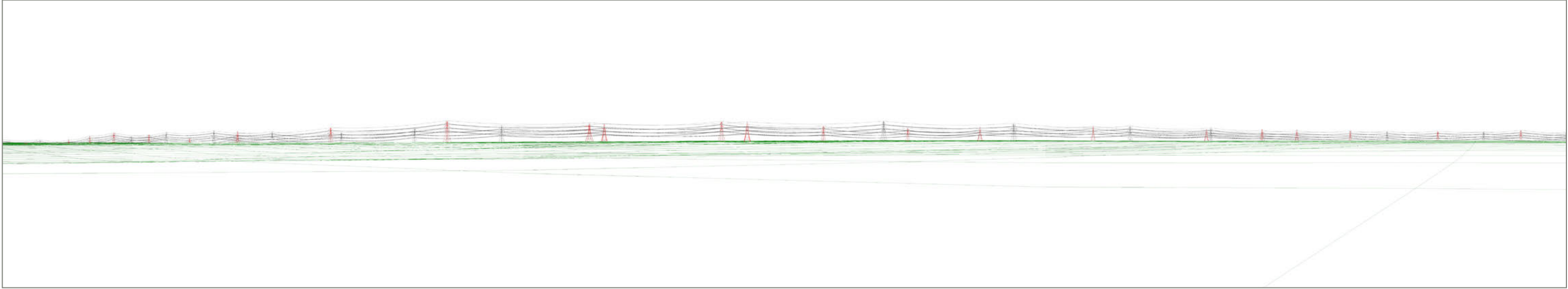
Operation - Year 15 (With Mitigation)

The increased prominence of the pylons in the view would continue to result in an adverse 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)

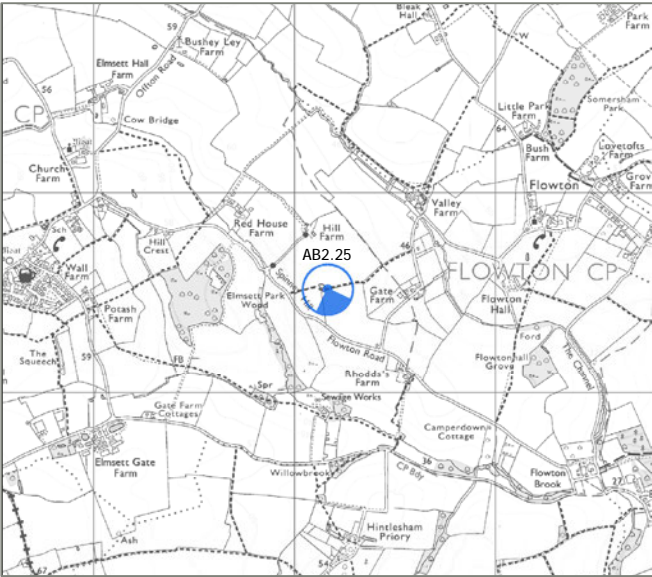


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



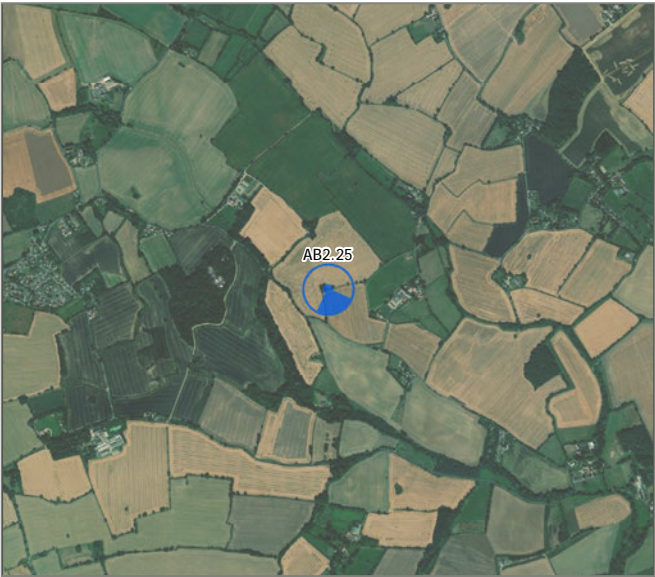
Viewpoint AB2.25: View from the PRow near Gate Farm, near Spinney Hill

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	607165, 246520 (52.078266, 1.021795)
Approx. Elevation	58m AOD
General Direction of View	SE (130°)
Approx. Distance to the Project	2140m to LoD / 2130m to Order Limits
Time / Date	13.03 / 28 April 2021
Weather / Visibility	Overcast / Very Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located within the Gipping Valley SLA and represents the views experienced by people living and moving around the dispersed community between Flowton, Burstall and Elmsett and people using the local PRow network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

This location affords expansive views across large-scale rolling farmland with a high coverage of overgrown hedgerows, hedgerow trees and woodland. In the foreground, buildings at Gate Farm and Mousehall are very noticeable to the left of the view with a property on Flowton Road to the centre. To the left of the view, Bramford Substation can be seen on the distant skyline against a backdrop of Bullen Wood with Flowton Hall Grove in the mid-ground to the right of the substation. To the right of the view, woodland on the edge of Burstallhill is present on the skyline beyond a line of tall trees along Flowton Brook. The existing 400kV and 132kV overhead lines converge on the skyline at Bramford Substation creating a cluster of pylons alongside the telecommunications tower next to Bullen Lane to the left of the view. The existing 400kV overhead line and more distant 132kV overhead line are discernible on the horizon to the right of the Bramford Substation, with the pylons variably obscured by the intervening vegetation, including the woodland around Rhodd's Farm in the centre of the view. Due to the distribution of vegetation, there is some seasonal variation, with more of the pylons visible in winter than in summer.

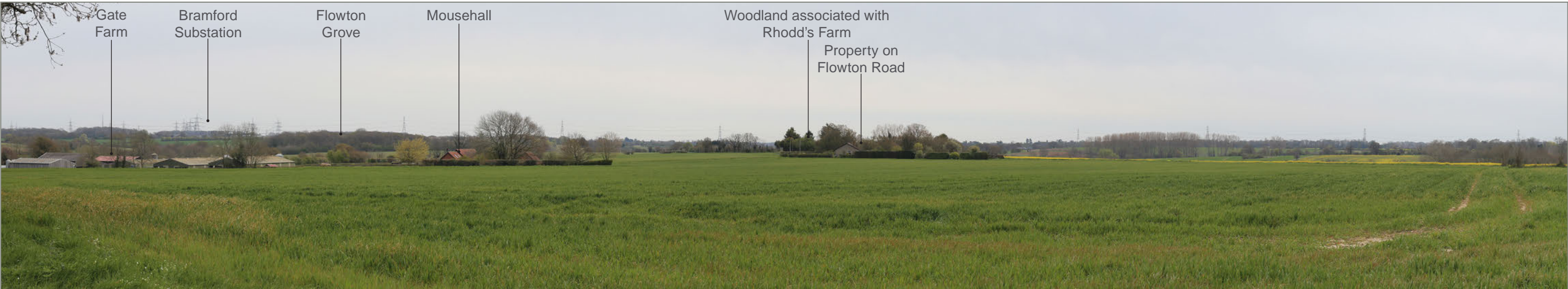
Value of view - **medium**

Supplementary Photos from Viewpoint



To the left of the viewpoint there are skyline views of overhead lines approaching Bramford Substation from the north.

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



Description of Effects

Construction Year

To the left of the view, receptors would have distant views of the upper parts of the taller equipment used to construct the new 400kV overhead line and modify/realign the existing 400kV overhead line close to Bramford Substation but this would only be present at each pylon location for a short period of time. Construction of the new 400kV overhead line and dismantling of the existing 132kV overhead line would be visible to the right of Bramford Substation. The works would be perceived as a series of discrete sites across the view but because of the intervening distance and presence of vegetation these sites would be inconspicuous. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **small**.

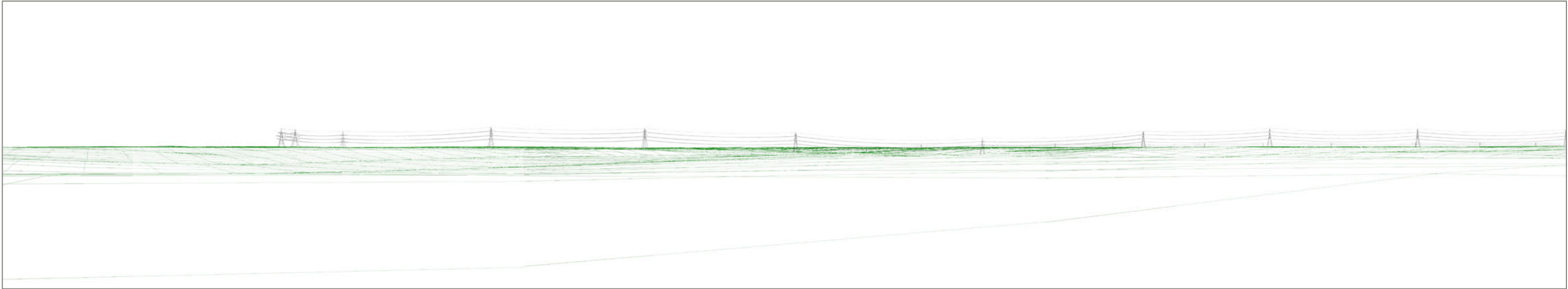
Operation - Year 1 (Without Mitigation)

The modification/realignment of the existing 400kV overhead line close to Bramford Substation means that some of the pylons would be in a slightly different location in the view but, given the distance, this would not be very noticeable. The presence of the new 400kV overhead line broadly following the alignment of the existing 400kV overhead line but further from the viewpoint would result in an adverse change as more pylons would be visible on the skyline, but would not be a prominent or uncharacteristic element and would be partially obscured by vegetation. On balance, it is anticipated that the overall change to the view would be adverse. Due to the distance and presence of intervening vegetation, it is anticipated that the magnitude of visual change would be **small**.

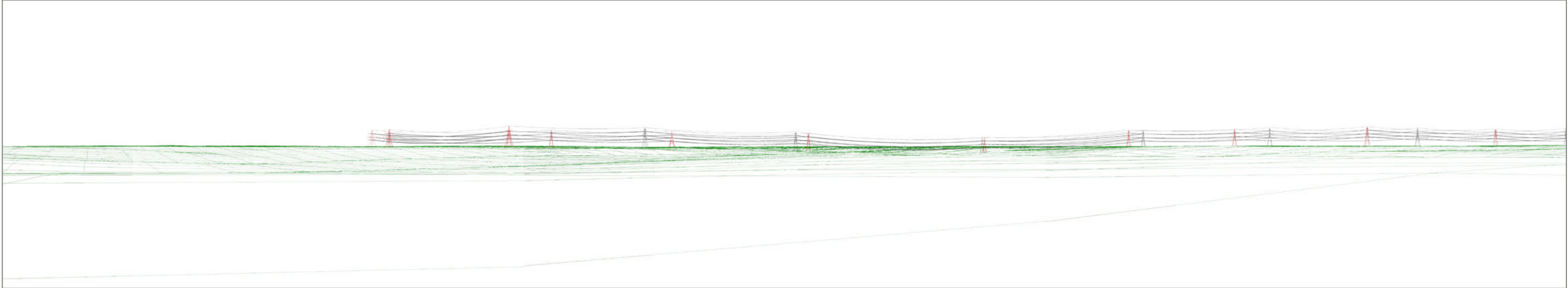
Operation - Year 15 (With Mitigation)

The increase in the number of pylons in the view would continue to result in an 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)

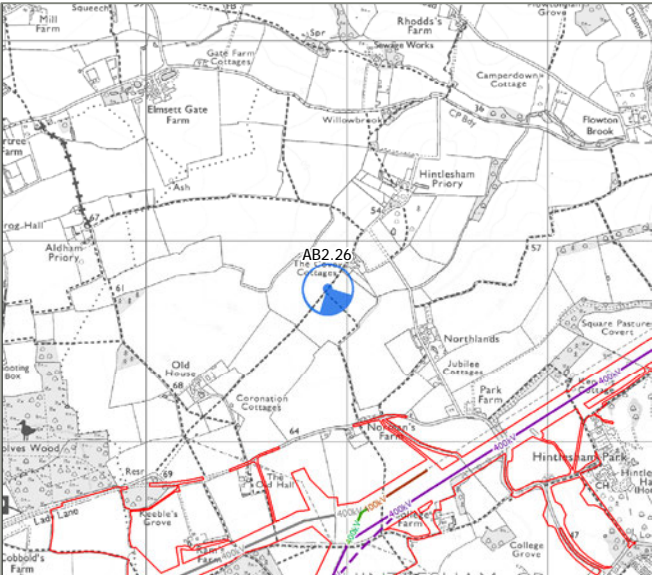


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



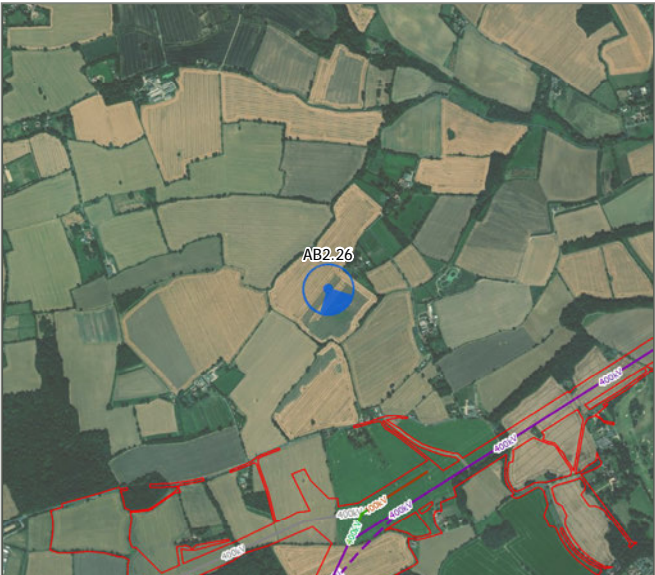
Viewpoint AB2.26: View from the PRow near Covey Cottages

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	606904, 244761 (52.062572, 1.016920)
Approx. Elevation	56m AOD
General Direction of View	SE (152°)
Approx. Distance to the Project	980m to LoD / 685m to Order Limits
Time / Date	16.18 / 28 April 2021
Weather / Visibility	Overcast / very Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located within the Gipping Valley SLA and represents the views experienced by people moving between the communities of Hintlesham and Elmsett and people using the local PRow network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The large arable field is bordered by sparse and overgrown hedgerows and extends into the mid-ground where a low wooded horizon contains longer views. Jubilee Cottages and buildings associated with Norman's Farm can be seen on the horizon to the centre-right of the view. The existing 400kV overhead line is discernible on the skyline to the left of the view with the lower parts of the pylons variably screened by the intervening vegetation.

Value of view - **medium**

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 construct the new 400kV overhead line. The works would be perceived as a series of discrete sites across the view but because of the presence of vegetation, these sites would be inconspicuous. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **medium-small**.

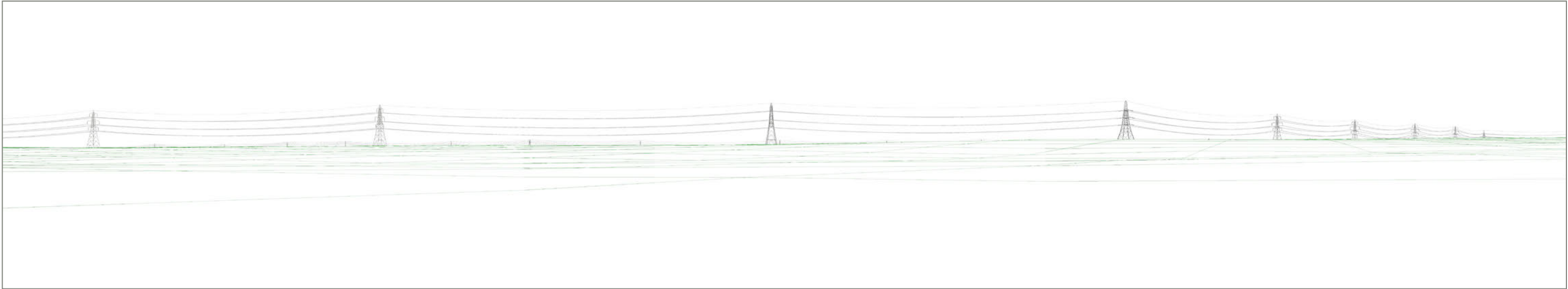
Operation - Year 1 (Without Mitigation)

The presence of the new 400kV overhead line broadly following the alignment of the existing 400kV overhead line but further from the viewpoint, means that more pylons would potentially be seen on the distant skyline but these would not be a prominent or uncharacteristic element and would be partially obscured by vegetation. This would result in an adverse change but would only affect a small part of the view and would not fundamentally alter its character or quality. Due to the presence of intervening vegetation, it is anticipated that the magnitude of adverse visual change would be **medium-small**.

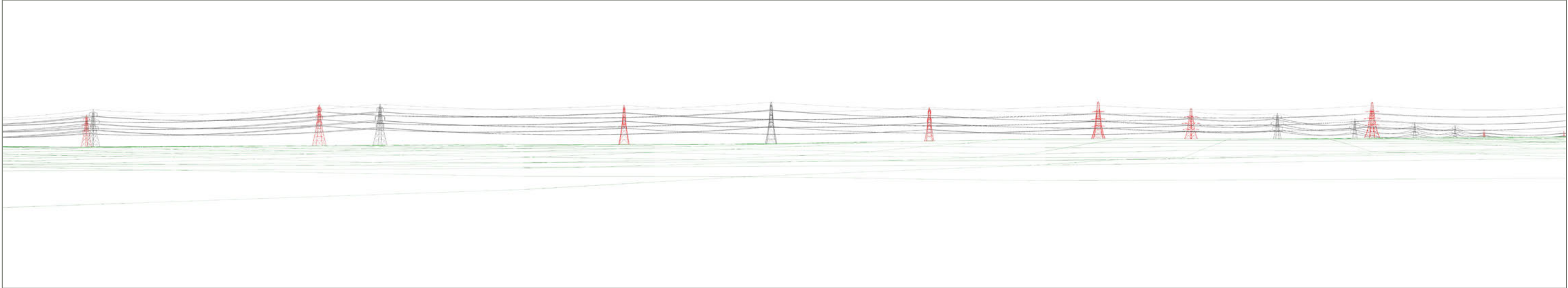
Operation - Year 15 (With Mitigation)

The increase in the number of pylons in the view would continue to result in an adverse 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)



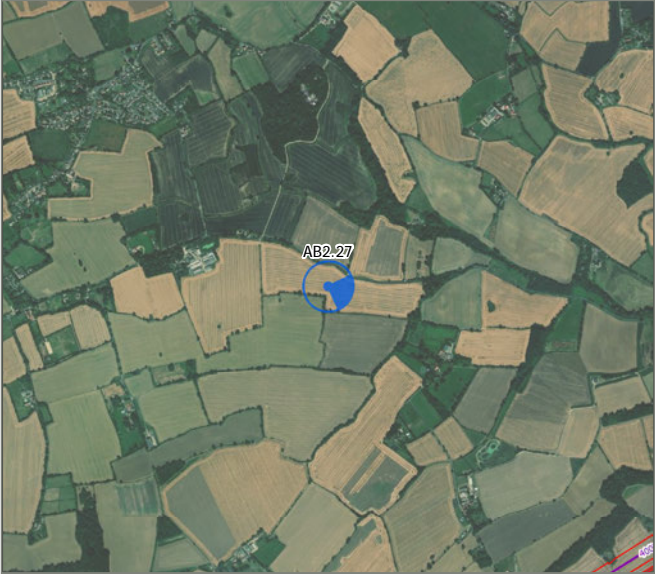
Viewpoint AB2.27: View from the PRow Adjacent to the Lane Between Elmsett Gate and Willowbrook

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	606704, 245630 (52.070447, 1.014526)
Approx. Elevation	53m AOD
General Direction of View	E (110°)
Approx. Distance to the Project	1850m to LoD / 1575m to Order Limits
Time / Date	14.15 / 28 April 2021
Weather / Visibility	Overcast / Very Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located within the Gipping Valley SLA and represents the views experienced by users of the local PRow network. These receptors are of **medium** susceptibility to the project.

Description of Visual Baseline

The large arable field in the foreground is bordered by low and intermittent hedgerows with trees. The field slopes gently away from the viewpoint towards a wooded tributary valley of Flowton Brook in the mid-ground. The sloping landform foreshortens the mid-ground with only the tops of the woodland around Hintlesham Priory visible in the centre of the view. Buildings associated with Old House can be seen between the trees in the mid-ground to the right of the view. In the centre of the view, multiple 400kV and 132kV overhead lines converge on Bramford Substation creating a cluster of pylons on the skyline alongside the telecommunications tower next to Bullen Lane. Foreground views remain open in summer. Due to the amount of vegetation, there are some seasonal variations and general visibility is greater in winter than it is in summer, although this has little effect on the prominence of the pylons. The components of the view however remain largely unchanged. Seasonal variation is therefore limited.

Value of view - **medium**

Supplementary Photos from Viewpoint



To the left of the viewpoint, longer distance views are limited by slightly rising landform and hedgerows with intermittent trees.



To the right of the viewpoint, views are filtered by vegetation.

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



Description of Effects

Construction Year

Receptors would have distant views of the upper parts of the taller equipment used to dismantle the existing 132kV overhead line, construct the new 400kV overhead line and modify/realign the existing 400kV overhead line close to Bramford Substation 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 the view to the right of Bramford Substation but because of the intervening distance and presence of vegetation these sites would be inconspicuous. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **small**.

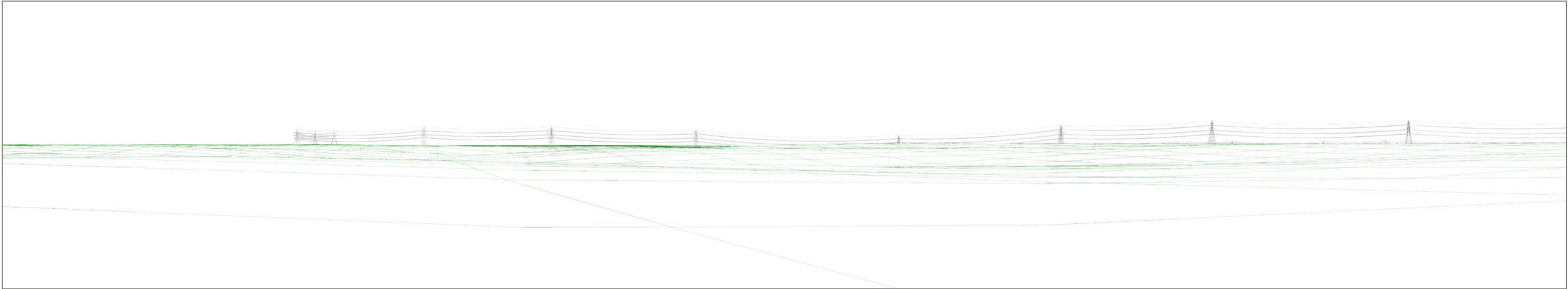
Operation - Year 1 (Without Mitigation)

The modification/realignment of the existing 400kV overhead line close to Bramford Substation means that some of the pylons would be in a slightly different location but, given the distance, this would not be very noticeable. The presence of the new 400kV overhead line broadly following the alignment of the existing 400kV overhead line but further from the viewpoint, particularly to the left of the view, would result in an adverse change. More pylons would potentially be visible on the skyline but these would not be a prominent or uncharacteristic element, and would be partially obscured by vegetation. On balance, the increase in the number of pylons would result in an adverse visual change. Due to the distance and presence of intervening vegetation, it is anticipated that the magnitude of visual change would be **medium-small**.

