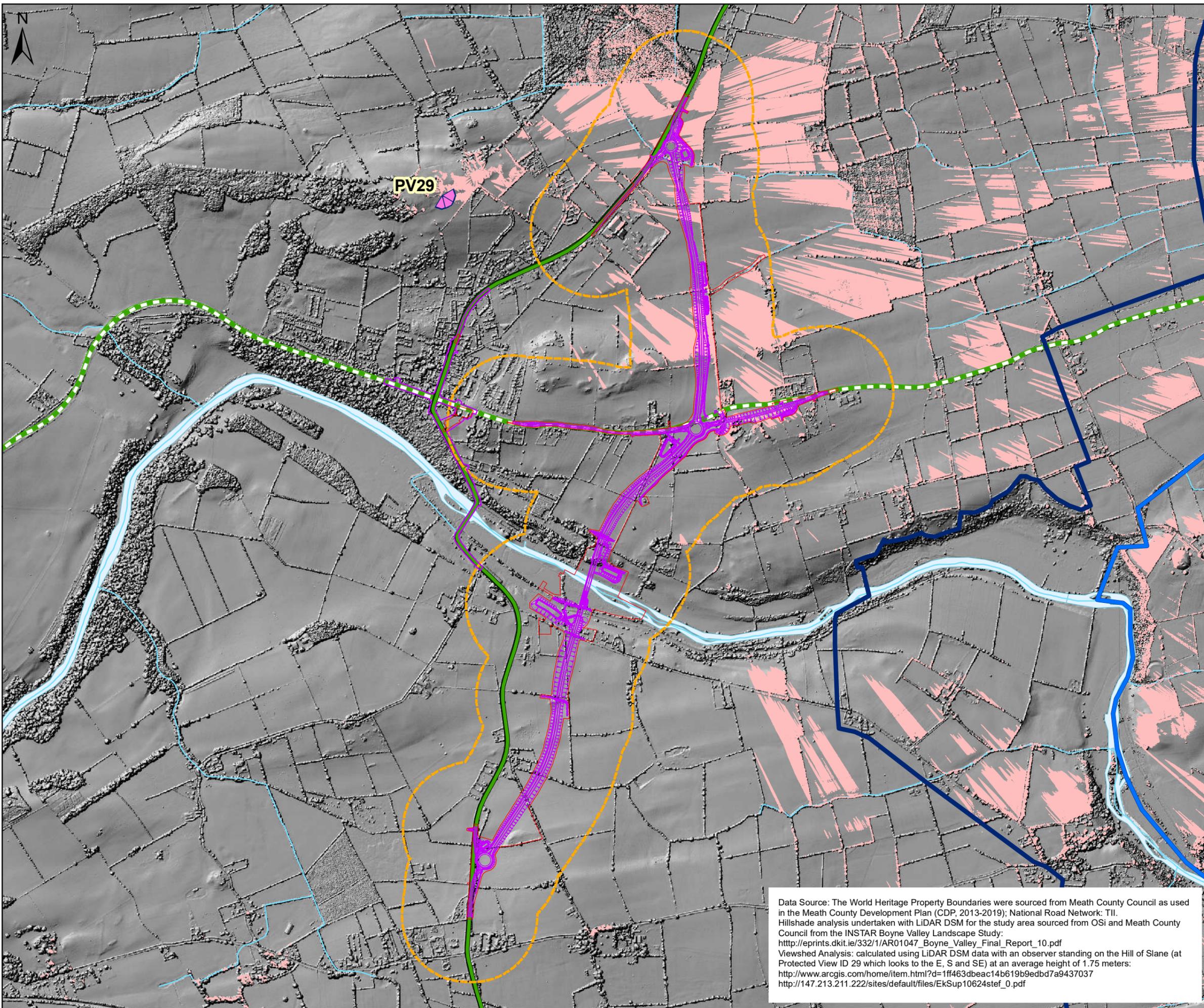

Appendix 12.2
Viewsheds



Legend

- Proposed Scheme
- Proposed Scheme Boundary
- 300m Zone of Influence
- CDP Protected View

World Heritage Property: Brú na Bóinne

- Core Zone
- Buffer Zone

Existing National Road

- N2
- N51

Viewshed from Protected View ID 29 (Hill of Slane, observer height: 1.75m)

LiDAR DSM Hillshade

- High : 254
- Low : 0

Note: The hillshade layer has been created from a Digital Surface Model (DSM) which shows surface features such as trees and hedges.



