

Lower Thames Crossing

6.2 Environmental Statement Figures

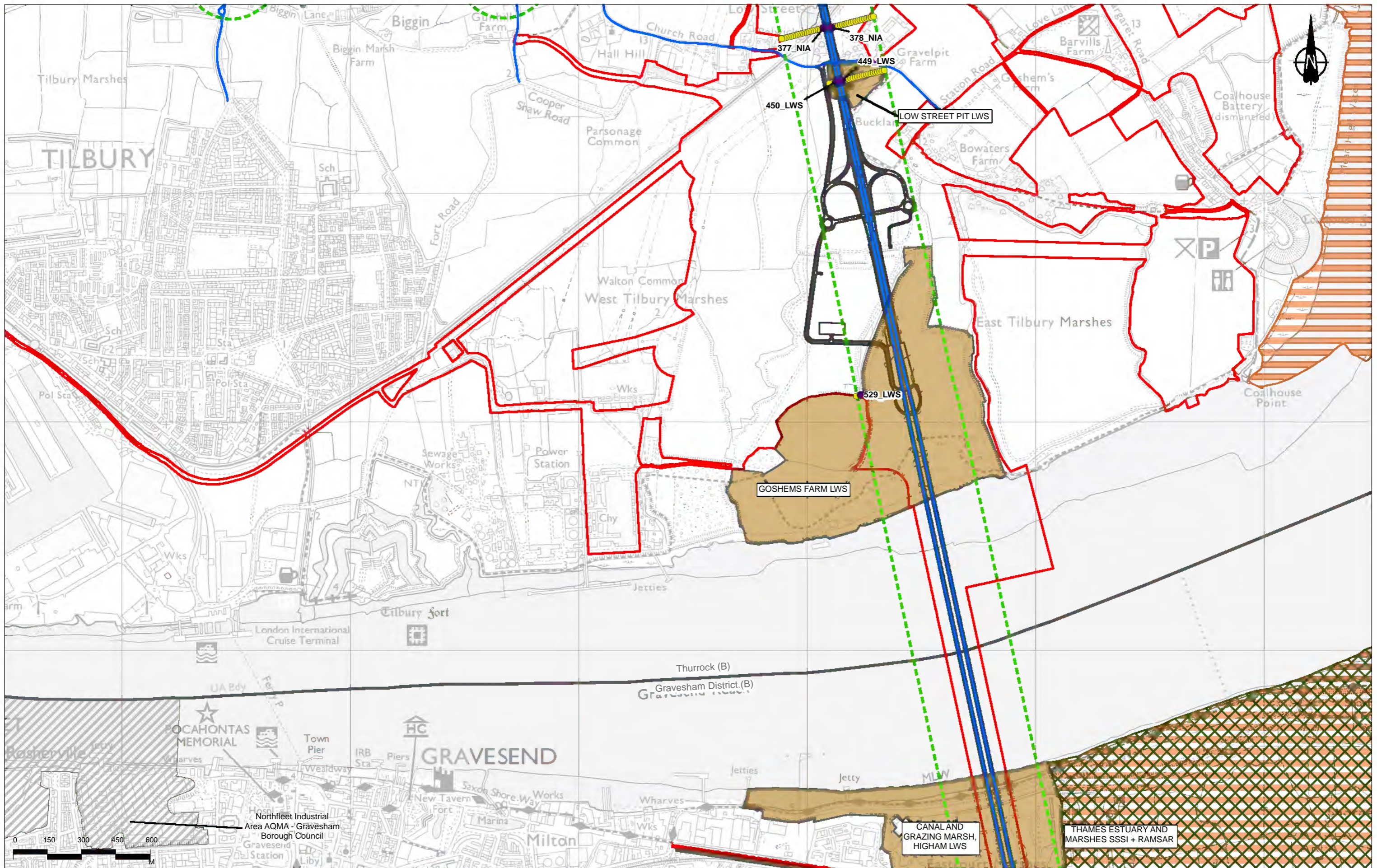
Figure 5.6 - Operational Phase Receptors and Results (3 of 4)

APFP Regulation 5(2)(a)
Infrastructure Planning
(Applications: Prescribed Forms and Procedure)
Regulations 2009
Volume 6

DATE: October 2022

Planning Inspectorate Scheme Ref: TR010032
Application Document Ref: TR010032/APP/6.2

VERSION: 1.0



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|---|-----|-----|-----|-----|
| 0 | 150 | 300 | 450 | 600 |
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|--|------------------------------------|
| | Route Alignment |
| | Order Limits |
| | District Borough Boundary |
| | Study Area |
| | Operational Modelled Road |
| | Air Quality Management Area (AQMA) |