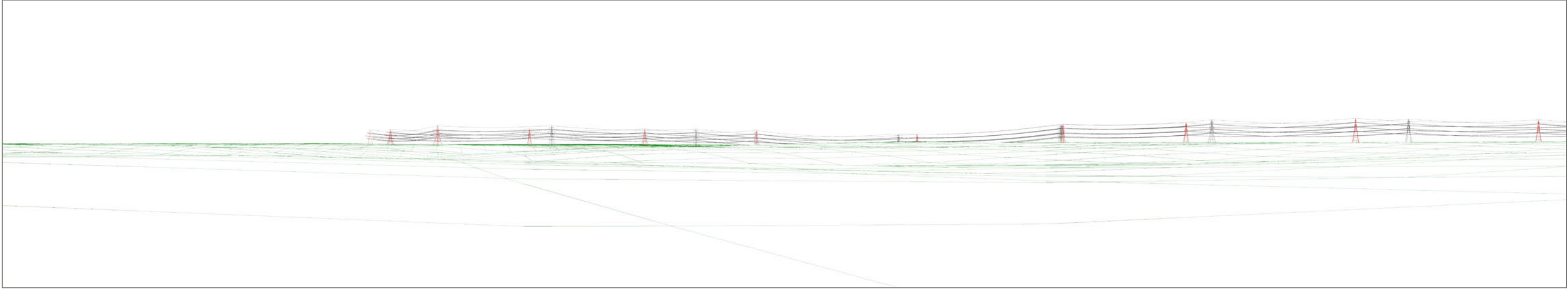
Operation - Year 15 (With Mitigation)

The increase in the number of pylons in the view would continue to result in an adverse 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)

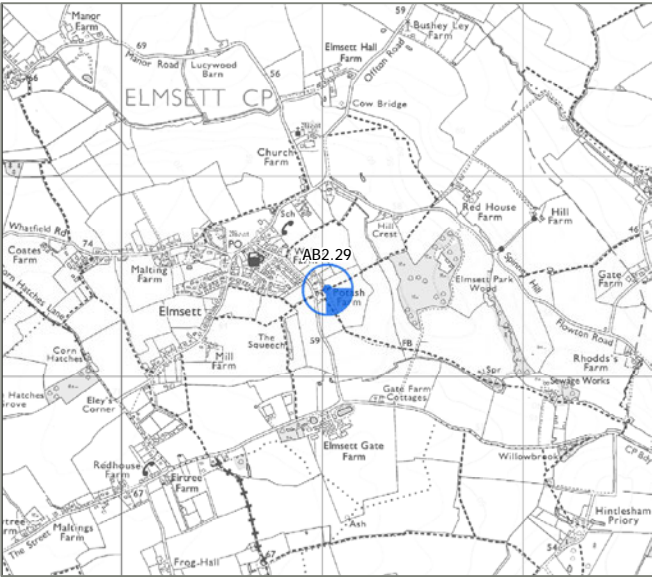


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



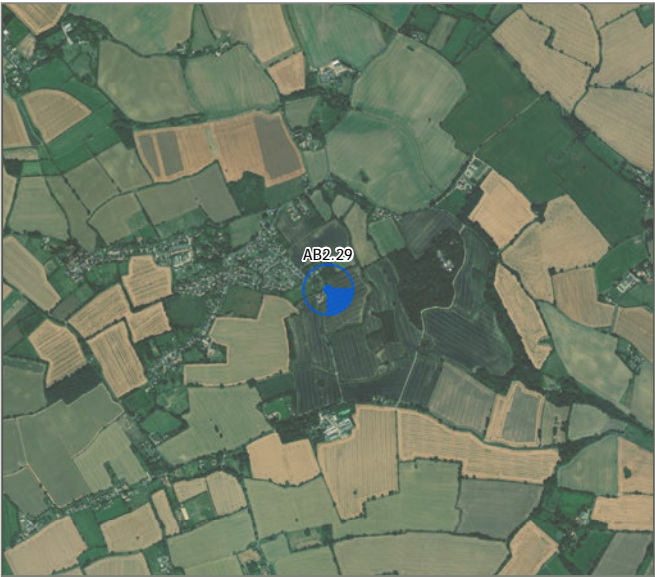
Viewpoint AB2.29: View from the PRow to South-East of Elmsett

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	606027, 246439 (52.077960, 1.005157)
Approx. Elevation	62m AOD
General Direction of View	SE (135°)
Approx. Distance to the Project	2870m to LoD / 2545m to Order Limits
Time / Date	14.44 / 28 April 2021
Weather / Visibility	Overcast / 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 Gipping Valley SLA and represents the views experienced by people using the local PRow network. These receptors are of **medium** susceptibility to the project.

Description of Visual Baseline

The large arable field in the foreground is bordered by hedgerows with trees and slopes gently away from the viewpoint towards the shallow valley of Flowton Brook in the mid-ground. Beyond the valley, further arable farmland with a high coverage of trees and woodland extends into the background where the existing 400kV overhead line crosses the distant skyline. The pylons are partially obscured by the intervening trees and woodland which, when combined with the distance, substantially reduces their prominence. 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**

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 construct the new 400kV overhead line, and modify/realign the existing 400kV 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 the central part of the view but because of the intervening distance and presence of vegetation these sites would be inconspicuous. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

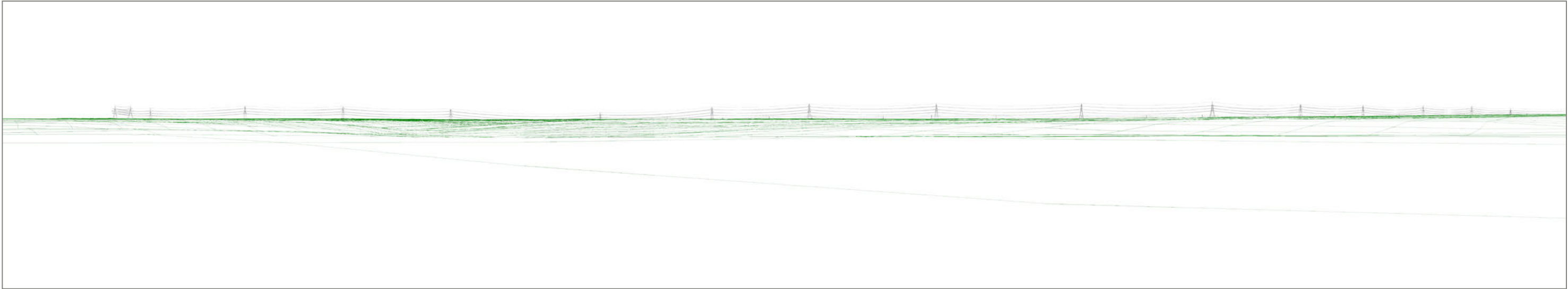
Operation - Year 1 (Without Mitigation)

The presence of the new 400kV overhead line along broadly the same alignment as the existing 400kV overhead line means that although more pylons would potentially be seen on the distant skyline these would not be a prominent or uncharacteristic element and would be partially obscured by vegetation. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **small**.

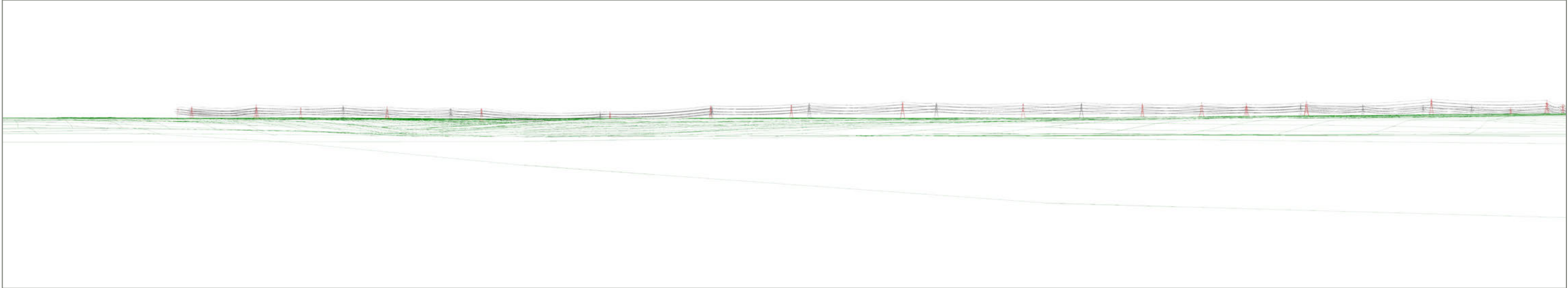
Operation - Year 15 (With Mitigation)

The increase in the number of pylons in the view would continue to result in an 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)

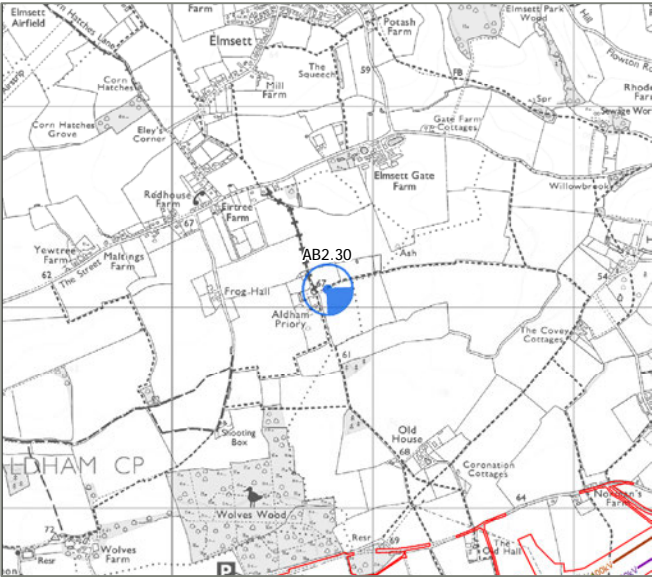


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



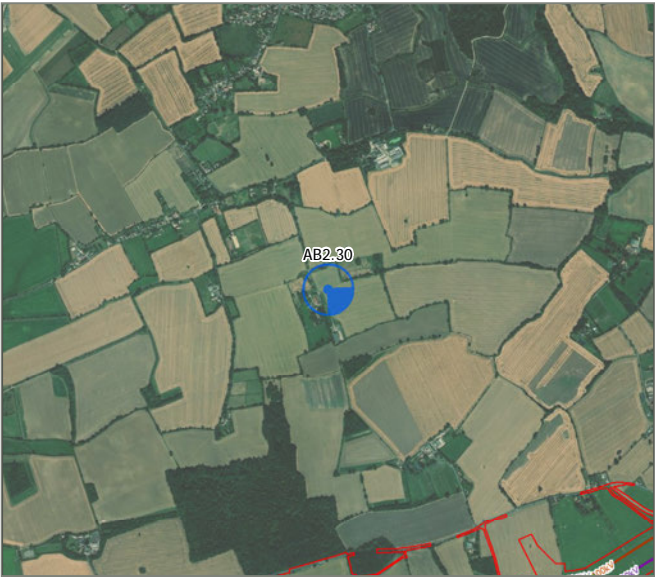
Viewpoint AB2.30: View from the PRow at Aldham Priory

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	605775, 245091 (52.065953, 1.000675)
Approx. Elevation	66m AOD
General Direction of View	SE (132°)
Approx. Distance to the Project	1715m to LoD / 1310m to Order Limits
Time / Date	13.55 / 28 April 2021
Weather / Visibility	Overcast / 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 Gipping Valley SLA and represents the views experienced by people living and moving around the dispersed communities to the south of Elmsett and people using the local PRow network. These receptors are of high susceptibility to the project.

Description of Visual Baseline

The large arable field in the foreground is bordered by hedgerows, trees, and a track leading to a farm building. The field slopes gently away from the viewpoint towards a tributary valley of Flowton Brook before rising again in the mid-ground, where further hedged arable fields extend into the distance. To the left of the view, Ramsey Wood and Hintlesham Wood form a distant horizon, whilst to the right of the view, woodland including conifers to the south of Old House are noticeable. Dwellings and farm buildings are dispersed throughout the farmland and include buildings associated with Aldham Priory. The existing 400kV overhead line is noticeable on the skyline across the view, with pylons variably obscured by the intervening trees and woodland which reduces their prominence. The top of the occasional pylon on the existing 132kV overhead line can also be discerned in the distance. 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



To the left of the viewpoint, views are contained by vegetation to the north of the footpath.

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 construct the new 400kV overhead line to the west of Ramsey Wood and modify/realign the existing 400kV overhead line. The construction activities would be closer to the viewpoint than the existing 400kV overhead line but beyond the woodland and dwellings in the central part of the view. Dismantling of the existing 132kV overhead line is unlikely to be visible. The works to the 400kV overhead line would be perceived as a series of discrete sites across the view but, because of the intervening distance and presence of vegetation, these sites would be inconspicuous. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **small**.

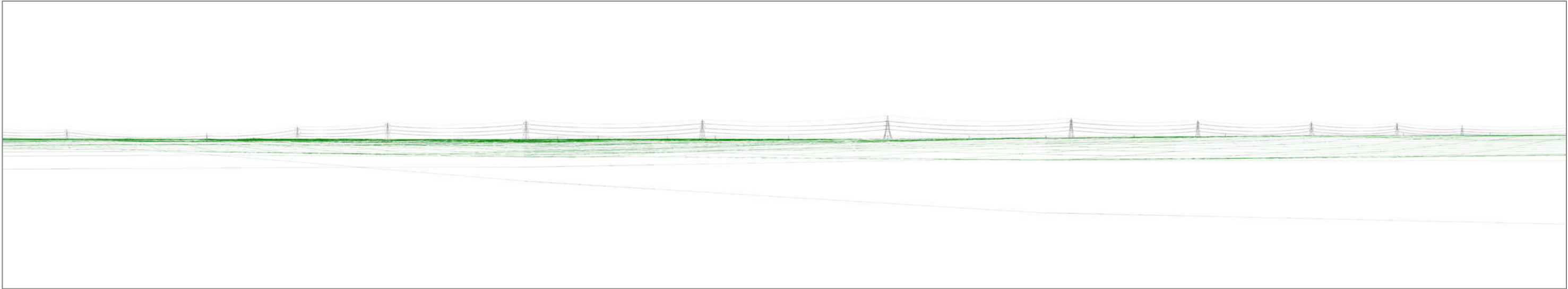
Operation - Year 1 (Without Mitigation)

The new 400kV overhead line would be seen in long-range views but closer to the viewpoint than the existing 400kV overhead line. More pylons would potentially be seen on the distant skyline but these would not be a prominent or uncharacteristic element and would be partially obscured by the woodland south of Old House. On balance and due to the distance and intervening vegetation it is anticipated that the overall change to the view would be adverse, and the magnitude of visual change would be **medium-small**.

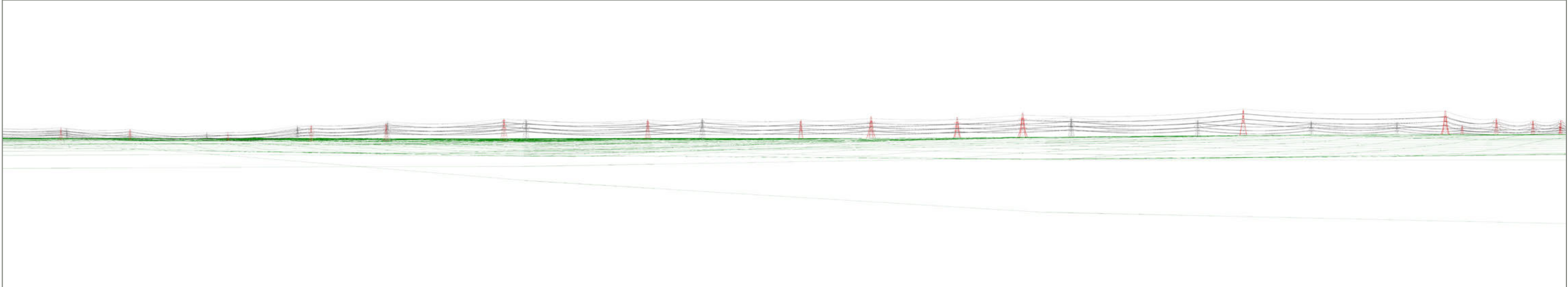
Operation - Year 15 (With Mitigation)

The increase in the number of 400kV pylons across the view would continue to result in an overall adverse 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)

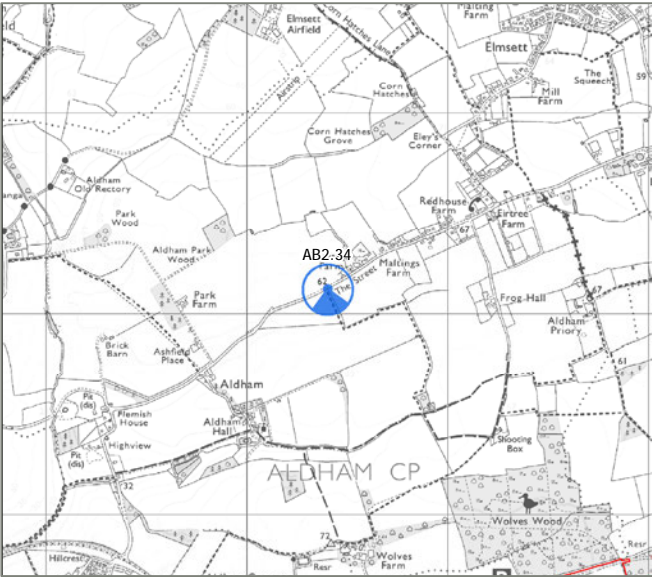


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB2.34: View from The Street, to the North of Aldham

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	604402, 245123 (52.066747, 0.980686)
Approx. Elevation	61m AOD
General Direction of View	SE (171°)
Approx. Distance to the Project	2425m to LoD / 1840m to Order Limits
Time / Date	14.55 / 28 April 2021
Weather / Visibility	Overcast / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint represents the views experienced by people living and moving around the dispersed community to the south-west of Elmsett and users of The Street and local PRow network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The foreground comprises an area of open and large-scale arable farmland with intermittent hedgerows and few trees. There are long views towards a wooded horizon in the mid-ground, including the Square Pastures Covert, Ramsey and Hintlesham Wood and Wolves Wood. The top of the occasional pylon on the existing 400kV overhead line can just be perceived between the trees on the distant skyline but overhead line infrastructure is not a noticeable element in the view. 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



To the right of the view, pylons are just visible above woodland.

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 construct the new 400kV overhead line to the north-west of Ramsey Wood, but this would only be present at each pylon location for a short period of time. Due to the distance of this viewpoint and the screening provided by intervening vegetation the works would barely perceptible. It is therefore anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

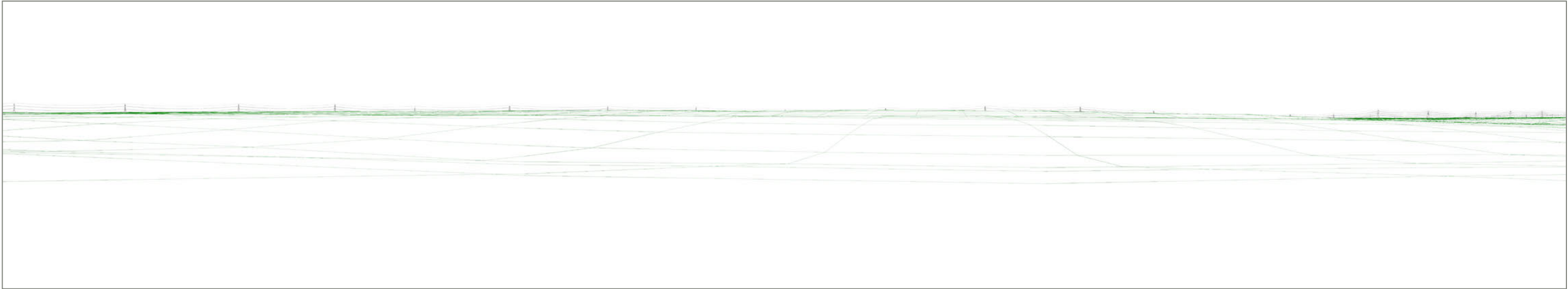
Operation - Year 1 (Without Mitigation)

The new 400kV overhead line would be seen in long-range views to the left of Wolves Wood. The pylons would be closer to the viewpoint than the existing 400kV overhead line but would only affect a small part of the distant view and would not be a prominent or uncharacteristic element. The change to the view would be adverse but due to the distance and presence of intervening vegetation, it is anticipated that the magnitude of visual change would be **small**.

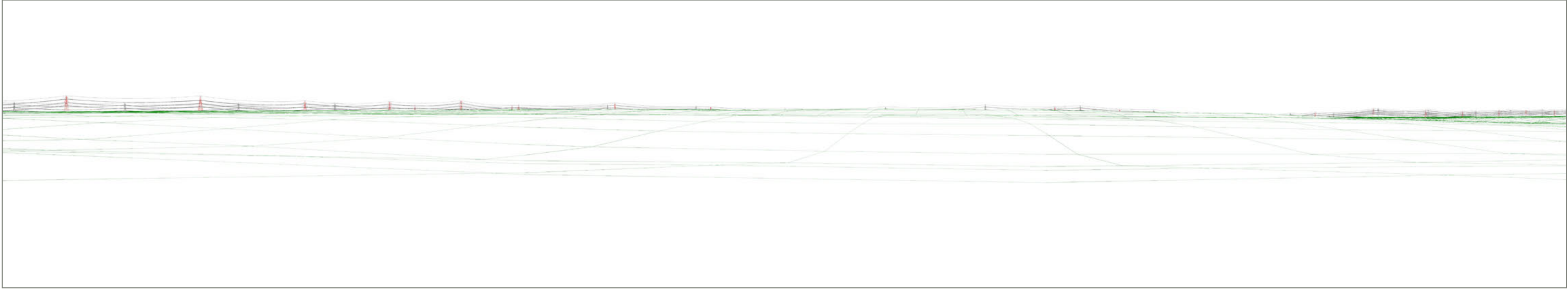
Operation - Year 15 (With Mitigation)

The additional 400kV pylons on the new section of 400kV overhead line would continue to result in an 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)

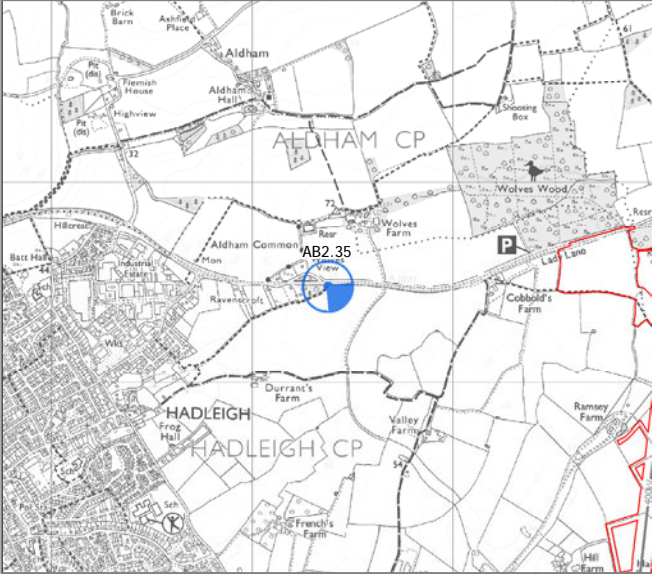


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB2.35: View from the PRow off the A1071, to the East of Hadleigh

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	604376, 243483 (52.052031, 0.979338)
Approx. Elevation	68m AOD
General Direction of View	SE (130°)
Approx. Distance to the Project	1660m to LoD / 1145m to Order Limits
Time / Date	15.05 / 28 April 2021
Weather / Visibility	Overcast / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

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

Description of Visual Baseline

The large and gently rolling arable field bordered by intermittent hedgerows in the foreground slopes away from the viewpoint towards a tributary valley of the River Brett before rising again in the mid-ground, where further hedged arable fields extend into the distance. An outdoor storage area at Cobbold's Farm is seen beyond the hedge line in the mid-ground to the left of the view. Woodlands on the distant horizon include Ramsey Wood and Raydon Great Wood. Occasional dwellings and farm buildings are dispersed throughout the farmland and include Valley Farm in the mid-ground to the right of the view. The existing 400kV overhead line is noticeable on the skyline across the view, with glimpses of the existing 132kV beyond. The lower parts of the pylons are partially obscured by the intervening trees and woodland. 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



Vegetation along the A1071 to the left of the viewpoint screens and filters views from the road.

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 construct the new 400kV overhead line to the west of Ramsey Wood and modify/realign the existing 400kV overhead line. The construction activities would be closer to the viewpoint than the existing 400kV overhead line. Given the distance, dismantling of the existing 132kV overhead line is unlikely to be perceptible. The works would be perceived as a series of discrete sites across the central part of the view but would be partially screened by the intervening vegetation particularly in summer when the trees are in full foliage. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **small**.

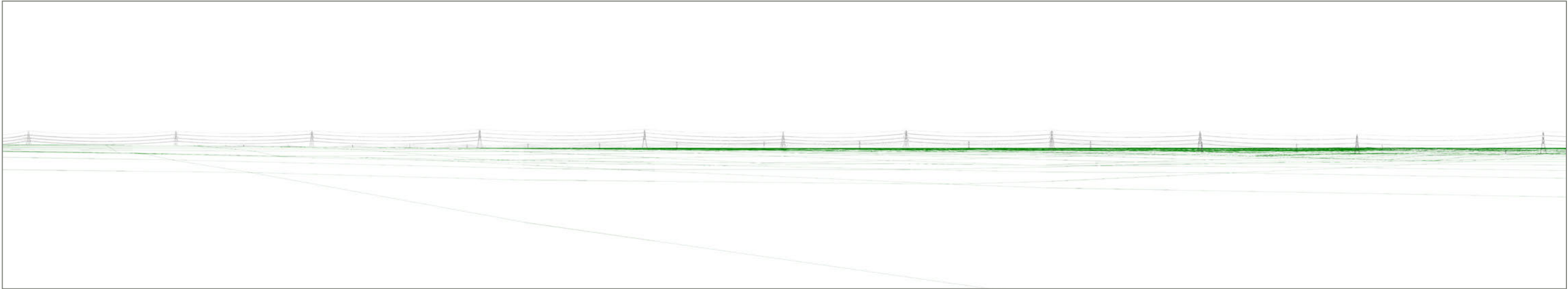
Operation - Year 1 (Without Mitigation)

The new 400kV overhead line would be seen in long-range views in front of Ramsey Wood, which would result in an adverse visual change. More pylons would potentially be seen on the distant skyline but these would not be a prominent or uncharacteristic element and would be partially obscured by the intervening vegetation. It is therefore anticipated that the overall change to the view would be adverse, and the magnitude of visual change would be **medium-small**.