Client
Meath County Council
 N2 Slane Bypass and Public Realm Enhancement Scheme

Title
Figure A12.2(a)
 Viewshed Analysis from Hill of Slane (Protected View 29)

RPS West Pier
 Business Campus, T +353 (0) 1 4882900
 Dun Laoghaire, E ireland@rpsgroup.com
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Issue Details

File Identifier:
 MDT0806-RPS-00-N2-DR-Z-AG-3090

Status: A1	Rev: C01	Model File Identifier: MDT0806-RPS-01-N2-M2-C-XM1001 MDT0806-RPS-01-N2-M2-C-XR9000
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Drawn: NR	Date: 13/06/2023
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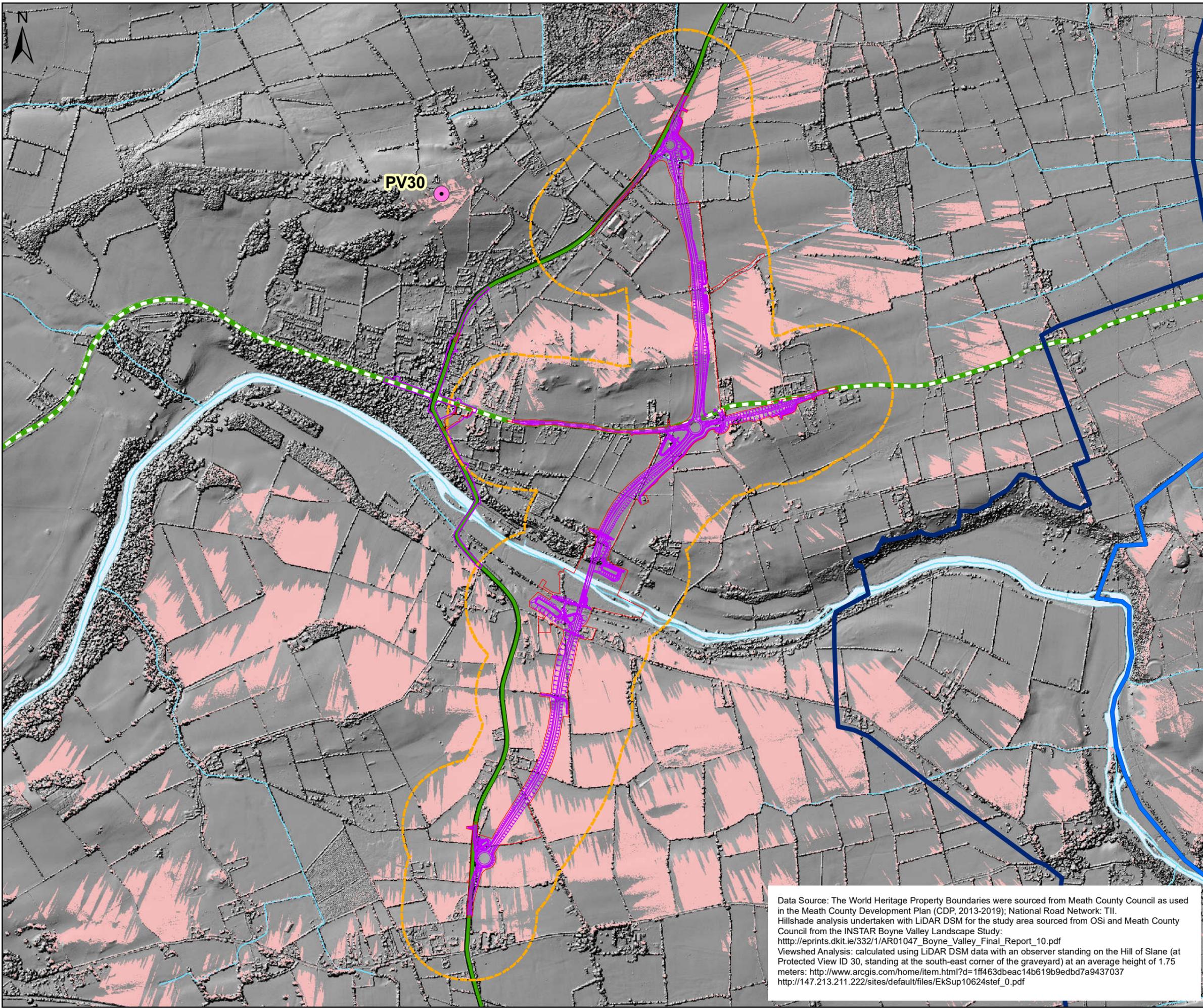
Checked: NO'N	Scale: 1:16,500 (A3)
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Approved: SC	Projection: ITM
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Data Source: The World Heritage Property Boundaries were sourced from Meath County Council as used in the Meath County Development Plan (CDP, 2013-2019); National Road Network: TII.
 Hillshade analysis undertaken with LiDAR DSM for the study area sourced from OSi and Meath County Council from the INSTAR Boyne Valley Landscape Study:
http://eprints.dkit.ie/332/1/AR01047_Boyne_Valley_Final_Report_10.pdf
 Viewshed Analysis: calculated using LiDAR DSM data with an observer standing on the Hill of Slane (at Protected View ID 29 which looks to the E, S and SE) at an average height of 1.75 meters:
<http://www.arcgis.com/home/item.html?id=1f463d5beac14b619b9e6bd7a9437037>
http://147.213.211.222/sites/default/files/EkSup10624stef_0.pdf



