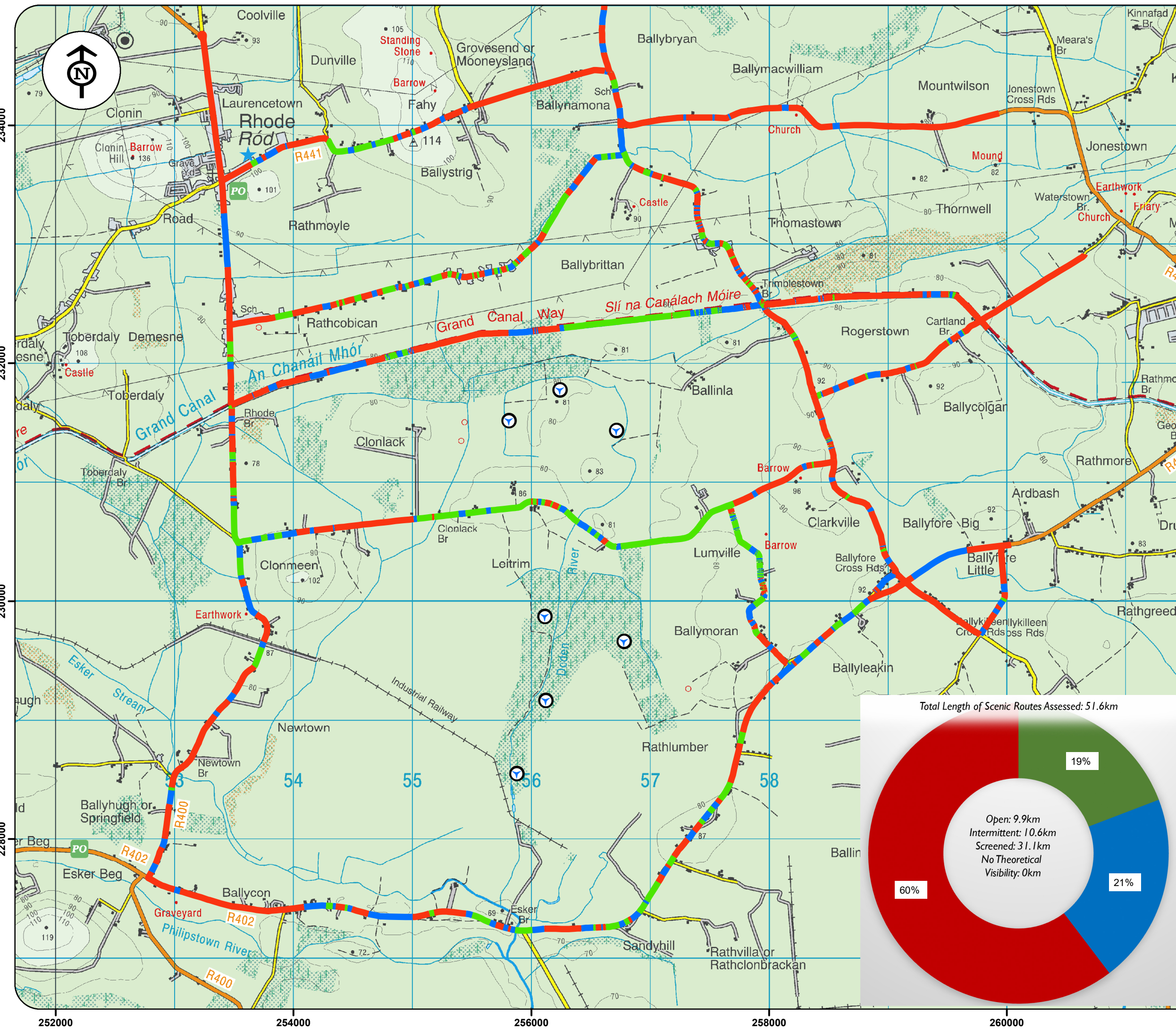


Appendix 11-3

ROUTE SCREENING STUDY



Route Screening Study indicating actual visibility of the proposed Ballinla Wind Farm from the surrounding road network

Proposed Turbine Locations



Visibility Status*

- Intermittent Visibility
- Open Visibility
- Fully Screened

FINAL

Date: 10th Dec 2024

Scale when printed at A3 Size = 1:30,000
1 centimeter = 300 meters

- This study was carried out using a vehicle mounted 360° camera in combination with high accuracy GPS.
- Images were captured at regular intervals (one image every ten metres) along each assessed route.
- Each 360° geo-referenced image was analysed for visibility of the proposal using specialist 3D Geographical Information Systems (GIS) Software.
- The study was carried out in July 2024 where screening due to vegetation was high. It is possible that certain sections of visibility classification could change in winter months.
- *Images were classified into four different categories depending on their level of visibility.
 - Open** - these sections have uninterrupted views of some or all of the proposed development
 - Intermittent** - these sections may have glimpses of some or all of the development through light vegetation or gaps between buildings and other man made features.
 - Fully Screened** - these sections have no view of any part of the proposed development as a result of screening due to vegetation, forestry, buildings or any other non-landform based screening.
 - No theoretical visibility (screened by landform)** - these sections have no view of any part of the proposed development as a result of screening due to landform. (as already illustrated in the ZTV map)

