

Dunmanway to Clashavoon 110kV Overhead Line Environmental Reports

Assessment of Corridors Report – Cultural Heritage

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1. Introduction

This section provides an assessment of the potential route corridors within the study area for the proposed 110kV line from Clashavoon to Dunmanway, Co. Cork. The purpose of this assessment is to recommend the route corridor that causes the least Cultural Heritage impacts.

A previous Constraints Report identified the most significant Cultural Heritage constraints within the study area. The potential route corridors have been designed having regard to the identified constraints.

2. Assessment of Route Corridors

A desk-based route selection report was undertaken for three potential route corridors between Clashavoon townland (northeast of Macroom) and Dunmanway, Co. Cork to highlight areas of potential archaeological sensitivity and to identify all recorded cultural heritage sites that may influence the selection of the potential routes for the proposed electricity transmission line. The routes include an eastern route corridor, a central route corridor and a western route corridor. A number of options within each corridor were also included.

The aim of the route selection report is to assess each of the route corridors for their archaeological landscape potential and map each route showing the identifiable cultural heritage sites that may impact on choosing one route over another for the proposed electricity transmission line. For the purposes of this report, **cultural heritage** is considered to include the following elements:

- Sites listed in the Sites & Monuments Record (SMR)
- Record of Monuments & Places (RMP)
- Sites listed in the Archaeological Inventory of Mid Cork and West Cork
- Archaeological sites listed on the National Monuments Service website: www.archaeology.ie
- Sites listed in the Record of Protected Structures (RPS)
- National Inventory of Architectural Heritage, Buildings of Ireland: www.buildingsofireland.ie
- Sites uncovered in Excavations Bulletins

Eastern Route Corridor

National Monuments

No *National Monuments* in State Care/Ownership are located within the Eastern Route corridor. Kinneigh Round Tower RMP CO094-104/002 National Monument No. 618 and RPS no. 603 is located 274m south of the northern alternative (Nodes 9-10) and 782m northwest of the southern alternative. The correspondence from the DAU (Ref G2010 407) of the Department of the Environment Heritage and Local Government has stated that 'all National Monuments in State Ownership or Guardianship... should be identified and zones of visual amenity defined for them'. Ideally pole sets and pylons should not be visible from sites which are National Monuments.

Record of Monuments and Places (RMP) and Sites and Monuments Record (SMR)

One hundred and three monuments occur within this corridor. Three are now redundant monuments leaving 100 recorded monuments which are outlined in *Figure 2.1* and *Table 2.1* below. Clusters of monuments and those which are prominent in the landscape will be highlighted here to assist in the route selection process.

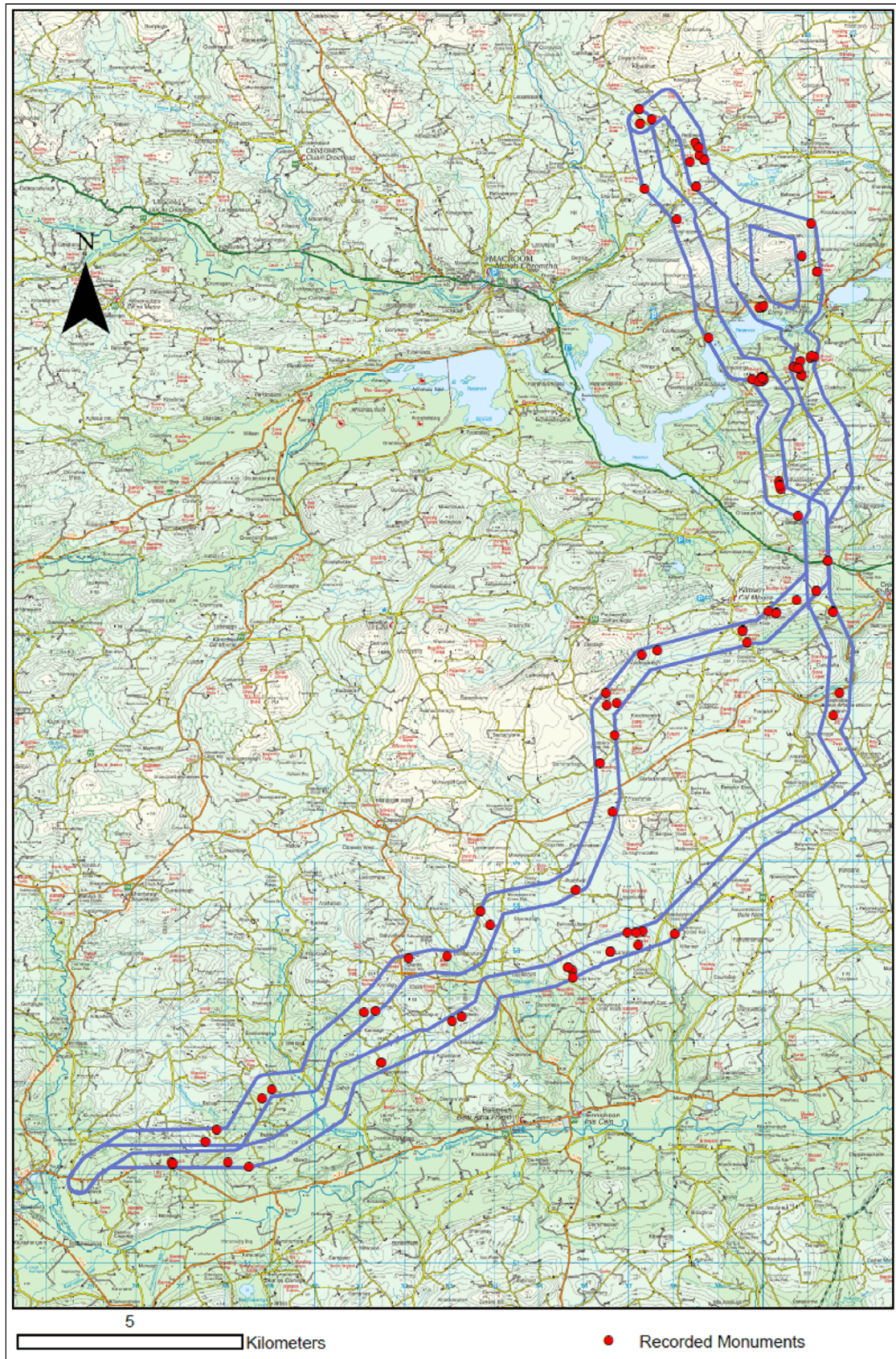


Figure 2.1: Map showing Eastern route corridor and Recorded Monuments.

