



North-South 400kV Interconnection Development



Final Re-evaluation Report APPENDIX C

CMSA Maps

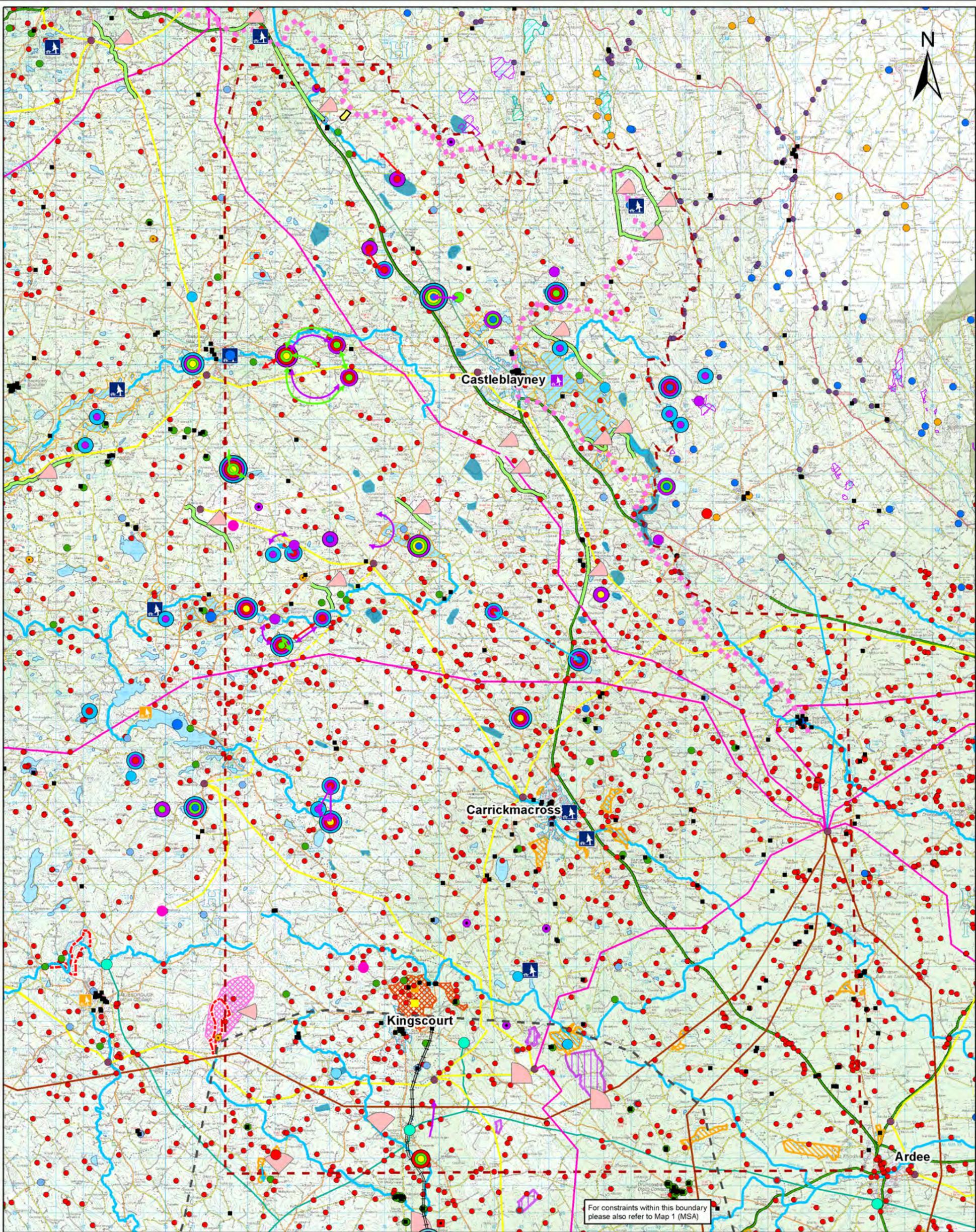


Part Funded by the EU-TEN-E Initiative

APPENDIX C

MAPS RELATING TO THE CMSA

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- | | | |
|---|---|--|
| <ul style="list-style-type: none"> Meath Study Area (MSA) Cavan Monaghan Study Area (CMSA) National Heritage Area/Proposed National Heritage Area Scenic Routes Paths of Clonhat Site (1996) Preservation Order National Inventory of Architectural Heritage National Monuments/Scheduled Monuments (NM) Record of Protected Structures / Listed Buildings (RPS) Area of Significant Architectural Interest Industrial Heritage (IH) RMP sites (SMR) sites Architectural Conservation Areas Areas of Special Landscape Interest Fossil Parks Railway Landmarks (Meath Landscape Character Assessment) | <ul style="list-style-type: none"> Geological Interest Site (designated by GSI) Area of Primary Amenity Value Area of Secondary Amenity Value Lakeside Amenity Area Swan flight lines 2008/09 Swan flight lines 2009/10 Swan flight lines 2010/11 Swan flight lines 2011/12 Historical Swan Site Swan sites recorded in Water Survey Period 1: 2007/2008 Swan sites recorded in Water Survey Period 2: 2009/2009 Swan sites recorded in Water Survey Period 3: 2009/2010 Swan sites recorded in Water Survey Period 4: 2010/2011 Swan sites recorded in Water Survey Period 5: 2011/2012 Lake / Lough | <ul style="list-style-type: none"> Major river Existing Paths and Cycle Routes Monaghan Way Planning Permission Granted for new 38 kV Line 38 kV line 110 kV line 220 kV line 275 kV line National Road Gas Pipeline Windfarm Gas Station Electricity Station Urban areas Area of Special Scientific Interest (SSI) Green Belt region Site of Local Nature Conservation Importance (SLNCI) Scenic Viewpoint Sensitive Ecological Receptors Geological Interest Site (surveyed by GSI) Area of Special Landscape Interest High Landscape Value Area |
|---|---|--|

