

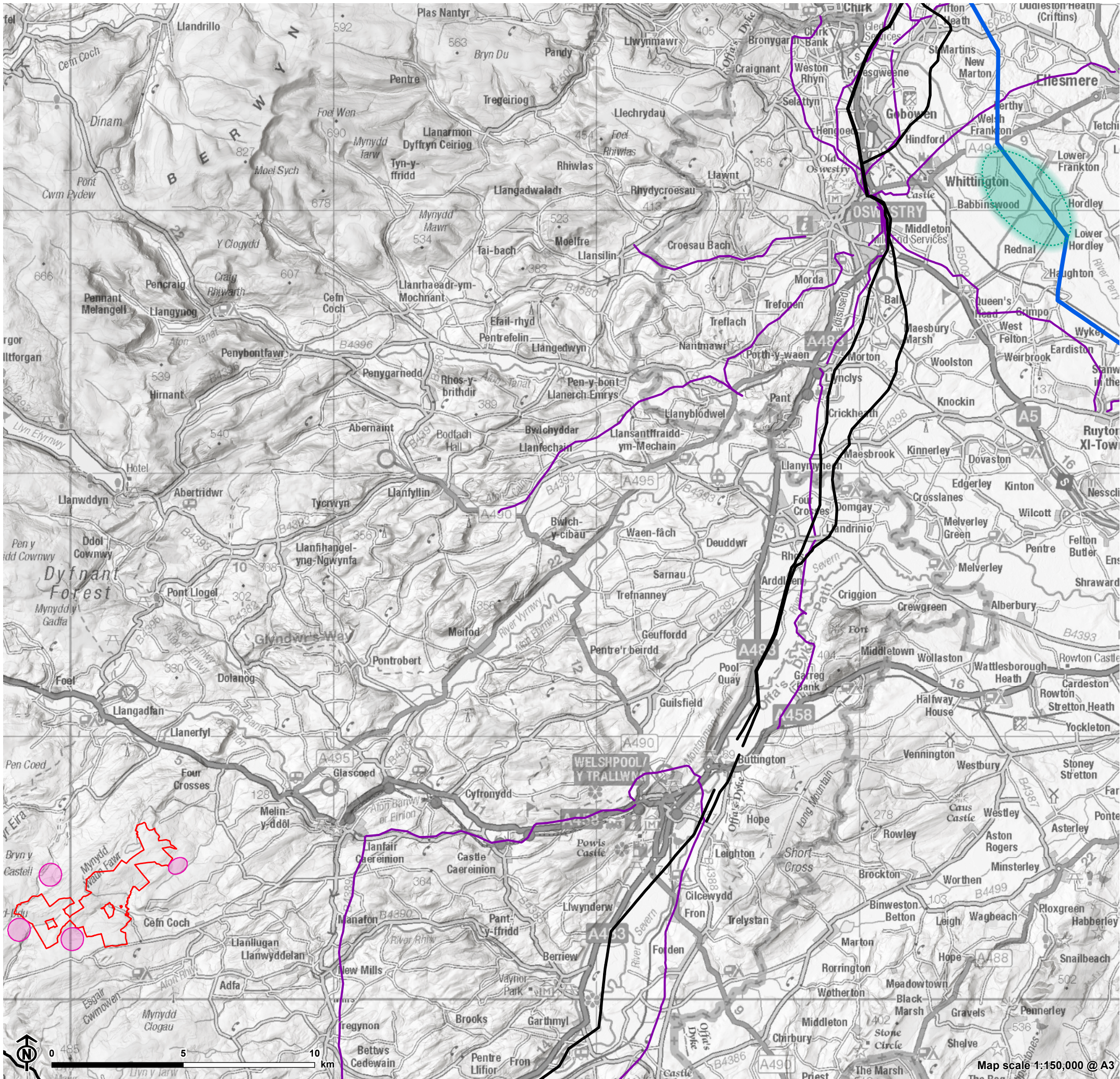
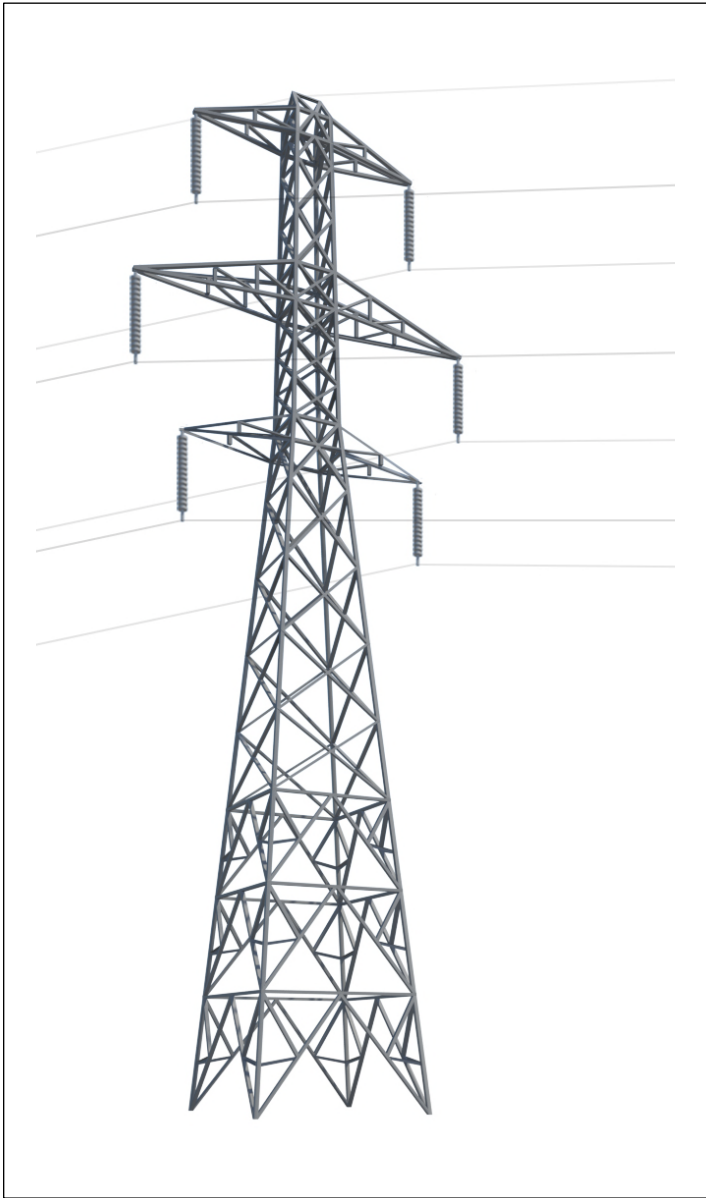