RMP	Easting	Northing	Townland	Monument Type
CO060-121001-	137227	76831	KILBERRIHERT	RINGFORT - RATH
CO060-121002-	137224	76851	KILBERRIHERT	SOUTERRAIN
CO060-122----	137506	76612	KILBERRIHERT	BURIAL GROUND
CO060-126----	138476	76099	RUSHEEN	ENCLOSURE
CO060-179----	138530	76021	RUSHEEN	STANDING STONE
CO060-202001-	138687	75723	RUSHEEN	CAIRN - RADIAL-STONE CAIRN
CO060-202002-	138682	75709	RUSHEEN	CAIRN - RADIAL-STONE CAIRN
CO060-203----	138565	75980	RUSHEEN	KILN - LIME
CO060-205----	138580	75818	RUSHEEN	STANDING STONE
CO060-206----	138364	75675	RUSHEEN	STANDING STONE
CO060-209----	137250	76530	AUGHINIDA	FULACHT FIA
CO060-209----	137250	76530	AUGHINIDA	FULACHT FIA
CO071-026----	137353	75065	SHANAKILL	FULACHT FIA
CO071-029001-	138502	75111	COOLKISHA	RINGFORT - RATH
CO071-029002-	138502	75111	COOLKISHA	SOUTERRAIN
CO071-031----	138066	74383	CURRAGHANEARLA	FULACHT FIA
CO071-061----	140862	73547	CARRIGADROHID	RINGFORT - RATH
CO071-064001-	141197	73199	CAPPANAGRAUN	RITUAL SITE - HOLY WELL
CO071-064002-	141201	73199	CAPPANAGRAUN	BULLAUN STONE
CO071-065----	141073	74291	CAPPANAGRAUN	FULACHT FIA
CO071-104----	138775	71727	CAUM	STANDING STONE - PAIR
CO071-108001-	139965	70828	BAWNATEMPLE	ECCLESIASTICAL ENCLOSURE
CO071-108002-	140015	70800	BAWNATEMPLE	GRAVEYARD
CO071-108003-	139943	70835	BAWNATEMPLE	CHURCH
CO071-108004-	139965	70840	BAWNATEMPLE	CHURCH
CO071-108005-	139981	70855	BAWNATEMPLE	CROSS-SLAB
CO071-108006-	139967	70742	BAWNATEMPLE	SOUTERRAIN
CO071-108007-	139892	70746	BAWNATEMPLE	SOUTERRAIN
CO071-110001-	140846	70888	BAWNATEMPLE	FULACHT FIA
CO071-110002-	140858	70880	BAWNATEMPLE	FULACHT FIA
CO071-111001-	140677	71075	BAWNATEMPLE	FULACHT FIA
CO071-111002-	140753	71045	BAWNATEMPLE	FULACHT FIA
CO071-111003-	140779	71042	BAWNATEMPLE	FULACHT FIA
CO071-111004-	140801	71031	BAWNATEMPLE	FULACHT FIA
CO071-112----	140827	71212	BAWNATEMPLE	RITUAL SITE - HOLY WELL
CO071-120----	139746	70797	COOLNACARRIGA	BULLAUN STONE
CO071-122----	141075	71326	KILLINARDRISH	FULACHT FIA
CO071-123----	141052	71264	KILLINARDRISH	FULACHT FIA
CO071-124----	141112	71307	KILLINARDRISH	FULACHT FIA
CO071-125----	141143	71300	KILLINARDRISH	FULACHT FIA
CO071-126----	140002	72440	COOLALTA	BURNT SPREAD
CO071-144----	139967	72405	COOLALTA	FULACHT FIA
CO071-145----	139910	72400	COOLALTA	FULACHT FIA
CO083-023001-	140352	68519	SHANDANGAN WEST	FULACHT FIA
CO083-023002-	140360	68450	SHANDANGAN WEST	FULACHT FIA
CO083-023003-	140371	68418	SHANDANGAN WEST	FULACHT FIA
CO083-024----	140391	68344	SHANDANGAN WEST	FULACHT FIA
CO083-026----	140774	67743	LISSARDAGH	SOUTERRAIN
CO083-051----	137289	64629	KNOCKACAREIGH	RINGFORT - RATH
CO083-053----	139637	64892	COOLDUFF	STANDING STONE
CO083-063001-	139532	65162	CLOGHMACOW	STANDING STONE

RMP	Easting	Northing	Townland	Monument Type
CO083-063002-	139537	65189	CLOGHMACOW	ANOMALOUS STONE GROUP
CO083-065----	140116	65594	CLOGHMACOW	RINGFORT - RATH
CO083-066001-	140287	65563	CLOGHMACOW	RINGFORT - RATH
CO083-066002-	140291	65581	CLOGHMACOW	SOUTERRAIN
CO083-067----	140747	65848	CLOGHMACOW	RINGFORT - RATH
CO083-068----	141186	66058	CLODAH, CLOGHMACOW	RINGFORT - RATH
CO083-068----	141186	66058	CLODAH, CLOGHMACOW	RINGFORT - RATH
CO083-069----	141441	66740	CLODAH	FULACHT FIA
CO083-069----	141441	66740	CLODAH	FULACHT FIA
CO083-071001-	141553	65588	CLODAH	RINGFORT - RATH
CO083-071002-	141555	65602	CLODAH	SOUTERRAIN
CO083-081----	136493	63767	KNOCKBOY	STANDING STONE
CO083-082----	136508	63496	KNOCKBOY	RINGFORT - RATH
CO083-083----	136736	63555	KNOCKBOY	REDUNDANT RECORD
CO083-084----	136684	62832	KNOCKNANEIRK	RINGFORT - RATH
CO083-111----	141564	63279	ARDRAH	FULACHT FIA
CO083-126----	141693	63774	ARDRAH	KILN - LIME
CO083-145----	137631	64732	KNOCKACAREIGH	FULACHT FIA
CO094-092----	131086	56623	KINNEIGH	RINGFORT - CASHEL
CO094-101----	132088	57840	BALLYVELONE EAST	RINGFORT - RATH
CO094-102----	132948	57882	BALLYVELONE EAST	RITUAL SITE - HOLY WELL
CO094-106----	133052	56435	ARDKILLEEN	STANDING STONE
CO094-107----	133274	56532	ARDKILLEEN	RINGFORT - RATH
CO094-115----	131352	56663	KINNEIGH	REDUNDANT RECORD
CO095-015----	136359	62206	GARRANEREAGH	STANDING STONE
CO095-019----	136638	61119	BENGOUR WEST	RINGFORT - RATH
CO095-040001-	133686	58888	GARLAND	RINGFORT - RATH
CO095-040002-	133686	58888	GARLAND	SOUTERRAIN
CO095-041----	133903	58579	GARLAND	RINGFORT - RATH
CO095-050----	135811	59364	RUSHFIELD	CHURCH
CO095-056001-	136593	57989	LARAVOOLTA	RINGFORT - RATH
CO095-056002-	136593	57989	LARAVOOLTA	SOUTERRAIN
CO095-058----	137305	58444	LARAVOOLTA	STANDING STONE
CO095-059----	137211	58125	LARAVOOLTA	STANDING STONE
CO095-065002-	138029	58384	KILLANEER	RINGFORT - RATH
CO095-080----	135748	57551	BELROSE LOWER	RINGFORT - RATH
CO095-099----	136968	58417	LARAVOOLTA	SOUTERRAIN
CO095-100----	137157	58417	LARAVOOLTA	SOUTERRAIN
CO095-124----	135755	57394	BELROSE LOWER	FULACHT FIA
CO095-125----	135644	57634	BELROSE LOWER	SOUTERRAIN
CO095-126----	135644	57634	BELROSE LOWER	RINGFORT - RATH
CO108-008----	128814	54684	BEHAGH	RINGFORT - CASHEL
CO108-010----	129029	54894	TOOM	RINGFORT - RATH
CO108-020001-	131473	55492	LISSACRONEEN	RINGFORT - RATH
CO108-020002-	131473	55492	LISSACRONEEN	SOUTERRAIN
CO108-027001-	126789	53266	NEDINAGH EAST	ECCLESIASTICAL ENCLOSURE
CO108-027002-	126824	53233	NEDINAGH EAST	GRAVEYARD
CO108-027003-	126815	53228	NEDINAGH EAST	CHURCH
CO108-029----	127801	53996	GORTNAMUCKLAGH	REDUNDANT RECORD
CO108-030----	128057	53268	MANCH WEST	FULACHT FIA
CO108-031----	128523	53174	MANCH WEST	RINGFORT - RATH

RMP	Easting	Northing	Townland	Monument Type
CO108-079----	127550	53726	GORTNAMUCKLAGH	MASS-ROCK

Table 2.1: Recorded Monuments located within Eastern Route Corridor

An ecclesiastical enclosure (RMP CO071-108) and associated monuments (churches, bullaun stone, cross slab and graveyard) is located centrally within this corridor (nodes 4-11) in Bawnatemple townland. This complex occurs as a cluster of monuments, therefore traversing the monuments by a transmission line may potentially result in dividing the 'landscape' or have a visual impact on the monuments.