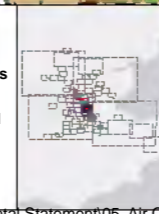
| | |
|--|---|
| | Ancient Woodland (AW) |
| | Local Nature Reserve (LNR) |
| | Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC) |
| | Sites of Special Scientific Interest (SSSI) |
| | Roadside Nature Reserve (RNR) |
| | National Nature Reserve (NNR) |

| | |
|--|---|
| | Ramsar Site (RAMSAR) |
| | Special Areas of Conservation (SAC) |
| | Sites of Special Scientific Interest (SSSI) |
| | Roadside Nature Reserve (RNR) |

| | |
|--|--|
| | Veteran Tree |
| | Operational Human Receptors |
| | Project Change in Annual Mean NO ₂ at Human Receptors |
| | Imperceptible change |
| | Perceptible decrease |

| | |
|--|--------------------------------------|
| | Perceptible decrease > AQS objective |
| | Perceptible increase |
| | Perceptible increase > AQS objective |
| | Receptor Demolished with Project |

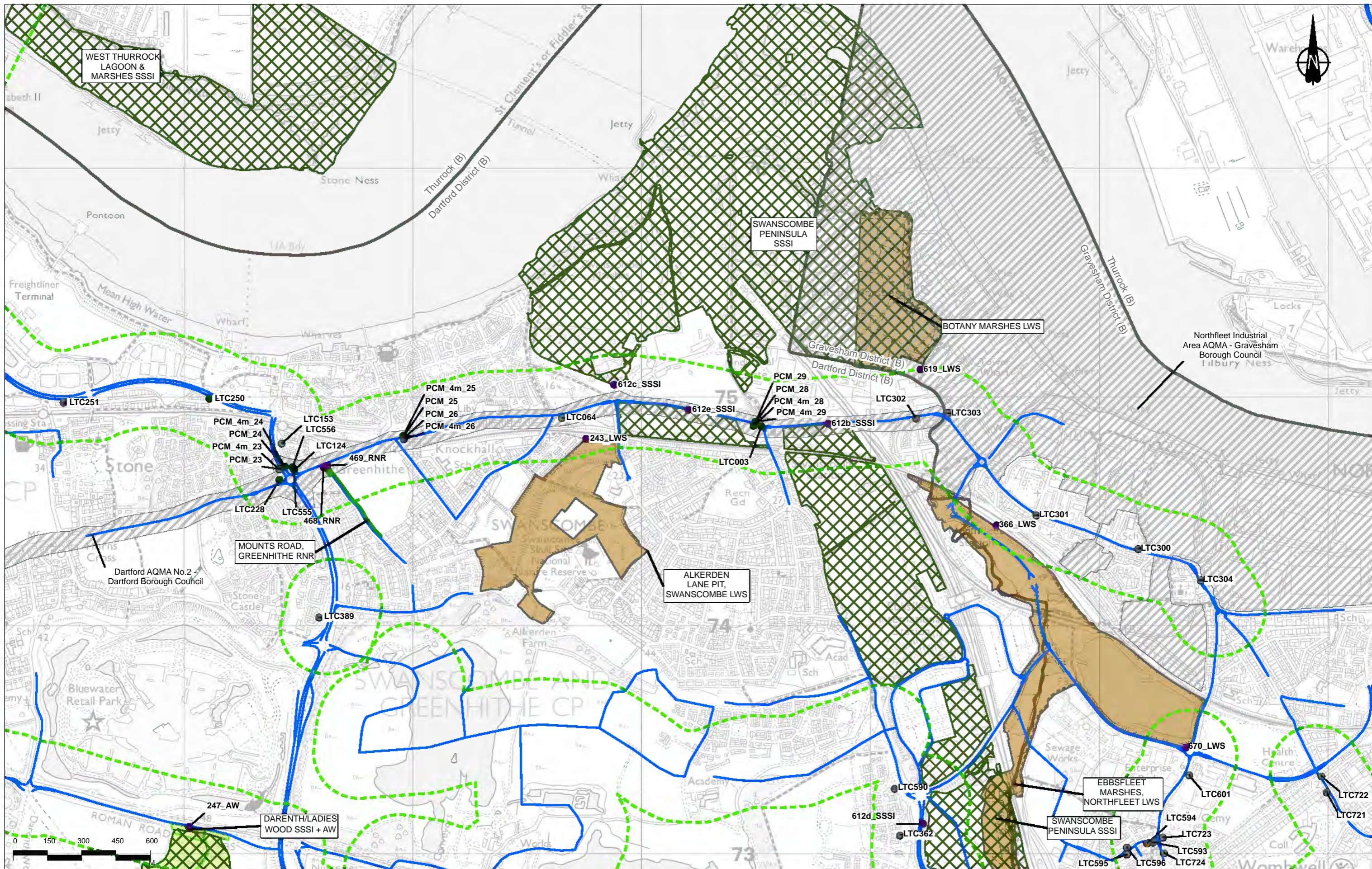
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| | Short-term AQS Objective Receptor |
| | Operational Ecological Receptors |
| | Ecological Receptor |
| | Epping Forest (SAC Gridded Receptor) |
| | Ecological Transects |