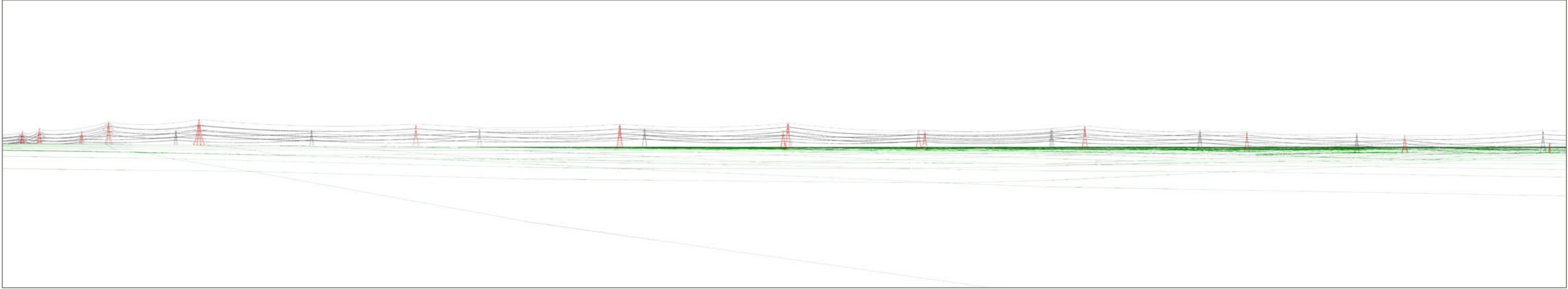
Operation - Year 15 (With Mitigation)

The increase in the number of 400kV pylons across the view would continue to result in an adverse 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)

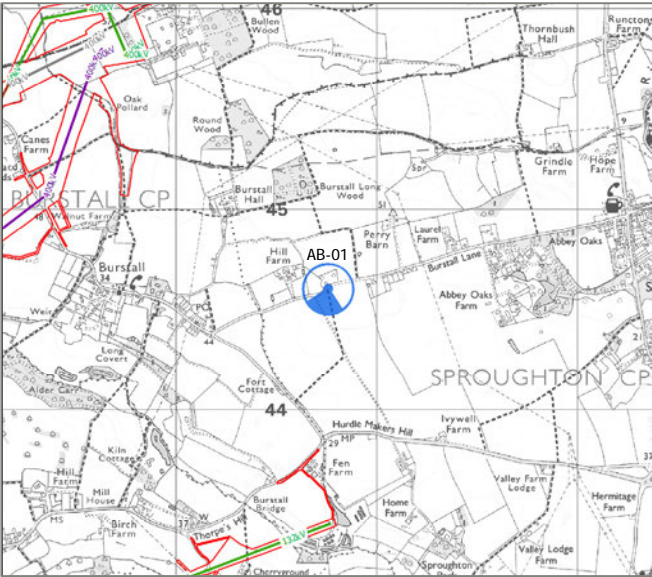


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-01: View Looking South from the PRow on Burstall Lane, near Hill Farm

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	610702, 244571 (52.059434, 1.072120)
Approx. Elevation	51m AOD
General Direction of View	S (192°)
Approx. Distance to the Project	1410m to LoD / 800m to Order Limits
Time / Date	17.47 / 29 April 2021
Weather / Visibility	Overcast / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located within the Gipping Valley SLA and represents the views experienced by people living along Burstall Lane and users of the local PRow network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The absence of a roadside hedgerow affords long views out across a large arable field towards a shallow tributary valley of Flowton Brook which foreshortens much of the mid-ground. The farmland beyond the valley is more rolling and there is a higher coverage of trees and small woodlands with occasional dwellings and farm buildings dispersed throughout. The existing 132kV overhead line is perceptible in the mid-ground but it is mainly seen against a backdrop of landform and vegetation which reduces its prominence. To the right of the view, pylons on the 132kV overhead line are present on the skyline alongside the tops of pylons on a more distant 132kV overhead line. 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



Property on Burstall Lane to the east of the viewpoint has views to the south and east

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

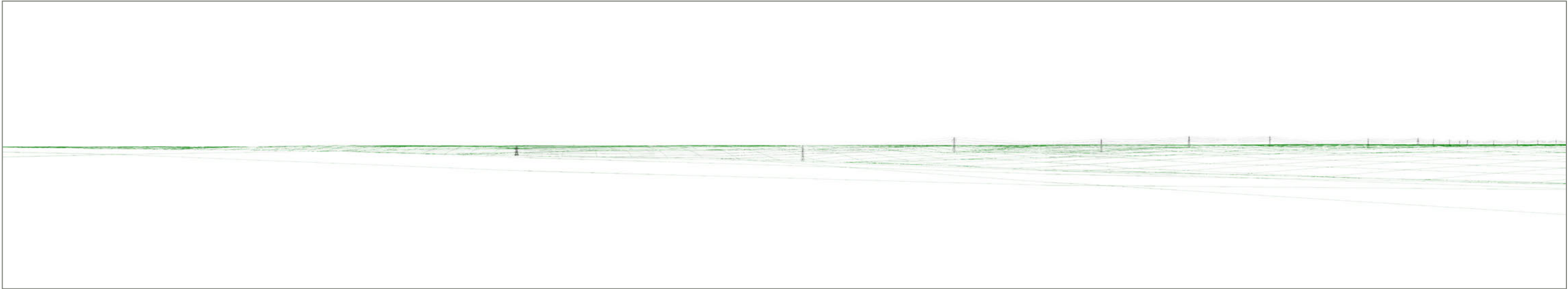
Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line would substantially reduce the number of pylons in the view which would result in a beneficial change. It is anticipated that the magnitude of visual change would be **medium**.

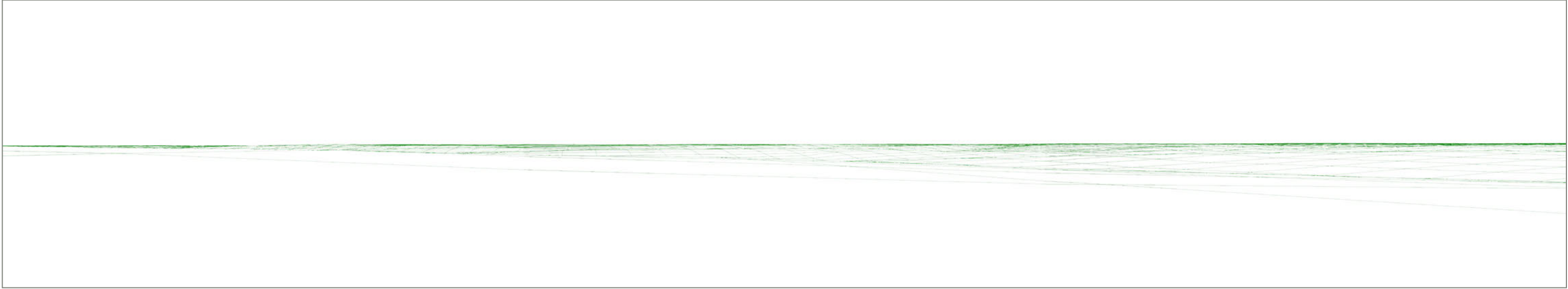
Operation - Year 15 (With Mitigation)

The absence of the existing 132kV pylons 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)

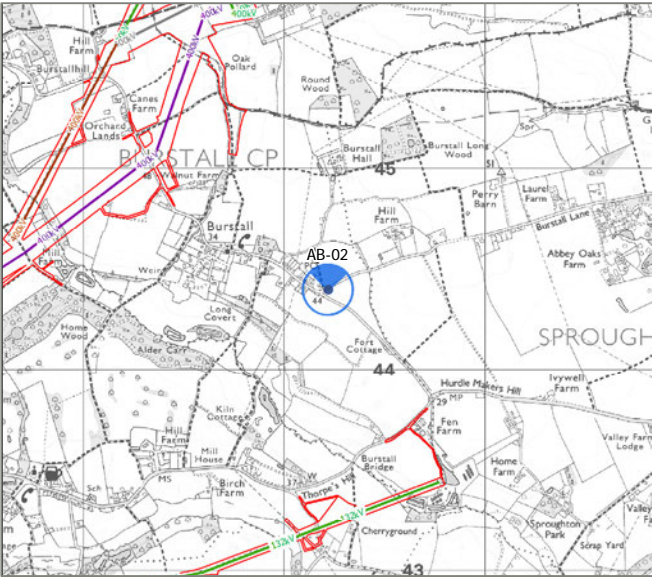


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-02: View Looking North from Burstall Lane towards Bramford Substation

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	610215, 244399 (52.058073, 1.064930)
Approx. Elevation	42m AOD
General Direction of View	NW (2°)
Approx. Distance to the Project	1030m to LoD / 770m to Order Limits
Time / Date	15.27 / 22 April 2021
Weather / Visibility	Clear / Excellent
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located within the Gipping Valley SLA and represents the views experienced by people moving between the communities of Burstall and Sproughton, the local community living along Burstall Lane and users of the local PRoW network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The large arable field alongside Burstall Lane extends into the mid-ground where the land slopes gently away from the viewpoint into a shallow tributary valley of Flowton Brook. To the left of the view is a hedgerow with trees which follows the rear boundary of dwellings along The Street. A newly planted roadside hedgerow will over time contain more of the view from the road. In the mid-ground, a dwelling and buildings associated with Burstall Hall are seen against a backdrop of Round Wood and Burstall Long Wood. The telecommunications tower next to Bullen Lane punctuates the skyline above the woodland. Existing 132kV overhead lines (PLD Bramford to Ipswich and PHB Bramford to Cliff Quay) are visible across much of the view, whilst to the left of the view, multiple 400kV and 132kV overhead lines converge on Bramford Substation creating a cluster of pylons on the skyline alongside the associated substation infrastructure. Due to the amount of vegetation across the mid-ground view, there are some seasonal variations, and visibility is greater in winter than it is in summer.

Value of view - **medium**

Supplementary Photos from Viewpoint

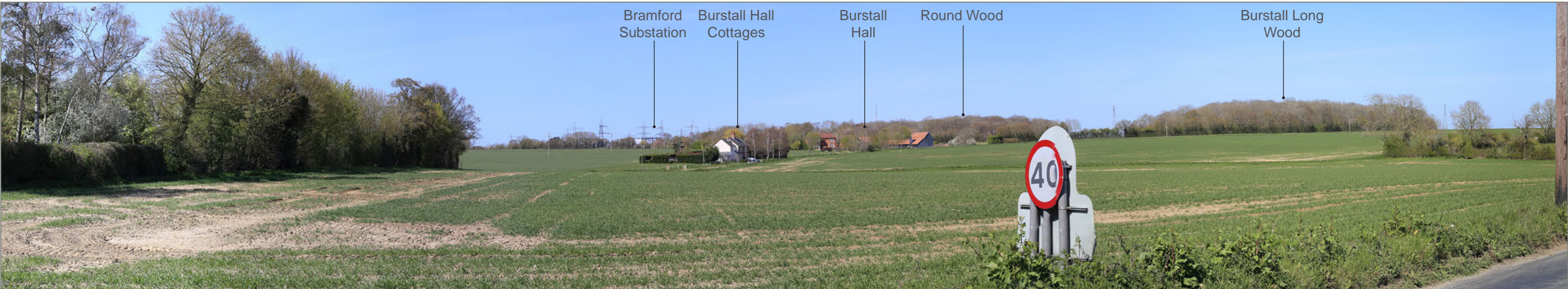


Properties on The Street have boundary vegetation which screens and filters views.



To the right of the view, additional 132kV pylons are visible associated with the PLD Bramford to Ipswich and PHB Bramford to Cliff Quay lines.

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



Description of Effects

Construction Year

Receptors would have distant views of the upper parts of the taller construction equipment used to modify/realign the existing 400kV overhead line and construct the new 400kV overhead line close to Bramford Substation but this would only be present at each pylon location for a short period of time. The construction activities would be concentrated on the horizon to the centre-left of the view and would be more noticeable in winter when there is no foliage on the trees. However, only a small part of the view would be affected. 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 modification/realignment of the existing 400kV overhead line and presence of the new 400kV overhead line would slightly increase the number of pylons in the cluster next to Bramford Substation. Although they would be partially obscured in summer when the trees are in full foliage, this would result in an adverse change. Given that pylons are part of the baseline character and due to the distance and presence of intervening vegetation it is anticipated that the magnitude of visual change would be **small**.

Operation - Year 15 (With Mitigation)

The increase in the number of pylons on the skyline close to Bramford Substation would continue to result in an 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)

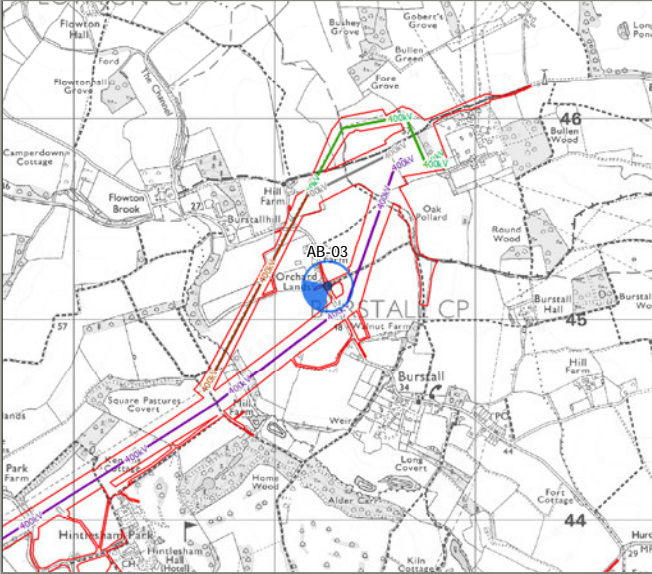


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-03: View from Church Hill looking South-West towards Hintlesham

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	609264, 245165 (52.065311, 1.0515426)
Approx. Elevation	50m AOD
General Direction of View	SW (237°)
Approx. Distance to the Project	70m to LoD / 0m to Order Limits
Time / Date	17.59 / 29 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 Gipping Valley SLA and represents the views experienced by people moving between the communities of Burstall and Burstall Hill, the local community living along Church Hill and users of the local PRow network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

A gap in the hedgerow alongside Church Hill Road, affords long views out across a large and gently rolling arable field. The field slopes away from the viewpoint into the mid-ground where the landform inclines more steeply into the wooded valley of Flowton Brook. The sloping landform foreshortens part of the mid-ground, but the roof of an isolated building is discernible to the centre-left of the view. Beyond the valley to the west of the view is Home Wood in Hintlesham Park whilst Square Pastures Covert can be seen to the right of the view. The existing 400kV overhead line is very noticeable with the pylons forming a cluster on the distant horizon between Home Wood and Square Pastures Covert. In summer, the screening afforded by the hedgerows and trees in the background increases and the existing pylons are slightly more obscured.

Value of view - **medium**

Supplementary Photos from Viewpoint



View from viewpoint north along Church Lane.



View to the north-east of the viewpoint towards Bramford Substation.

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



Description of Effects

Construction Year

This viewpoint is located within the Order Limits on a bellmouth and 8m temporary access route close to the route of the new 400kV overhead line. Receptors would have views of the construction of the new 400kV overhead line and temporary access route in the field in the foreground. The construction activities would extend into the mid-ground where tree removal along Flowton Brook would be noticeable and the upper parts of the taller equipment used to construct the pylons would be visible on the skyline to the left of the existing 400kV overhead line, which would undergo modification. Additionally, there would be removal of a section of the hedgerow further south along the road to create the bellmouth for the temporary access route. Overall, although the construction activities would be temporary, short term

and reversible, their prominence would result in a **medium-large** magnitude of adverse visual change.

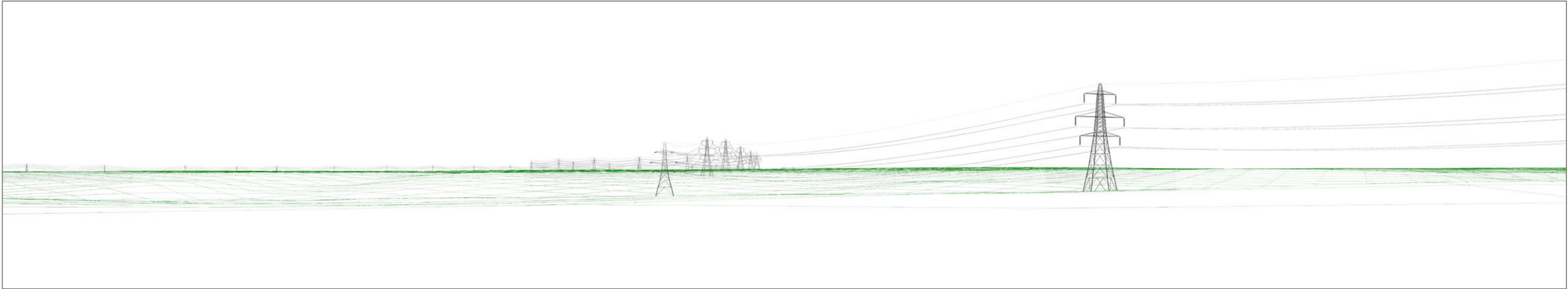
Operation - Year 1 (Without Mitigation)

The presence of the new 400kV overhead line means that a new 400kV pylon would be situated in the middle of the field and additional pylons would be noticeable in the skyline cluster. It is anticipated that the magnitude of adverse visual change would be **medium-large**.

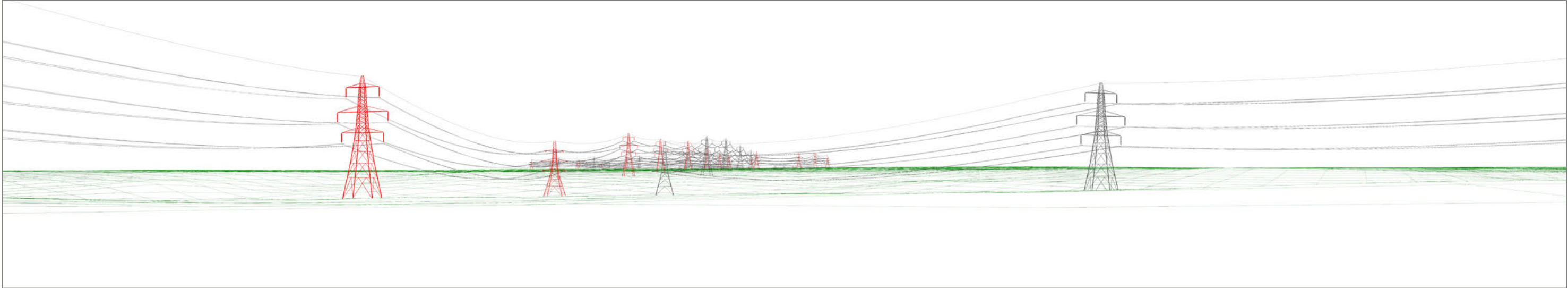
Operation - Year 15 (With Mitigation)

The increase in the number of pylons in the view would continue to result in an adverse change and therefore, the **medium-large** 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)

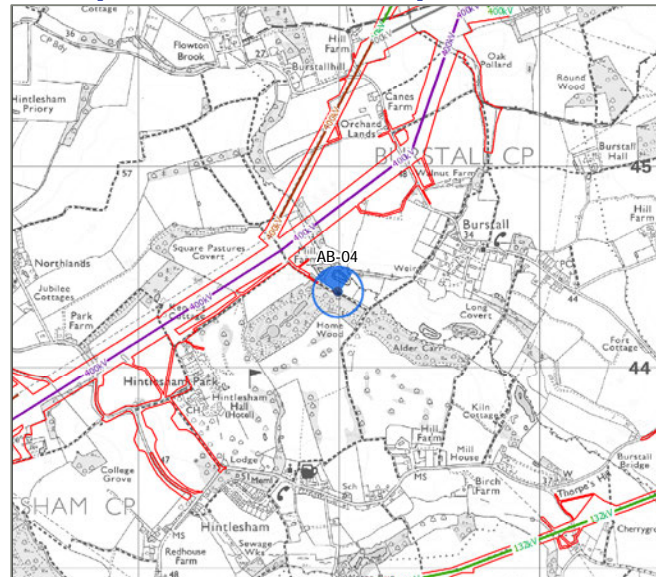


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



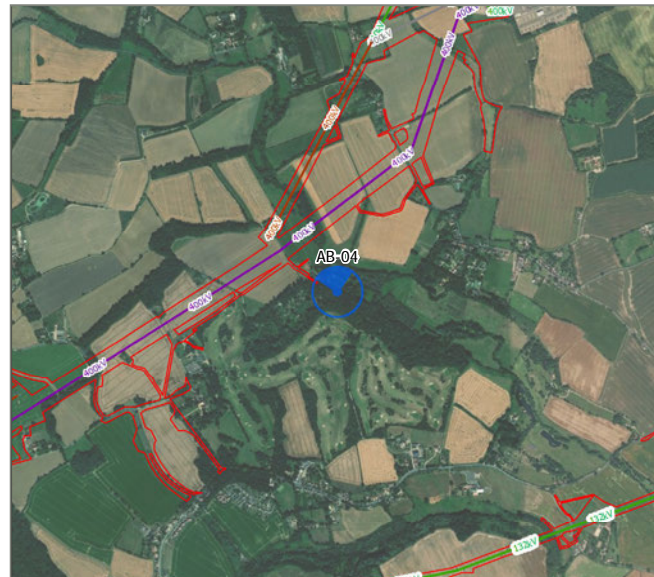
Viewpoint AB-04: View from the PRow near Mill Farm at Hintlesham

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	608987, 244371 (52.058286, 1.047025)
Approx. Elevation	32m AOD
General Direction of View	NW (349°)
Approx. Distance to the Project	280m to LoD / 105m to Order Limits
Time / Date	13.33 / 22 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 Gipping Valley SLA 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

The foreground comprises buildings, land, and ponds associated with Mill Farm which is situated in the shallow valley of Flowton Brook. Beyond the trees and ponds, the land rises and pylons on the existing 400kV overhead line are seen on the skyline. To the left of the view, Square Pastures Covert is discernible in the background with woodland along Flowton Brook extending up the hillside in the centre of the view. Due to the amount of vegetation, there are some seasonal variations, and visibility is greater in winter than it is in summer.

Value of view - **medium**

Supplementary Photos from Viewpoint



View to the north-west of the viewpoint showing the route of the footpath leading past Mill Farm.

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



Description of Effects

Construction Year

Receptors would have foreground and mid-ground views of the construction of the new 400kV overhead line and modification/realignment of the existing 400kV overhead line. The construction activities would be temporary, short term and reversible, resulting in a **medium** magnitude of adverse visual change.

Operation - Year 1 (Without Mitigation)

The presence of the new 400kV overhead line means that additional pylons would be prominent to the right of the view. Although partially obscured by the intervening vegetation, particularly in summer when the trees are in full foliage, the presence of the new pylons on the skyline represents an adverse change. Due to their proximity, it is anticipated that the magnitude of adverse visual change would be **medium-large**.