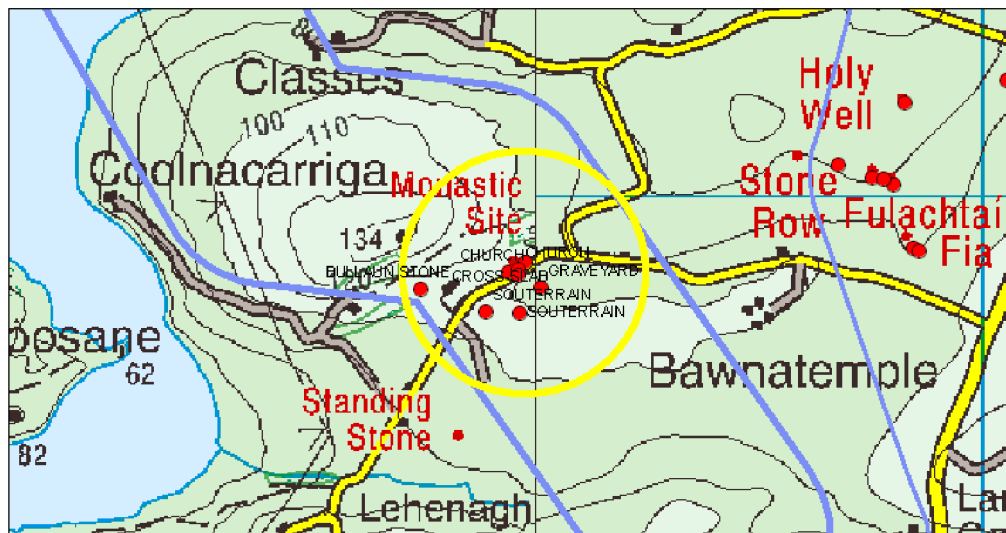


Figure 2.2: Ecclesiastical complex CO071-108 at Bawnatemple Td.

Another cluster of Bronze Age monuments are located at Rusheen Townland (Node 4-13) and consist of two standing stones and two radial stone cairns (CO060-205 & 206 and CO060-202/01 and 02, respectively). This group of sites occurs at the northern end of the eastern corridor. The positioning of polesets and angle masts in the route selection process has the potential to divide an identified archaeological landscape and may potentially have a visual impact on the latter. It is preferable that the transmission line would not traverse the sites in order to avoid any potential visual impacts.

Another small cluster of Bronze Age monuments (Fulachta Fiadh CO071-126, 145-146) is located at Coolalta (nodes 12a-13). The sites are located centrally within the corridor. Positioning the transmission line to either the west or east of these monuments would be preferable to avoid any direct impacts. Fulacht fia are largely low lying monuments and visual impacts would therefore be unlikely to occur.

A cluster of monuments (i.e. 10 fulacht fiadh) are located at Killinardrish and Bawnatemple townlands (Node 12). While it is possible for polesets and angle masts to avoid these monuments the large number of fulachta fia in the area may be indicative of the presence of further sub-surface remains.

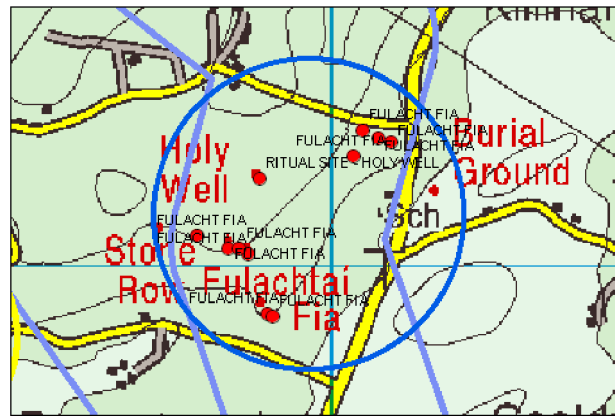


Figure 2.3: Cluster of Fulachta Fia at Node 12.

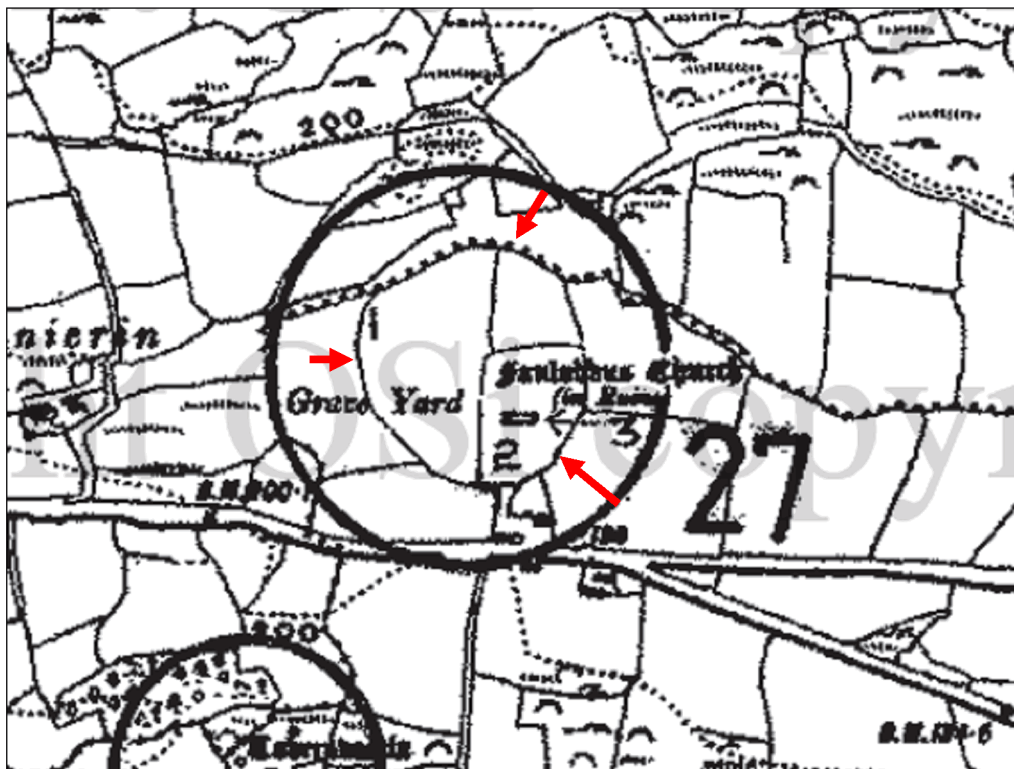


Figure 2.4: Extract from RMP map Sheet 108 showing Ecclesiastical Enclosure 027.