Legend

- Proposed Scheme
- Proposed Scheme Boundary
- 300m Zone of Influence
- CDP Protected View

World Heritage Property: Brú na Bóinne

- Core Zone
- Buffer Zone

Existing National Road

- N2
- N51

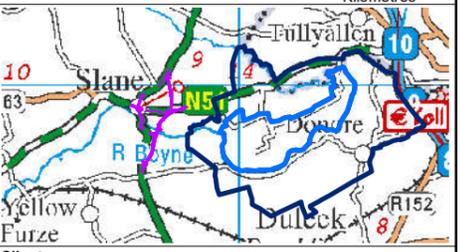
Viewshed from Protected View ID 30 (Hill of Slane, observer height: 1.75m), modified, view from south-east corner of graveyard

LiDAR DSM Hillshade

- High : 254
- Low : 0

Note: The hillshade layer has been created from a Digital Surface Model (DSM) which shows surface features such as trees and hedges.

0 0.2 0.4 0.8
Kilometres



Client
Meath County Council
N2 Slane Bypass and Public Realm Enhancement Scheme

Title
Figure A12.2(b)
Viewshed Analysis from Hill of Slane (Protected View 30, south-east corner of graveyard)

RPS West Pier
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Co Dublin, Ireland. W rpsgroup.com/ireland