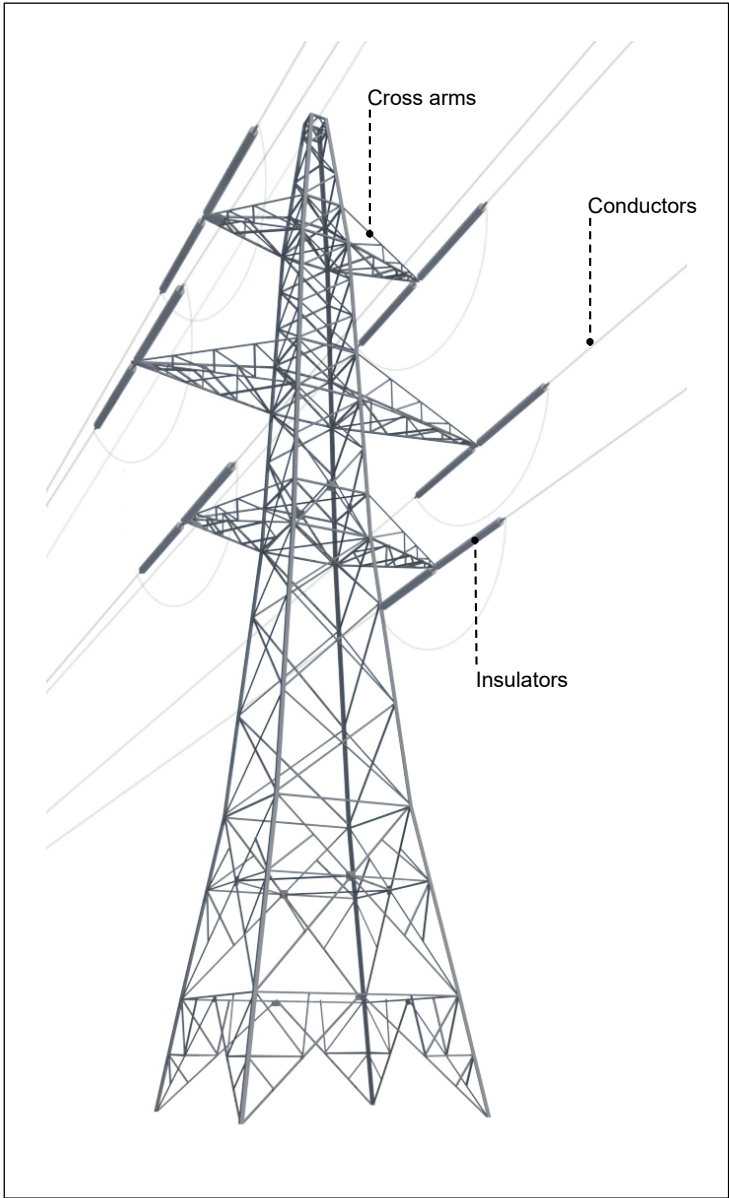
Figure 1.1: Existing Network and Points of Connection

- Llyn Lort Energy Park
 - Search area for National Grid Substation
 - Proposed Collector Substation and Cable Sealing End Compound Search Area
- Overhead Line (OHL)**
- 400kV
 - 132kV
 - 33kV