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Kilometres

Map 1 (CMSA)

NOTES
1. DISCOVERY SERIES TILES USED: OS2628, OS2630, OS2632, OS2628, OS2630, OS2632
2. SOURCES OF CONSTRAINTS CAN BE FOUND ON INDIVIDUAL MAPS

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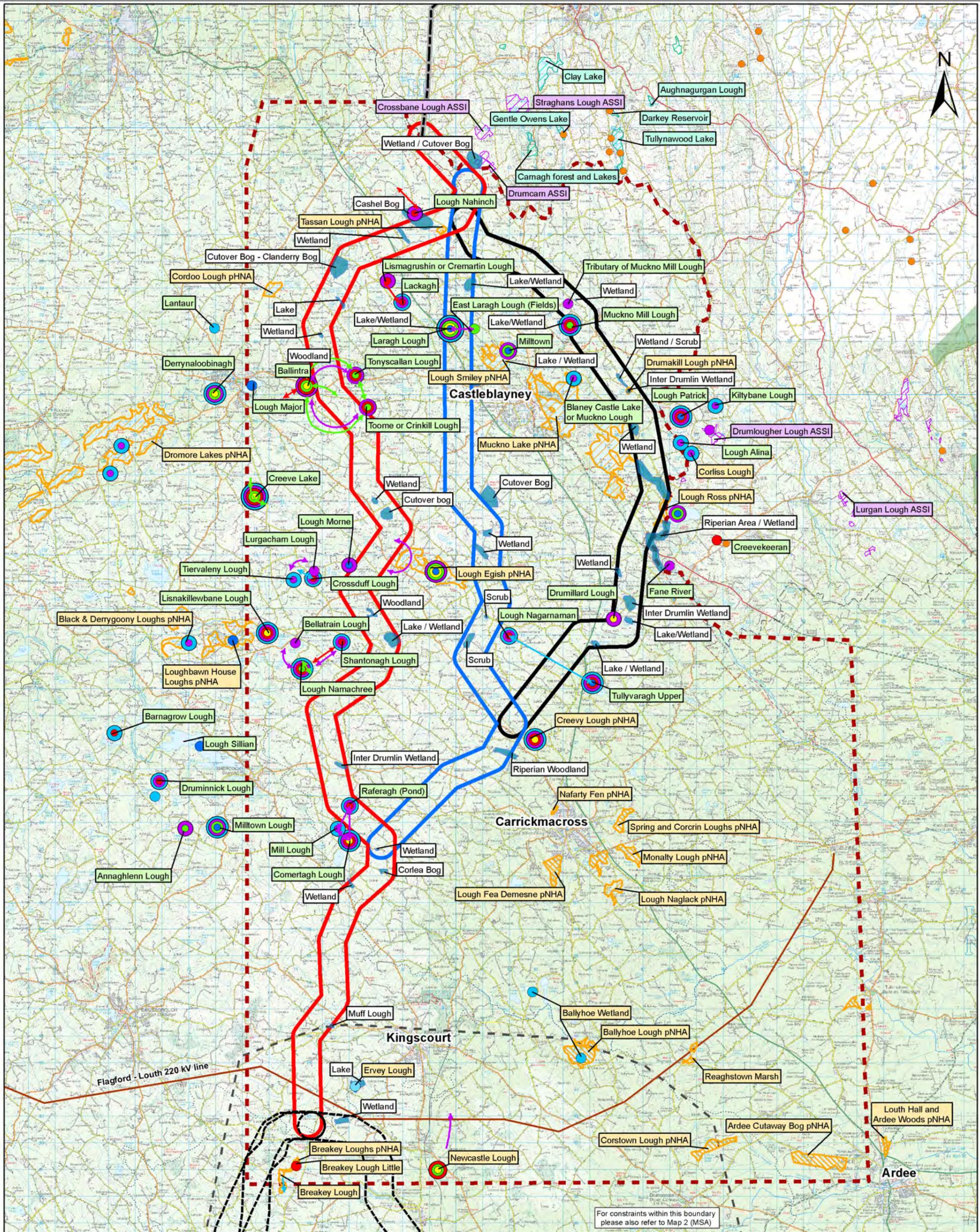
Project:
North-South 400 kV Interconnection Development

Title:
Constraints within the Cavan Monaghan Study Area (CMSA)

DRAWN EMcM	CHECKED KC	APPROVED CM	APPD DATE April-13
CLIENT REF		No. of Sheets 1 of 1	SCALE 1:130,000
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	Cavan Monaghan Study Area (CMSA)		Swan Flight Lines 2010/2011
	Route Corridor A		Swan Flight Lines 2011/2012
	Route Corridor B		Historical Swan Site
	Route Corridor C		Swan site recorded in Winter Survey Period 1: 2007/2008
	Natural Heritage Area/ Proposed Natural Heritage Area		Swan Site recorded in Winter Survey Period 2: 2008/2009
	Site of Local Nature Conservation Importance (NI)		Swan Site recorded in Winter Survey Period 3: 2009/2010
	Area of Special Scientific Interest (NI)		Swan Sites recorded in Winter Survey Period 4 : 2010/2011
	Green Belt region (NI)		Swan Site recorded in Winter Survey Period 5: 2011/2012
	Sensitive Ecological Receptors		Route Corridors 1/2/3A and 3B
	Breeding Wader Sites (NI)		Meath Study Area (MSA)
	Swan Flight Lines 2008/09		NIE Line Route, Application 0/2009/0792/F
	Swan Flight Lines 2009/10		