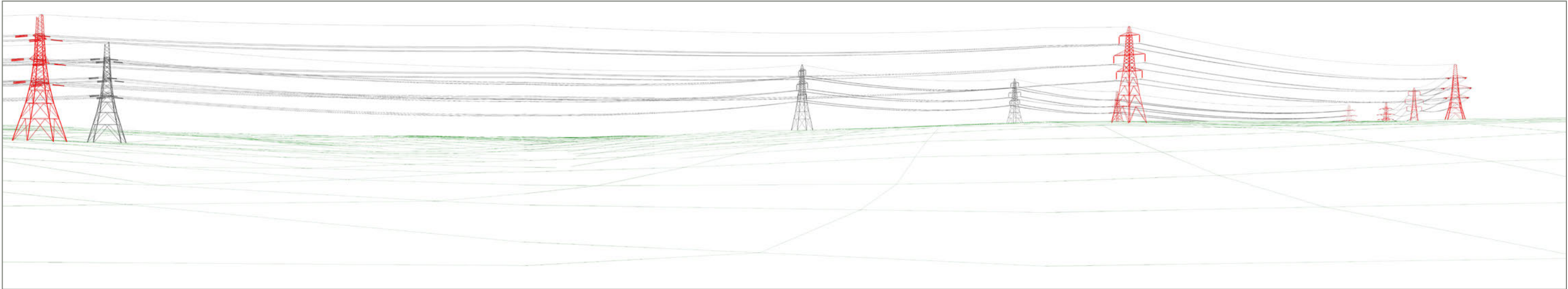
Operation - Year 15 (With Mitigation)

The increase in the number of pylons in the view would continue to result in an adverse change and therefore, the **medium-large** 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)

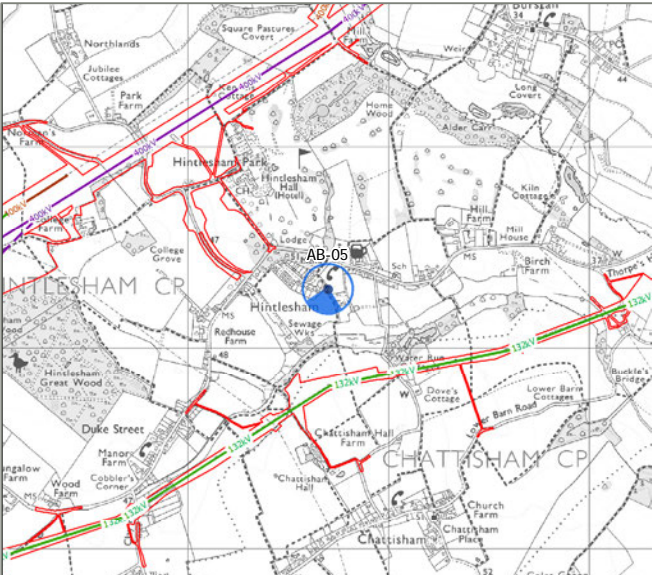


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-05: View Looking South from the Edge of Hintlesham

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	608696, 243292 (52.048711, 1.042129)
Approx. Elevation	51m AOD
General Direction of View	S (193°)
Approx. Distance to the Project	1035m to LoD / 330m to Order Limits
Time / Date	13.03 / 22 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 Gipping Valley SLA and represents the views experienced by people living and moving around the community of Hintlesham and users of the local PRow network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The gently rolling arable field in the foreground is bordered by hedgerows with trees and is crossed by a wood pole line. A footpath follows the left side of the field. Vegetation within the rear gardens of properties fronting onto Timperleys contains the right side of the view. The linear tree belt in the mid-ground marks the course of Spring Brook, a tributary of Belstead Brook. Dwellings and farm buildings along Chattisham Lane are discernible between the trees. The existing 132kV overhead line crosses the mid-ground view, with the lower parts of the pylons variably obscured by the vegetation along Spring Brook. Due to the amount of vegetation, there are some seasonal variations, and visibility is greater in winter than it is in summer.

Value of view - **medium**

Supplementary Photos from Viewpoint



Boundary vegetation screens and filters views from properties to the right of the viewpoint.

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



Description of Effects

Construction Year

Receptors would have 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 visible on the skyline in the mid-ground but would be partially obscured by the vegetation along Spring Brook, particularly in summer when in full foliage. It is therefore anticipated that the visual change would be adverse, and the magnitude of change would be **small**.

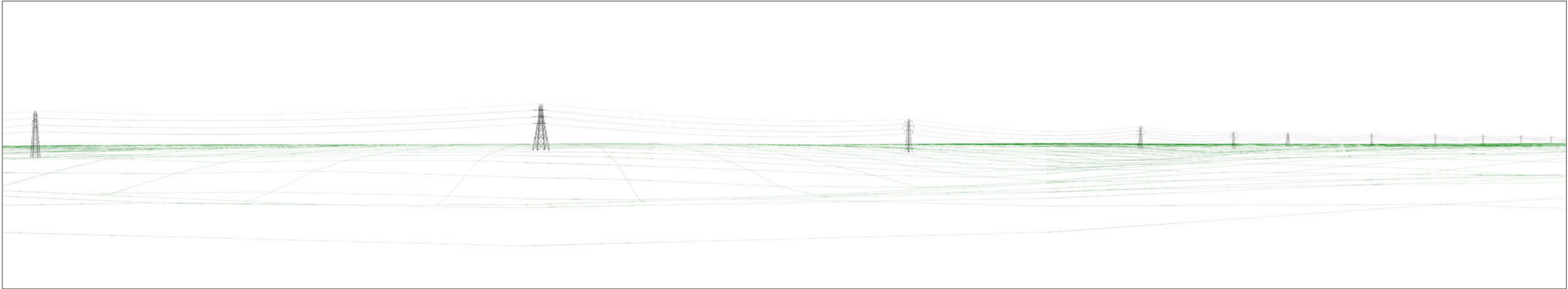
Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line means that pylons would no longer be an element in the view, resulting in a beneficial change. Due to the distance and presence of intervening vegetation, it is anticipated that the magnitude of beneficial visual change would be **medium**.

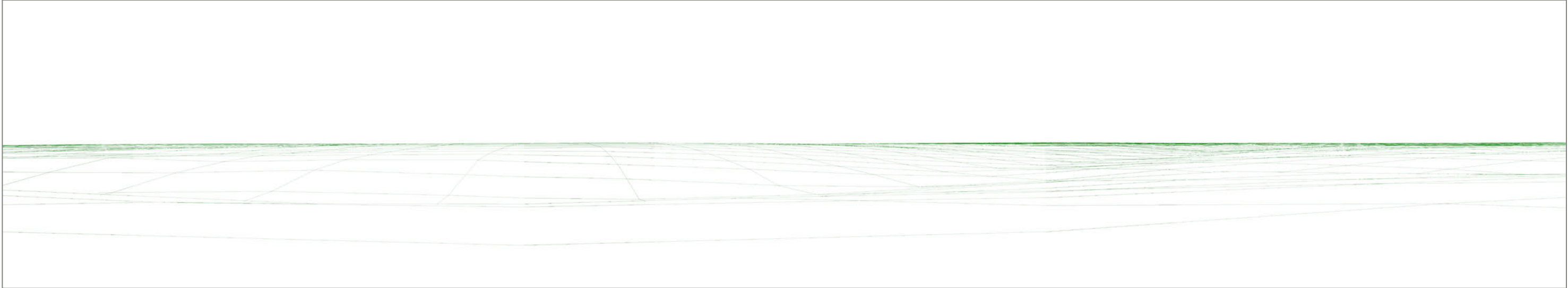
Operation - Year 15 (With Mitigation)

The absence of the existing 132kV pylons 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)

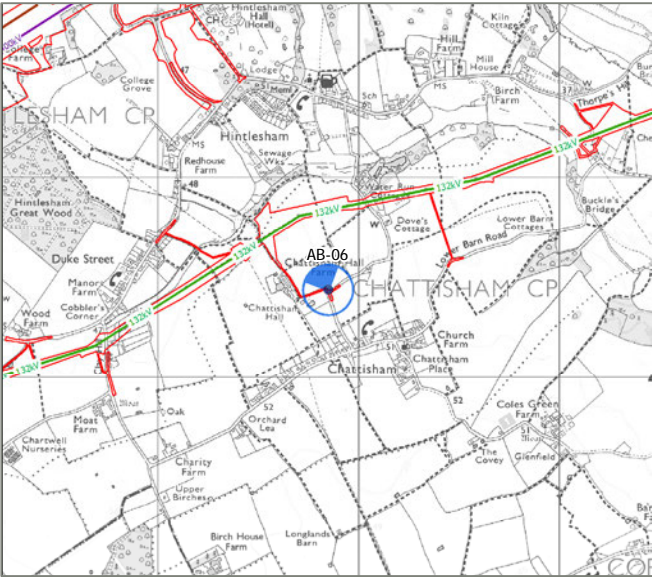


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-06: View Looking North from Chattisham Lane

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	608845, 242443 (52.041028, 1.043775)
Approx. Elevation	52m AOD
General Direction of View	N (336°)
Approx. Distance to the Project	1830m to LoD / 0m to Order Limits
Time / Date	10.27 / 28 April 2021
Weather / Visibility	Overcast / Very Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

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

Description of Visual Baseline

The large arable field extends into the mid-ground where dwellings along the edge of Hintlesham, including a row of recently constructed properties, are visible beyond the linear tree belt which marks the course of Spring Brook, a tributary of the Belstead Brook. Buildings associated with Chattisham Hall Farm and Chattisham contain the left side of the view with dwellings and farm buildings along Chattisham Lane discernible between the trees. The existing 132kV overhead line crosses the foreground field before extending further away from the viewpoint to the right of the view. In the background the existing 400kV overhead line is visible on the horizon with the lower parts of the pylons variably obscured by the intervening vegetation. To the right of the view, multiple 132kV and 400kV overhead lines converge on Bramford Substation, although the substation itself is obscured by woodland along Spring Brook and Belstead Brook. Further overhead lines are discernible on the distant skyline to the right of the view. Foreground views remain open in summer, but in the mid-ground, the screening afforded by the hedgerows and trees increases and the pylons are more obscured. The components of the view however remain largely unchanged. Seasonal variation is therefore limited.

Value of view - **medium**

Supplementary Photos from Viewpoint



View to the west of the viewpoint towards Chattisham Hall Farm.



View to the east of the viewpoint towards the existing overhead line.

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



Description of Effects

Construction Year

This viewpoint is located within the Order Limits at a bellmouth on a 4m temporary access route. Receptors would have foreground and mid-ground views of the works to dismantle the existing 132kV overhead line and long-range views of the upper parts of the taller equipment used to construct the more distant 400kV overhead line, but this would only be present at each pylon location for a short period of time. The works would be visible on the skyline but would be partially obscured by the intervening vegetation, particularly in summer when in full foliage. It is therefore anticipated that the visual change would be adverse, and the magnitude of change would be **small**.

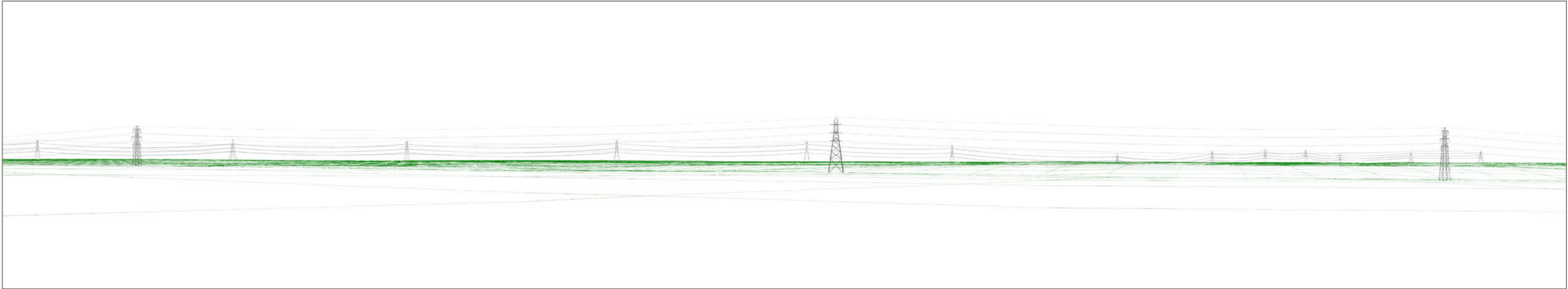
Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line in the foreground and mid-ground and presence of the new 400kV overhead line along broadly the same alignment but further away from the viewpoint would result in a beneficial effect but would not change the composition or character of the view as there would still be two overhead lines present across the view. On balance, due to the distance and presence of intervening vegetation it is anticipated that the magnitude of beneficial visual change would be **medium-small**.

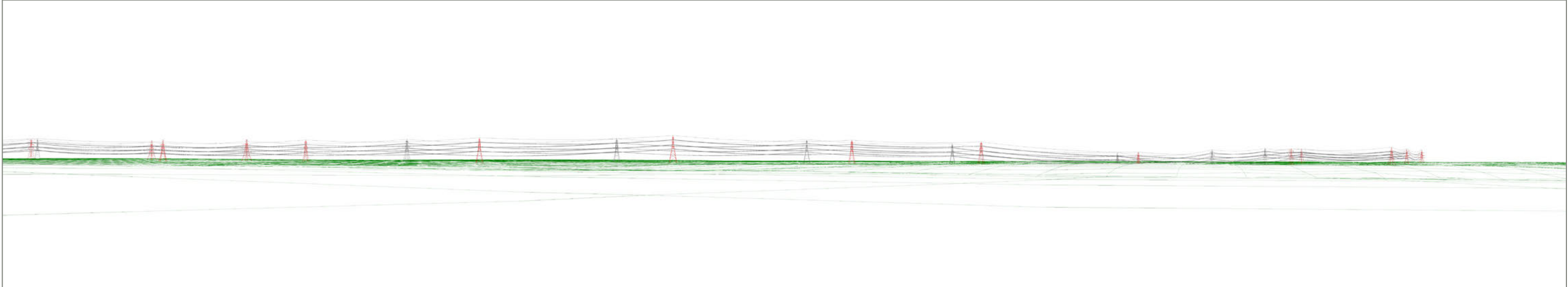
Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly further from the viewpoint would continue to result in an overall 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)

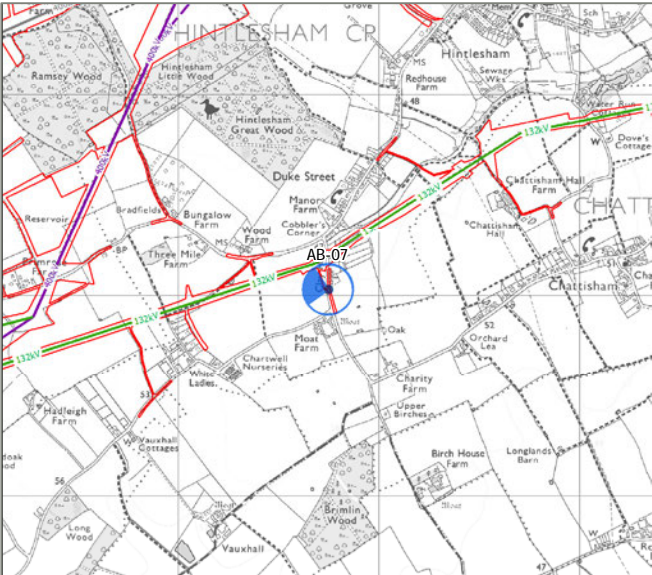


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-07: View Looking West from Clay Hill

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	607744, 242031 (52.037746, 1.027491)
Approx. Elevation	52m AOD
General Direction of View	W (280°)
Approx. Distance to the Project	1430m to LoD / 0m to Order Limits
Time / Date	12.47 / 22 April 2021
Weather / Visibility	Clear / Very Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint represents the views experienced by people living along Clay Hill and people moving between the communities of Chattisham and Cobblers Corner. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The large arable field in the foreground rises gently away from the viewpoint into the mid-ground and is bordered by sparse and overgrown hedgerows. Vegetation within the rear gardens of dwellings fronting on to California Lane contains views in the mid-ground with glimpses of buildings present between the trees. To the left of the view, Long Wood is distantly visible on the skyline. The existing 132kV overhead line crosses the farmland in the mid-ground, converging with the existing 400kV overhead line to the right of the properties along California Lane. The lower parts of the pylons are variably obscured by the intervening field boundary vegetation. Due to the amount of vegetation, there are some seasonal variations, and visibility is greater in winter than it is in summer.

Value of view - **medium**

Supplementary Photos from Viewpoint



View south from the viewpoint towards Moat Farm.



View north from the viewpoint along Clay Hill showing residential properties.

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



Description of Effects

Construction Year

This viewpoint is located at a bellmouth on a 4m temporary access route and is within the Order Limits. Receptors would have mid-range views of the works to dismantle the existing 132kV overhead line. They would also have long-range views of the upper parts of the taller equipment used to construct the new 400kV overhead line to the west of Ramsey Wood and modify/realign the existing 400kV overhead line. The works would be perceived as a series of discrete sites across a wide angle of view and would be partially obscured by the intervening 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 would result in fewer pylons being present in the mid-ground, which would result in a beneficial change. The new 400kV overhead line to the west of Ramsey Wood would be visible in long-range views. More pylons would potentially be seen on the distant skyline but these would not be a prominent or uncharacteristic element and would be partially obscured by the intervening vegetation. On balance, it is anticipated that the change to the view would be beneficial, and the magnitude of visual change would be **medium**.

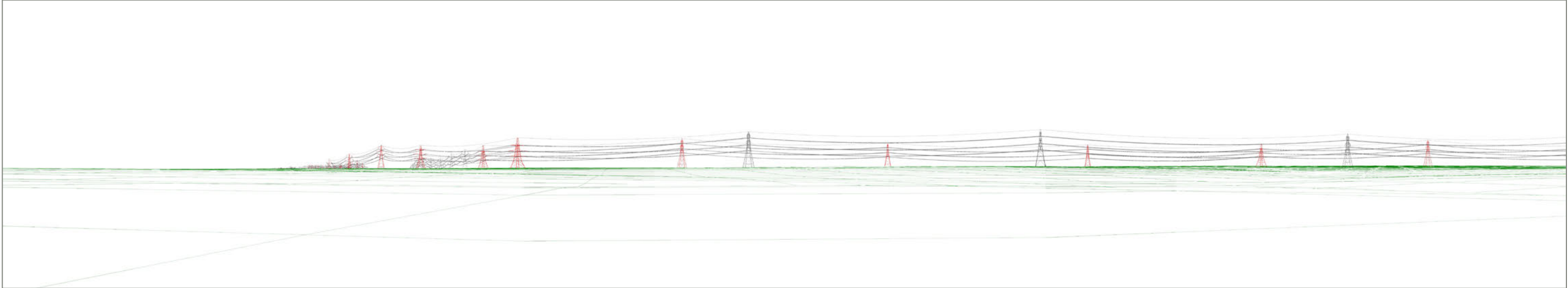
Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line from the mid-ground would continue to result in an overall 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)

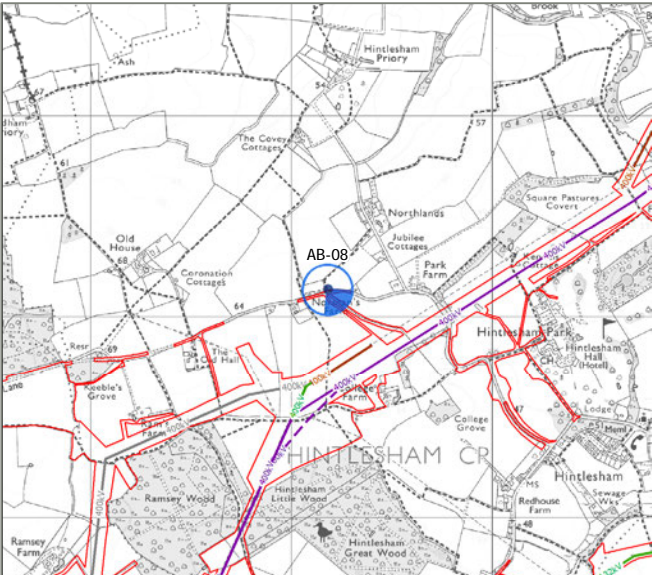


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-08: View from the A1071, near Norman’s Farm

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	607180, 244137 (52.056864, 1.020558)
Approx. Elevation	58m AOD
General Direction of View	SE (139°)
Approx. Distance to the Project	305m to LoD / 5m to Order Limits
Time / Date	16.05 / 28 April 2021
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint represents the views experienced by people living and moving around the dispersed community to the north-west of Hintlesham, and people using the A1071 and local PRoW network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The absence of roadside hedgerows along the A1071 affords views across a gently rolling arable field which rises gently into the mid-ground where woodland including Hintlesham Wood and College Grove contain longer views. Buildings associated with Park Farm can be seen further along the road to the left of the view and Hintlesham Barns is on the far side of the field. The existing 400kV overhead line and a wood pole line along the road are prominent on the skyline. Just out of the field of view to the right, a cluster of 400kV pylons can be seen in the mid-ground as the existing 400kV line passes between Ramsey Wood and Hintlesham Wood. In summer, the screening afforded by the hedgerows and trees in the mid-ground increases, although this has little effect on the prominence of the existing pylons.

Value of view - **medium**

Supplementary Photos from Viewpoint



View north-east from the viewpoint towards Jubilee Cottages and Northlands.

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



Description of Effects

Construction Year

This viewpoint is located close to the Order Limits at a bellmouth on an 8m temporary access route. Receptors would have views of the works to modify the existing 400kV overhead line including the presence of the 8m temporary access route which would cross the field. Construction of the new 400kV overhead line would also be visible in the mid-ground (to the right and out of the field of view) but would be partially obscured by the intervening vegetation. The works to the pylons in the foreground would be very noticeable but would be short-term and temporary, whilst the access road and associated vehicle movements would be present for the duration of the construction works. Due to the openness of the view and proximity to the temporary access route, 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 modifications to the existing 400kV overhead line would increase the number of pylons present in the view. Pylons on the new 400kV overhead line would also be visible in the mid-ground (to the right and out of field of view) but would be partially obscured by the intervening vegetation. It is anticipated that the magnitude of adverse visual change would be **medium-large**.

Operation - Year 15 (With Mitigation)

The presence of the new 400kV overhead line would continue to result in an adverse change. The pylons would remain prominent and therefore, the **medium-large** 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)

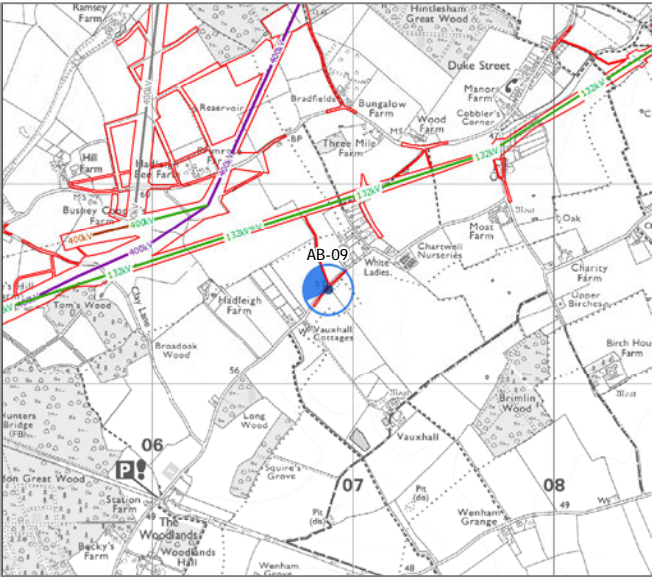


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-09: View from Woodlands Road, to the West of Chattisham

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	606873, 241476 (52.033092, 1.014486)
Approx. Elevation	52m AOD
General Direction of View	NW (292°)
Approx. Distance to the Project	690m to LoD / 0m to Order Limits
Time / Date	12.38 / 22 April 2021
Weather / Visibility	Clear / Excellent
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint represents the views experienced by residents of properties along Woodlands Lane and users of the lane which is also an NCN Route. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The foreground comprises a large arable field bordered by hedgerows. This extends into the mid-ground where the landform slopes away from the viewpoint and foreshortens the mid-ground and background so that only the tops of trees and the roof of a dwelling are visible. The absence of a mid-ground or background view accentuates the presence of the existing 132kV and more distant 400kV overhead lines which cross the view. In summer, the screening afforded by the hedgerows and trees in the mid-ground increases but has little effect on the visibility of the existing pylons.

Value of view - **medium**

Supplementary Photos from Viewpoint



View from the viewpoint south-west along Woodlands Road towards Vauxhall Cottages.

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



Description of Effects

Construction Year

This viewpoint is located on the edge of the Order Limits close to a 4m temporary access route. Receptors would have long-range views of the upper parts of the taller equipment used to modify/realign the existing 400kV overhead line and construct the new 400kV overhead line to the west of Ramsey Wood. More noticeable would be the dismantling of the existing 132kV overhead line in the mid-ground. The works would be perceived as a series of discrete sites across a wide angle of view and would be partially obscured by the intervening 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 benefits of removing the existing 132kV overhead line would be slightly outweighed by the disbenefits of introducing the new 400kV overhead line. This is because the larger 400kV pylons would appear similar in size to the 132kV pylons despite being further from the viewpoint and partially obscured by the intervening vegetation. On balance, it is anticipated that the magnitude of adverse visual change would be **small**.