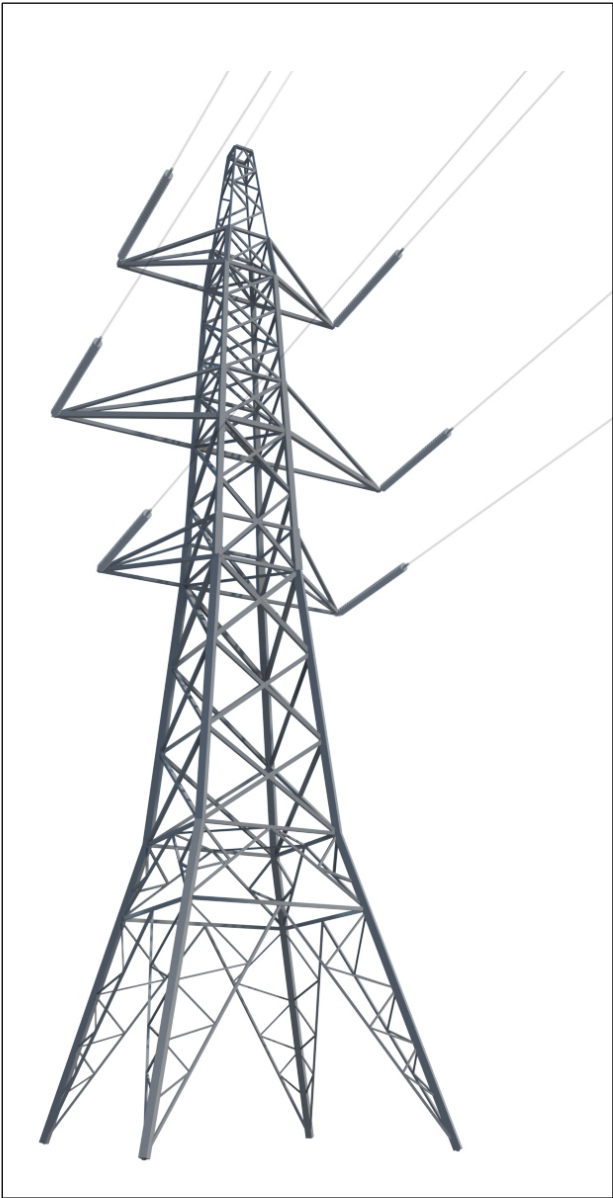
Figure 2.1: Proposed Tower Type



Component parts of 132kV steel lattice tower L7: Suspension tower



Component parts of 132kV steel lattice tower L7: Angle tower



Component parts of 132kV steel lattice tower L7: Terminal tower

NOT TO SCALE

Figure 4.1: Study Area



- Llyn Lort Energy Park
- Study Area
- Search area for National Grid Substation
- Proposed Collector Substation and Cable Sealing End Compound Search Area
- 400kV Overhead Line (OHL)
- 275kV
- 132
- 25
- 33
- <all other values>
- Terrain (AOD)
 - High
 - Low
- Eryri National Park (Formally Snowdonia)
- Special Protection Area (SPA)

Figure 4.2.1 Considerations Influencing Corridor Option Selection

Key Constraints and Existing Infrastructure

- Llyn Lort Energy Park
- Study Area
- Search area for National Grid Substation
- Proposed Collector Substation and Cable Sealing End Compound Search Area
- Route Corridors