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Kilometres

Map 2 (CMSA)

NOTES
 1. DISCOVERY SERIES TILES USED: OS2628, OS2630, OS2632, OS2638, OS2639, OS2632
 2. DESIGNATED CONSERVATION AREAS SOURCED FROM NPWS (ROI) AND AECOM (NI)
 3. WHOOPER SWAN DATA BASED ON SITE SURVEYS

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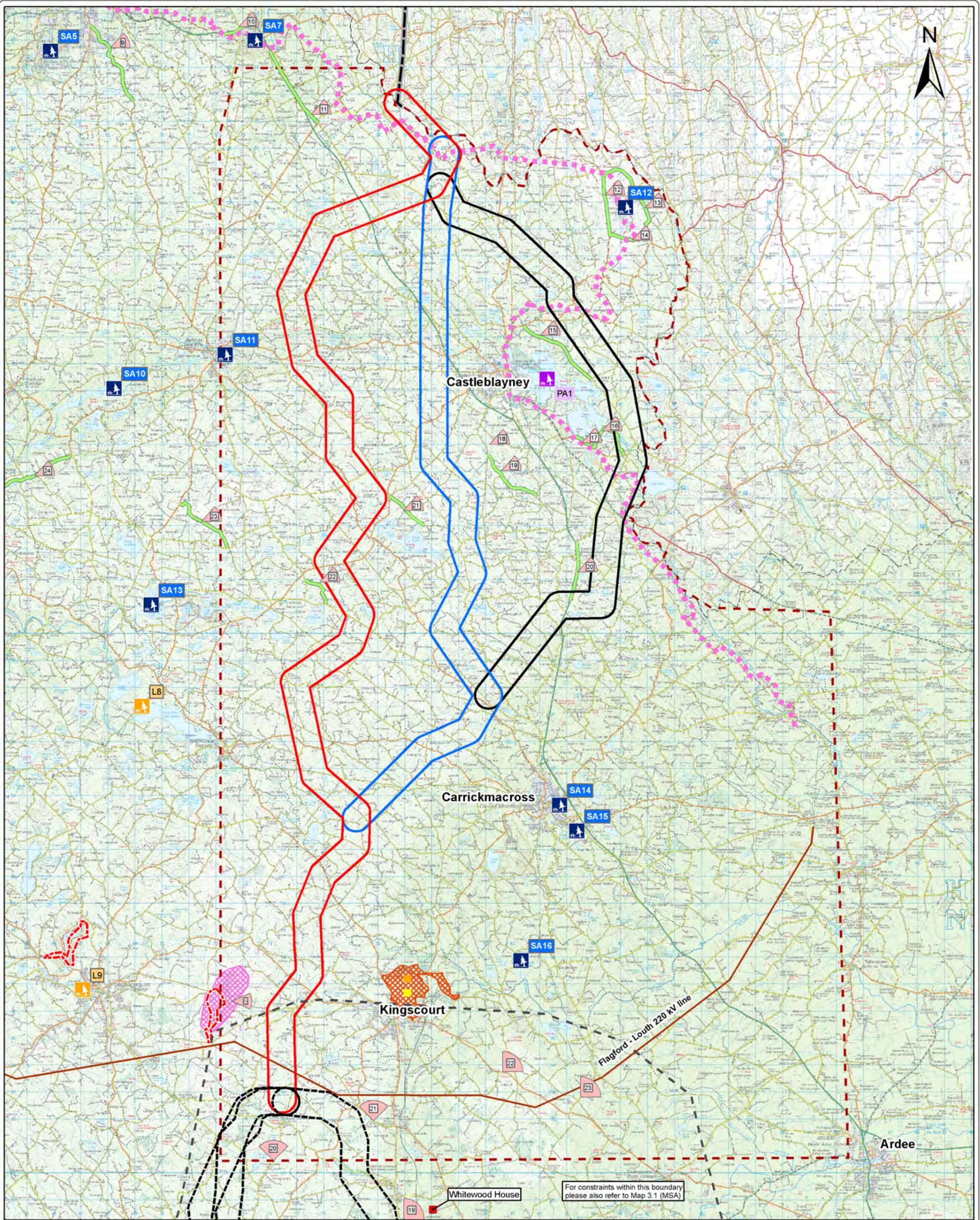
Project: North-South 400 kV Interconnection Development

Title: Route Corridor Options for the CMSA with the Ecological Constraints of the area

DRAWN EMcM	CHECKED KC	APPROVED CM	APPD DATE April-13
CLIENT REF		No. of Sheets 1 of 1	SCALE 1:130,000
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Cavan Monaghan Study Area (CMSA)	Landmarks (Meath Landscape Character Assessment)
Route Corridor A	Forest Park
Route Corridor B	Areas of Special Landscape Interest
Route Corridor C	Monaghan Way
Route Corridors 1/2/3A and 3B	Scenic Routes
Meath Study Area (MSA)	Existing Paths and Cycle Routes
NIE Line Route, Application O/2009/0792/F	Protected Views & Prospects
Area of Primary Amenity Value	High Landscape Value Area
Area of Secondary Amenity Value	Area of Special Landscape Interest
Lakeside Amenity Area	

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Kilometres

Map 3.1 (CMSA)

NOTES:
1. DISCOVERY SERIES TILES USED: OS2628, OS2630, OS2632, OS2628, OS2830, OS2832
2. LANDSCAPE DATA SOURCED FROM COUNTY DEVELOPMENT PLANS