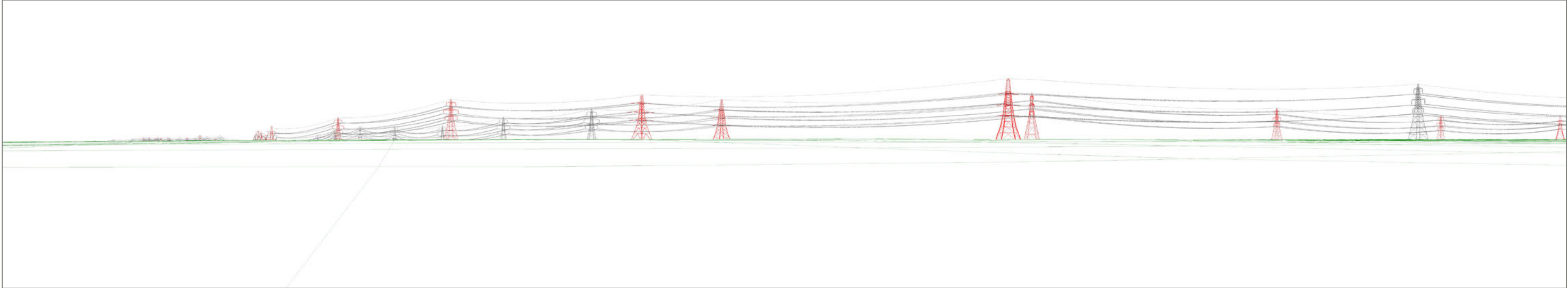
Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line from the mid-ground and presence of the new 400kV overhead line 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)

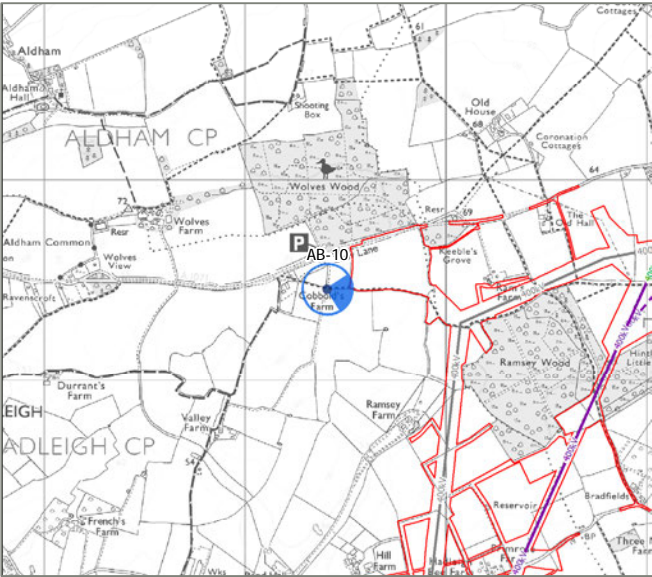


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-10: View from the PRow South of the A1071, near Cobbold’s Farm

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	605411, 243456 (52.051410, 0.994385)
Approx. Elevation	67m AOD
General Direction of View	E (102°)
Approx. Distance to the Project	630m to LoD / 110m to Order Limits
Time / Date	15.18 / 28 April 2021
Weather / Visibility	Overcast / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint represents the views experienced by people using the local PRow network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

A gap in the hedgerow affords long views out across a large arable field which is bordered by hedgerows with occasional trees. In the mid-ground the arable farmland with occasional dwellings and farm buildings extends to a low horizon which is formed by Ramsey Wood to the left of the view and the more distant Brimlin Wood, Tom’s Wood and Raydon Great Wood to the centre and right of the view. The existing 400kV overhead line crosses the background view and the tops of the pylons can be seen above Ramsey Wood. Occasional pylons on the existing 132kV overhead line can also be discerned to the right of Ramsey Wood. In summer, the screening afforded by the hedgerows and trees in the mid-ground increases but has little effect on the visibility of the existing pylons.

Value of view - **medium**

Supplementary Photos from Viewpoint



View east from the viewpoint along the footpath.

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



Description of Effects

Construction Year

Receptors would have views of the works to construct the new 400kV overhead line which would be most noticeable in the mid-ground in front of Ramsey Wood and long-range views of the upper parts of the taller equipment used to modify/realign the existing 400kV overhead line. Dismantling of the existing 132kV overhead line in the background would also be discernible. The works would be perceived as a series of discrete sites across a wide angle of view and would be partially obscured by the intervening vegetation. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **small**.

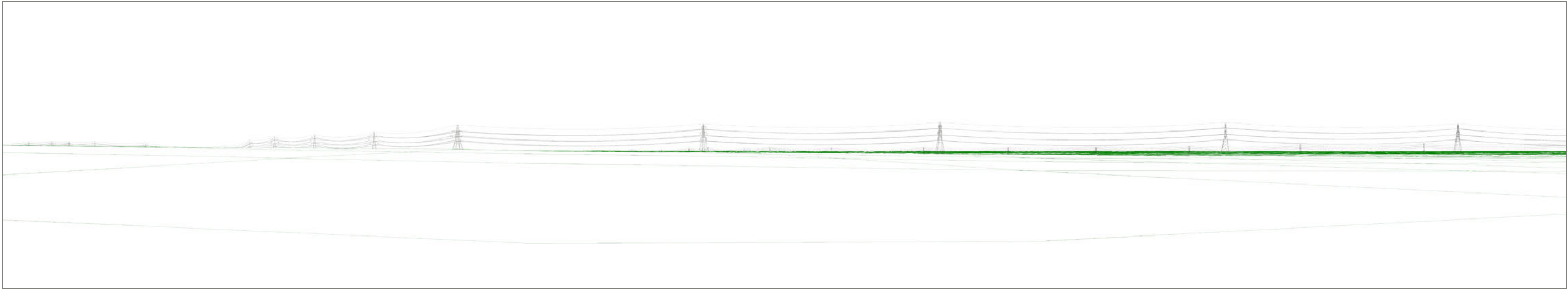
Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line would result in fewer pylons being present in the background but given the distance this would have little effect on the view. The modification/realignment of the existing 400kV overhead line would result in no discernible change to the view. The most noticeable change would be the presence of the new 400kV overhead line in the mid-ground which would introduce larger and more prominent pylons into the view. The new pylons would be in front of Ramsey Wood and would be seen as a cluster extending away from the viewpoint (to the left out of field of view) but would not be an uncharacteristic element. On balance it is anticipated that the change to the view would be adverse, and the magnitude of visual change would be **medium**.

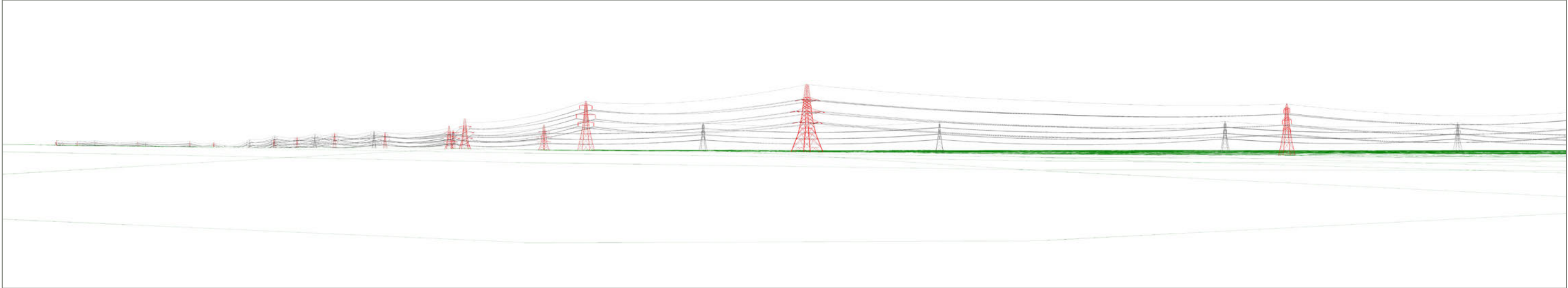
Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line from the background and presence of the new 400kV overhead line into the mid-ground view would continue to result in an overall adverse 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)

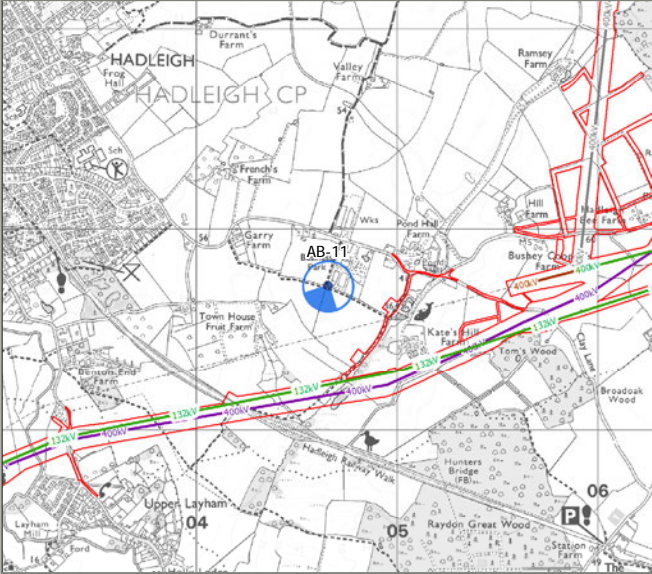


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



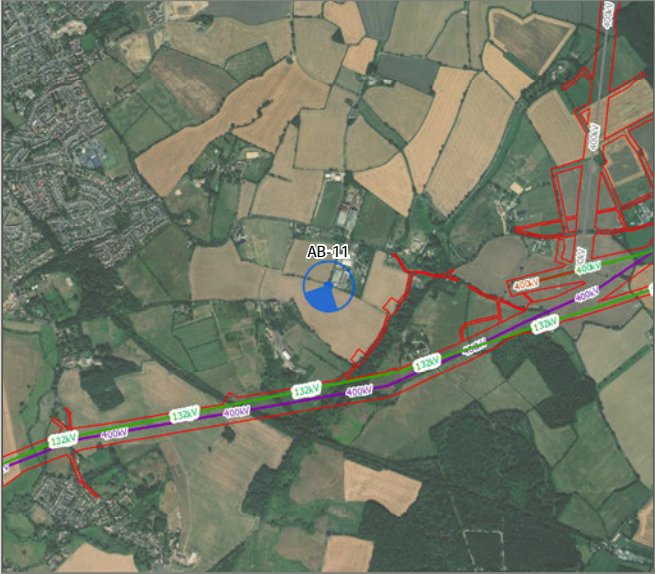
Viewpoint AB-11: View from the PRow near the Business Park on Pond Hall Road

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	604654, 241719 (52.036091, 0.982329)
Approx. Elevation	53m AOD
General Direction of View	SW (207°)
Approx. Distance to the Project	485m to LoD / 295m to Order Limits
Time / Date	11.19 / 22 April 2021
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint represents the views experienced by people using the local PRow network to the south-east of Hadleigh. These receptors are of **medium** susceptibility to the project.

Description of Visual Baseline

The foreground comprises an arable field bordered by hedgerows and trees with a footpath running along the edge of the field. The field slopes gently away from the viewpoint before inclining more steeply into a small tributary valley of the River Brett. A building is just perceptible on the far right of the view. Beyond the field, the mid-ground horizon is formed by trees and small woodlands along the Hadleigh Railway Walk and around Town House Fruit Farm. To the left of the view, the background comprises small-scale rolling pastures bordered by hedgerows. The existing 400kV and more distant 132kV overhead line cross the view, with pylons variably obscured by the intervening vegetation. The 400kV pylons in the foreground are prominent skyline features. Foreground views remain open in summer but in the mid-ground, the screening afforded by the hedgerows and trees increases but has little effect on the visibility of the pylons. Seasonal variation is therefore limited.

Value of view - **medium**

Supplementary Photos from Viewpoint



View south-east along the footpath.

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

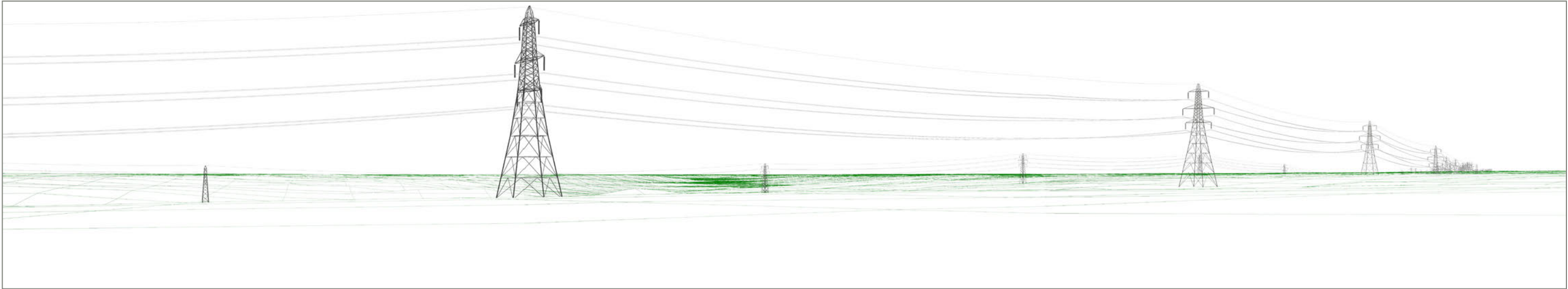
Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line along broadly the same alignment means that the new 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 prominent in the foreground and due to the distance and presence of intervening vegetation it is anticipated that the magnitude of visual change would be **small**.

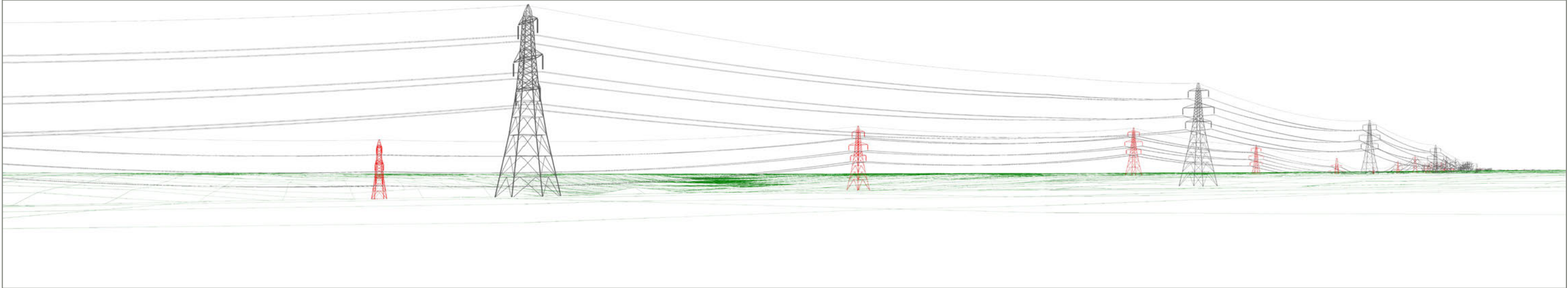
Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly further away 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)

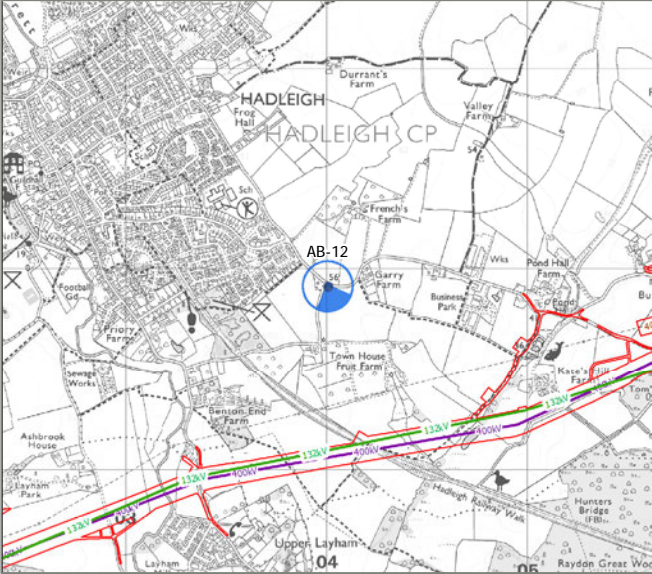


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-12: View from the Junction of Hook Lane and Pond Hall Road

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	604005, 241914 (52.038086, 0.972994)
Approx. Elevation	55m AOD
General Direction of View	SE (158°)
Approx. Distance to the Project	790m to LoD / 740m to Order Limits
Time / Date	11.04 / 22 April 2021
Weather / Visibility	Clear / Excellent
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located on the boundary of the Brett Valley SLA and represents the views experienced by people using the local PRoW and road network to the south-east of Hadleigh. These receptors are of **medium** susceptibility to the project.

Description of Visual Baseline

The large and gently rolling arable field in the foreground is bordered by intermittent hedgerows with trees and crossed by an informal footpath to the left of the view. The higher coverage of trees on the right side of the field is associated with Town House Fruit Farm. The field continues into the mid-ground where it slopes away from the viewpoint toward a shallow tributary valley of the River Brett. The sloping landform foreshortens the mid-ground although some of the valley floor farmland is visible beyond the buildings associated with Town House Fruit Farm. Beyond the valley, the land rises to a low well-wooded horizon which includes Tom's Wood and Raydon Great Wood. The existing 400kV overhead line crosses the view and the pylons are very noticeable on the skyline. The more distant 132kV overhead line also crosses the view but the pylons are seen against a backdrop of landform and vegetation which substantially reduces their prominence. Due to the amount of vegetation, there are some seasonal variations, and visibility is greater in winter than it is in summer.

Value of view - **medium**

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

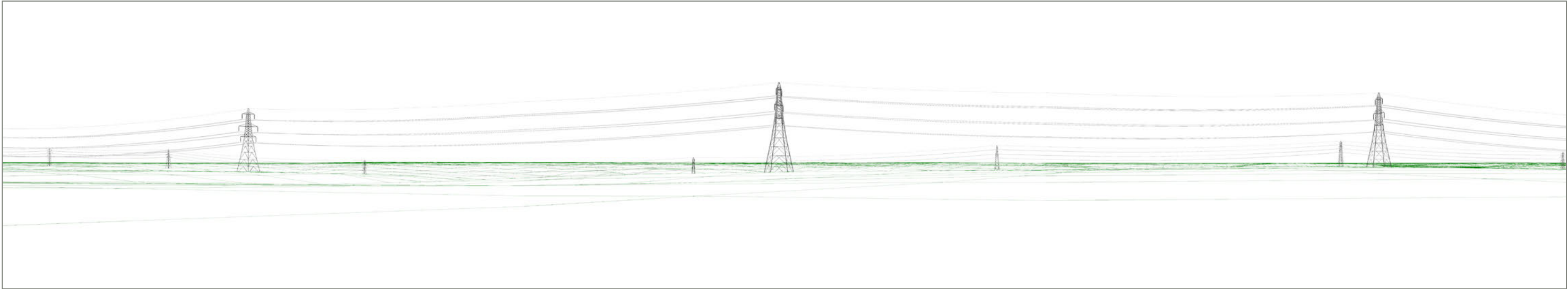
Operation - Year 1 (Without Mitigation)

The tops of pylons on the new 400kV overhead line would be seen in long-range views. More pylons would potentially be seen on the distant skyline but these would not be a prominent or uncharacteristic element and would be partially obscured by vegetation. This would result in an adverse change but given that pylons are part of the baseline character and due to the distance and presence of intervening vegetation it is anticipated that the magnitude of this visual change would be **small**.

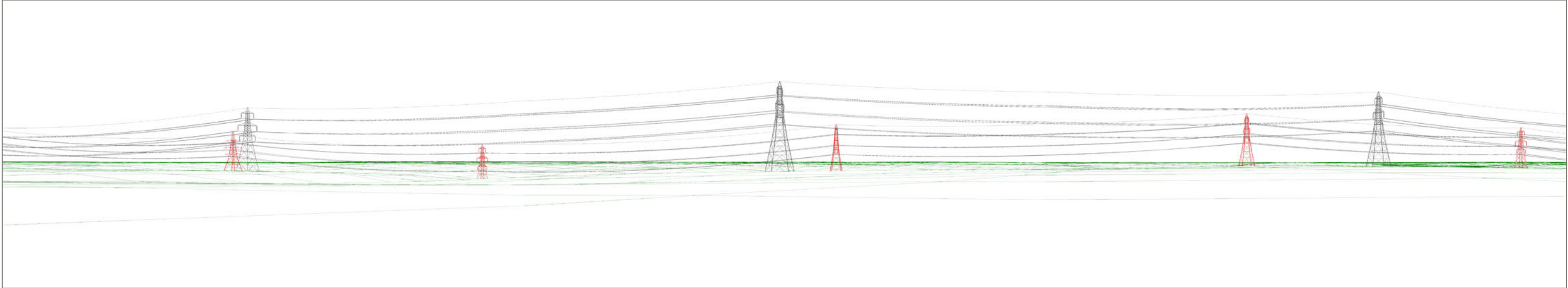
Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly further away 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)

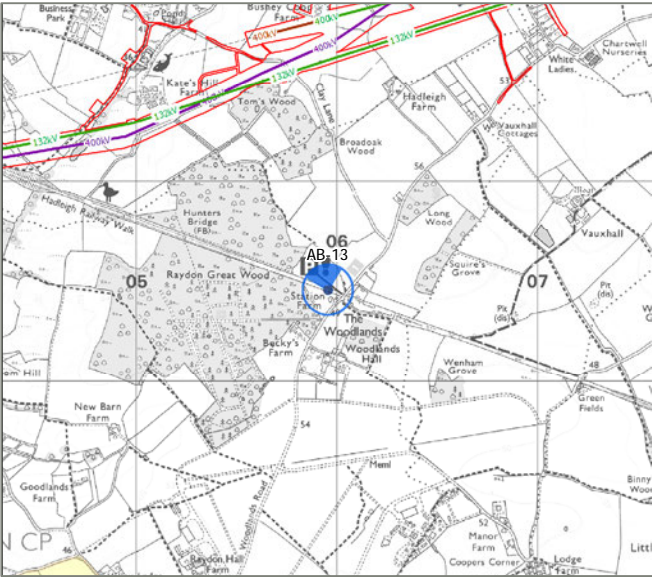


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-13: View from the Eastern end of Hadleigh Railway Walk

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	605954, 240463 (52.024332, 1.000496)
Approx. Elevation	50m AOD
General Direction of View	N (346°)
Approx. Distance to the Project	1065m to LoD / 1055m to Order Limits
Time / Date	09.57 / 22 April 2021
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint represents the views experienced by people using Hadleigh Railway Walk, a promoted local route which forms part of the National Cycle Network Route (NCN Route) and is a local nature reserve. It is also representative of views experienced by people using the NCN Route along Woodlands Road. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

A gap in the roadside hedgerow affords views across a small arable field bounded by tall hedgerows and the edge of Raydon Great Wood to the west. The vegetation curtails most longer views, although in winter the darker conifers in Broadoak Wood are just visible on the horizon. There are glimpses of the tops of pylons on the 132kV and more distant 400kV overhead lines. Due to the amount of vegetation, there are some seasonal variations, and general visibility is greater in winter than it is in summer.

Value of view - **medium**

Supplementary Photos from Viewpoint



View east from the viewpoint along Hadleigh Railway Walk towards residential properties.

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 construction equipment used to dismantle the existing 132kV overhead line and construct the 400kV 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 the view but because of the intervening distance would be inconspicuous. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

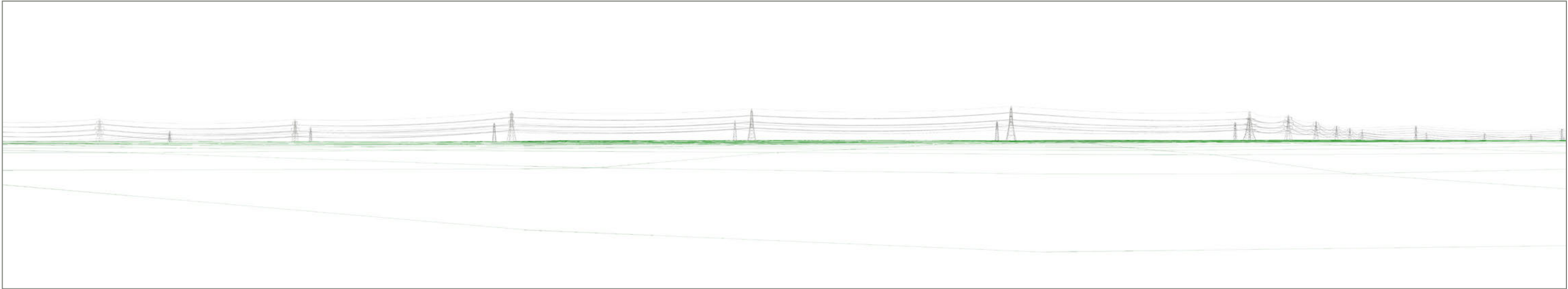
Operation - Year 1 (Without Mitigation)

The tops of pylons on the new 400kV overhead line would be seen in long-range views. More pylons would potentially be seen on the distant skyline but these would not be a prominent or uncharacteristic element and would be partially obscured by vegetation. This would result in an adverse change but given that pylons are part of the baseline character and due to the distance and presence of intervening vegetation it is anticipated that the magnitude of this visual change would be **small**.