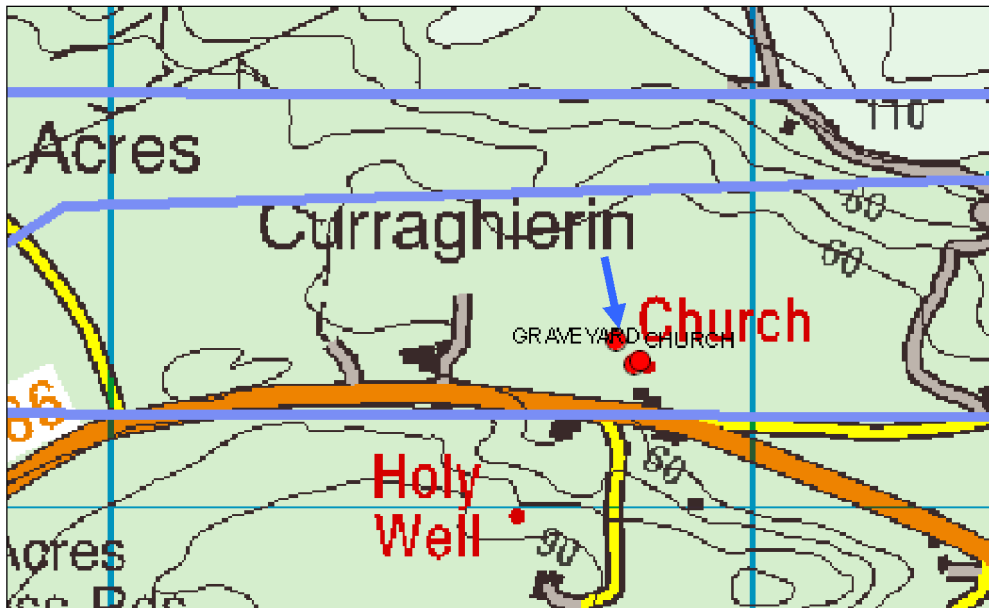


Figure 2.5: Ecclesiastical Enclosure CO108-027 indicated by arrow.

An ecclesiastical enclosure (CO108-027) and associated church and graveyard is located at Nedinagh East (Node 1-9). The actual size and extent of the monument is not realistically represented by the red dots on *www.archaeology.ie* (Figure 2.3). The actual extent of the enclosure is shown in Figure 2.4 above. The size and extent of this monument should be borne in mind when placing polesets and angle masts. The transmission line ideally should not traverse or span the enclosure but should be confined to either side of the monument.

Protected Structures

No protected structures are located within the Eastern route corridor. A Round tower (RPS no. 603), however, which is also a Recorded Monument and a National Monument is located 274m to the south of the northern-most route alternative (node 9-10). The location of this prominent structure should be considered during the route selection process.

Central Route Corridor

National Monuments

No *National Monuments* in State Care/Ownership are located within the central route corridor. The nearest monument 'Cahervagliar ringfort' RMP CO094-060/001 National Monument no. 233 is located 809m to the east of the corridor (nodes 6-7). This is considered an adequate distance from the corridor thus allowing the zone of visual amenity to be preserved.

Record of Monuments and Places (RMP) and Sites and Monuments Record (SMR)

Forty six (46) recorded monuments are located within the central route corridor. One is now a redundant record leaving the total number of monuments at 45. *Table 2.2* shows the total number of monuments which occur within the route corridor.

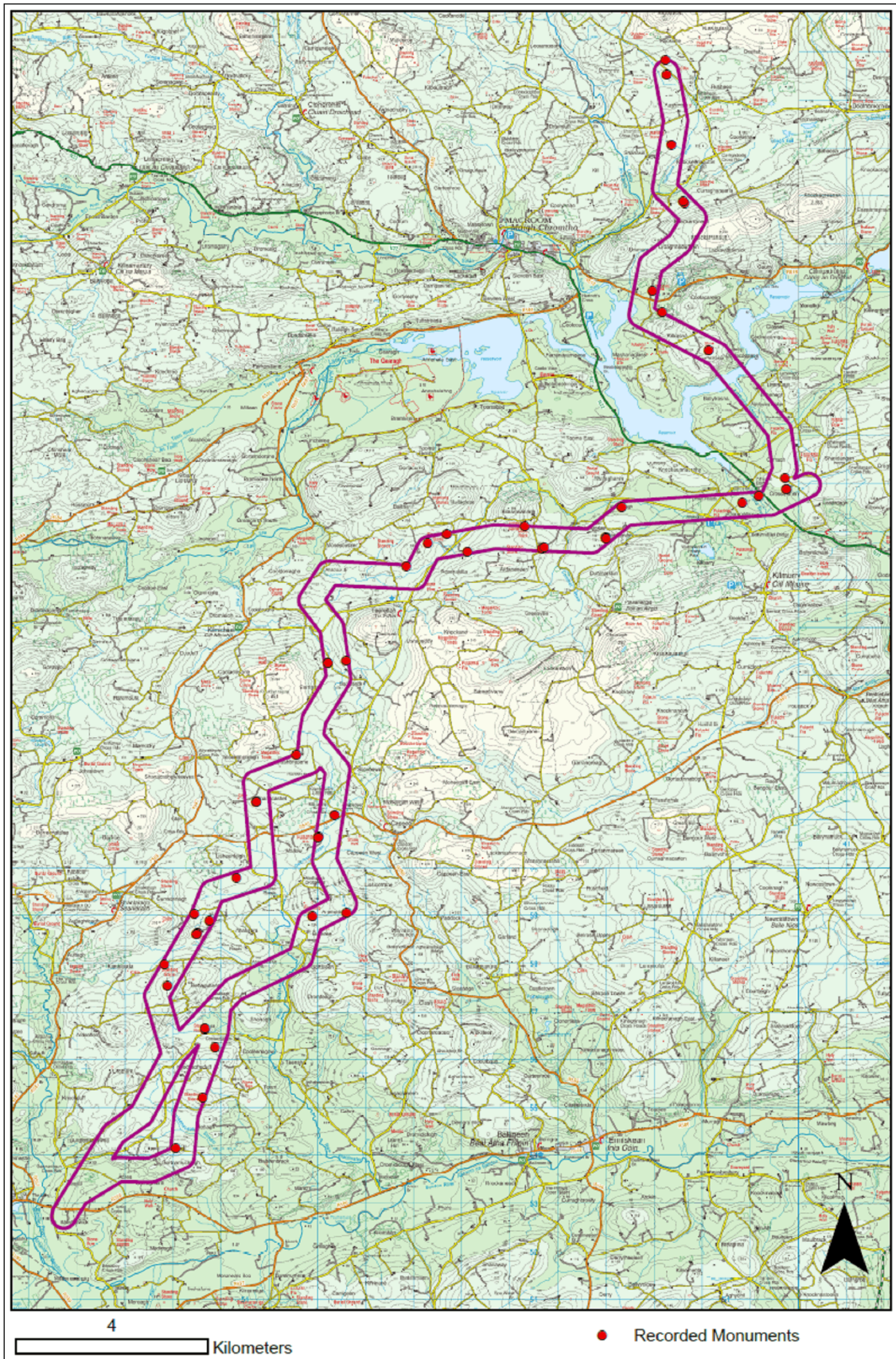


Figure 2.6: Map showing central Route Corridor and Recorded Monuments.