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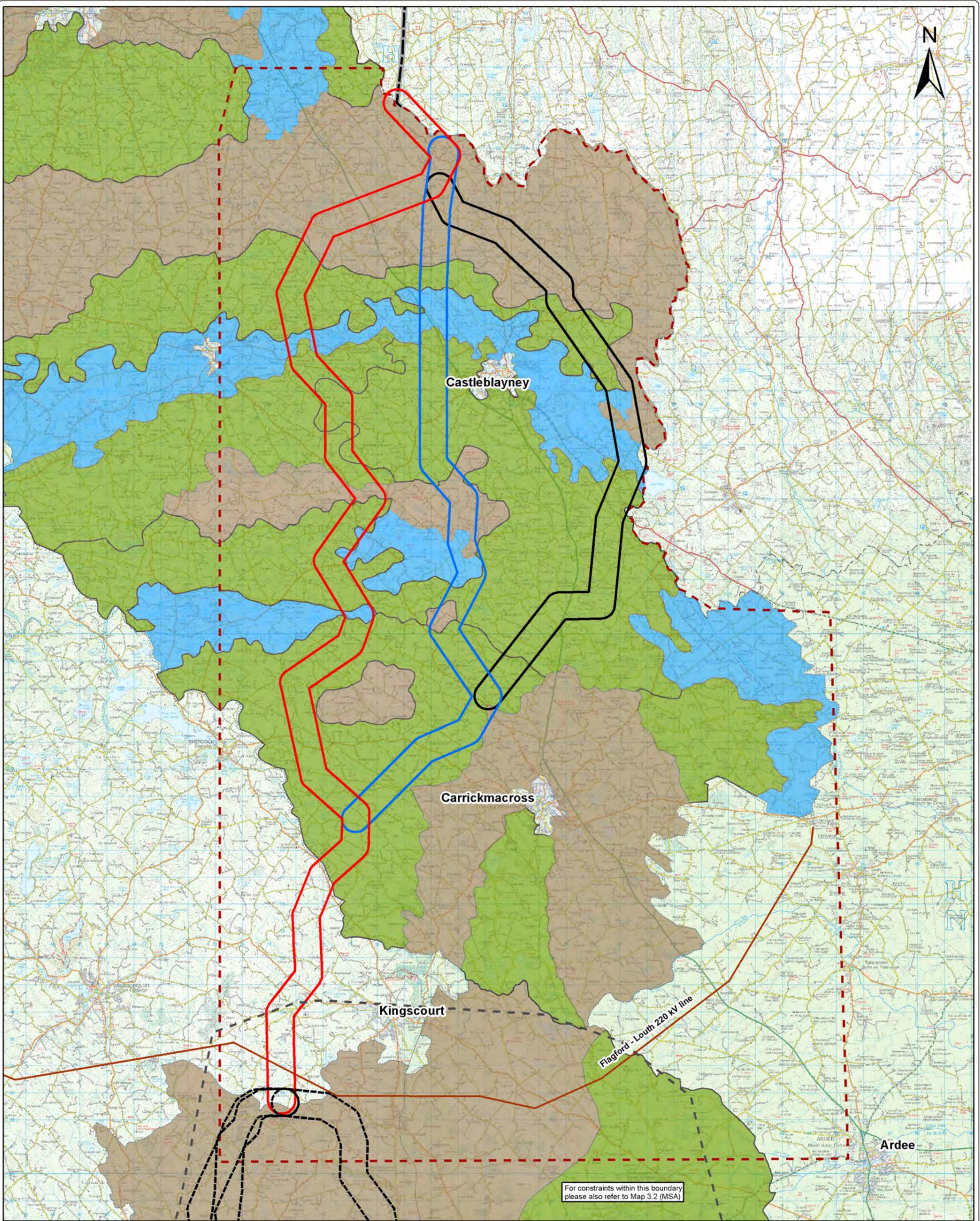
Project: North-South 400 kV Interconnection Development

Title: Route Corridor Options for the CMSA with the Landscape constraints of the area

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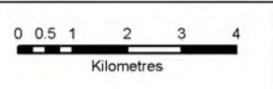


Legend

- Cavan Monaghan Study Area (CMSA)
- Meath Study Area (MSA)
- Route Corridor A
- Route Corridor B
- Route Corridor C
- Route Corridors 1/2/3A and 3B
- NIE Line Route, Application O/2009/0792/F

Landscape Character Type

- Hills and Upland Area
- Lowland Landscapes
- River Corridors and Lakelands



Map 3.2 (CMSA)

NOTES
 1. DISCOVERY SERIES TILES USED: OS2628, OS2630, OS2632, OS2628, OS2830, OS2832
 2. LANDSCAPE DATA SOURCED FROM COUNTY DEVELOPMENT PLANS

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Client:

Project:
North-South 400 kV Interconnection Development

Title:
Corridor Options & Landscape Character Types Map

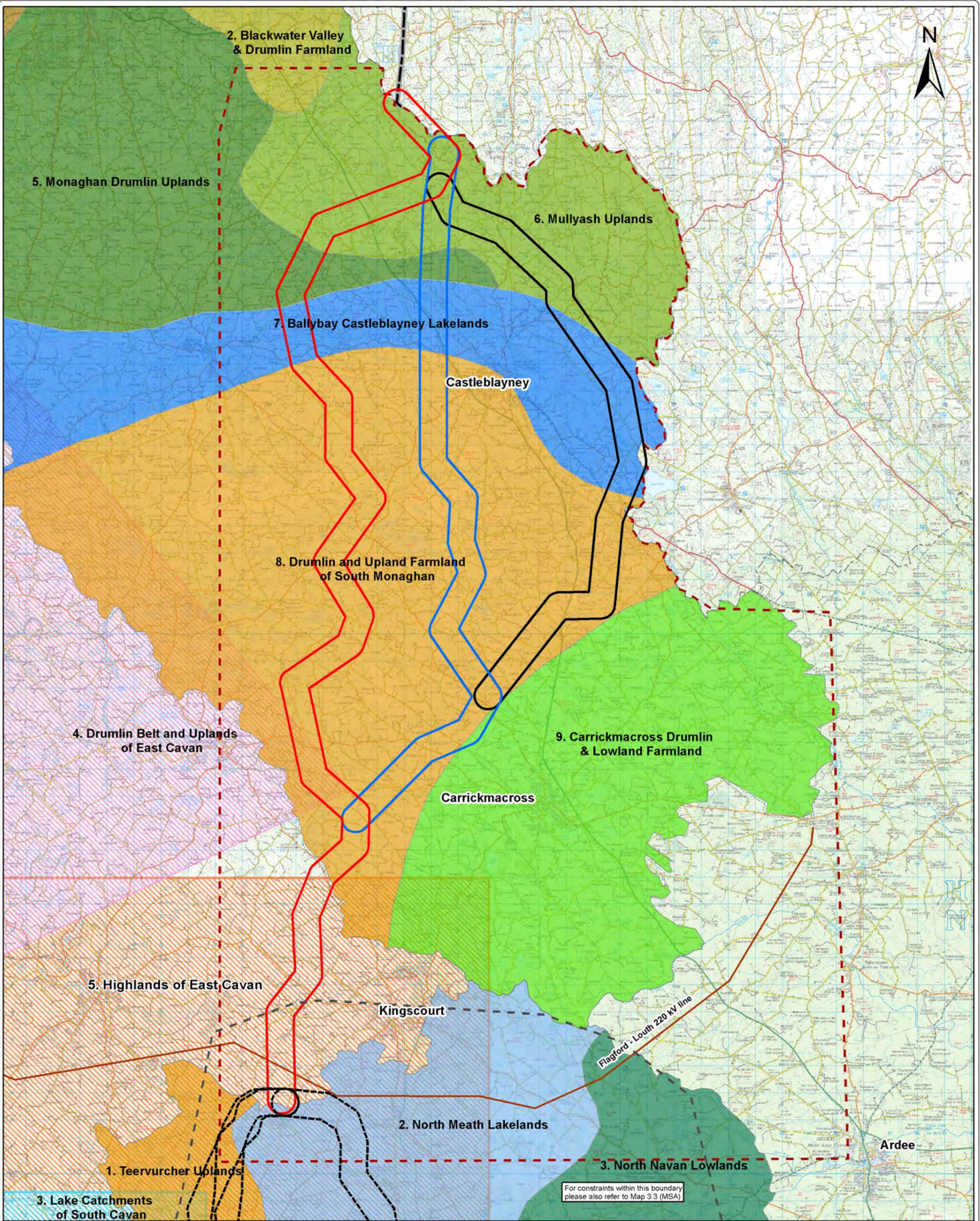
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Legend	
	Cavan Monaghan Study Area (CMSA)
	Meath Study Area (MSA)
	Route Corridor A
	Route Corridor B
	Route Corridor C
	Route Corridors 1/2/3A and 3B
	NIE Line Route, Application O/2009/0792/F
County Monaghan Landscape Character Areas	
	2. Blackwater Valley & Drumlin Farmland
	5. Monaghan Drumlin Uplands
	6. Mullyash Uplands
	7. Ballybay Castleblayney Lakelands
	8. Drumlin and Upland Farmland of South Monaghan
	9. Carrickmacross Drumlin & Lowland Farmland
County Meath Landscape Character Areas	
	1. Teervurcher Uplands
	2. North Meath Lakelands
	3. North Navan Lowlands
County Cavan Landscape Character Areas	
	3. Lake Catchments of South Cavan
	4. Drumlin Belt and Uplands of East Cavan
	5. Highlands of East Cavan

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Kilometres

Map 3.3 (CMSA)

NOTES
1. DISCOVERY SERIES TILES USED: OS2628, OS2630, OS2632, OS2628, OS2630, OS2632
2. LANDSCAPE DATA SOURCED FROM COUNTY DEVELOPMENT PLANS