Client: national highways

Project: LOWER THAMES CROSSING

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|-----------------------------|--|---------------|----------|
| Status | DCO Application | Original Size | Revision |
| Application Document Number | TR010032/APP/6.2 | A3 | P02 |
| Drawing Title | Figure 5.6 - Operational Phase Receptors and Results | | |
| Page | Page 43 of 83 | | |
| Drawing Number | HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50012 | | |



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|---|-----|-----|-----|-----|
| 0 | 150 | 300 | 450 | 600 |
|---|-----|-----|-----|-----|

| | | | | | |
|------------------------------------|---|---|--|--------------------------------------|--------------------------------------|
| Route Alignment | Ancient Woodland (AW) | Ramsar Site (RAMSAR) | Veteran Tree | Perceptible decrease > AQS objective | Short-term AQS Objective Receptor |
| Order Limits | Local Nature Reserve (LNR) | Special Areas of Conservation (SAC) | Operational Human Receptors | Perceptible increase | Ecological Receptor |
| District Borough Boundary | Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC) | Sites of Special Scientific Interest (SSSI) | Project Change in Annual Mean NO ₂ at Human Receptors | Perceptible increase > AQS objective | Epping Forest (SAC Gridded Receptor) |
| Study Area | National Nature Reserve (NNR) | Roadside Nature Reserve (RNR) | Imperceptible change | Receptor Demolished with Project | Ecological Transects |
| Operational Modelled Road | | | Perceptible decrease | | |
| Air Quality Management Area (AQMA) | | | | | |

| | | | | | | | | |
|--------|-------------------------------|-----------|--------|--------|--------|--------|--------|--------|
| 247_AW | DARENTH/LADIES WOOD SSSI + AW | 612d_SSSI | LTC362 | LTC590 | LTC594 | LTC593 | LTC596 | LTC724 |
|--------|-------------------------------|-----------|--------|--------|--------|--------|--------|--------|

| | | | | | | | | |
|-----------|--------|---------|--------|--------|--------|--------|--------|--------|
| 612c_SSSI | LTC064 | 243_LWS | LTC003 | LTC302 | LTC303 | LTC301 | LTC300 | LTC304 |
|-----------|--------|---------|--------|--------|--------|--------|--------|--------|

| | | | | | | | | |
|-----------|--------|--------|-----------|--------|--------|-----------|-----------|---------|
| PCM 4m_25 | PCM 25 | PCM 26 | PCM 4m_26 | PCM 29 | PCM 28 | PCM 4m_28 | PCM 4m_29 | 619_LWS |
|-----------|--------|--------|-----------|--------|--------|-----------|-----------|---------|

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|--------|--------|-----------|--------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| LTC251 | LTC250 | PCM 4m_24 | PCM 24 | PCM 4m_23 | PCM 23 | LTC153 | LTC556 | LTC124 | LTC555 | LTC228 | LTC389 | LTC599 | LTC362 | LTC590 | LTC594 | LTC593 | LTC596 | LTC723 | LTC724 |
|--------|--------|-----------|--------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|

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|-----------|--------|--------|--------|--------|--------|---------|--------|--------|--------|
| 612b_SSSI | LTC302 | LTC303 | LTC301 | LTC300 | LTC304 | 670_LWS | LTC601 | LTC722 | LTC721 |
|-----------|--------|--------|--------|--------|--------|---------|--------|--------|--------|