RMP	Easting	Northing	Townland	Monument Type
CO060-121001-	137227	76831	KILBERRIHERT	RINGFORT - RATH
CO060-209----	137250	76530	AUGHINIDA	FULACHT FIA
CO071-026----	137353	75065	SHANAKILL	FULACHT FIA
CO071-055----	136955	72016	UMMERA	STANDING STONE
CO071-059001-	137593	73879	UMMERA	RINGFORT - RATH
CO071-059002-	137629	73853	UMMERA	FULACHT FIA
CO071-100----	138127	70787	ROSNASCALP	STONE CIRCLE - FIVE-STONE
CO071-141----	137162	71569	MASHANAGLASS	FULACHT FIA
CO082-033002-	131841	66282	TEERELTON	SOUTERRAIN
CO082-034----	132290	66772	TEERELTON	RINGFORT - RATH
CO082-036----	132681	66949	TEERELTON	STANDING STONE
CO082-037----	133113	66588	ARDANENEEN	RINGFORT - RATH
CO082-075001-	130209	64258	CARRIGBOY	RINGFORT - RATH
CO082-075002-	130209	64258	CARRIGBOY	SOUTERRAIN
CO082-076----	130586	64305	BAULBRACK	RINGFORT - RATH
CO083-006----	134302	67117	KILNAROVANAGH	MASS-ROCK
CO083-009001-	135993	66861	TEEREEVEN	RINGFORT - RATH
CO083-009002-	135986	66874	TEEREEVEN	SOUTERRAIN
CO083-019----	138821	67613	CARRIGDARRERY	SOUTERRAIN
CO083-020001-	139740	67884	CROSSMAHON	CHURCH
CO083-020002-	139754	67876	CROSSMAHON	COUNTRY HOUSE
CO083-021----	139712	68112	CROSSMAHON	BURIAL GROUND
CO083-035----	134660	66650	ARDANENEEN	BOULDER-BURIAL
CO083-133----	139167	67750	CROSSMAHON	FULACHT FIA
CO083-138----	136321	67504	TEEREEVEN	EARTHWORK
CO083-150----	134705	66673	ARDANENEEN	COUNTRY HOUSE
CO094-011001-	128724	61373	SHANACASHEL	RINGFORT - RATH
CO094-011002-	128724	61373	SHANACASHEL	SOUTERRAIN
CO094-014----	129557	62353	CLASHBREDANE	RINGFORT - RATH
CO094-017001-	130003	60633	MALLOW	FULACHT FIA
CO094-017002-	130022	60645	MALLOW	FULACHT FIA
CO094-050----	127437	59038	CURRADRINAGH	KILN - LIME
CO094-051----	127503	58637	AHAKEERA	CASTLE - TOWER HOUSE
CO094-052----	127749	58887	AHAKEERA	SOUTERRAIN
CO094-054----	128311	59790	LISHEENLEIGH	RINGFORT - RATH
CO094-057----	130596	59053	ANAHARLICK	REDUNDANT RECORD
CO094-081----	126818	57984	BEHAGULLANE	STANDING STONE
CO094-082----	126880	57544	BEHAGULLANE	RINGFORT - RATH
CO094-085----	127651	56653	BEHAGULLANE	STONE ROW
CO094-111----	130347	61103	SLIEVEOWEN	MOUND
CO094-120----	127475	58607	AHAKEERA	FULACHT FIA
CO094-125----	127654	56620	BEHAGULLANE	CAIRN - RADIAL-STONE CAIRN
CO094-127----	129885	58988	ANAHARLICK	FULACHT FIA
CO108-007----	127609	55198	BEHAGH	ANOMALOUS STONE GROUP
CO108-012----	127864	56249	COOLEENAGOW	RINGFORT - RATH
CO108-028----	127046	54160	GORTNAMUCKLAGH	RINGFORT - RATH

Table 2.2: Recorded Monuments located within the Central Route Corridor

No clusters of monuments occur within this route corridor and the majority of the Recorded Monuments are well distributed. A number of instances where monuments are located at the centre of the corridor do occur however. This may result in the transmission line traversing monuments such as the stone circle CO071-100 at Rosnascap Townland (Node 4-8). Traversing such monuments in the final selection process should be avoided. Placing polesets and angle masts at a remove from such monuments would be preferable. Another example would be the Church and Country House CO083-020/002 and 001 at Crossmahon (Node 8). Placing angle masts and polesets in areas where such prominent monuments occur should be avoided. Another example is Crowley's Castle (RMP CO094-051) in Ahakeera (Node 5-7). This structure is still upstanding and ideally should not be spanned by the transmission line. The corridor between node 7 and 8 may be a better alternative in this regard.

Protected Structures

Two (2) protected structures are located within the central route corridor. Crossmahon House (RPS 546) which is also a Recorded Monument is located centrally within this route corridor (Node 8). A protected structure can also include the attendant grounds of the building in question therefore placing polesets or angle masts within the immediate vicinity of this structure may have a potential visual impact. Another protected structure (Ardaneneen House No. 547) is located in Ardaneneen townland (Node 7-8). The same principals apply as Crossmahon House. No other protected structures are located within this route corridor.