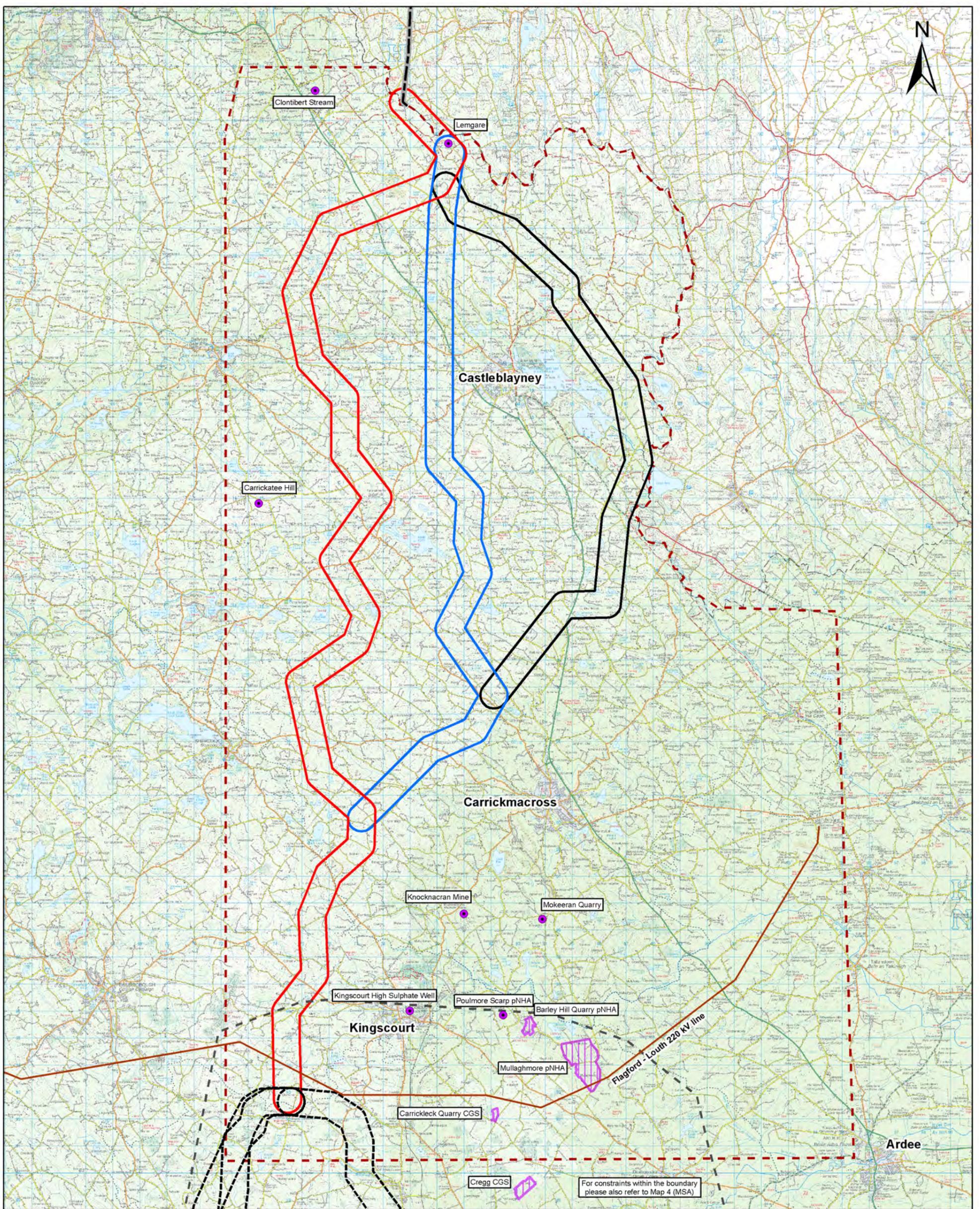
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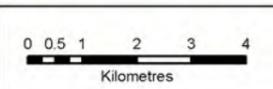
Project: North-South 400 kV Interconnection Development

Title: Corridor Options & Landscape Character Areas Map

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- Cavan Monaghan Study Area (CMSA)
- Route Corridor A
- Route Corridor B
- Route Corridor C
- Geological Interest Site (identified by GSI)
- Geological Interest Site (surveyed by GSI)
- Meath Study Area (MSA)
- Route Corridors 1/2/3A and 3B
- NIE Line Route, Application O/2009/0792/F



Map 4 (CMSA)

NOTES:
 1. DISCOVERY SERIES TILES USED: OS2628, OS2630, OS2632, OS2628, OS2630, OS2632
 2. GEOLOGICAL DATA SOURCED FROM GSI

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Project:
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Title:
 Route Corridor Options for the CMSA with the Geology Constraints of the area

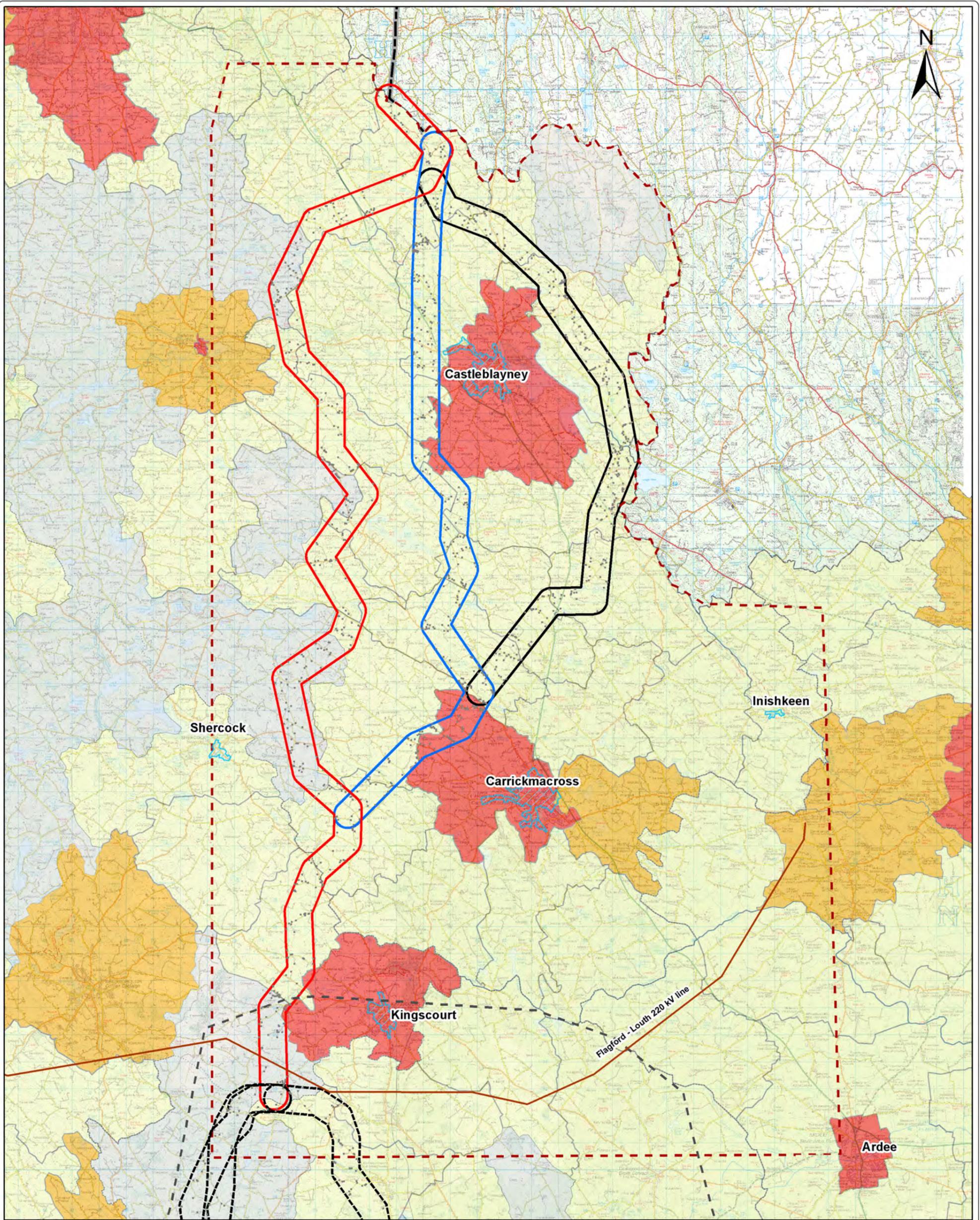
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Cavan Monaghan Study Area (CMSA)	Meath Study Area (MSA)
Route Corridor A	NIE Line Route, Application O/2009/0792/F
Route Corridor B	
Route Corridor C	
Urban areas	
GeoDirectory (December 2012)	
Route Corridors 1/2/3A and 3B	