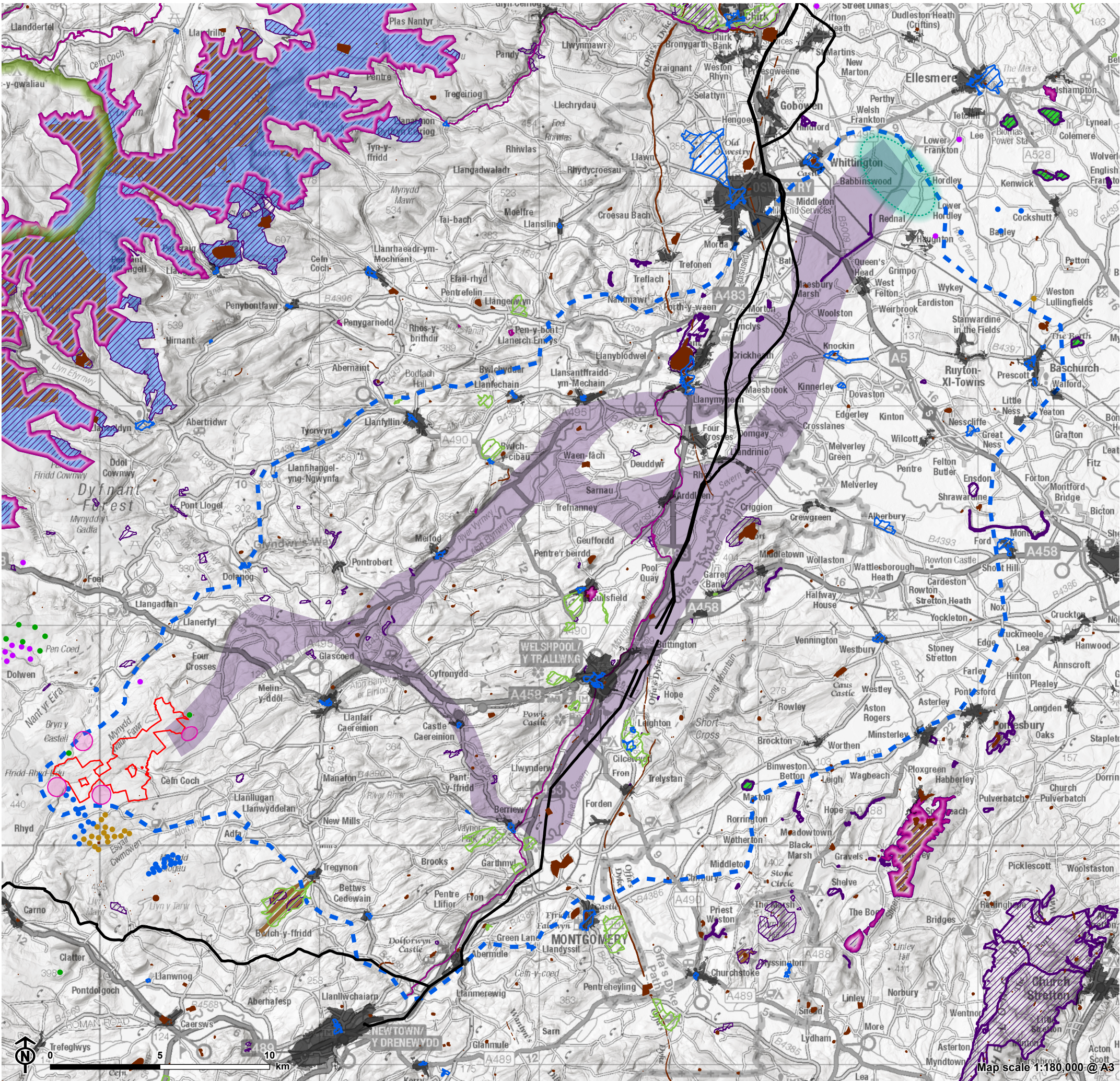
Overhead Line (OHL)

- 400kV
- 275kV
- 132
- 25
- 33
- <all other values>
- 132KV

Wind Farm Status

- Operational
- Consented
- Application Submitted
- Design/Scoping

- Eryri National Park (Formerly Snowdonia)
- Settlement Boundaries
- Special Area of Conservation (SAC)
- Special Protection Area (SPA)
- Ramsar
- Site of Special Scientific Interest (SSSI)
- National Nature Reserve (NNR)
- Conservation Area
- Scheduled Monument
- Historic Park and Garden (Wales)