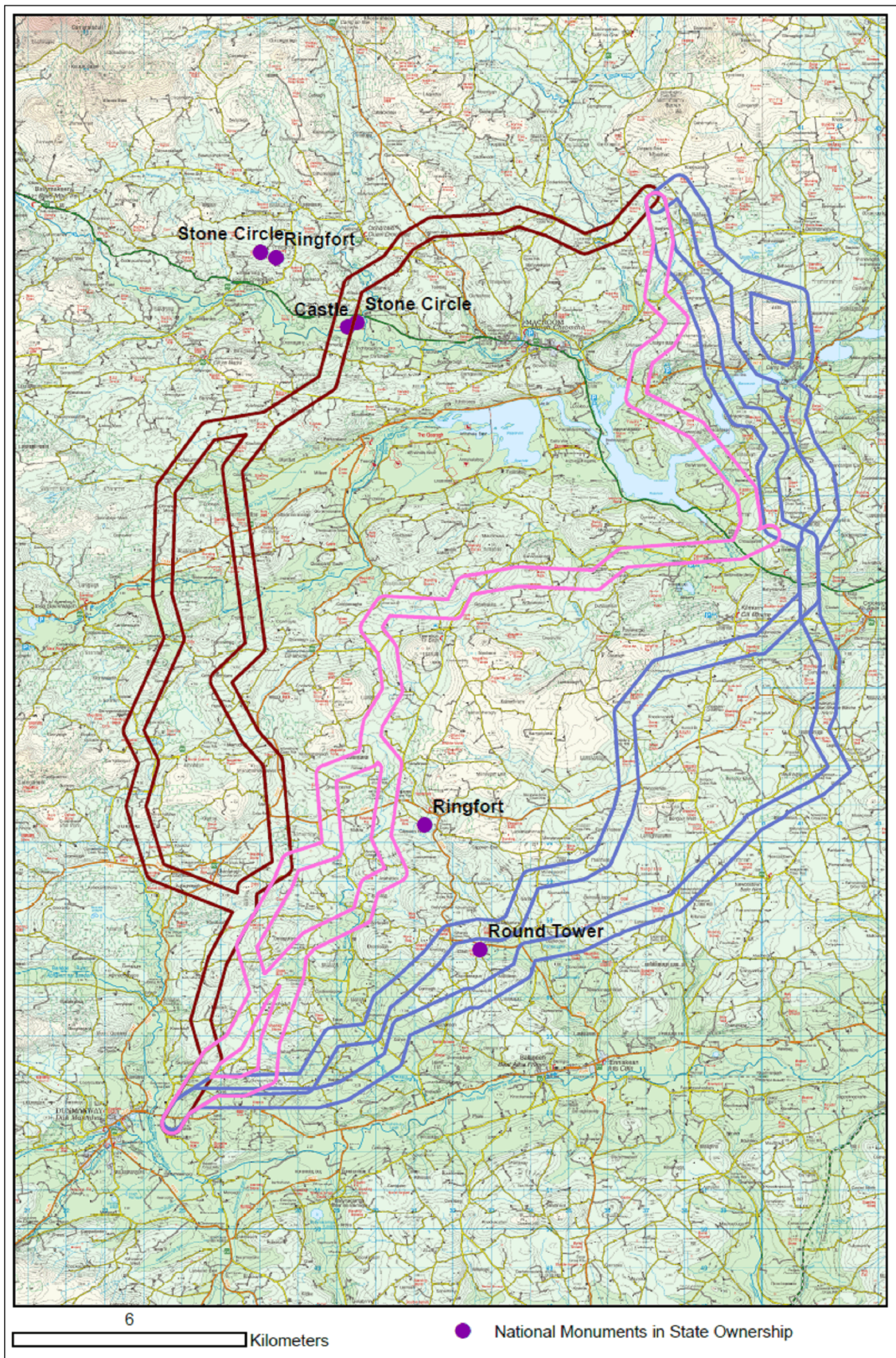
Western Route Corridor

National Monuments

One *National Monument* (Carrigphoooca Castle RMP CO070-034, National Monument No. 255, RPS no. 422) is located within the Western Route Corridor (Nodes 3-4). This is a prominent monument in the landscape and a well visited site. It is possible that the zone of visual amenity as requested by the DoEHLG would be impacted on by the location of a transmission line in this area. Although, the size and extent of the requested zone of visual amenity is not defined by the DoEHLG, ideally the transmission line should not be visible from the National Monument and *vice versa*.



Figure 2.7: Extract from map showing western route corridor in relation to National Monument Carrigaphoooca Castle.



**Figure 2.8: Map of 3 route alternatives showing National Monuments.
Note only western route corridor contains a National Monument.**

Record of Monuments and Places (RMP) and the Sites and Monuments Record (SMR)

Forty-eight (48) Record of Monuments and Places (RMP) and the Sites and Monuments Record (SMR) recorded monuments are located within the western route corridor and these are outlined in *Table 2.3* below. No large clusters of monuments occur within this route and the recorded monuments are largely well distributed.

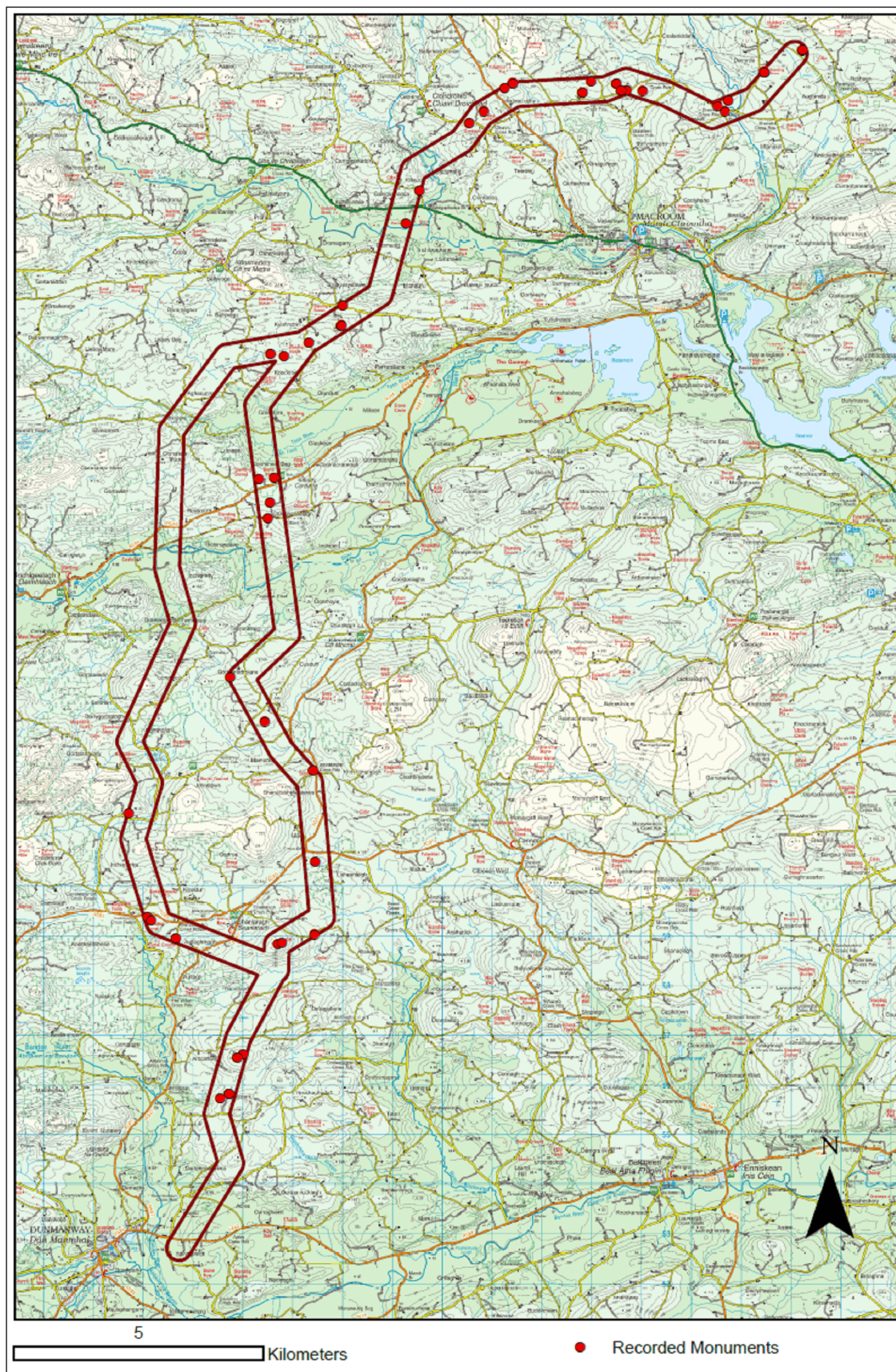


Figure 2.9: Map showing western route corridor and Recorded Monuments.