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| 612e_SSSI | LTC064 | 243_LWS | LTC003 | LTC302 | LTC303 | LTC301 | LTC300 | LTC304 |
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|-----------|--------|---------|--------|--------|--------|--------|--------|--------|
| 612c_SSSI | LTC064 | 243_LWS | LTC003 | LTC302 | LTC303 | LTC301 | LTC300 | LTC304 |
|-----------|--------|---------|--------|--------|--------|--------|--------|--------|

national highways

LOWER THAMES CROSSING

Client: DCO Application

Application Document Number: TR010032/APP/6.2

Drawing Title: Figure 5.6 - Operational Phase Receptors and Results

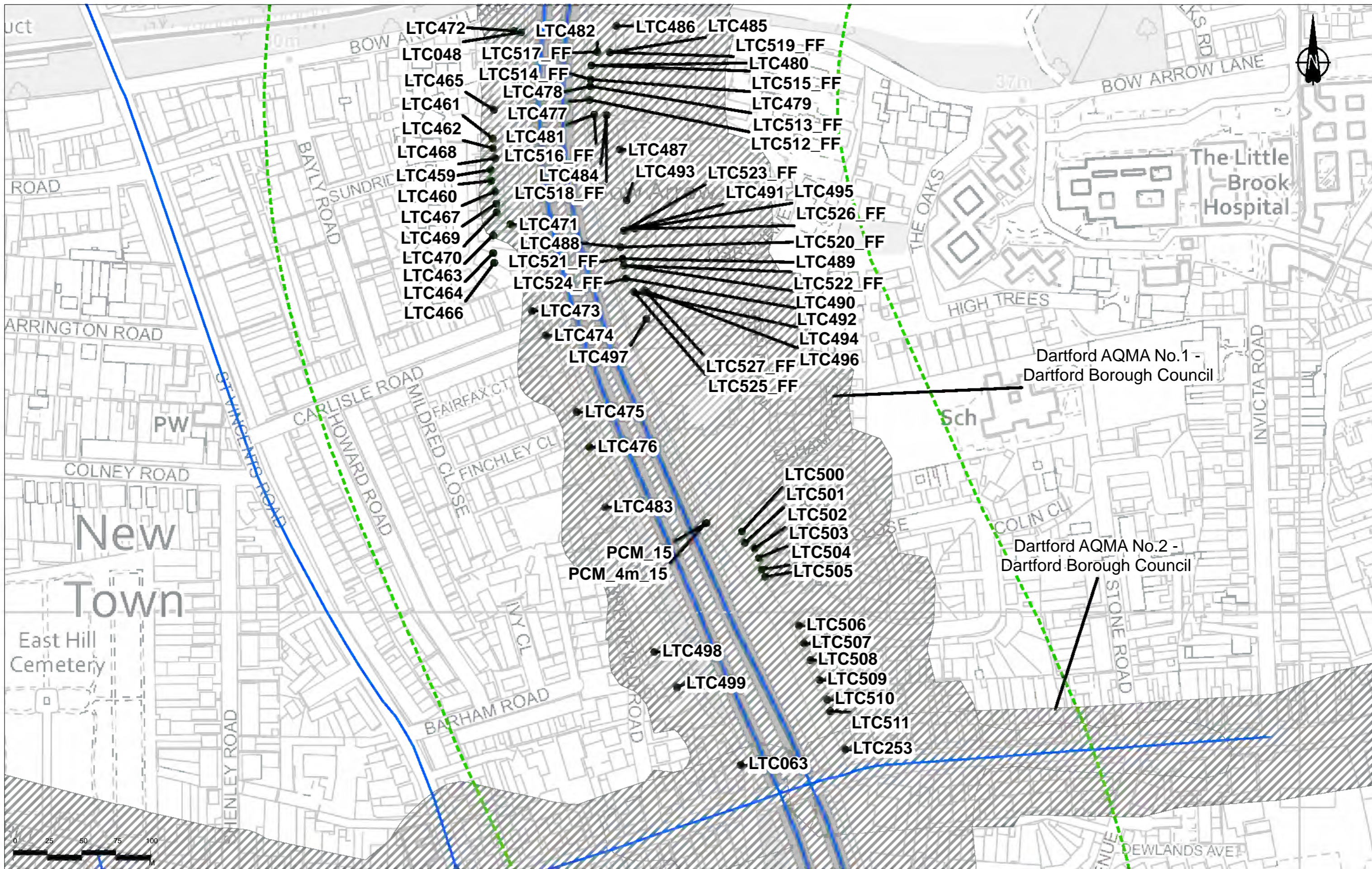
Page 44 of 83

Drawing Number: HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50012

Scale: 1:15,000

Original Size: A3

Revision: P02



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| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chkd | Apprv |
|-----|--------|------------|---------------------|-------|------|-------|
| P02 | S2 | 19/10/2022 | DCO Application | CD | MS | PM |