Issue Details

File Identifier:
MDT0806-RPS-00-N2-DR-Z-AG-3091

Status: A1	Rev: C01	Model File Identifier: MDT0806-RPS-01-N2-M2-C-XM1001 MDT0806-RPS-01-PR-M2-C-XR9000
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Drawn: NR	Date: 13/06/2023
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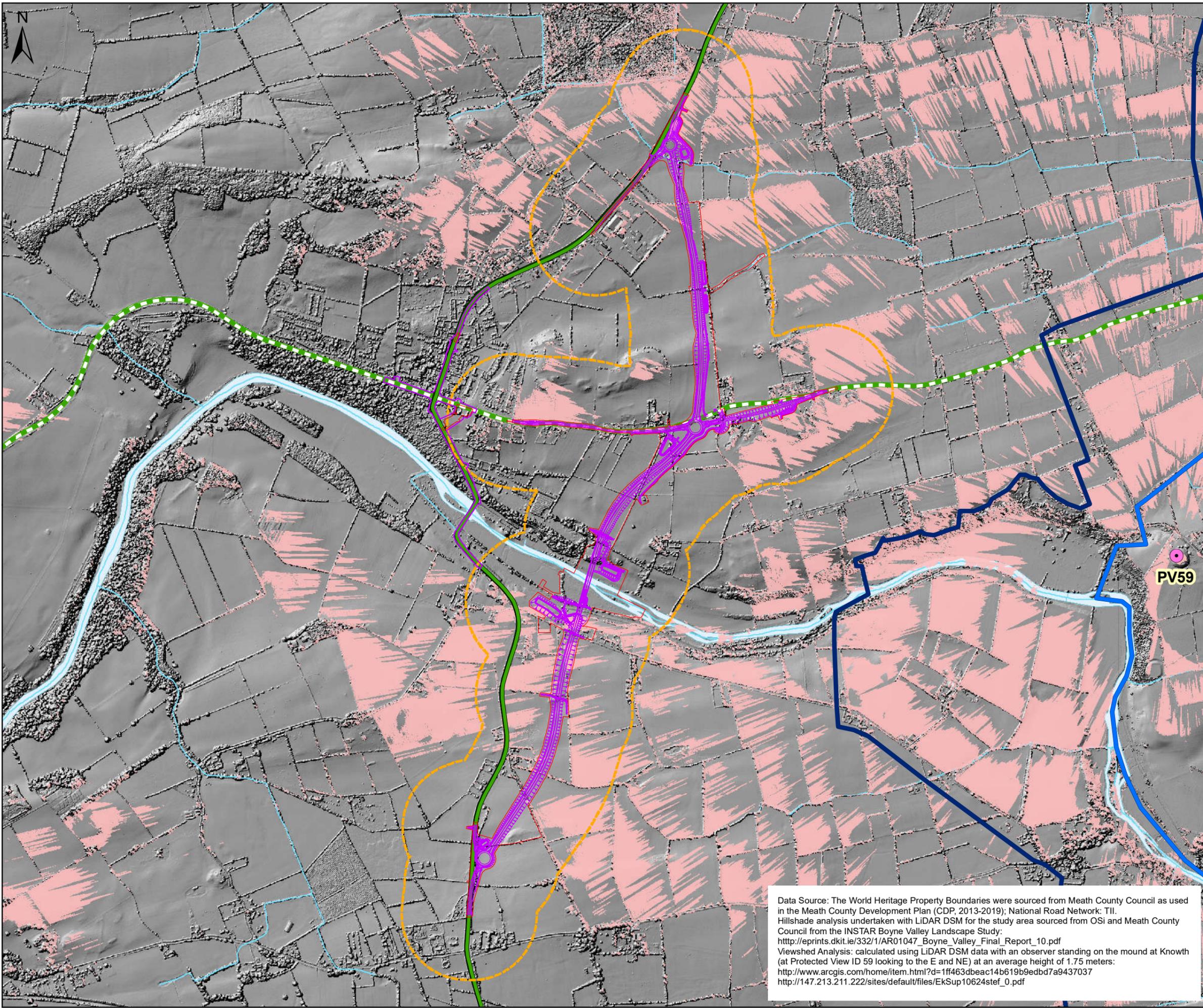
Checked: NO'N	Scale: 1:16,500 (A3)
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Approved: SC	Projection: ITM
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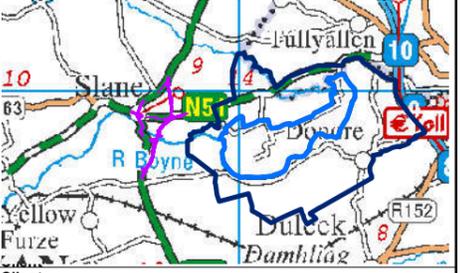
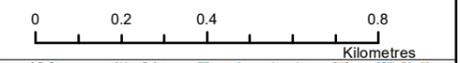
Data Source: The World Heritage Property Boundaries were sourced from Meath County Council as used in the Meath County Development Plan (CDP, 2013-2019); National Road Network: TII. Hillshade analysis undertaken with LiDAR DSM for the study area sourced from OSi and Meath County Council from the INSTAR Boyne Valley Landscape Study: http://eprints.dkit.ie/332/1/AR01047_Boyne_Valley_Final_Report_10.pdf Viewshed Analysis: calculated using LiDAR DSM data with an observer standing on the Hill of Slane (at Protected View ID 30, standing at the south-east corner of the graveyard) at an average height of 1.75 meters: <http://www.arcgis.com/home/item.html?id=1f463d3beac14b619b9edbd7a9437037> http://147.213.211.222/sites/default/files/EkSup10624stef_0.pdf