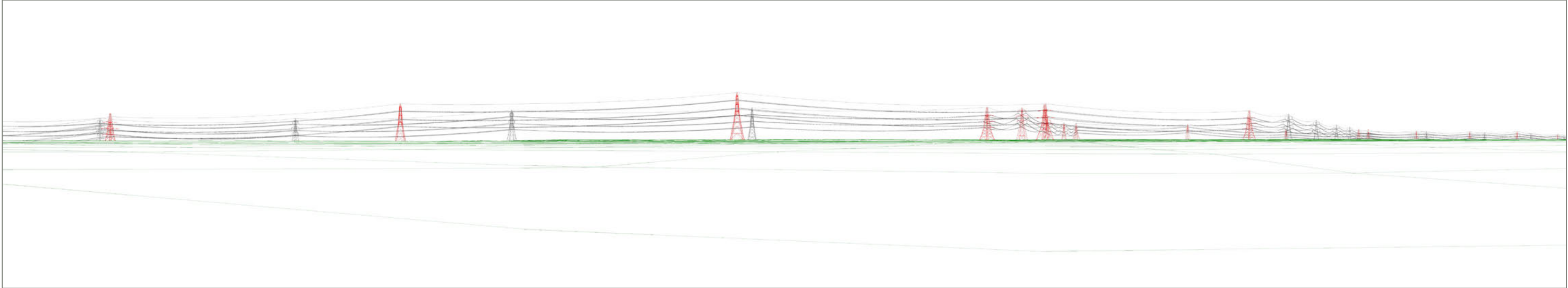
Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line 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)

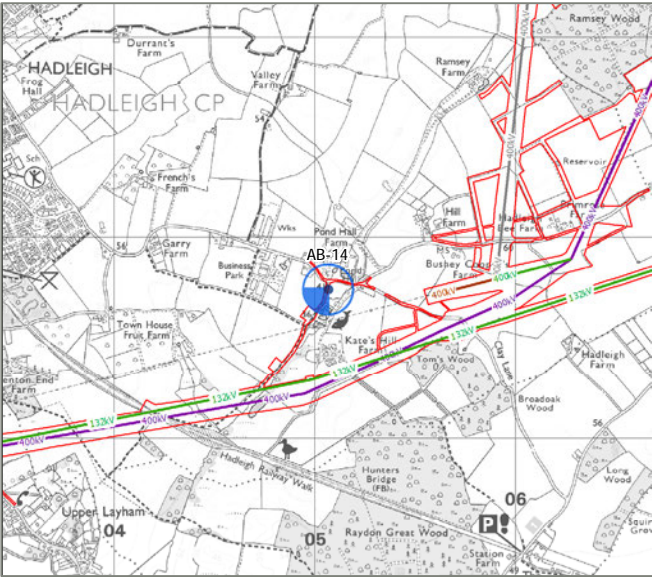


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



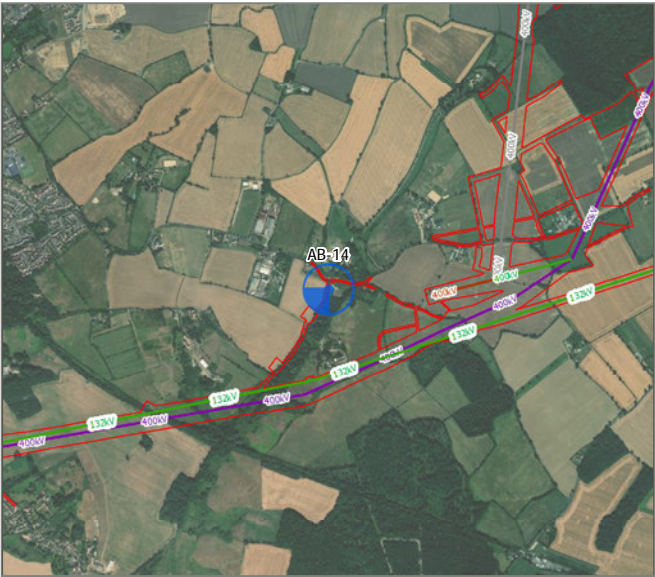
Viewpoint AB-14: View from the PRow off Pond Hall Road, near Pond Hall Farm

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	605064, 241745 (52.036175, 0.988303)
Approx. Elevation	40m AOD
General Direction of View	SW (226°)
Approx. Distance to the Project	375m to LoD / 0m to Order Limits
Time / Date	11.34 / 22 April 2021
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

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

Description of Visual Baseline

The foreground comprises a gently rolling arable field which slopes gently down to a well-wooded tributary valley of the River Brett in the mid-ground to the left of the view. To the right of the view the landform rises gently to a belt of vegetation along the boundary of the adjacent business park. The absence of a mid-ground or background view accentuates the presence of the existing 400kV and more distant 132kV overhead lines on the skyline. In summer, the screening afforded by the hedgerows and trees in the mid-ground increases but has little effect on the visibility of the existing pylons.

Value of view - **medium**

Supplementary Photos from Viewpoint



View north from the viewpoint along footpath towards Pond Hall Road.

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



Description of Effects

Construction Year

This viewpoint is located within in the Order Limits at a bellmouth for an 8m temporary access route. Receptors would have long-range views of the upper parts of the taller construction 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 visible on the distant horizon beyond the existing 400kV overhead line but would be mainly obscured by the intervening vegetation, particularly in summer when the trees are in full foliage. The 8m temporary access route would extend along the boundary of the field to the left of the view and the associated vehicle and plant movements would be visible

in the foreground. It is therefore anticipated that the visual change would be adverse and due to the presence of the access route the magnitude of change would be **medium-small**.

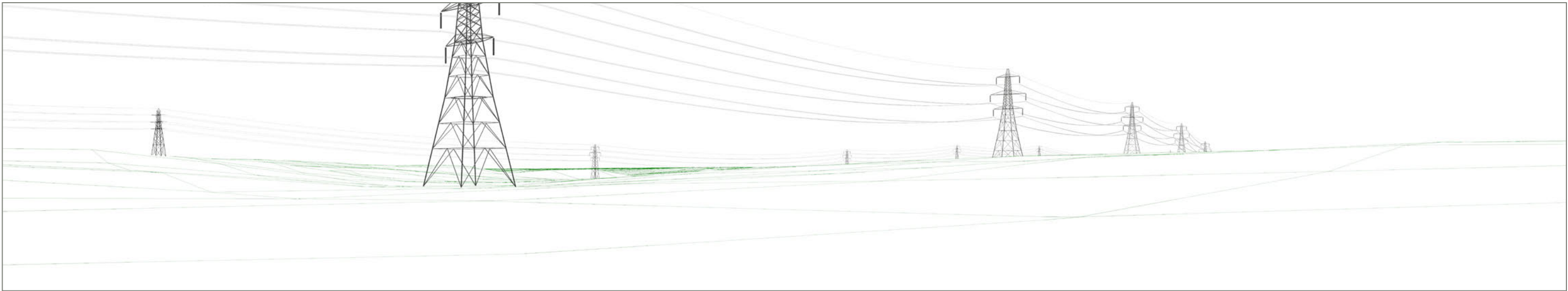
Operation - Year 1 (Without Mitigation)

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

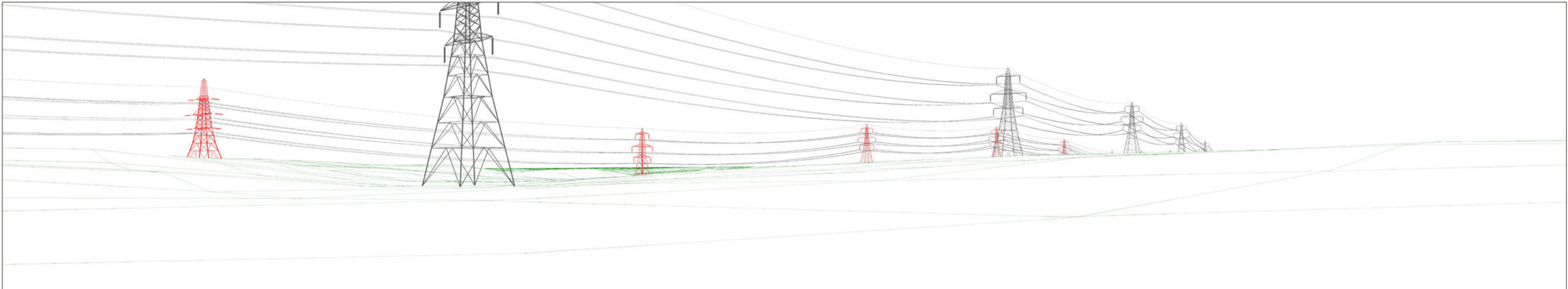
Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line slightly further away 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)

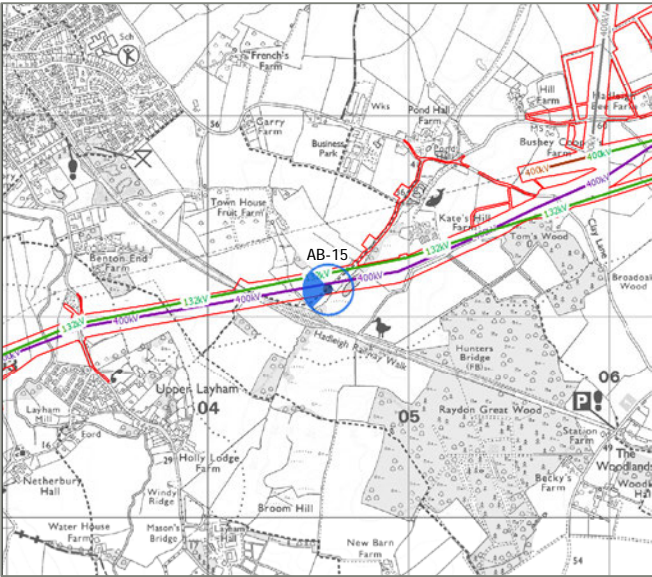


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-15: View from the PRow Linking to Hadleigh Railway Walk

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	604598, 241137 (52.030887, 0.981155)
Approx. Elevation	29m AOD
General Direction of View	W (270°)
Approx. Distance to the Project	0m to LoD / 0m to Order Limits
Time / Date	11.51 / 22 April 2021
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint represents the views experienced by people using the local PRow network between Hadleigh Railway Walk and Pond Hall Lane. These receptors are of **medium** susceptibility to the project.

Description of Visual Baseline

The small pasture in the foreground is bordered by hedgerows with trees and an area of trees and scrub around Town House Fruit Farm. The land rises away from the viewpoint and together with the high vegetation cover contains longer views. The existing 132kV and more distant 400kV overhead lines cross the view and the pylons are prominent on the skyline. In summer, the screening afforded by the hedgerows and trees in the mid-ground increases but has little effect on the visibility of the existing pylons.

Value of view - **medium**

Supplementary Photos from Viewpoint



View north-east along footpath from 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 close to an 8m temporary access route. Receptors would have foreground and mid-ground views of the dismantling of the existing 132kV overhead line and construction of the new 400kV overhead line, but the works would only be present at each pylon location for a short period of time. The presence of the 8m temporary access route and associated vehicle and plant movements would be visible in the foreground and removal of vegetation to create the access route would be noticeable. Overall, although the construction activities would be temporary, short term and reversible, their prominence would result in a **medium** magnitude of adverse visual change.

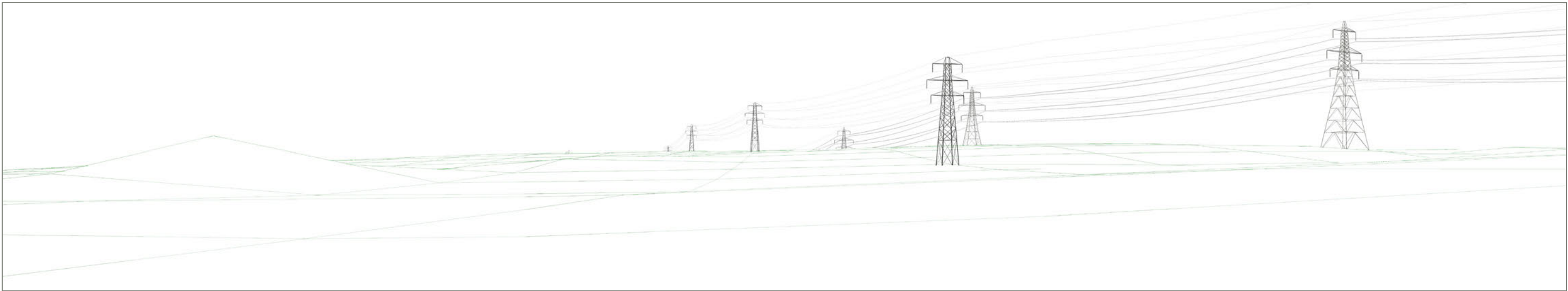
Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line means that the 132kV pylons would be removed from the view but these would be replaced by larger and more prominent pylons closer to the viewpoint. However, pylons are already a key element in the view and additional pylons would not fundamentally change the composition or character of the view. It is therefore anticipated that the magnitude of adverse visual change would be **medium-small**.

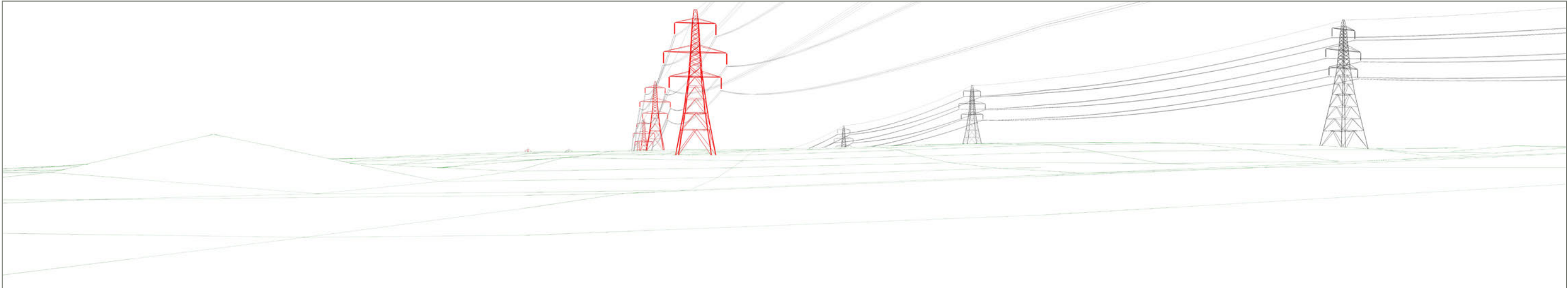
Operation - Year 15 (With Mitigation)

The removal of the existing 132kV overhead line and presence of the new 400kV overhead line closer to the viewpoint would continue to result in an overall adverse 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)

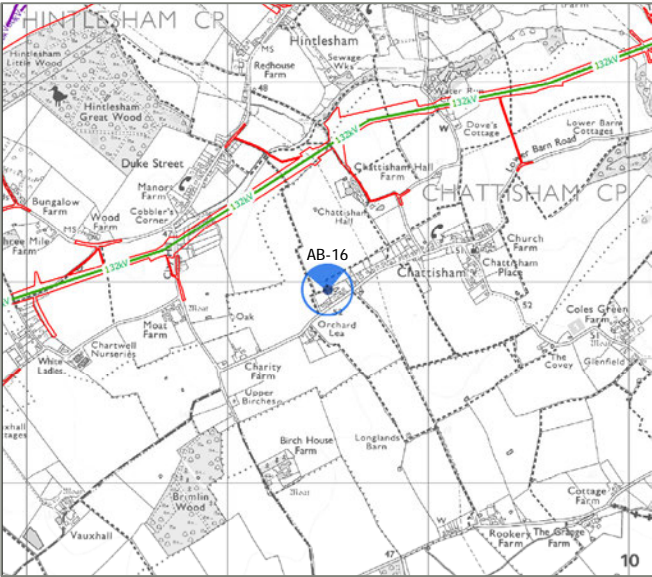


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-16: View from the PRow to the Rear of Properties in Chattisham

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	608499, 241966 (52.036875, 1.038442)
Approx. Elevation	53m AOD
General Direction of View	N (355°)
Approx. Distance to the Project	2000m to LoD / 485m to Order Limits
Time / Date	10.42 / 28 April 2021
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint represents the views experienced by people living and moving around the western end of Chattisham and users of the local PRow network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The large arable field rises gently away from the viewpoint into the mid-ground where dwellings along Duke Street can be seen against a backdrop of Hintlesham Wood. The existing 132kV and more distant 400kV overhead lines are present on the skyline with the pylons variably obscured by the intervening vegetation. 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 - **medium**

Supplementary Photos from Viewpoint



View east from the viewpoint along footpath showing the vegetation cover to the rear of properties along The Street.

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



Description of Effects

Construction Year

Receptors would have mid-range views of the works to dismantle the existing 132kV overhead line and long-range views of the upper parts of the taller equipment used to modify/realign the existing 400kV overhead line and construct the new 400kV overhead line. The works would be perceived as a series of discrete sites across the view but, because of the intervening distance and presence of vegetation, these sites would be inconspicuous. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

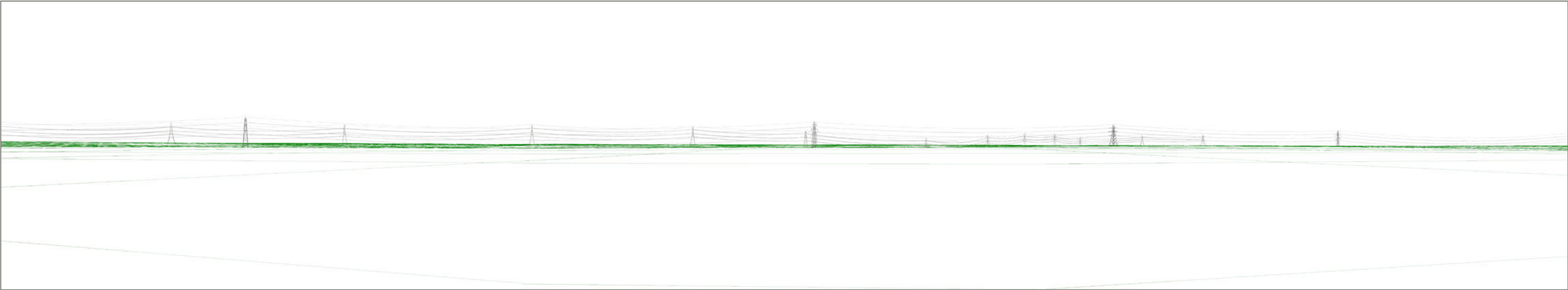
Operation - Year 1 (Without Mitigation)

The removal of the existing 132kV overhead line would result in a beneficial change to the view. The modification/realignment of the existing 400kV overhead line would result in no discernible change to the view. The presence of the new 400kV overhead line means that more pylons would potentially be seen on the distant skyline but these would not be a prominent or uncharacteristic element and would be partially obscured by vegetation. On balance, it is therefore anticipated that the magnitude of beneficial visual change would be **medium-small**.

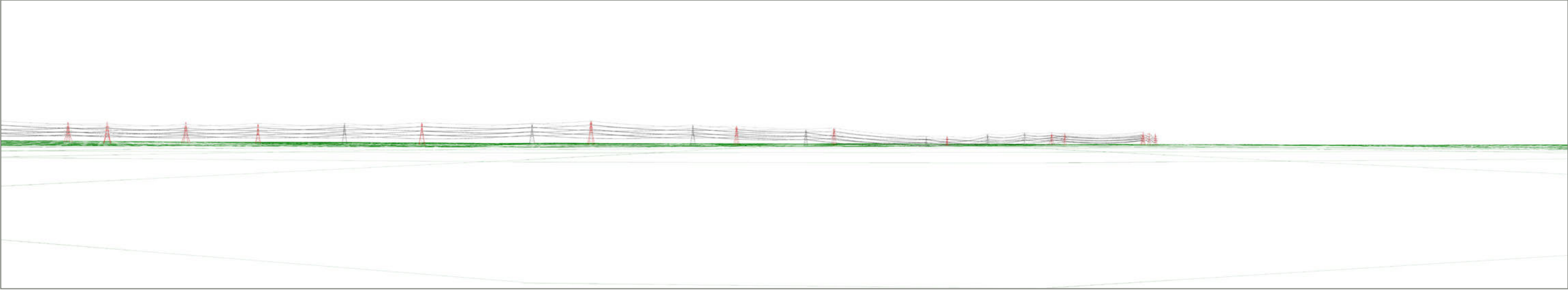
Operation - Year 15 (With Mitigation)

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)

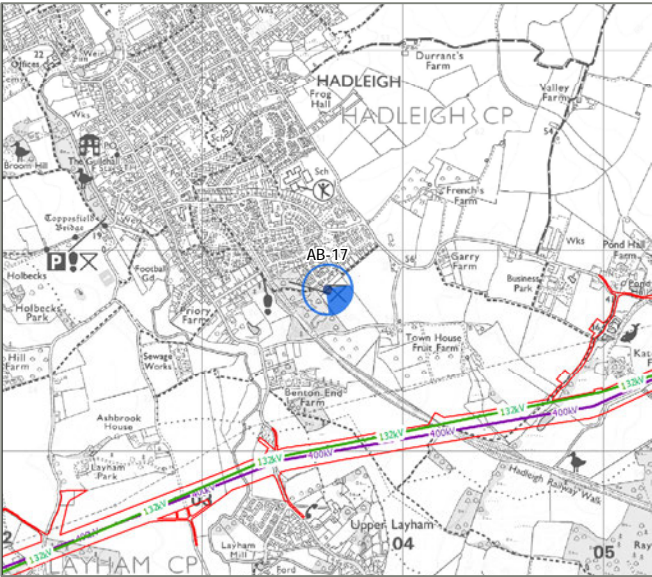


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-17: View from the PRow on the Southern Edge of Hadleigh

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	603626, 241809 (52.037275, 0.967410)
Approx. Elevation	51m AOD
General Direction of View	SE (128°)
Approx. Distance to the Project	750m to LoD / 745m to Order Limits
Time / Date	15.30 / 8 March 2022
Weather / Visibility	Clear / Excellent
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is located on the boundary of the Brett Valley SLA and represents the views experienced by people living and moving around the western end of Chattisham and users of the local PRow network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The rough pasture in the foreground rises away from the viewpoint and foreshortens the mid-ground and background. The tops of trees south of Hook Lane and the 400kV pylons are visible on the horizon but otherwise the view is relatively featureless. Due to the limited amounts of vegetation within this area, seasonal variations are limited and general visibility would be similar in summer and winter.

Value of view - **medium**

Supplementary Photos from Viewpoint



Alternate spring view from the viewpoint showing that visibility is broadly similar.

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



Description of Effects

Construction Year

Receptors would have views of the upper parts of the taller construction 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 visible on the skyline but would be partially obscured by the intervening vegetation, particularly in summer when in full foliage. 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 addition of the new 400kV overhead line along broadly the same alignment as the existing 132kV overhead line but slightly further from the viewpoint, means that the tops of more pylons may be present on the skyline alongside the existing pylons. This would result in an adverse change to the view but would not alter its character or quality. The lower parts of the 400kV pylons would be obscured by the intervening landform and vegetation. Due to the distance and presence of intervening vegetation, it is anticipated that the magnitude of visual change would be **small**.

Operation - Year 15 (With Mitigation)

The increase in the number of pylons in the view would continue to result in an 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)

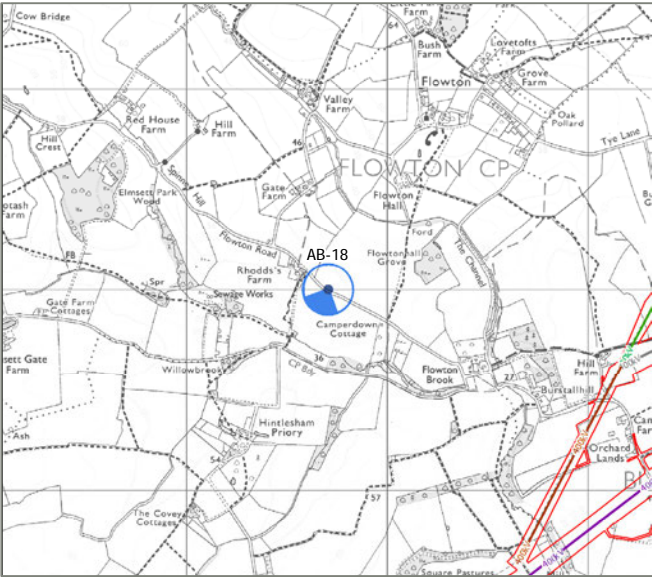


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



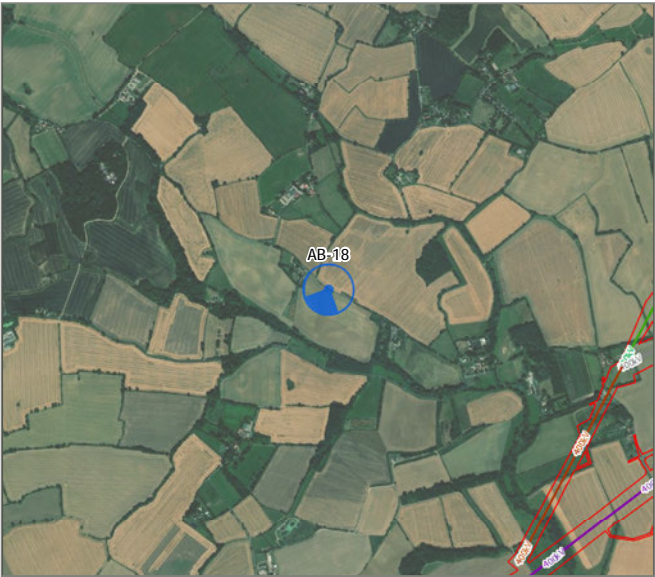
Viewpoint AB-18: View Looking South from Flowton Road, near Rhodds's Farm

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	607702, 246004 (52.073431, 1.029306)
Approx. Elevation	52m AOD
General Direction of View	S (205°)
Approx. Distance to the Project	1455m to LoD / 1410m to Order Limits
Time / Date	15.46 / 22 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 Gipping Valley SLA and represents the views experienced by people living and moving around the dispersed settlement south-west of Flowton, and users of Flowton Road and the local PRoW network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The large arable field initially slopes gently away from the viewpoint before inclining more steeply into the valley of Flowton Brook where the tops of trees along the course of the stream can be seen in the mid-ground. The rolling farmland continues beyond the valley and extends into the distance where there is a higher coverage of trees and small woodlands with occasional dispersed dwellings and farm buildings. Ramsey Wood and Hintlesham Wood are perceptible on the distant skyline. The existing 400kV overhead line is distantly visible with the pylons variably obscured by the intervening landform and vegetation. A cluster of pylons is noticeable on the skyline in the centre of the view where the overhead line is foreshortened as it turns south-west to pass between Ramsey Wood and Hintlesham Wood. In summer, the screening afforded by the hedgerows and trees in the mid-ground increases and the existing pylons are more obscured. The components of the view however remain largely unchanged.