Legend

| | | | | | |
|--|------------------------------------|--|---|--|---|
| | Route Alignment | | Ancient Woodland (AW) | | Ramsar Site (RAMSAR) |
| | Order Limits | | Local Nature Reserve (LNR) | | Special Areas of Conservation (SAC) |
| | District Borough Boundary | | Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC) | | Sites of Special Scientific Interest (SSSI) |
| | Study Area | | National Nature Reserve (NNR) | | Roadside Nature Reserve (RNR) |
| | Operational Modelled Road | | | | |
| | Air Quality Management Area (AQMA) | | | | |

| | | | |
|--|--|--|--------------------------------------|
| | Veteran Tree | | Perceptible decrease > AQS objective |
| | Operational Human Receptors | | Perceptible increase > AQS objective |
| | Project Change in Annual Mean NO ₂ at Human Receptors | | Receptor Demolished with Project |
| | Imperceptible change | | Short-term AQS Objective Receptor |
| | Perceptible decrease | | Operational Ecological Receptor |
| | | | Ecological Receptor |
| | | | Epping Forest (SAC Gridded Receptor) |
| | | | Ecological Transects |

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| | | | Ecological Receptor |
| | | | Epping Forest (SAC Gridded Receptor) |
| | | | Ecological Transects |

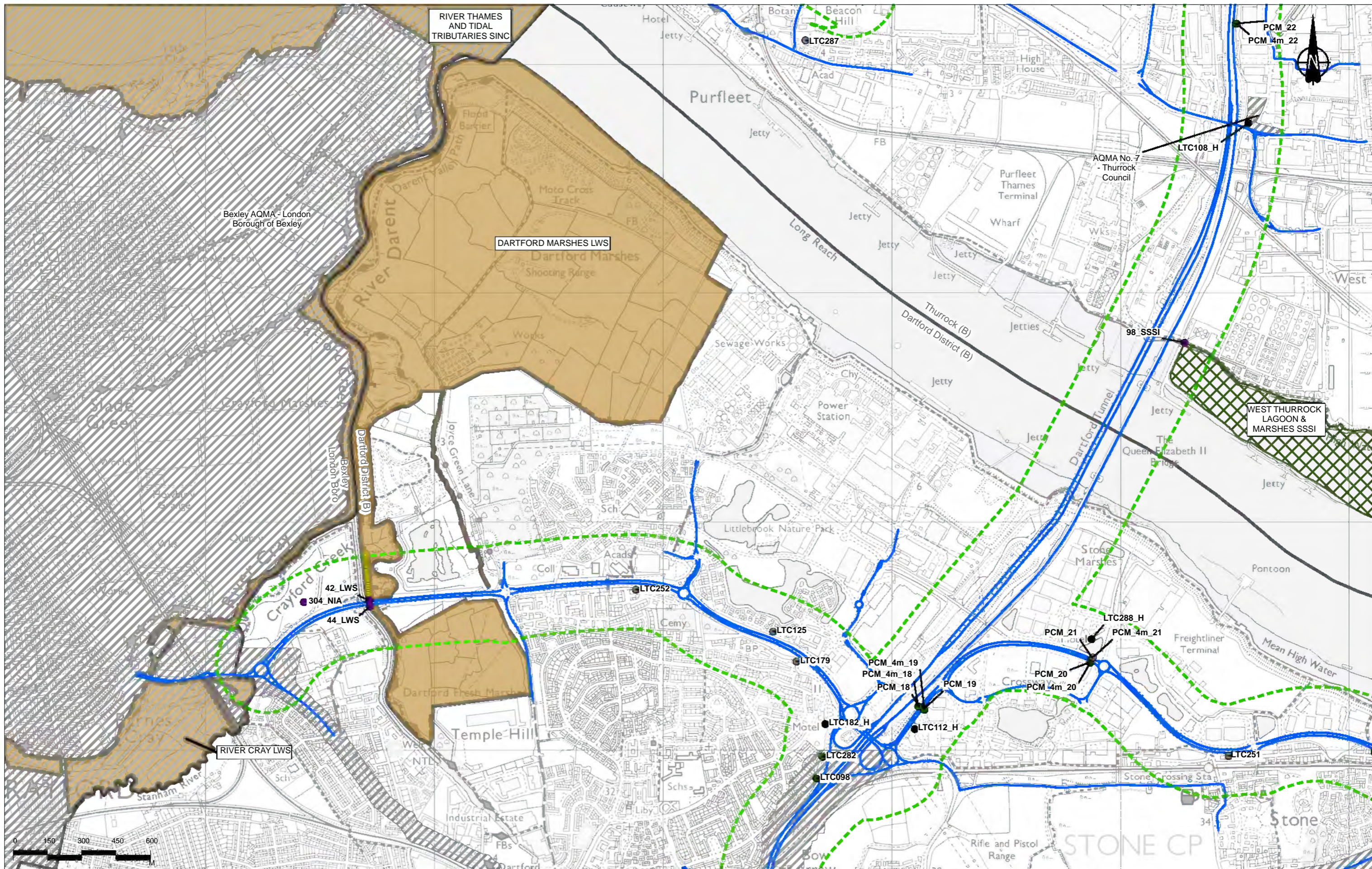
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|--|--|--|--------------------------------------|
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Client: national highways

