



**Photowire Visualisation Booklet**  
**Proposed Carrow Wind Farm**

## Photowire

Methodology – What are Photowires and how are they produced?

Photowires are early-stage photomontage visualisations (classified as ‘Type 3 Visualisations’ in the LI TGN 06/19, 2019).

Photowires are a combination of panoramic photographic images and a ‘wireline’. A wireline is the model of the proposed turbines accurately scaled and positioned within a digital elevation model (topographic model) as seen from a viewpoint. Photowires are produced by positioning and overlaying the wireline on top of the stitched photographic imagery captured from a viewpoint location.

Characteristics of Photowires – Early-stage and Draft Visualisations

The photowire imagery in this Appendix are draft, therefore:

- No rendering is applied to the imagery to make the turbines photorealistic – hence the orange colour;
- The wireline element of the Photowire only accounts for screening from topography in the elevation model;
- The wireline overlaid the photograph is shown on top of the panoramic photograph, in front of above ground elements of the landscape e.g. vegetation screening and the built environment. Therefore, the photowire shows where the proposed turbines are located relative to the viewpoint but are seen in front of above ground features which would visually screen them from view, in reality on the ground.

### Utility of Photowires for LVIA

The 5 No. photowires are presented within this Appendix are useful visual aids for the discussion of visual effects included in the Landscape and Visual Impact Assessment (LVIA) chapter. The location of photowire viewpoints in this Appendix are marked as orange icons in mapping figures throughout the LVIA chapter and Appendices, labelled as ‘PW’ (e.g., PW-A to PW-E).

### Presentation of Photowires in this Appendix

The photowires in this appendix are presented on A3 paper. In accordance with the Landscape Institute Technical Guidance Note 06/19 (LI, 2019), the photowires are presented within a horizontal field of view comprising 90 degrees and vertical field of view comprising 27 degrees and are scaled according to the guidance set out in table 5 of the LI TGN 06/19 (LI, 2019).

### Viewpoints Captured in 2024 and 2025

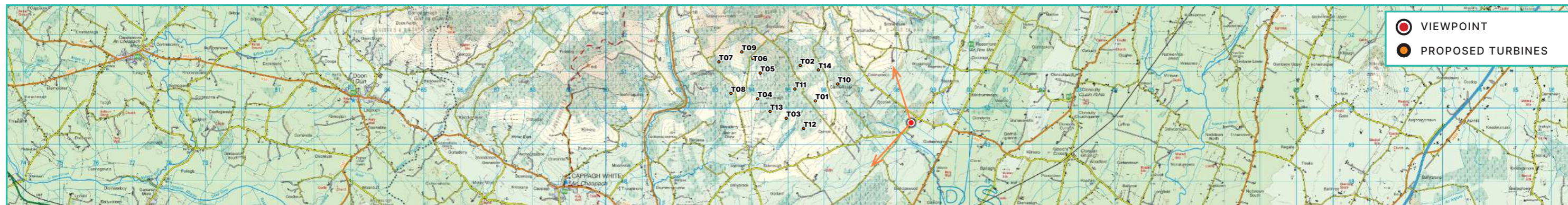
A total of 5 no. alternative viewpoint images have been captured for this Landscape and Visual Impact Assessment chapter between March 2024 and January 2025. These are presented as photowires PW-A to PW-E in this Photowire Visualisation Booklet and are not assessed in the EIAR. These photowires represent views of the Proposed Project from areas to the west, southwest, south and southeast of the proposed wind farm site, from a variety of distances to aid to aid in visualisation of the Proposed Project from the wider landscape perspective. The photowires in this booklet are utilised to aid the discussions of Visual Effects in Section 14-7 Likely ‘Significant’ Landscape and Visual Effects of the LVIA chapter.



Photowire No.	Name	Viewpoint Description	X_ITM	Y_ITM
PW-A	L1282 at Gorteennamona	View from the L1282 Local Road in the townland of Gorteennamona. Located approximately 2.3km south-east of the nearest turbine (T10).	598398	649659
PW-B	L1154 at Moheragh	View from the L1154 Local Road in the townland of Moheragh. Located approximately 705m south-west of the nearest turbine (T04).	593659	649773
PW-C	L5108 at Curraheen	View from the L5108 Local Road in the townland of Foilaclug. Located approximately 1.85km west of the nearest turbine (T07).	591677	652884
PW-D	N74 at Golden Village	View from the N74 National Road in the Village of Golden. Located approximately 12.4km south east of the nearest turbine (T12).	601426	638609
PW-E	L1290 at Scarrough	View from the L1290 Local Road in the townland of Scarrough. Located approximately 1.75km south-west of the nearest turbine (T03).	593899	648342



Photowire No.	Name	Viewpoint Description	X_ITM	Y_ITM
PW-A	L1282 at Gortennamona	View from the L1282 Local Road in the townland of Gortennamona. Located approximately 2.3km south-east of the nearest turbine (T10).	598398	649659