Legend

- Proposed Scheme
- Proposed Scheme Boundary
- 300m Zone of Influence
- Knowth
- World Heritage Property: Brú na Bóinne**
- Core Zone
- Buffer Zone
- Existing National Road**
- N2
- N51
- Viewshed from top of Knowth (Observer height: 1.75m)
- LiDAR DSM Hillshade**
- High : 254
- Low : 0

Note: The hillshade layer has been created from a Digital Surface Model (DSM) which shows surface features such as trees and hedges.



Meath County Council
Client
N2 Slane Bypass and Public Realm Enhancement Scheme

Title
Figure A12.2(c)

Viewshed Analysis from Knowth (Protected View 59)

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Issue Details

File Identifier:
MDT0806-RPS-00-N2-DR-Z-AG-3092

Status: A1	Rev: C01	Model File Identifier: MDT0806-RPS-01-N2-M2-C-XM1001 MDT0806-RPS-01-PR-M2-C-XR9000
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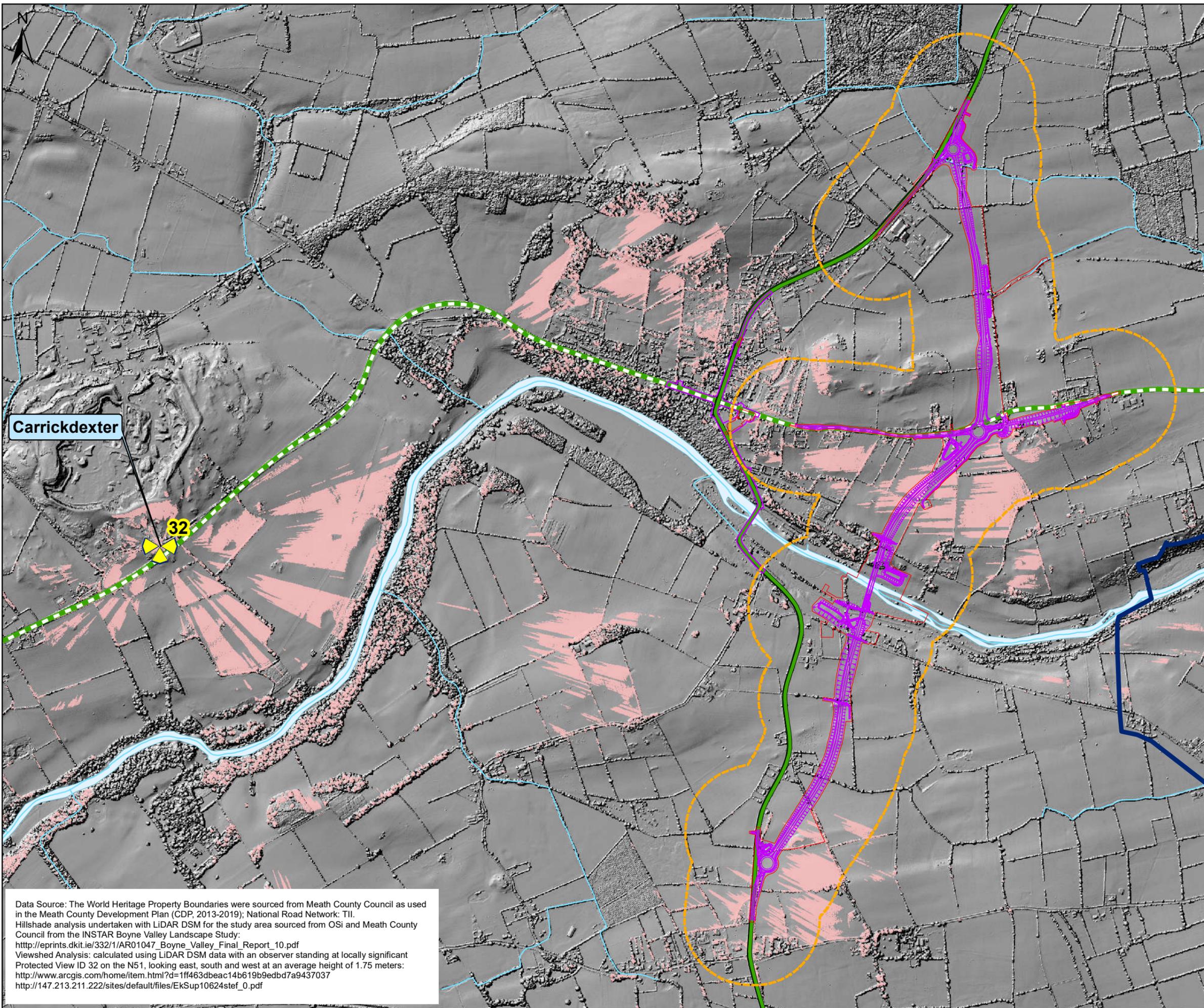
Drawn: NR	Date: 13/06/2023
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Checked: NO'N	Scale: 1:16,500 (A3)