Project: LOWER THAMES CROSSING

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|-----------------------------|--|---------------|---------|----------|-----|
| Status | DCO Application | Original Size | A3 | Revision | P02 |
| Application Document Number | TR010032/APP/6.2 | Scale | 1:2,500 | | |
| Drawing Title | Figure 5.6 - Operational Phase Receptors and Results | | | | |
| | Page 45 of 83 | | | | |
| Drawing Number | HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50012 | | | | |



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| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chkd | Apprvd |
|-----|--------|------------|---------------------|-------|------|--------|
| P02 | S2 | 19/10/2022 | DCO Application | CD | MS | PM |

Legend

| | | | |
|--|------------------------------------|--|---|
| | Route Alignment | | Ancient Woodland (AW) |
| | Order Limits | | Local Nature Reserve (LNR) |
| | District Borough Boundary | | Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC) |
| | Study Area | | Sites of Special Scientific Interest (SSSI) |
| | Operational Modelled Road | | Roadside Nature Reserve (RNR) |
| | Air Quality Management Area (AQMA) | | National Nature Reserve (NNR) |

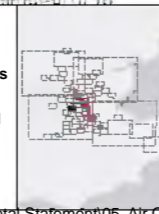
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| | Ramsar Site (RAMSAR) | | Veteran Tree |
| | Special Areas of Conservation (SAC) | | Operational Human Receptors |
| | Sites of Special Scientific Interest (SSSI) | | Project Change in Annual Mean NO ₂ at Human Receptors |
| | Roadside Nature Reserve (RNR) | | Imperceptible change |
| | National Nature Reserve (NNR) | | Perceptible decrease |

| | | | |
|--|--------------------------------------|--|--------------------------------------|
| | Perceptible decrease > AQS objective | | Short-term AQS Objective Receptor |
| | Perceptible increase | | Operational Ecological Receptors |
| | Perceptible increase > AQS objective | | Ecological Receptor |
| | Receptor Demolished with Project | | Epping Forest (SAC Gridded Receptor) |
| | | | Ecological Transects |

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| | Perceptible increase |
| | Perceptible increase > AQS objective |
| | Receptor Demolished with Project |