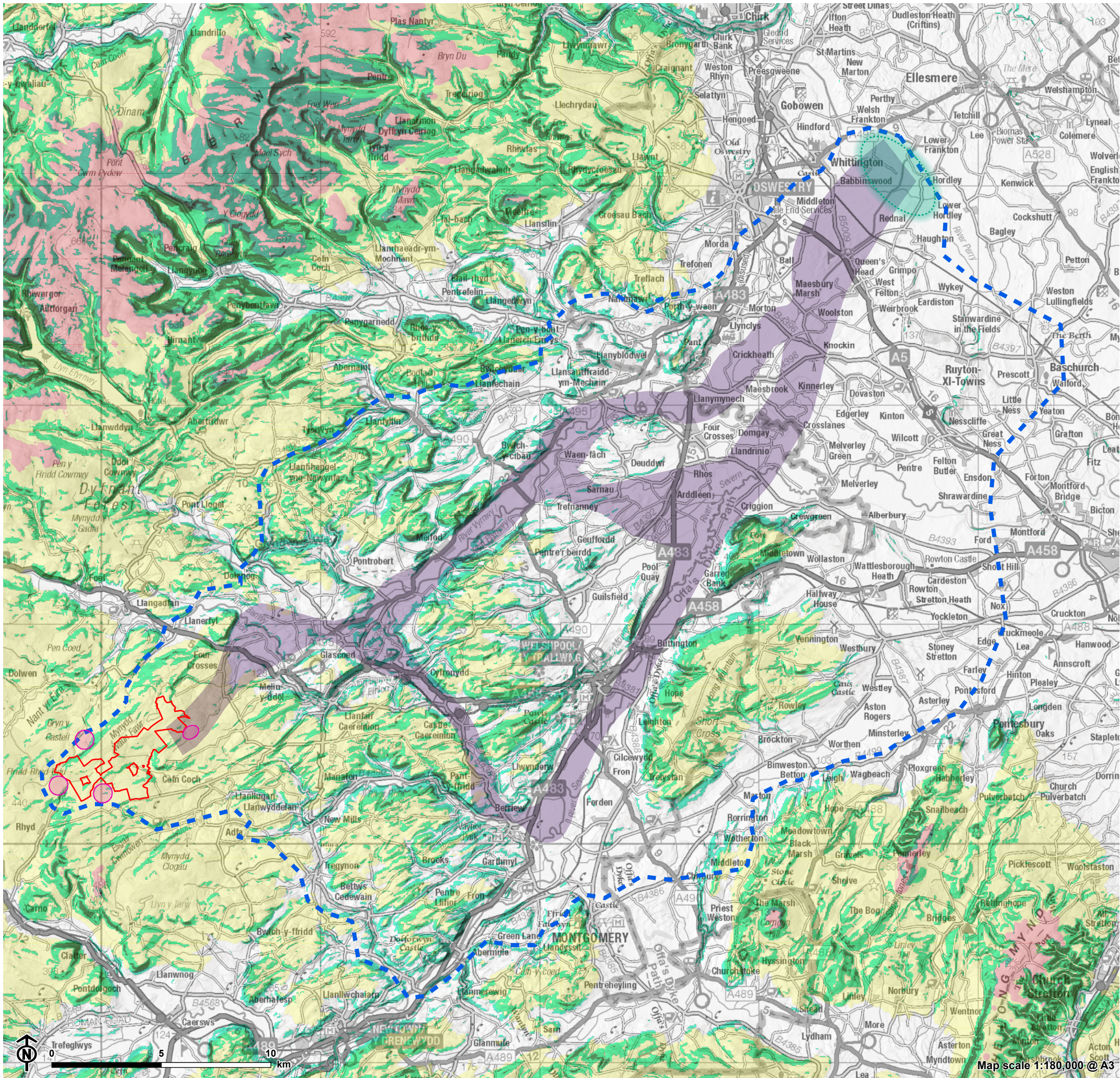


Figure 4.2.2 Considerations Influencing Corridor Option Selection

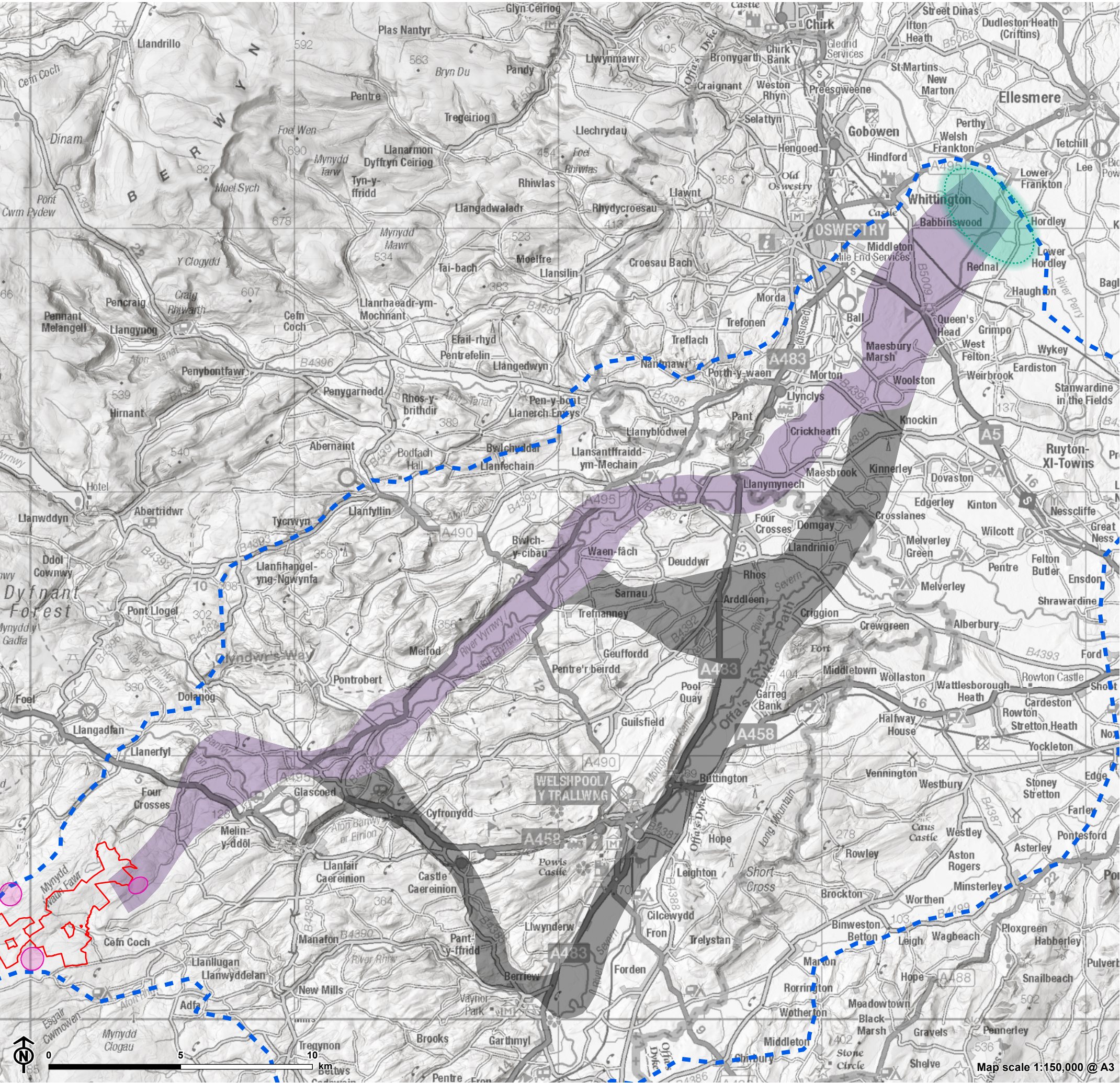
Elevation and Slope

- Llyn Lort Energy Park
- Study Area
- Search area for National Grid Substation
- Proposed Collector Substation and Cable Sealing End Compound Search Area
- Route Corridors
- Slope**
 - 10 - 22 degrees
 - > 22 degrees
- Elevation (AOD)**
 - 200 to 450m
 - > 450m

Figure 4.3: Corridor Options (Individual)

Corridor Option: 1

- Llyn Lort Energy Park
 - Study Area
 - Search area for National Grid Substation
 - Proposed Collector Substation and Cable Sealing End Compound Search Area
 - 400kV Overhead Line (OHL)
 - 275kV
 - 132
 - 25
 - 33
 - <all other values>
- Corridor Options**
- Corridor Option 1
 - Other Corridor Options