Existing View at 120°

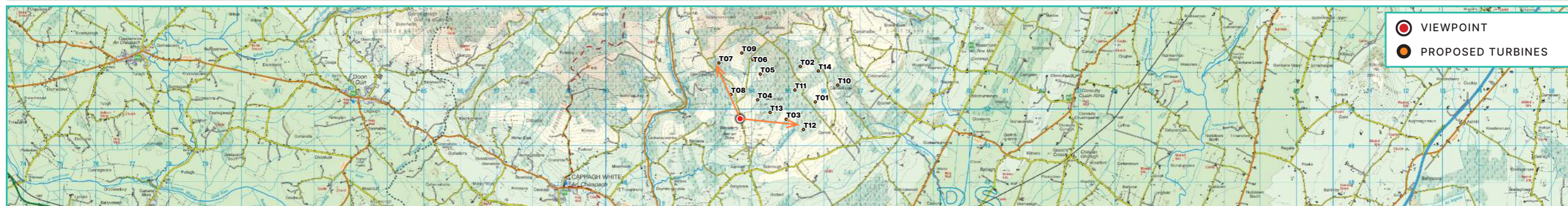


Photowire at 90°





Photowire No.	Name	Viewpoint Description	X_ITM	Y_ITM
PW-B	L1154 at Moheragh	View from the L1154 Local Road in the townland of Moheragh. Located approximately 705m south-west of the nearest turbine (T04).	593659	649773



Existing View at 120°



Photowire at 90°



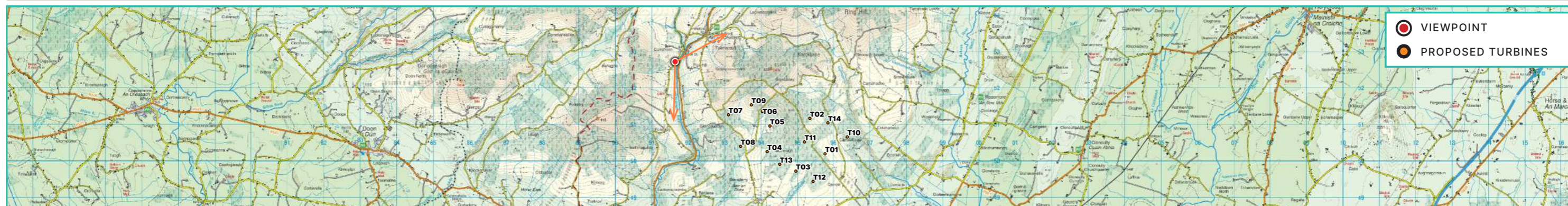
DRAFT PHOTOWIRE VISUALISATION

Photowire at 27°



DRAFT PHOTOWIRE VISUALISATION

Photowire No.	Name	Viewpoint Description	X_ITM	Y_ITM
PW-C	L5108 at Curraheen	View from the L5108 Local Road in the townland of Foilaclog. Located approximately 1.85km west of the nearest turbine (T07).	591677	652884



Existing View at 120°



Photowire at 90°

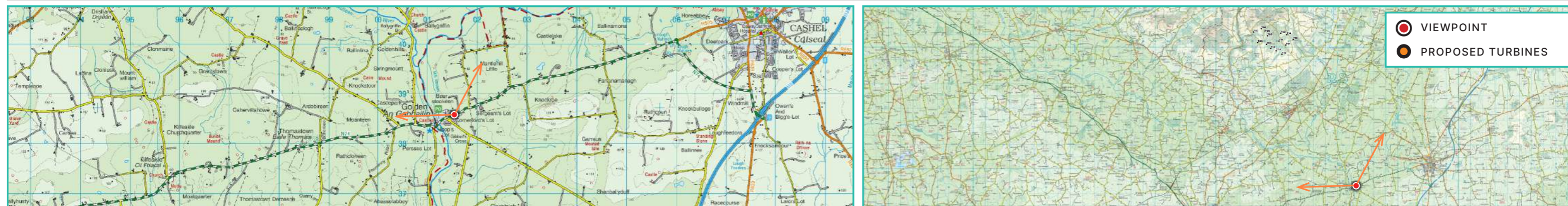


DRAFT PHOTOWIRE VISUALISATION



DRAFT PHOTOWIRE VISUALISATION

Photowire No.	Name	Viewpoint Description	X_ITM	Y_ITM
PW-D	N74 at Golden Village	View from the N74 National Road in the Village of Golden. Located approximately 12.4km south east of the nearest turbine (T12).	601426	638609



Existing View at 120°



Photowire at 90°



DRAFT PHOTOWIRE VISUALISATION



Photowire No.	Name	Viewpoint Description	X_ITM	Y_ITM
PW-E	L1290 at Scarrough	View from the L1290 Local Road in the townland of Scarrough. Located approximately 1.75km south-west of the nearest turbine (T03).	593899	648342



Existing View at 120°



Photowire at 90°



DRAFT PHOTOWIRE VISUALISATION