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Hillshade analysis undertaken with LiDAR DSM for the study area sourced from OSi and Meath County Council from the INSTAR Boyne Valley Landscape Study:
http://eprints.dkit.ie/332/1/AR01047_Boyne_Valley_Final_Report_10.pdf
Viewshed Analysis: calculated using LiDAR DSM data with an observer standing on the mound at Knowth (at Protected View ID 59 looking to the E and NE) at an average height of 1.75 meters:
<http://www.arcgis.com/home/item.html?id=1f463dbeac14b619b9ebd7a9437037>
http://147.213.211.222/sites/default/files/EkSup10624stef_0.pdf



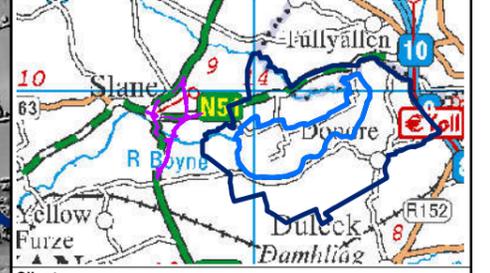
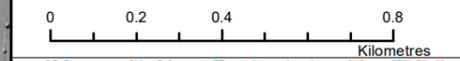
Carrickdexter

32

Legend

- Proposed Scheme
- Proposed Scheme Boundary
- 300m Zone of Influence
- World Heritage Property: Brú na Bóinne**
- Core Zone
- Buffer Zone
- Viewshed from Protected View ID 32 (observer height: 1.75m)
- Existing National Road**
- N2
- N51
- LiDAR DSM Hillshade**
- High : 254
- Low : 0

Note: The hillshade layer has been created from a Digital Surface Model (DSM) which shows surface features such as trees and hedges.