Value of view - **medium**

Supplementary Photos from Viewpoint



View north-east from the viewpoint towards Flowton Hall.

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 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 perceived as a series of discrete sites across the left side of the view but due to the intervening distance and presence of vegetation, these sites would be inconspicuous. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

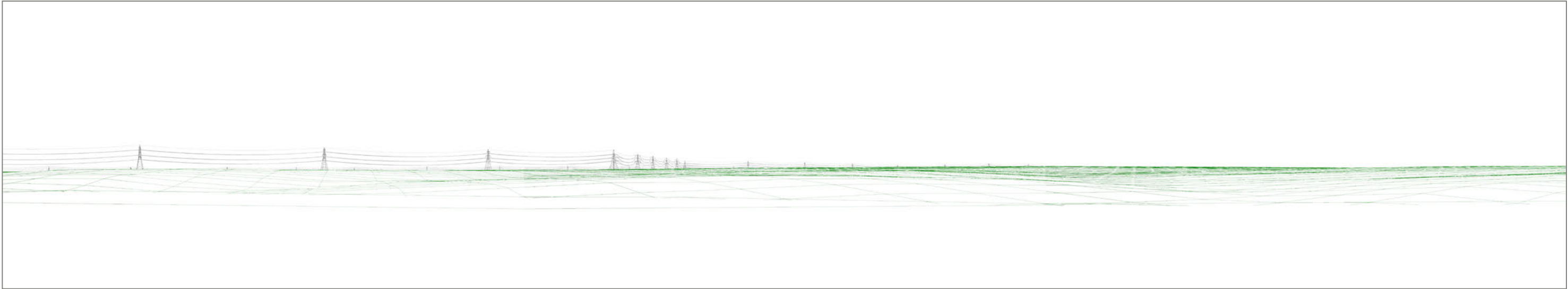
Operation - Year 1 (Without Mitigation)

The addition of the new 400kV overhead line along broadly the same alignment as the existing 400kV overhead line but slightly further from the viewpoint, means that the tops of more pylons may be present on the skyline alongside the existing pylons. This would result in an adverse change to the view but would not alter its composition or character. The lower parts of the new pylons would be obscured by the intervening landform and vegetation. Due to the distance and intervening vegetation, it is anticipated that the change to the view would be adverse, and the magnitude of visual change would be **small**.

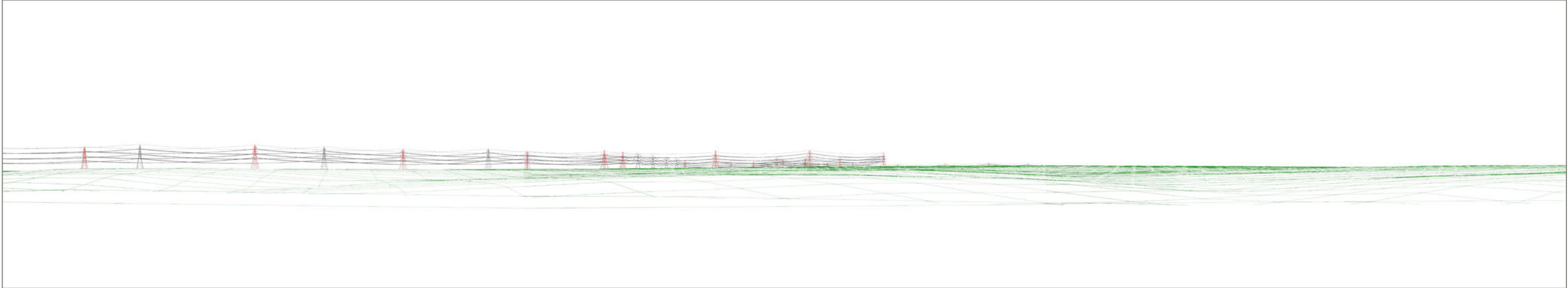
Operation - Year 15 (With Mitigation)

The increase in the number of 400kV pylons across the view would continue to result in an 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)

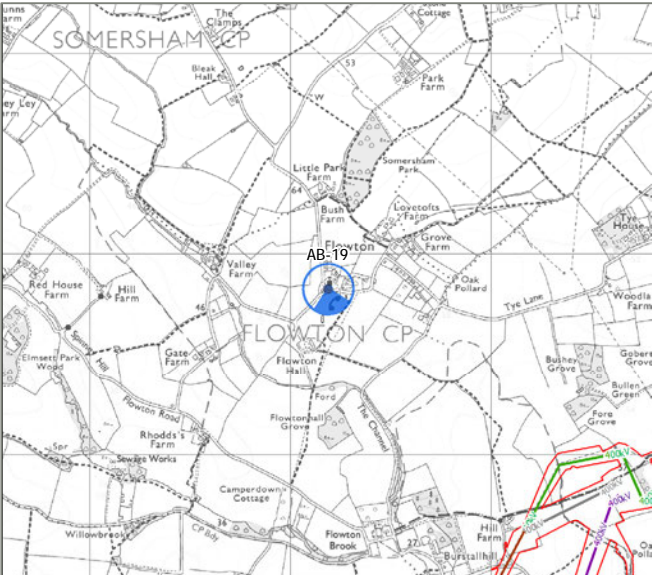


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-19: View from Flowton, near St Mary’s Church

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	608185, 246826 (52.080626, 1.036839)
Approx. Elevation	52m AOD
General Direction of View	S (168°)
Approx. Distance to the Project	1500m to LoD / 1410m to Order Limits
Time / Date	16.13 / 22 April 2021
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint is on the boundary of the Gipping Valley SLA and represents the views experienced by people living and moving around the dispersed settlement south-west of Flowton. It also represents the views experienced by visitors to the Grade I listed St Mary’s Church Flowton. These receptors are of high susceptibility to the project.

Description of Visual Baseline

The large arable field in the foreground extends into the mid-ground where the landform becomes more rolling and slopes down away from the viewpoint towards The Channel which is a small tributary of Belstead Brook. A footpath and wood pole line extend across the field away from the viewpoint. Buildings at Flowton Hall are visible to the far right of the view with Flowtonhall Grove woodland to the left of the footpath in the mid-ground. There is a high coverage of trees and woodlands across the mid-ground with occasional dispersed dwellings and farm buildings. A low wooded horizon in the distance includes Hintlesham Wood and Ramsey Wood. The existing 400kV overhead line can be seen on the skyline but becomes more distant and less noticeable to the right of the view as it extends away from the viewpoint. 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 south-west from the viewpoint along Flowton Road showing Church Cottage.



View east from the viewpoint along Flowton Road showing residential property at Flowton.

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 modify/realign the existing 400kV overhead line close to Bramford Substation but this would only be present at each pylon location for a short period of time. Construction of the new 400kV overhead line would also be distantly visible beyond the existing 400kV overhead line across much of the view. 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. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

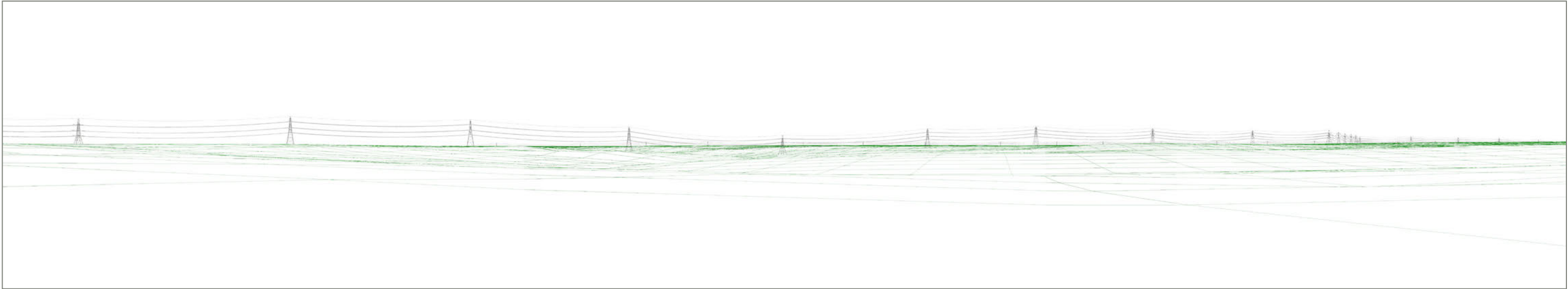
Operation - Year 1 (Without Mitigation)

The presence of the new 400kV overhead line broadly following the alignment of the existing 400kV overhead line but further from the viewpoint would result in an adverse change as more pylons would potentially be seen on the distant skyline but these would not be a prominent or uncharacteristic element and would be partially obscured by the intervening vegetation. Due to the distance and presence of intervening vegetation, it is anticipated that the magnitude of visual change would be **small**.

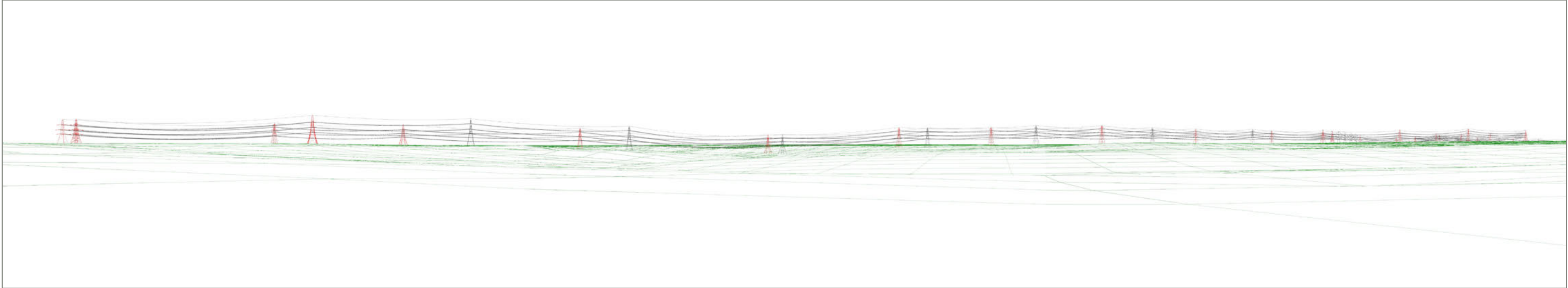
Operation - Year 15 (With Mitigation)

The increase in the number of pylons in the view would continue to result in an 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)

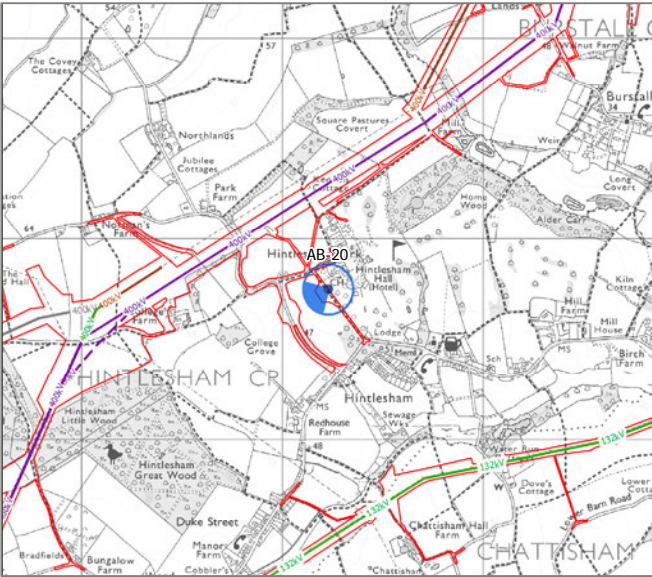


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-20: View Looking West from Hintlesham Hall

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	608226, 243751 (52.053007, 1.035561)
Approx. Elevation	51m AOD
General Direction of View	SW (240°)
Approx. Distance to the Project	395m to LoD / 0m to Order Limits
Time / Date	14.05 / 22 April 2021
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint represents the views experienced by people using the local PRow network. It also represents the views experienced by visitors to the Grade I listed Hintlesham Hall. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The view from the driveway leading to Hintlesham Hall looks out across an area of flat arable fields bordered by intermittent hedgerows with trees. The fields extend to the mid-ground where Hintlesham Wood contains longer views. To the centre-right of the view beyond the A1071 is College Grove and there are individual trees along the A1071. The tops of pylons on the existing 400kV overhead line are just discernible above the woodland to the centre right of the view, but otherwise pylons are not a baseline element. Due to the amount of vegetation, there are some seasonal variations, and visibility is greater in winter than it is in summer.

Value of view - **high**

Supplementary Photos from Viewpoint



View of Hintlesham Hall, approximately 100m north-east of the viewpoint.



Residential properties along Duke Street, south-west 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 upper parts of the taller construction equipment used to construct the new 400kV overhead line north of Hintlesham Woods, but this would only be present at each pylon location for a short period of time. Most of the works would be screened by the intervening vegetation but where visible, would be perceived as a series of discrete sites across the view. These sites would be inconspicuous and visually integrate with their surroundings. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **negligible**.

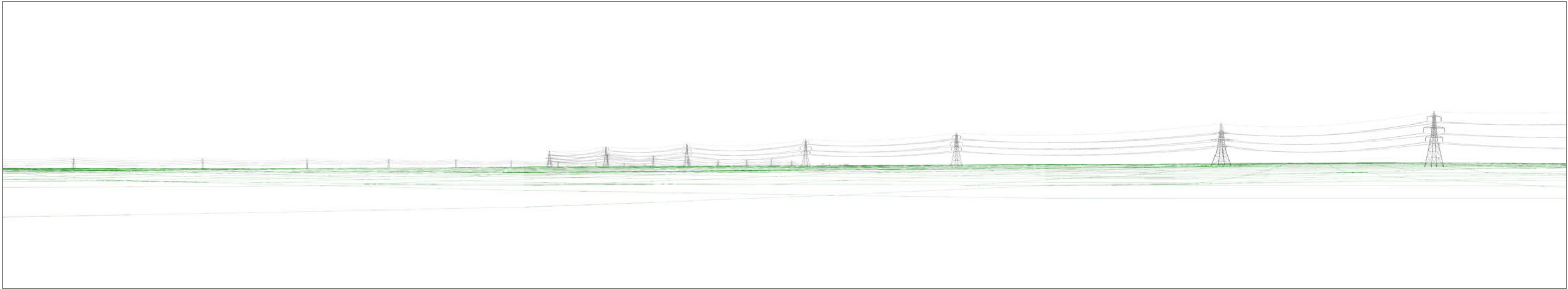
Operation - Year 1 (Without Mitigation)

The new 400kV overhead line would be present in long-range views beyond College Grove and Hintlesham Wood. This would result in an adverse change, but this change would not be pronounced as the pylons would be substantially obscured by the intervening vegetation. It is therefore anticipated that the magnitude of visual change would be **small**.

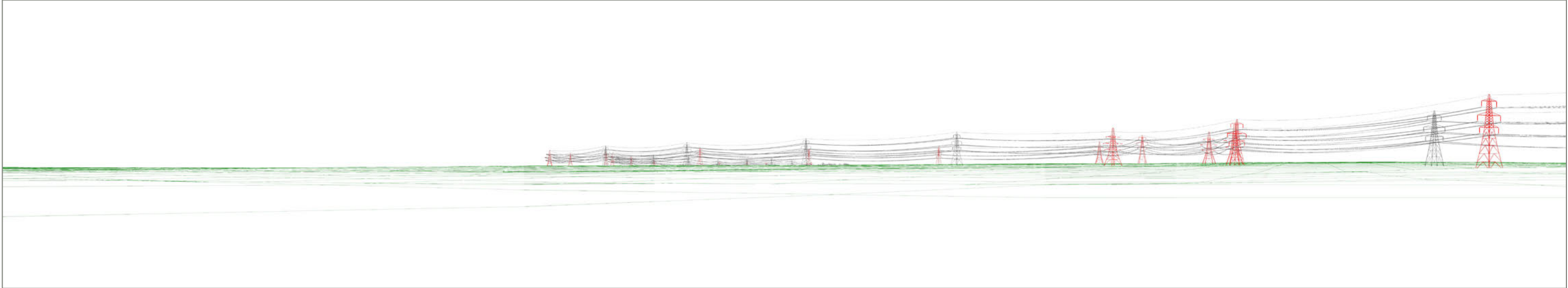
Operation - Year 15 (With Mitigation)

The increase in the number of 400kV pylons across the view would continue to result in an 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)

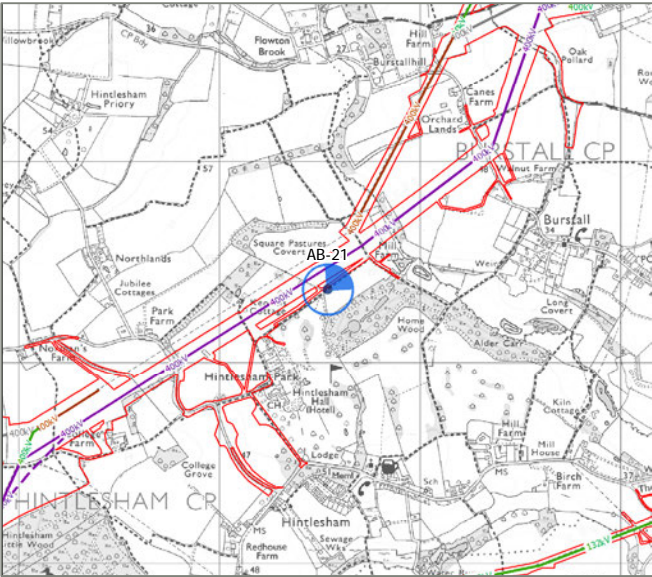


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-21: View from the PRow North of Hintlesham Hall

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	608539, 244365 (52.058403, 1.040489)
Approx. Elevation	44m AOD
General Direction of View	NE (41°)
Approx. Distance to the Project	40m to LoD / 5m to Order Limits
Time / Date	13.47 / 22 April 2021
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint represents the views experienced by people using the local PRow network. It also represents the views experienced by visitors to Hintlesham Golf Club. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The large arable field in the foreground initially slopes gently away from the viewpoint before inclining more steeply into the valley of Flowton Brook. The course of the brook is marked by the belt of trees in the mid-ground. Beyond the valley the landform rises, and the rolling farmland with dispersed dwellings and farm buildings extends into the distance. The high coverage of woodlands including Square Pastures Cover to the left of the view and Burstall Long Wood, Round Wood, and Bullen Wood on the distant horizon. The existing 400kV overhead line extends away from the foreground into the distance where multiple 132kV and 400kV overhead lines converge on the skyline at Bramford Substation next to Bullen Wood. Foreground views remain open in summer but in the mid-ground, the screening afforded by the hedgerows and trees increases but has little effect on the visibility of the pylons. Seasonal variation is therefore limited.

Value of view - **medium**

Supplementary Photos from Viewpoint



View south-west from the viewpoint towards Hintlesham Golf Club.

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



Description of Effects

Construction Year

This viewpoint is located within in the Order Limits next to an 8m temporary access route. Receptors would have extensive views of the construction of the new 400kV 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. Vegetation removal and the presence of temporary access routes, including one extending down the slope in the foreground, would also affect the view. There would also be distant views of the works to modify the existing 400kV overhead line. Overall, although the construction activities would be temporary, short term and reversible, their prominence would result in a **medium-large** magnitude of adverse visual change.

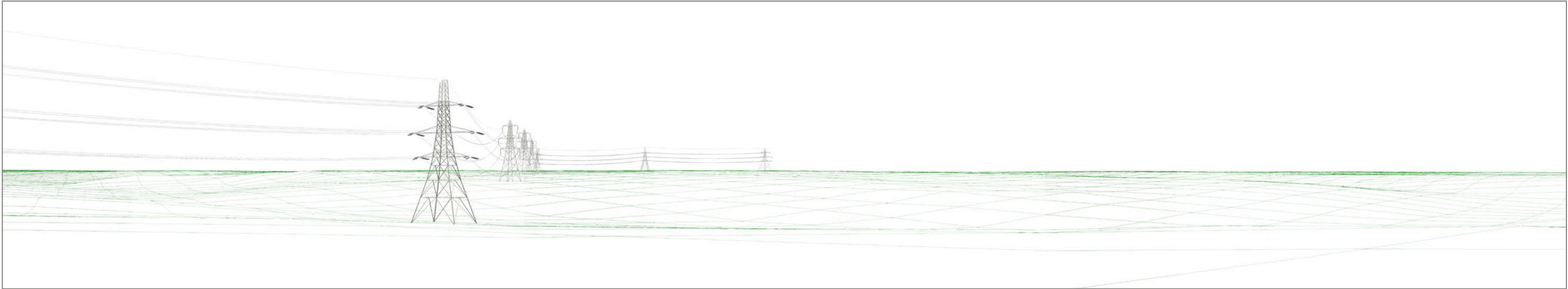
Operation - Year 1 (Without Mitigation)

The presence of the new 400kV overhead line to the right of the existing would substantially alter the outlook. Pylons would appear to stack against one another as they extend from the foreground into the distance, which would compound the overall visual effect. Permanent loss of vegetation along Flowton Brook would also be noticeable in the mid-ground. Although pylons are already an element in the view, the proximity and number of additional pylons would result in a **large** magnitude of adverse visual change.

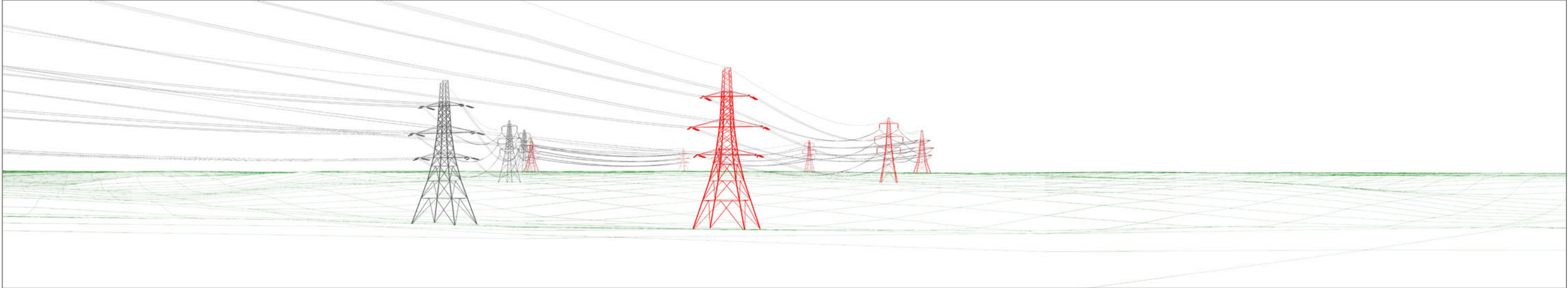
Operation - Year 15 (With Mitigation)

The increase in the number of 400kV pylons in the view and their proximity would continue to result in an adverse change and therefore, the **large** 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)

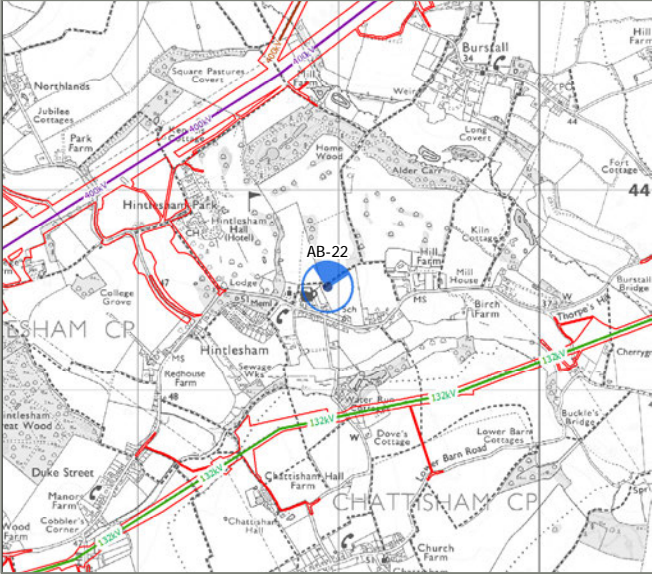


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-22: View from the PRow on the Northern Edge of Hintlesham

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	608945, 243521 (52.050671, 1.045891)
Approx. Elevation	52m AOD
General Direction of View	N (12°)
Approx. Distance to the Project	975m to LoD / 510m to Order Limits
Time / Date	13.16 / 22 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 Gipping Valley SLA and represents the views experienced by people using the local PRow network. It also represents the views experienced by visitors to Hintlesham Golf Club. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

The rolling field in the foreground from part of Hintlesham Golf Club and is bordered by hedgerows with trees. A high coverage of trees and woodland, including Hintlesham Wood, contain views in the mid-ground. The existing 400kV overhead line crosses the view with the lower parts of the pylons variably obscured by the intervening vegetation. To the right of the view, a cluster of pylons and the upper part of Bramford Substation can be discerned on the distant skyline. There is little seasonal variation in the view other than Bramford Substation and the associated cluster of pylons are more obscured when the trees within the golf course are in full foliage.