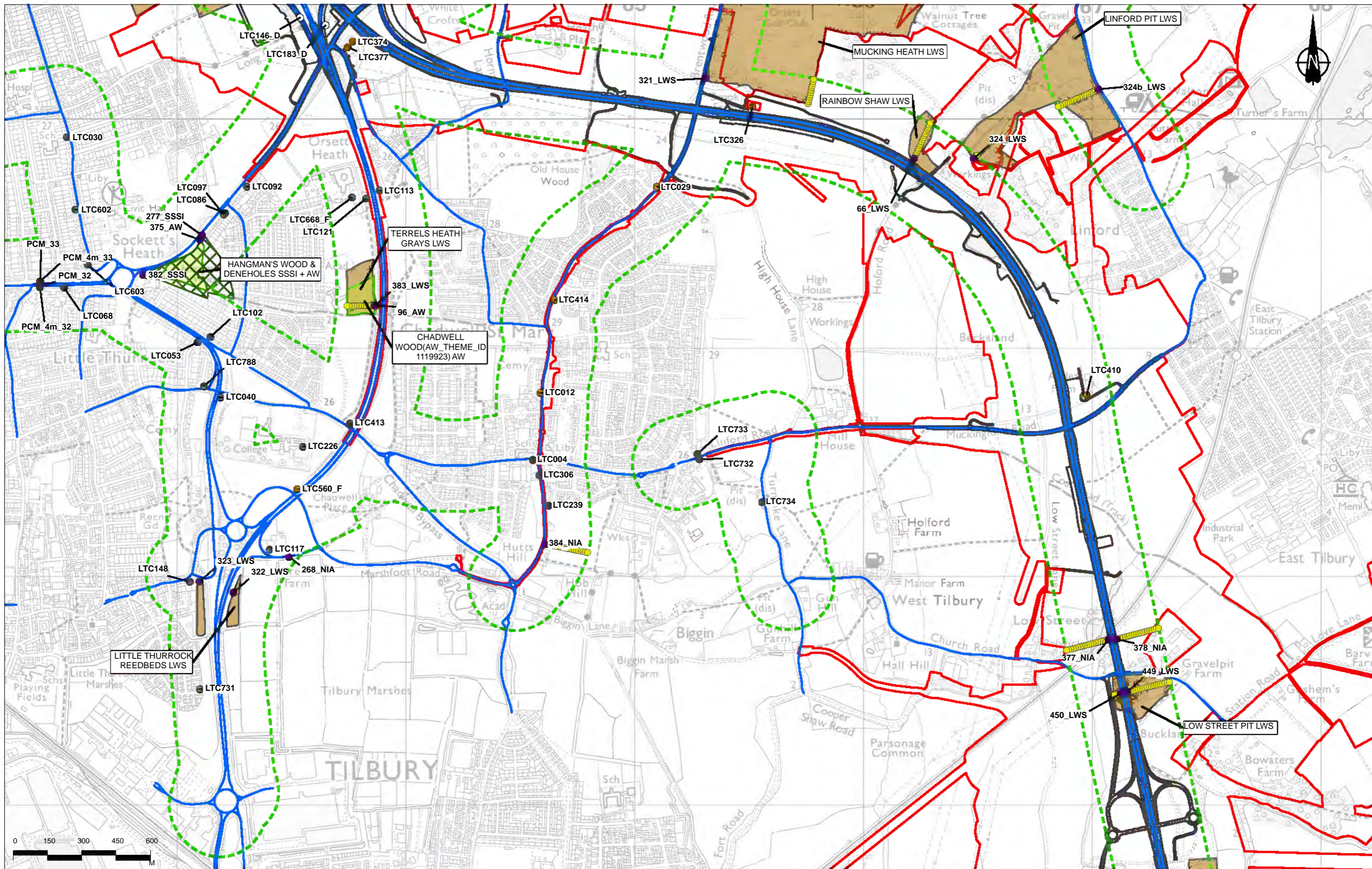
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| | Short-term AQS Objective Receptor |
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Client: national highways

Project: LOWER THAMES CROSSING

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|-----------------------------|--|---------------|----------|----------|-----|
| Status | DCO Application | Original Size | A3 | Revision | P02 |
| Application Document Number | TR010032/APP/6.2 | Scale | 1:15,000 | | |
| Drawing Title | Figure 5.6 - Operational Phase Receptors and Results | | | | |
| | Page 46 of 83 | | | | |
| Drawing Number | HE540039-CJV-EAQ-SZP_EGNE0000000-DR-LE-50012 | | | | |



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| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chkd | Apprv |
|-----|--------|------------|---------------------|-------|------|-------|
| P02 | S2 | 19/10/2022 | DCO Application | CD | MS | PM |

Legend

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| | Study Area | | National Nature Reserve (NNR) | | Roadside Nature Reserve (RNR) |
| | Operational Modelled Road | | | | Veteran Tree |
| | Air Quality Management Area (AQMA) | | | | Operational Human Receptors |
| | | | | | Project Change in Annual Mean NO ₂ at Human Receptors |
| | | | | | Imperceptible change |
| | | | | | Perceptible decrease |
| | | | | | Perceptible decrease > AQS objective |
| | | | | | Perceptible increase |
| | | | | | Perceptible increase > AQS objective |
| | | | | | Receptor Demolished with Project |
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| | | | | | Operational Ecological Receptors |
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| | | | | | Epping Forest (SAC Gridded Receptor) |
| | | | | | Ecological Transects |