RMP	Easting	Northing	Townland	Monument Type
CO059-147----	130834	75609	ARDNACRUSHY	STANDING STONE
CO059-148----	131250	76076	ARDNACRUSHY	RINGFORT - RATH
CO059-149----	131412	76173	ARDNACRUSHY	RINGFORT - CASHEL
CO059-154----	132814	75978	KILBOULTRAGH	BURIAL GROUND
CO059-155001-	133496	76159	DROMREE	RINGFORT - CASHEL
CO059-155002-	133496	76159	DROMREE	SOUTERRAIN
CO059-156----	133584	76028	DROMREE	RINGFORT - RATH
CO059-157----	133697	76024	DROMREE	ANOMALOUS STONE GROUP
CO059-168----	131412	76173	ARDNACRUSHY	SOUTERRAIN
CO059-174----	132987	76204	KILBOULTRAGH	FULACHT FIA
CO059-186----	132814	75978	KILBOULTRAGH	ECCLESIASTICAL ENCLOSURE
CO060-102----	135737	75830	COOLANIDDANE	COUNTRY HOUSE
CO060-103----	135517	75720	COOLANIDDANE, DROMDUFF	BRIDGE
CO060-104----	134023	76014	DROMREE	RINGFORT - RATH
CO060-106001-	136451	76400	DERRYROE	BARROW - RING-BARROW
CO060-106002-	136473	76392	DERRYROE	STANDING STONE
CO060-121001-	137227	76831	KILBERRIHERT	RINGFORT - RATH
CO060-121002-	137224	76851	KILBERRIHERT	SOUTERRAIN
CO060-164----	135665	75610	COOLANIDDANE, DERRYROE, SHANAKILL	BRIDGE
CO070-034----	129271	73353	CARRIGAPHOOCA	CASTLE - TOWER HOUSE
CO070-038----	130540	75379	GARRANENAGAPPUL	KILN - LIME
CO070-073----	127320	70947	KYLEFINCHIN	STANDING STONE
CO070-077----	128001	71703	SHANVALLYSHANE	KILN - LIME
CO070-096----	126554	70724	KNOCKROE	STANDING STONE
CO070-097----	126819	70677	KNOCKROE	STANDING STONE
CO070-101001-	127977	71301	DROMREAGUE	ENCLOSURE
CO070-101002-	127963	71283	DROMREAGUE	SOUTERRAIN
CO070-118----	129542	74017	KILLACLUG	FULACHT FIA
CO082-004----	126317	68214	CLOONSHEAR BEG	STANDING STONE
CO082-005----	126623	68223	CLOONSHEAR BEG	STONE ROW
CO082-008----	126538	67733	CARRIGNANEELAGH	CASTLE - UNCLASSIFIED
CO082-009----	126501	67417	INCHINANEAVE	RINGFORT - RATH
CO082-041----	125743	64226	GORTEENADROLANE	RINGFORT - RATH
CO082-064----	126436	63326	HAREMOUNT	RINGFORT - RATH
CO093-023----	123709	61483	CARRIGDANGAN	RINGFORT - RATH
CO094-008----	127402	62335	SHANACASHELKNEEVES	BURIAL GROUND
CO094-040----	124080	59393	KILNADUR	FULACHT FIA
CO094-041----	124157	59325	KILNADUR	STANDING STONE
CO094-042----	124651	58958	AULTAGHREAGH	BURIAL GROUND
CO094-049001-	126705	58851	CURRADRINAGH	DESIGNED LANDSCAPE - BELVEDERE
CO094-049002-	126776	58867	CURRADRINAGH	BURIAL GROUND
CO094-050----	127437	59038	CURRADRINAGH	KILN - LIME
CO094-053----	127451	60506	GLAN	RINGFORT - RATH
CO094-077----	125885	56551	ARDCAHAN	RINGFORT - RATH
CO094-078----	126002	56616	ARDCAHAN	RINGFORT - RATH
CO108-001----	125549	55738	DROMERK	RINGFORT - RATH
CO108-002001-	125719	55825	DROMERK	ENCLOSURE
CO108-002002-	125719	55825	DROMERK	BURIAL GROUND

Table 2.3: Recorded Monuments located within Western Route Corridor

A children's Burial ground / Ecclesiastical Enclosure (CO059-186) is located centrally in this route corridor (node 3-4). The actual size of the enclosure is not represented by the red dots on *www.archaeology.ie* and this should be taken into consideration when positioning polesets and angle masts.

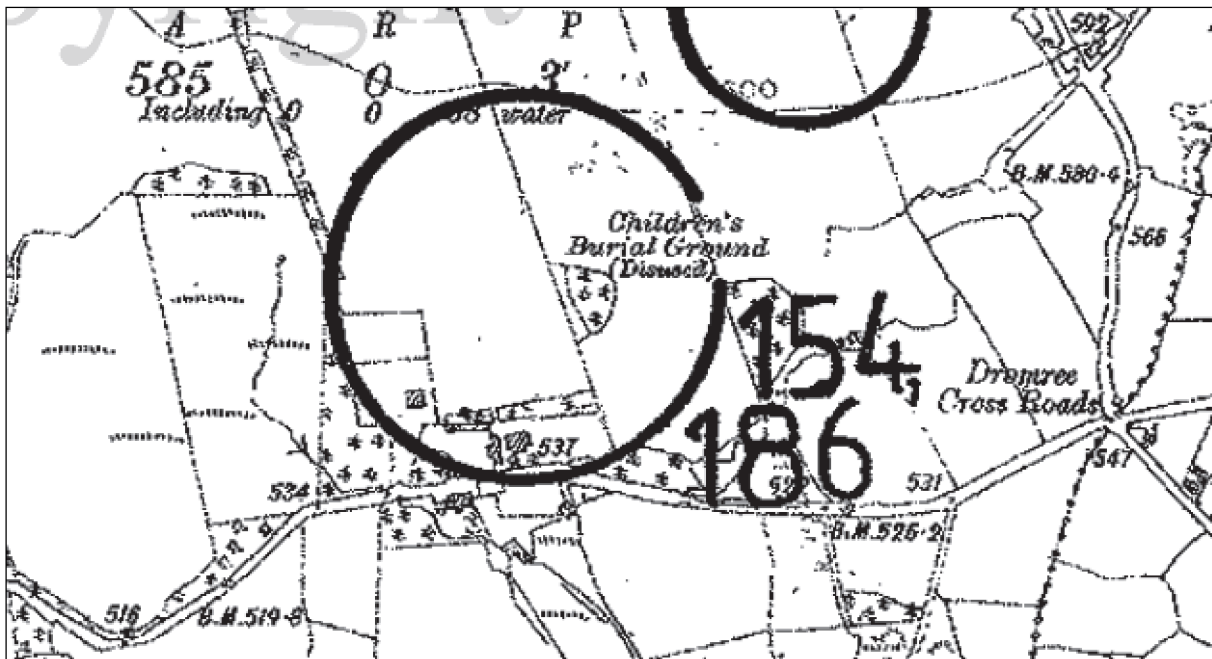


Figure 2.10: Extract from RMP Sheet 59 showing Children's Burial Ground 186.

Carrigphoooca Castle RMP CO070-034 is located centrally along this route corridor (Node 3-4). This monument is also a National Monument and has been addressed above.

A stone row CO082-005 and standing stone CO082-004 (Bronze Age Monuments) are located in Cloonshear Townland (Node 2-3 east). These monuments are connected by a passageway and are associated sites in terms of date and function. The transmission line should ideally not traverse these sites but rather be placed either to the east or west of the monuments. To the south of the latter monuments is a castle CO082-008 in Carrignaneelagh townland (Node 2-3 east). This structure has no above ground trace therefore the transmission line will not have any visual impact on such a structure.