Value of view - **medium**

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 construction equipment used to modify/realign the existing 400kV 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 perceived as a series of discrete sites across the view to the left of Bramford Substation but because of the intervening distance and presence of vegetation would not be very noticeable. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **small**.

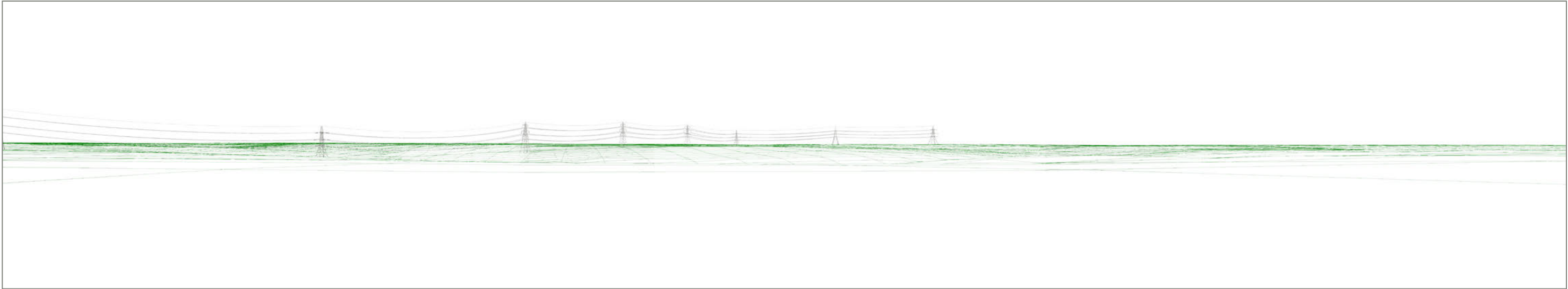
Operation - Year 1 (Without Mitigation)

The new 400kV overhead line would be seen in long-range views and slightly closer to the viewpoint than the existing 400kV overhead line which would result in an adverse change. More pylons would potentially be seen on the distant skyline but these would not be a prominent or uncharacteristic element and would be partially obscured by vegetation. Close to Bramford Substation, the modification/realignment of the existing 400kV overhead line means that pylons would be slightly closer to the viewpoint but would not alter the composition or character of the view. Overall, due to the intervening distance and presence of vegetation, it is anticipated that the magnitude of visual change would be **small**.

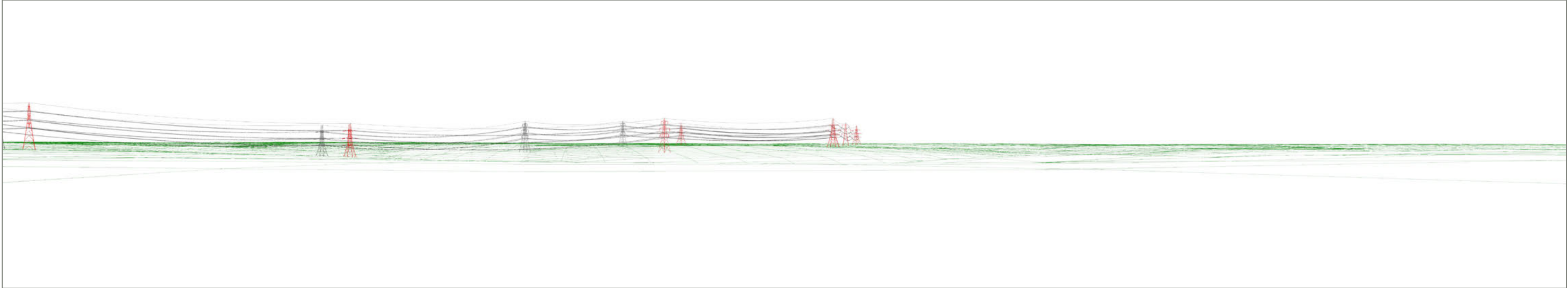
Operation - Year 15 (With Mitigation)

The increase in the number of pylons in the view would continue to result in an 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)

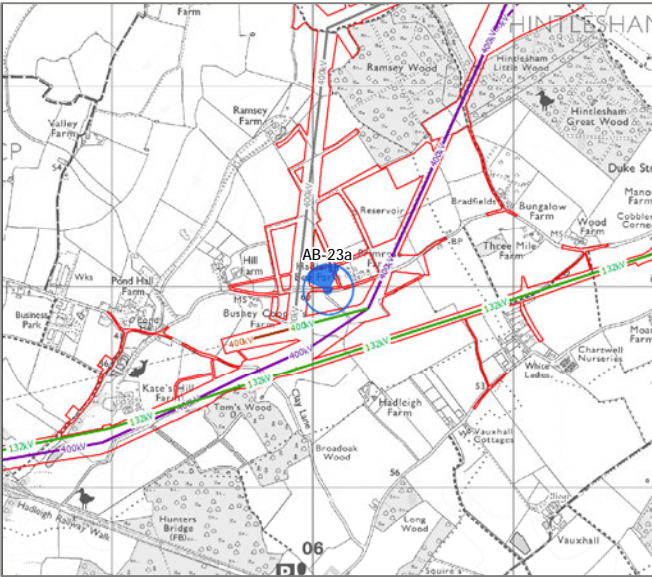


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-23a: View from Pond Hall Road, near Hadleigh Bee Farm

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	606066, 241991 (52.037985, 1.003152)
Approx. Elevation	60m AOD
General Direction of View	N (339°)
Approx. Distance to the Project	95m to LoD / 0m to Order Limits
Time / Date	16.02 / 3 November 2021
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

This viewpoint represents the views experienced by people living and moving around the dispersed community along Pond Hall Road and users of the local PRoW network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

Above the hedgerow which borders the north side of Pond Hall Road there are long views across large-scale and gently rolling farmland towards Ramsey Wood in the mid-ground to right of the view and Wolves Wood on the distant horizon in the centre of the view. The field in the foreground is bordered by patchy hedgerows with occasional trees and is crossed by a wood pole line. Pylons are not present in the view, although the existing 400kV overhead line crosses a neighbouring field next to Hadleigh Bee Farm and Primrose Farm (to the right out of the field of view). Buildings associated with Cobbold's Farm are visible in the distance. Due to the presence of a hedgerow and trees along Pond Hall Road, there are some seasonal variations, and visibility is greater in winter than it is in summer.

Value of view - **medium**

Supplementary Photos from Viewpoint



View west from the viewpoint towards Hill Farm. View to the east of the viewpoint towards Hadleigh Bee Farm.

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



Description of Effects

Construction Year

This viewpoint is located within in the Order Limits. Receptors would have extensive views of the works to construct the new section of 400kV overhead line to the west of Ramsey Wood. 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. Vegetation removal and the presence of an 8m temporary access route and associated movement of vehicles and plant extending across the field along the route of the new overhead line would also affect the view. Overall, although the construction activities would be temporary, short term and reversible, their prominence would result in a **medium-large** magnitude of adverse visual change.

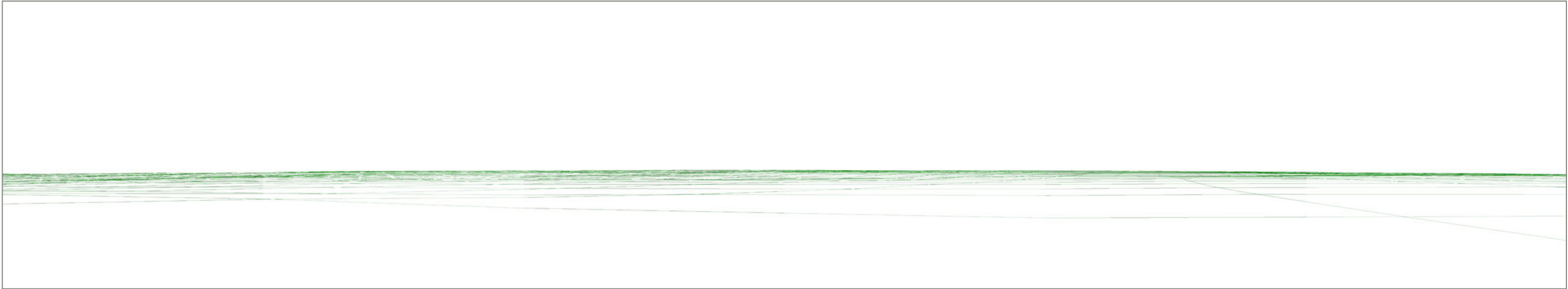
Operation - Year 1 (Without Mitigation)

The presence of the new 400kV overhead line would substantially alter the view which is currently unaffected by pylons (although the existing 400kV overhead line is close by, out of the field of view). Pylons would appear to stack against one another as they extend from the foreground into the distance, which would compound the overall visual effect. The proximity and number of pylons would result in a **large** magnitude of adverse visual change.

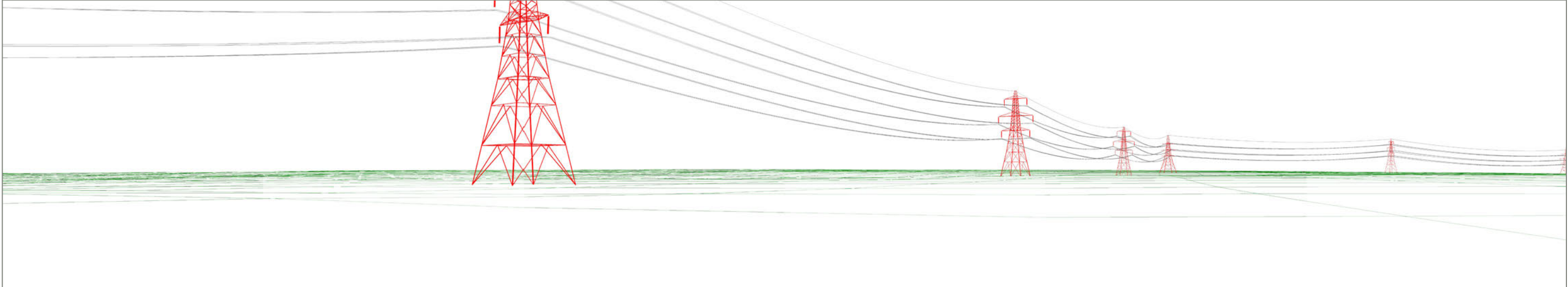
Operation - Year 15 (With Mitigation)

The presence of the new 400kV overhead line would continue to result in an adverse change and therefore, the **large** 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)

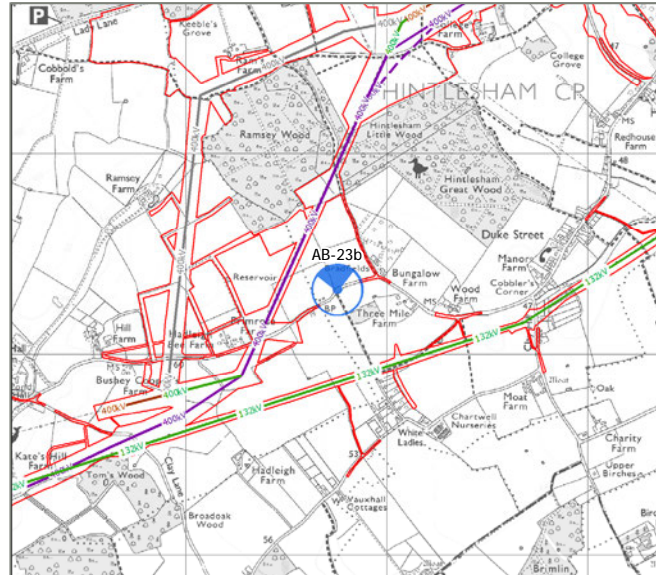


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-23b: View from Pond Hall Road, South of Hintlesham Woods

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	606746, 242326 (52.040735, 1.013244)
Approx. Elevation	59m AOD
General Direction of View	NW (339°)
Approx. Distance to the Project	640m to LoD / 120m to Order Limits
Time / Date	11.23 / 3 March 2022
Weather / Visibility	Clear / Good
Camera	Canon EOS 6D, Canon EF 50 mm f/1.8 fixed focal lens

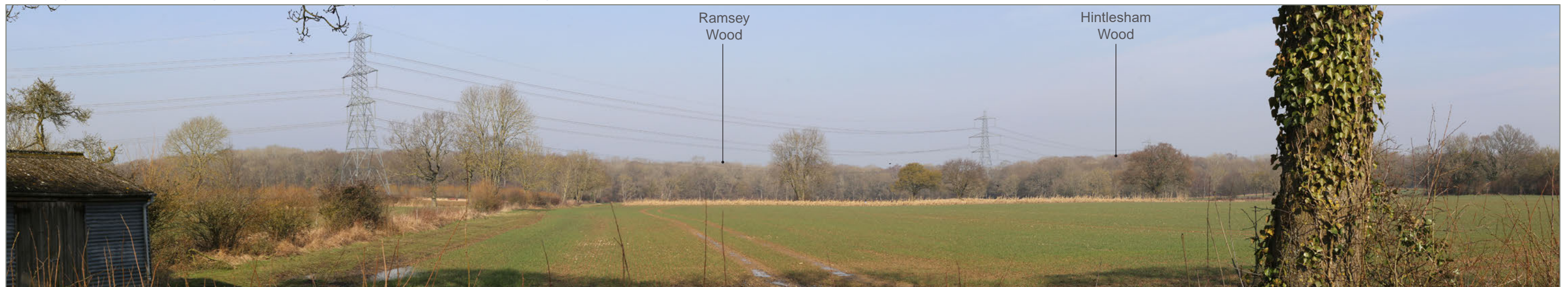
This viewpoint represents the views experienced by people living and moving around the dispersed community along Pond Hall Road and users of the local PRoW network. These receptors are of **high** susceptibility to the project.

Description of Visual Baseline

Above the hedgerow which borders the north side of Pond Hall Road there are views out across medium sized and gently rising arable fields bordered by patchy hedgerows with occasional hedgerow trees. In the mid-ground the view is contained by Ramsey Wood and Hintlesham Wood. The existing 400kV overhead line is the very noticeable as it crosses the view to pass between the two areas of woodland. Foreground views remain open in summer, but in the mid-ground, the screening afforded by the hedgerows and trees increases and the pylons are more obscured. The components of the view however remain largely unchanged. Seasonal variation is therefore limited.

Value of view - **medium**

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



Description of Effects

Construction Year

Receptors would have distant views of the upper parts of the taller equipment used to construct the new 400kV overhead line beyond Ramsey Wood 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 the view but because of the intervening distance and presence of vegetation would not be very noticeable. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **small**.

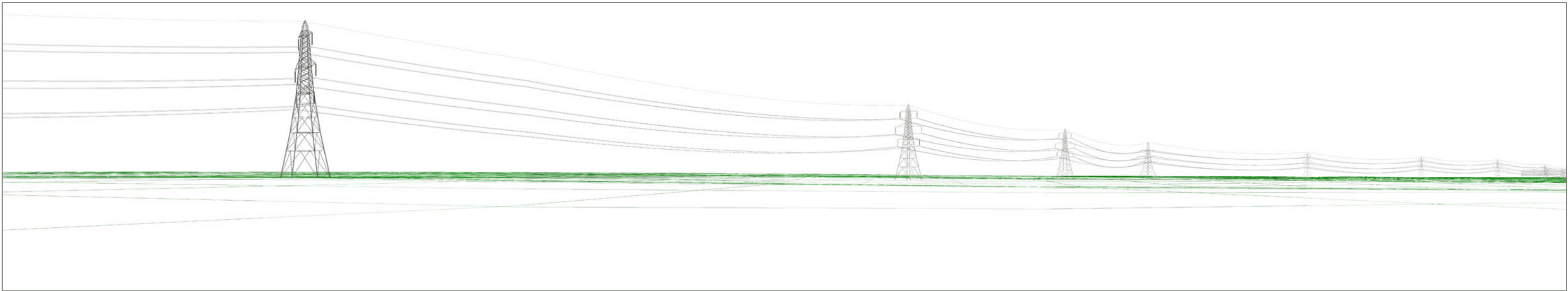
Operation - Year 1 (Without Mitigation)

The new 400kV overhead line would be seen in long-range views which would result in an adverse change. More pylons would potentially be seen on the distant skyline but these would not be a prominent or uncharacteristic element and would be mainly obscured by the woodland. Overall, due to the intervening distance and presence of vegetation, it is anticipated that the magnitude of visual change would be **small**.

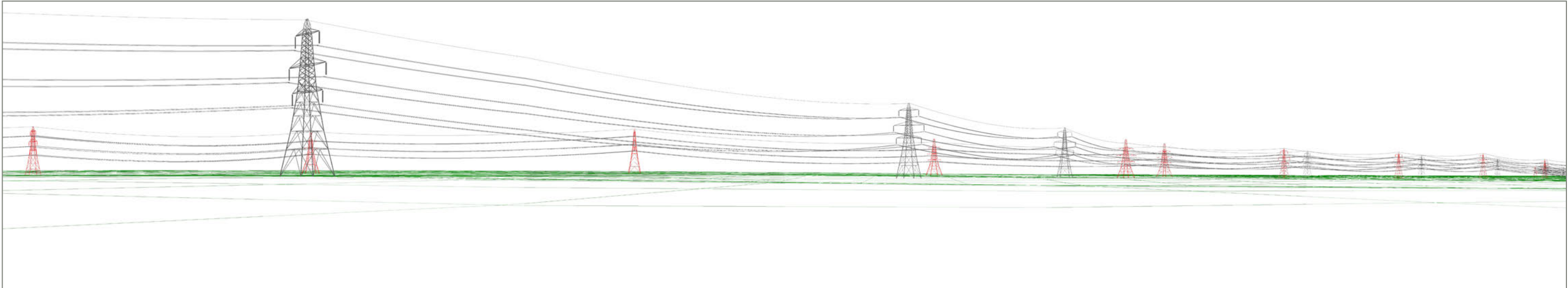
Operation - Year 15 (With Mitigation)

The increase in the number of pylons would continue to result in an 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)

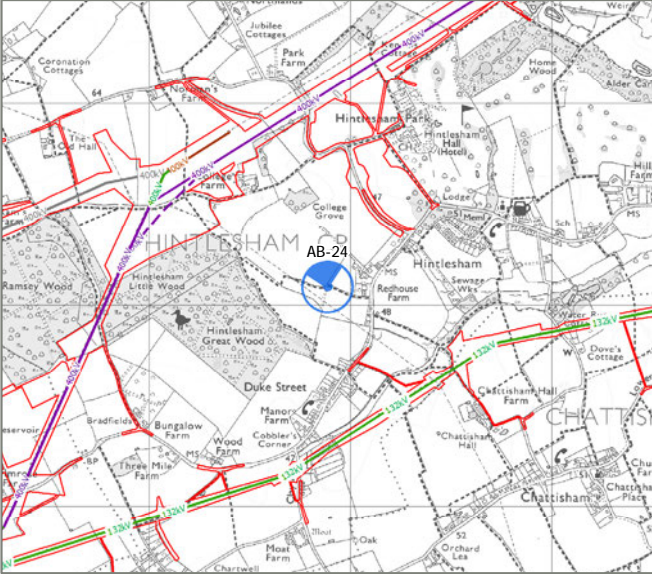


Wireline of the Project (Proposed Elements Shown in Red) (90 Degree Field of View)



Viewpoint AB-24: View from the PRow Between Hintlesham Great Wood and Hintlesham

Viewpoint Location Map



Background Mapping information has been reproduced from the OS map by permission of OS on behalf of The controller of Her Majesty's Stationery Office. ©Crown Copyright Ordnance Survey. National Grid Electricity - 100024241 National Grid Gas -100024886

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	607886, 243094 (52.047236, 1.0302102)
Approx. Elevation	50m AOD
General Direction of View	NW (348°)
Approx. Distance to the Project	770m to LoD / 360m to Order Limits
Time / Date	14.43 / 11 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 Gipping Valley SLA and represents the views experienced by people using the local PRow network. These receptors are of **medium** susceptibility to the project.

Description of Visual Baseline

The foreground comprises a medium sized arable field which is bordered by a combination of hedgerows and Hintlesham Great Wood. A low voltage overhead line on double wood pole support structures is noticeable to the left of the view and the existing 400kV overhead line crosses the mid-ground. The lower parts of the pylons are variably obscured by the woodland, but the tops are very noticeable on the skyline. Due to the amount of vegetation across the view, there are some seasonal variations, and visibility is greater in winter than it is in summer.

Value of view - **medium**

Supplementary Photos from Viewpoint



View east from viewpoint towards residential properties along Duke Street.

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



Description of Effects

Construction Year

Receptors would have distant views of the upper parts of the taller equipment used to construct the new 400kV overhead line beyond Ramsey Wood 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 the view but because of the intervening distance and presence of vegetation would not be very noticeable. Overall, it is anticipated that the change to the view would be adverse, and the magnitude of change would be **small**.

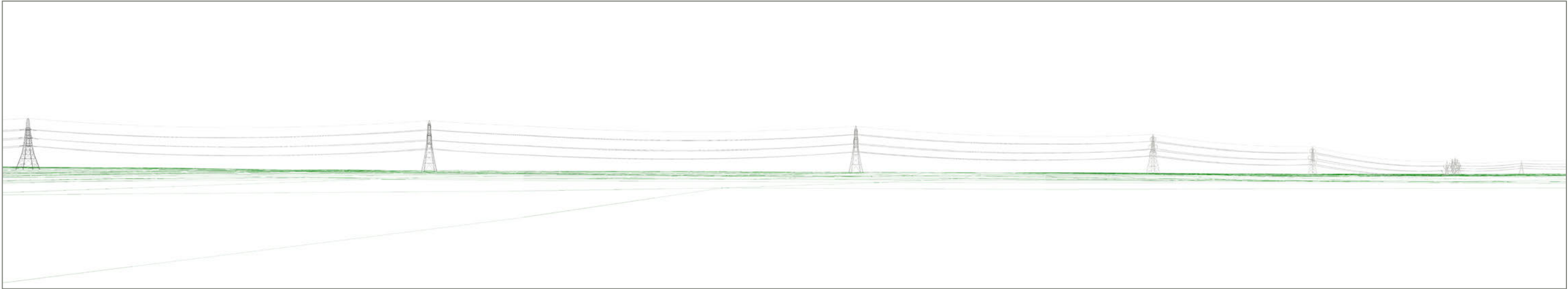
Operation - Year 1 (Without Mitigation)

The new 400kV overhead line would be seen in long-range views which would result in an adverse change. More pylons would potentially be seen on the distant skyline but these would not be a prominent or uncharacteristic element and would be mainly obscured by Ramsey Wood. Overall, due to the intervening distance and presence of vegetation, it is anticipated that the magnitude of visual change would be **small**.

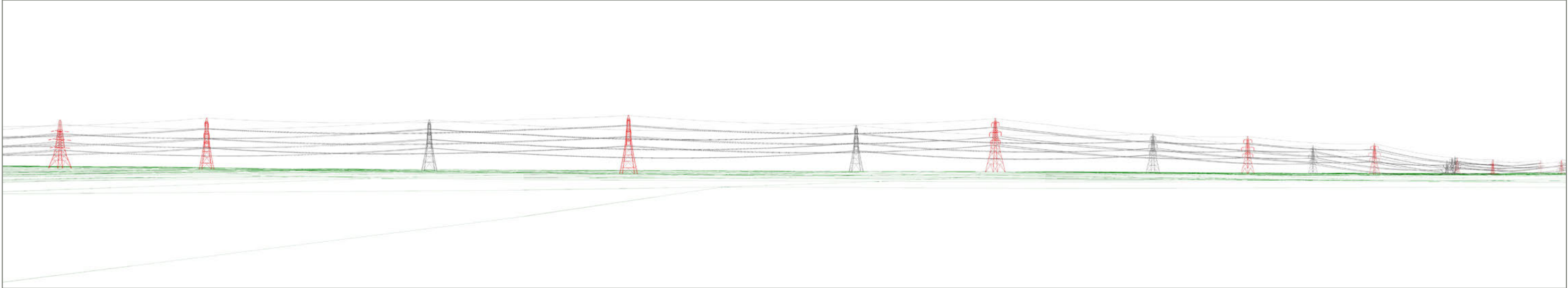
Operation - Year 15 (With Mitigation)

The increase in the number of pylons would continue to result in an 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)



National Grid House,
Warwick Technology Park,
Gallows Hill, Warwick.
CV34 6DA United Kingdom

Registered in England and Wales
No. 4031152
nationalgrid.com