Client
Meath County Council
N2 Slane Bypass and Public Realm Enhancement Scheme

Title
Figure A12.2(d)

Viewshed Analysis from View No. 32 Carrickdexter

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Issue Details

File Identifier:
MDT0806-RPS-00-N2-DR-Z-AG-3093

Status: A1	Rev: C01	Model File Identifier: MDT0806-RPS-01-N2-M2-C-XM1001 MDT0806-RPS-01-PR-M2-C-XR9000
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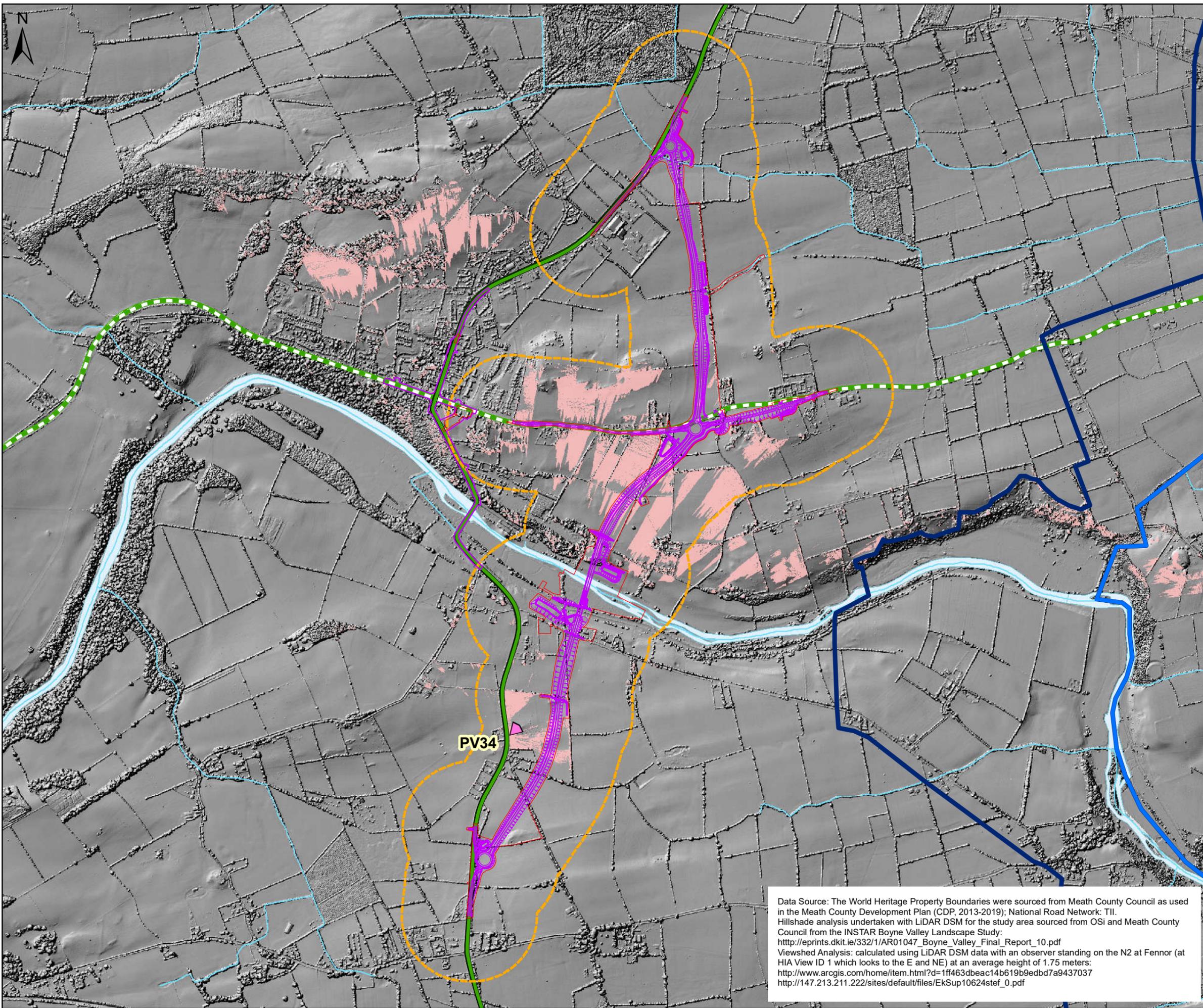
Drawn: NR	Date: 13/06/2023
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Checked: NO'N	Scale: 1:16,500 (A3)
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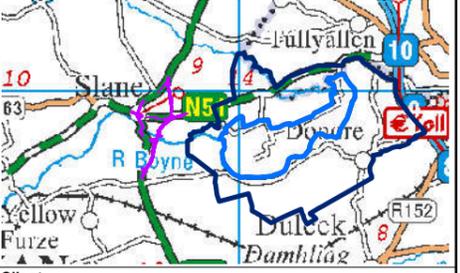
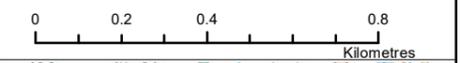
Data Source: The World Heritage Property Boundaries were sourced from Meath County Council as used in the Meath County Development Plan (CDP, 2013-2019); National Road Network: TIL.
Hillshade analysis undertaken with LiDAR DSM for the study area sourced from OSI and Meath County Council from the INSTAR Boyne Valley Landscape Study:
http://eprints.dkit.ie/332/1/AR01047_Boyne_Valley_Final_Report_10.pdf
Viewshed Analysis: calculated using LiDAR DSM data with an observer standing at locally significant Protected View ID 32 on the N51, looking east, south and west at an average height of 1.75 meters:
<http://www.arcgis.com/home/item.html?id=1f463d3beac14b619b9edbd7a9437037>
http://147.213.211.222/sites/default/files/EKSup10624stef_0.pdf