Persons per square kilometre	
	10<25
	25<50
	50<100
	100+

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Kilometres

Map 6 (CMSA)

Notes:
1 DISCOVERY SERIES TILES USED: OS2628, OS2630, OS2630, OS2632, OS2628, OS2630, OS2632
2 POPULATION DENSITY DATA SOURCED FROM CENTRAL STATISTICS OFFICE 2011 DATA AND BASED ON ELECTORIAL DIVISIONS
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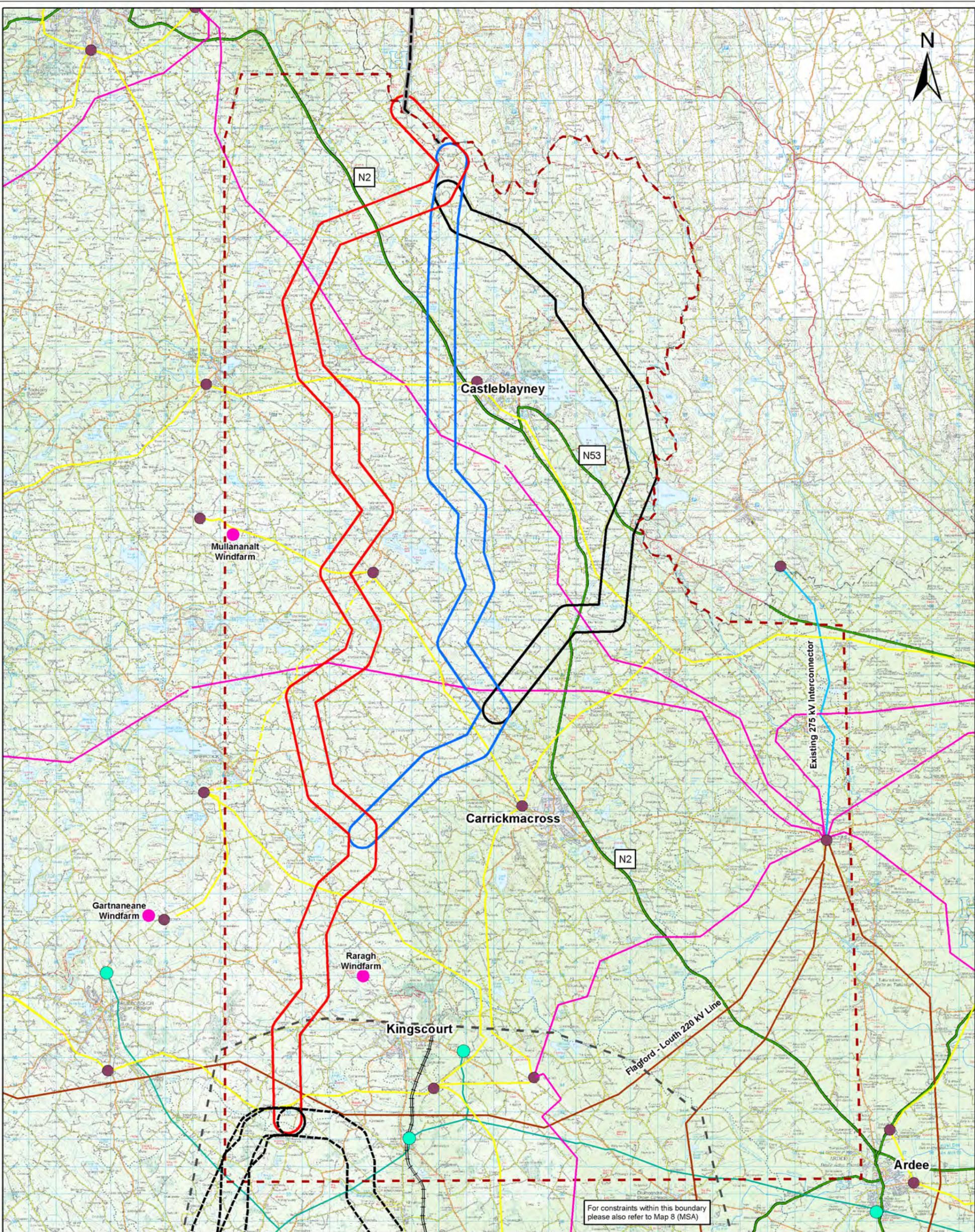
Project:
North-South 400 kV Interconnection Development