Protected Structures

Four (4) protected structures are located within this route corridor. Carrigphoooca Castle (RPS 422), which is a protected structure is located within the western route corridor. This structure is also a National Monument and a Recorded Monument and

has been address in the section above under National Monuments. A second protected structure Carrigphoooca Country House (No. 833) is located on the western periphery of this route corridor (node 3-4). A limekiln (RPS 420) is located centrally in this route corridor just to the south of a public road in Garranenagappul townland (node 3-4). The location of this structure must be taken into consideration during the route selection process. Hanover Hall (RPS 375) is located in Coolanidane townland (node 3-4).

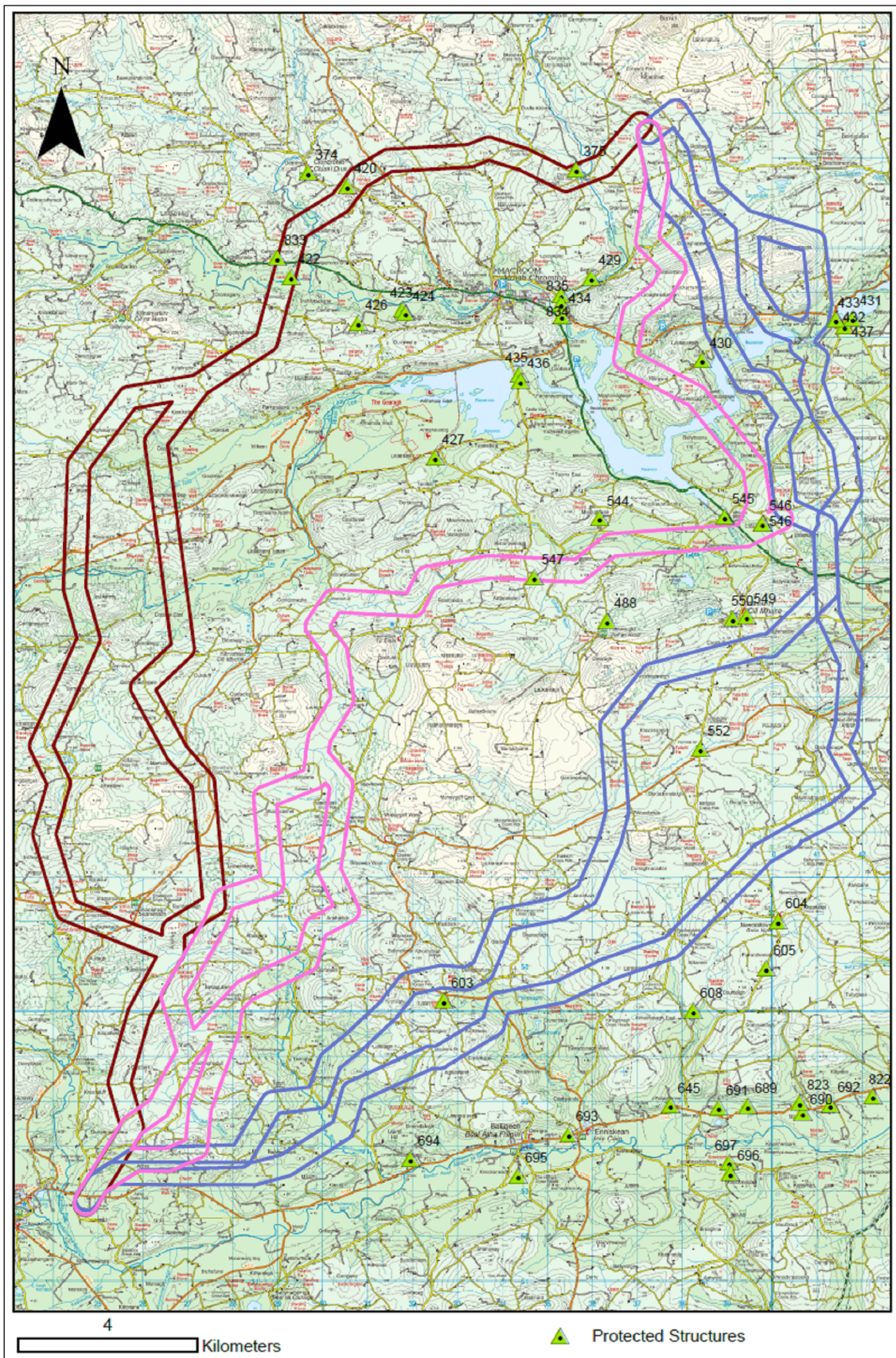


Figure 2.11: Record of Protected Structures (RPS) within each route alternative

3. Selection of Preferred Route Corridor

The overall objective of this route selection report is to highlight cultural heritage sites within each route so that an informed decision can be made regarding the avoidance of cultural heritage features during the route selection process. A general impact statement will be made regarding each route alternative and a preferred route will be chosen. Cultural heritage sites include Recorded Monuments, Protected Structures and National Monuments. Only the available documentary and cartographic sources were utilised in order to assist in the route selection process.

Eastern Route: This route contains 100 cultural heritage sites five of which are large clusters of monuments. Many of the clusters of sites date to the same period indicating the presence of archaeological landscapes. One example is the presence of 10 fulachta fia within close proximity to each other (Section 4.3.2 (node 12)). This may be indicative of a Bronze Age landscape and an area that was intensely utilised in the prehistoric period. Two ecclesiastical enclosures and associated monuments are located at Bawnatemple and Nedinagh East. The extent of these monuments on the ground should be considered during the route selection process. Ecclesiastical enclosures can often measure in excess of 200 metres in diameter. Nodes 4-11 route alternatives both contain large clusters of monuments. The southern alternative of node 9-10 would be more preferable than the northern route on the basis that it contains fewer monuments.

Central Route: This route contains 47 cultural heritage sites and does not include any National Monuments. No large clusters of monuments are located within this route therefore fewer potential impacts (direct and indirect) on cultural heritage sites are anticipated. Furthermore, there are lengthy stretches of land with no recorded monuments present. One example is between Rosnascap and Curragh townlands (nodes 4-8) and Teerelton to Baulbrack townlands (nodes 7-8). Node 6-7 is more preferable than 5-7 on the basis that there are fewer recorded monuments. Nodes 6-5-1 is devoid of Recorded monuments and is the preferable route when compared to nodes 6-1 (eastern alternative).

Western Route: This route contains 53 cultural heritage sites one of which is a National Monument in State Ownership (Carrigphoooca Castle). The DoEHLG have requested that a zone of visual amenity be established around Carrigphoooca Castle which is a Recorded Monument, National Monument and a Protected Structure. While this zone is not defined in terms of size or distance, a zone of 300m was suggested in the initial constraints report. In order to negate any potential visual

impacts on the castle it is recommended that polesets and angle masts should not be visible from the monument and *vice versa*. While this route does not contain any large clusters of monuments a number of recorded monuments are located centrally within the route. Conversely, there are few recorded monuments located between nodes 2-3 (western alternative).

4. Preferred route

The preferred route option is the central route corridor on the basis that it contains the least number of cultural heritage sites. Furthermore, it does not contain any clusters of archaeological monuments or National Monuments.

The western route corridor is also acceptable on the basis that Carrigphoooca Castle would be excluded from same.

The eastern route corridor is the least preferred option due to the high number of cultural heritage sites therein. It also contains clusters of archaeological monuments which may be indicative of archaeological landscapes.