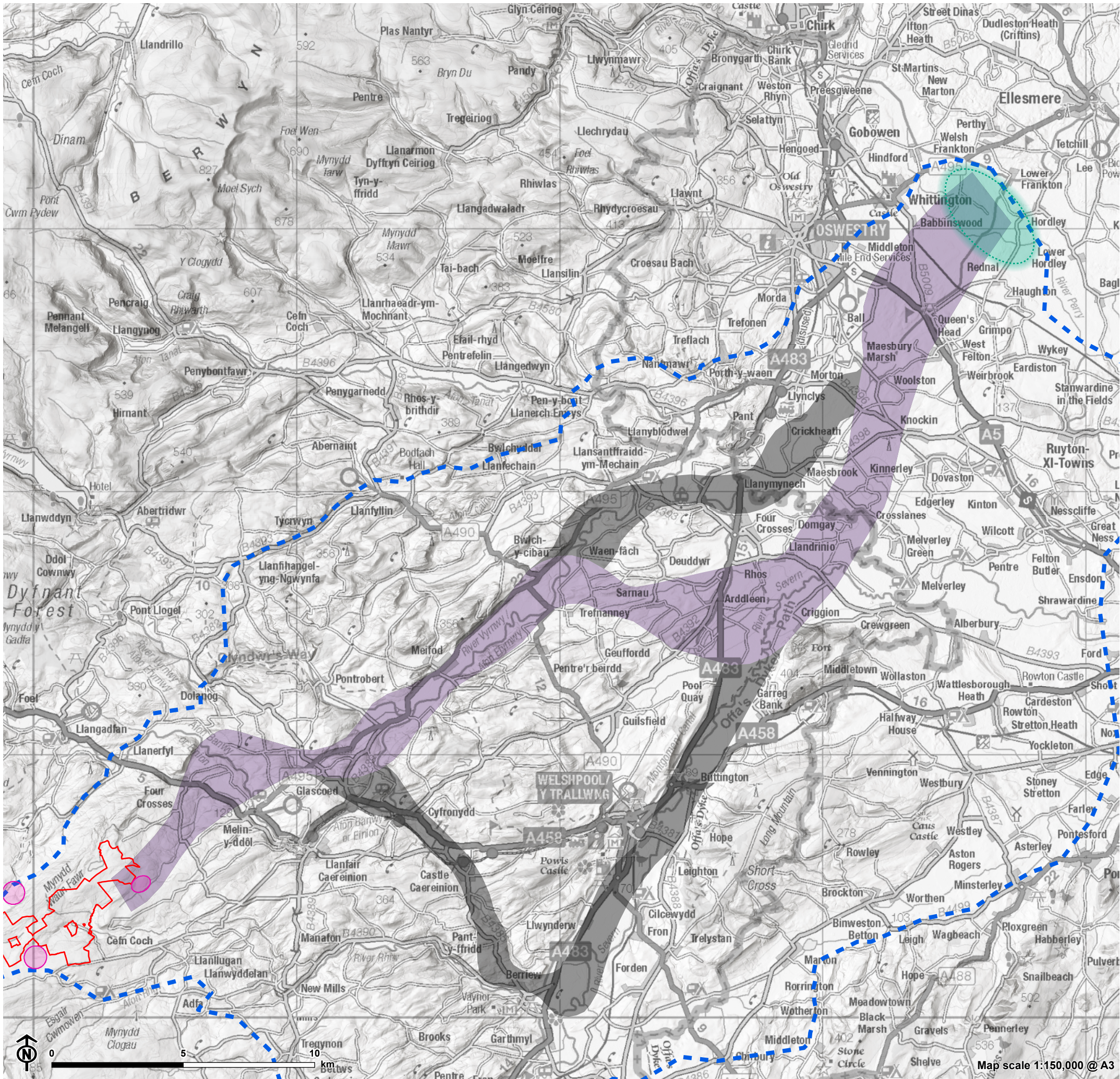


Figure 4.3: Corridor Options (Individual)

Corridor Option: 2

- Llyn Lort Energy Park
 - Study Area
 - Search area for National Grid Substation
 - Proposed Collector Substation and Cable Sealing End Compound Search Area
 - 400kV Overhead Line (OHL)
 - 275kV
 - 132
 - 25
 - 33
 - <all other values>
- Corridor Options**
- Corridor Option 2
 - Other Corridor Options