Title:
Route Corridor Options for the CMSA with the Settlement Constraints and Population Densities of the area

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For constraints within this boundary please also refer to Map 8 (MSA)

- - - Cavan Monaghan Study Area (CMSA)
- ▭ Route Corridor A
- ▭ Route Corridor B
- ▭ Route Corridor C
- - - Planning Permission Granted for 38 kV Line
- 38 kV Line
- 110 kV Line
- 220 kV Line
- 275 kV Line
- Gas Pipeline
- National Road
- Railway
- Gas Stations
- Electricity Station
- Windfarm
- Meath Study Area (MSA)
- Route Corridors 1/2/3A and 3B
- NIE Line Route, Application O/2009/0792/F

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Kilometres

Map 8 (CMSA)

NOTES:
 1. DISCOVERY SERIES TILES USED: OS2628, OS2630, OS2632, OS2628, OS2630, OS2632
 2. GAS NETWORK SOURCED FROM BORD GÁS
 3. POWER NETWORK SOURCED FROM ESB NETWORKS
 4. ROADS SOURCED FROM NRA

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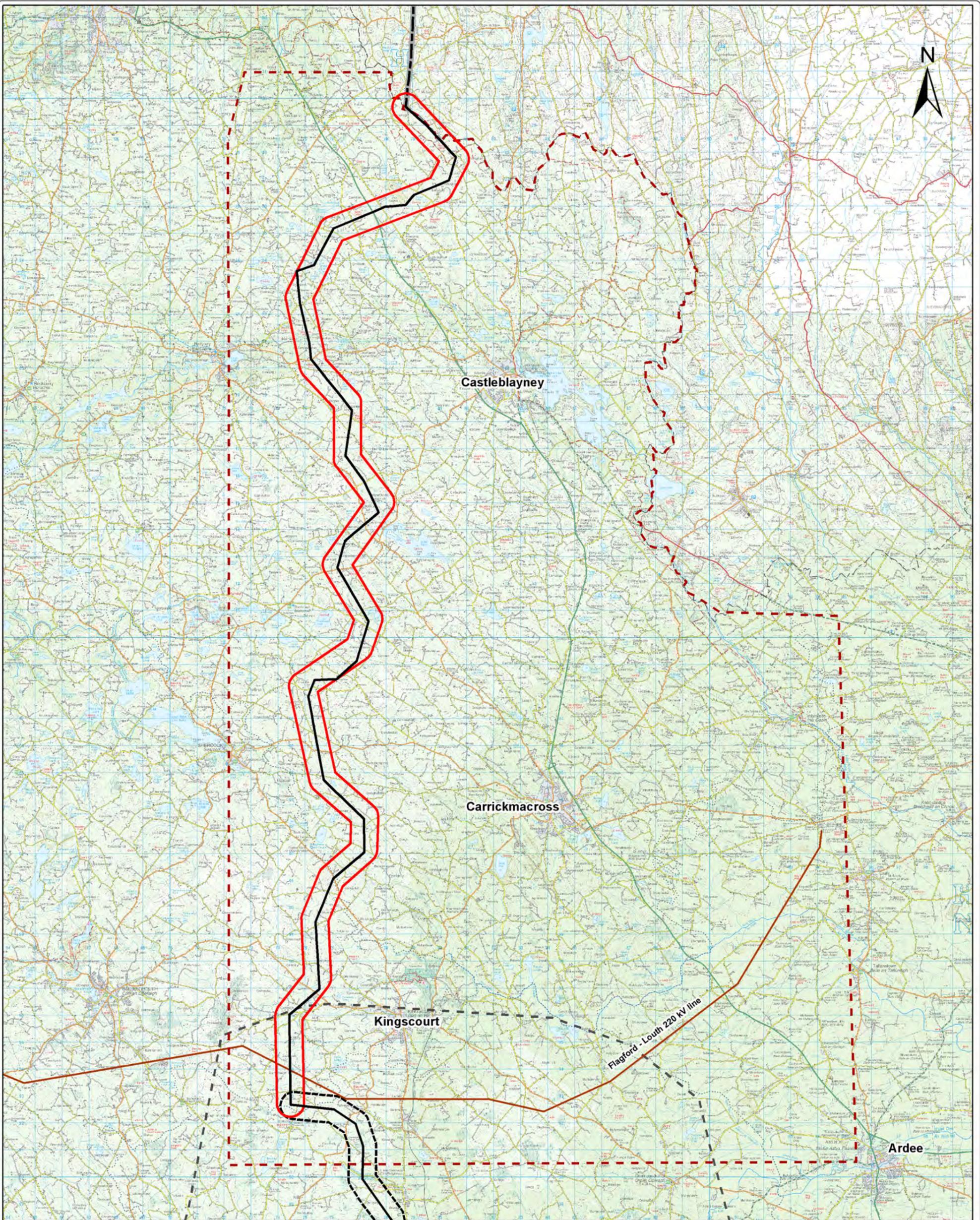
Title:
Route corridor options for the CMSA with the Utilities and Infrastructure Constraints of the area.

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	Indicative Line Route (April-13)
	Cavan Monaghan Study Area (CMSA)
	Route Corridor A
	Route Corridor 3B (MSA)
	Meath Study Area (MSA)
	NIE Line Route, Application O/2009/0792/F

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Map 9 (CMSA)

Notes:
1 DISCOVERY SERIES TILES USED: OS2628, OS2630, OS2632, OS2826, OS2830, OS2832

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Project:
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Title:
Indicative Line Route (CMSA)

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