Legend

- Proposed Scheme
- Proposed Scheme Boundary
- 300m Zone of Influence
- ▲ CDP Protected View
- World Heritage Property: Brú na Bóinne**
- Core Zone
- Buffer Zone
- Existing National Road**
- N2
- N51
- Viewshed from Protected View ID 34 (Observer height: 1.75m)
- LiDAR DSM Hillshade**
- High : 254
- Low : 0

Note: The hillshade layer has been created from a Digital Surface Model (DSM) which shows surface features such as trees and hedges.



Client
Meath County Council
 N2 Slane Bypass and Public Realm Enhancement Scheme

Title
Figure A12.2(e)

Viewshed Analysis from the N2 at Fennor (Protected View 34)

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Issue Details

File Identifier:
 MDT0806-RPS-00-N2-DR-Z-AG-3060

Status: A1	Rev: C01	Model File Identifier: MDT0806-RPS-01-N2-M2-C-XM1001 MDT0806-RPS-01-PR-M2-C-XR9000
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Drawn: NR	Date: 13/06/2023
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Checked: NO'N	Scale: 1:16,500 (A3)
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Approved: SC	Projection: ITM
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Data Source: The World Heritage Property Boundaries were sourced from Meath County Council as used in the Meath County Development Plan (CDP, 2013-2019); National Road Network: TII. Hillshade analysis undertaken with LiDAR DSM for the study area sourced from OSi and Meath County Council from the INSTAR Boyne Valley Landscape Study: http://eprints.dkit.ie/332/1/AR01047_Boyne_Valley_Final_Report_10.pdf Viewshed Analysis: calculated using LiDAR DSM data with an observer standing on the N2 at Fennor (at HIA View ID 1 which looks to the E and NE) at an average height of 1.75 meters: <http://www.arcgis.com/home/item.html?id=1ff463d5beac14b619b9ebd7a9437037> http://147.213.211.222/sites/default/files/EkSup10624stef_0.pdf