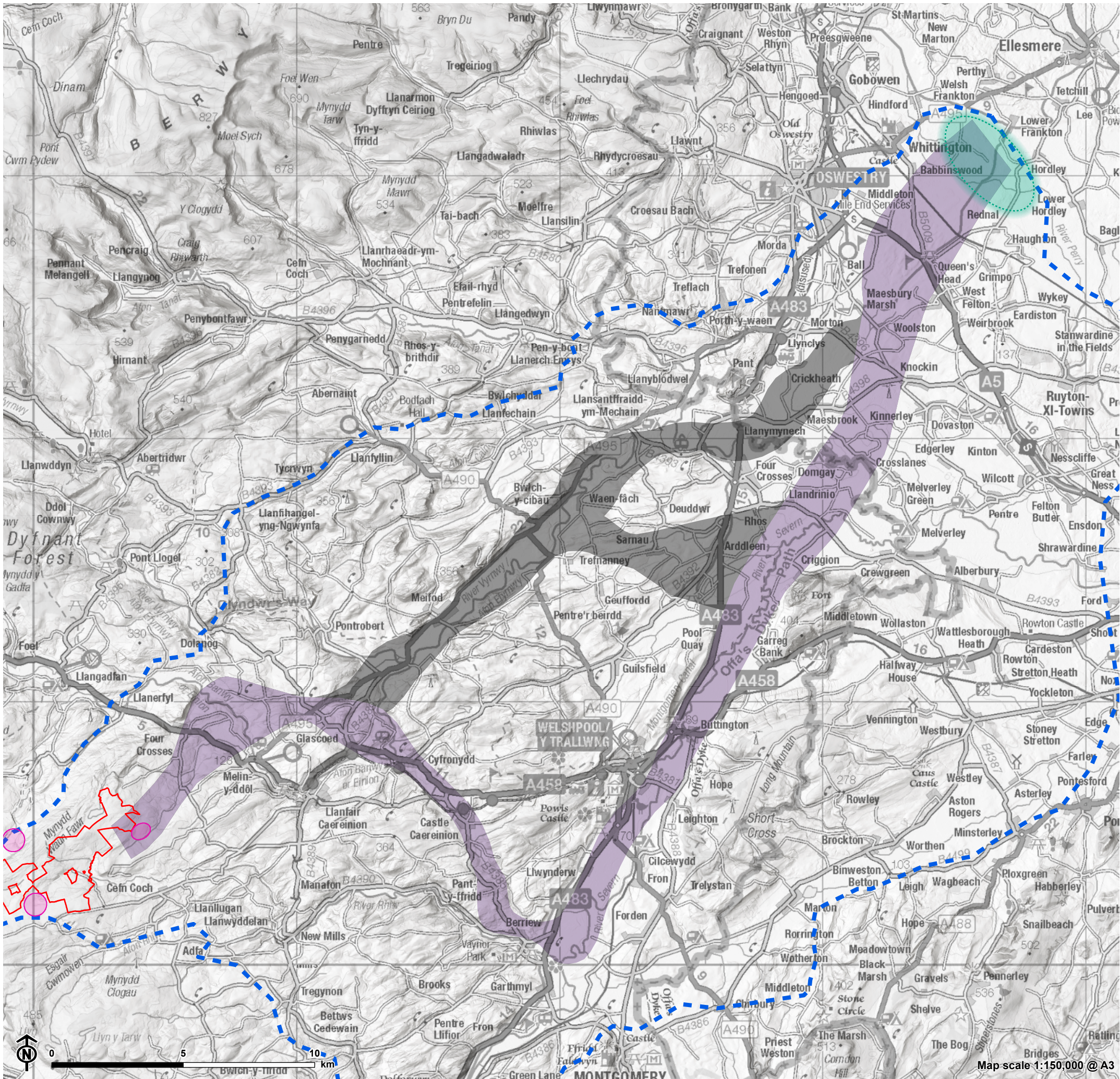
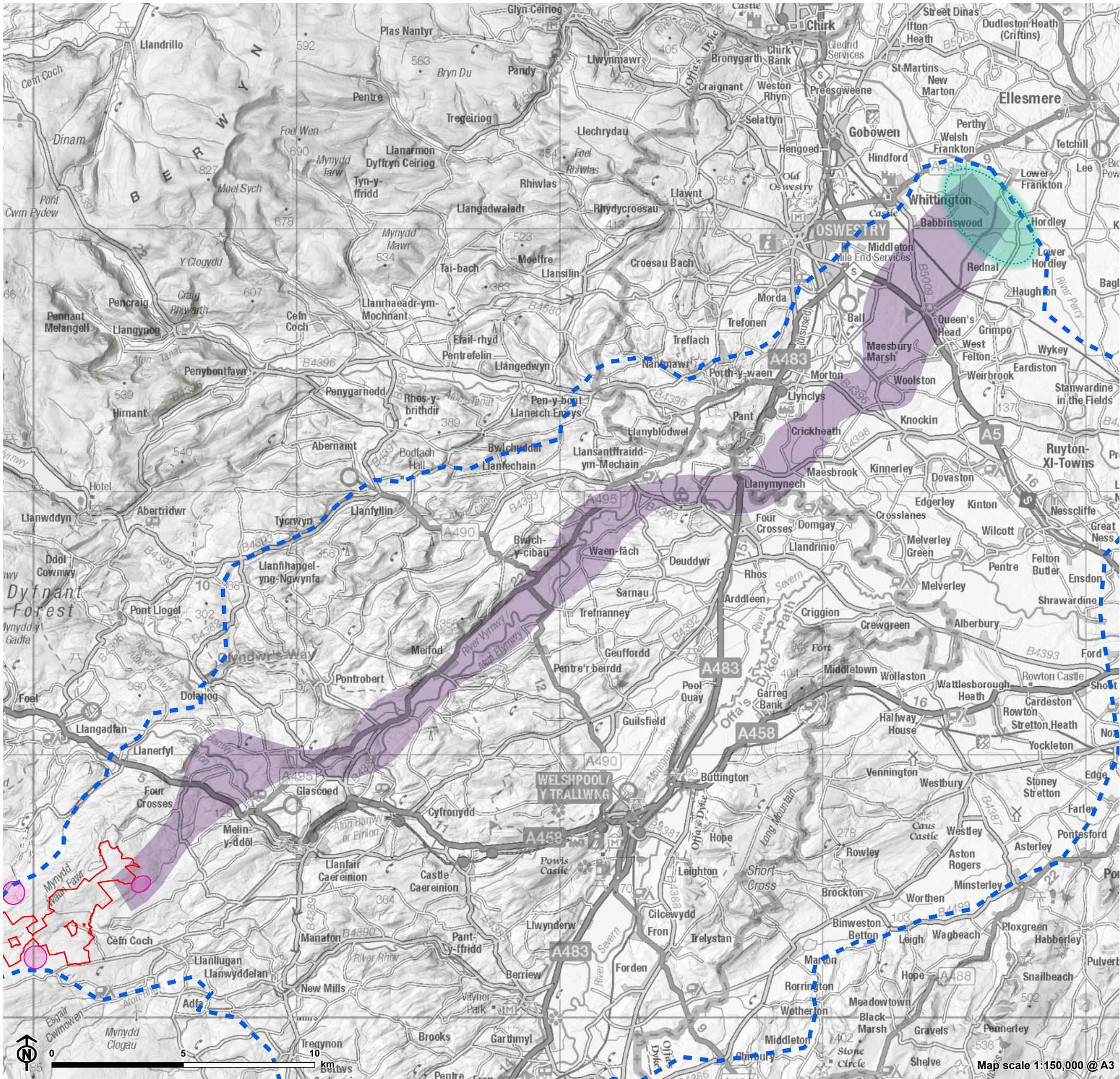


Figure 4.3: Corridor Options (Individual)

Corridor Option: 3

- Llyn Lort Energy Park
 - Study Area
 - Search area for National Grid Substation
 - Proposed Collector Substation and Cable Sealing End Compound Search Area
 - 400kV Overhead Line (OHL)
 - 275kV
 - 132
 - 25
 - 33
 - <all other values>
- Corridor Options**
- Corridor Option 3
 - Other Corridor Options



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Figure 4.4: Preferred Corridor

- Llyn Lort Energy Park
- Study Area
- Search area for National Grid Substation
- Proposed Collector Substation and Cable Sealing End Compound Search Area
- Preferred Corridor (Corridor 1)