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|--|--------------------------------------|--|--------------------------------------|
| | Perceptible decrease > AQS objective | | Short-term AQS Objective Receptor |
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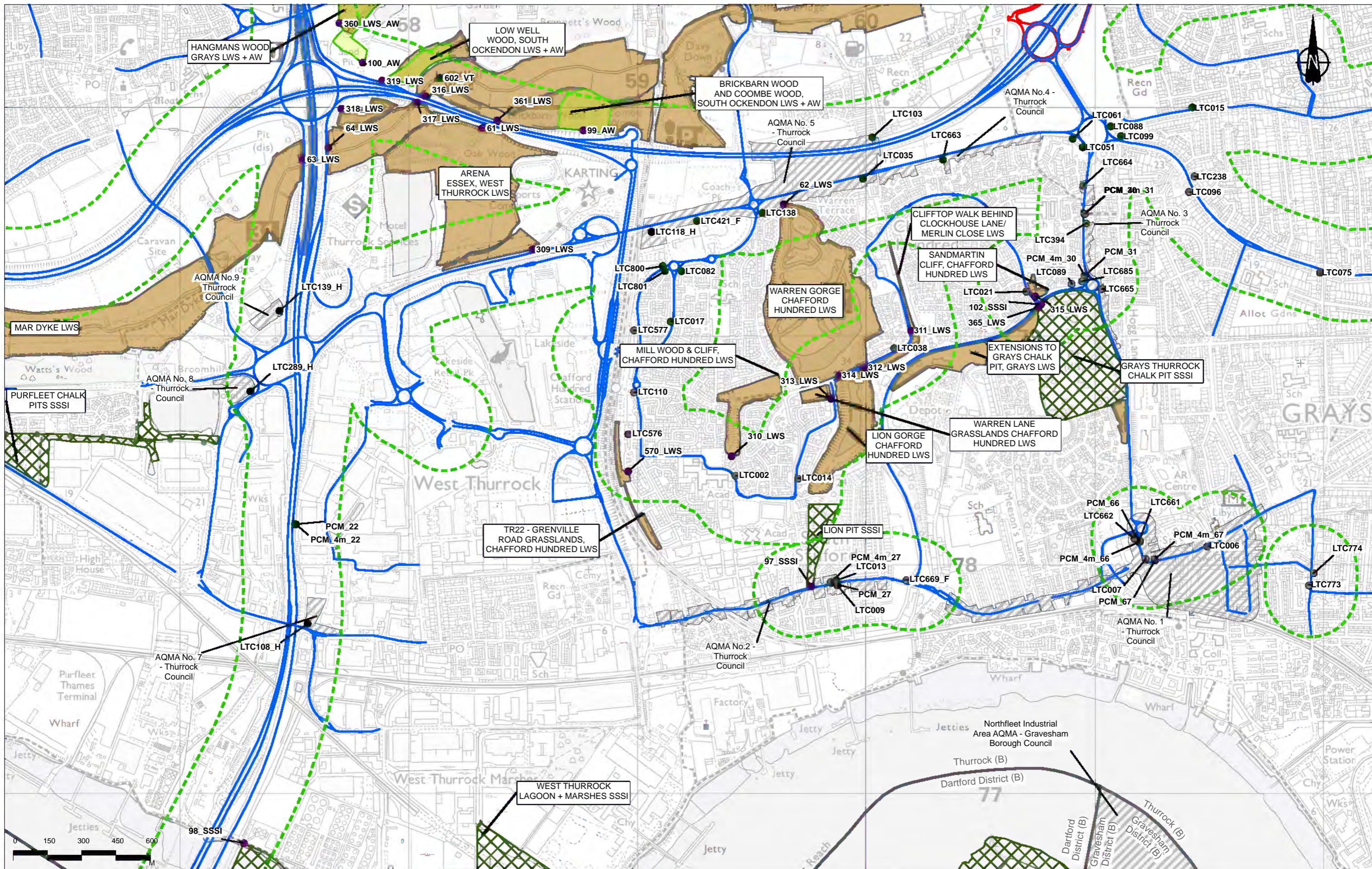
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national highways

LOWER THAMES CROSSING

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|-----------------------------|--|---------------|----------|----------|-----|
| Status | DCO Application | Original Size | A3 | Revision | P02 |
| Application Document Number | TR010032/APP/6.2 | Scale | 1:15,000 | | |
| Drawing Title | Figure 5.6 - Operational Phase Receptors and Results | | | | |
| | Page 47 of 83 | | | | |
| Drawing Number | HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50012 | | | | |



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| PO2 | S2 | 19/10/2022 | DCO Application | CD | MS | PM |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chkd | Apprv |

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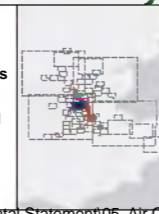
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| | Ramsar Site (RAMSAR) | | Veteran Tree |
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| | Sites of Special Scientific Interest (SSSI) | | Project Change in Annual Mean NO ₂ at Human Receptors |
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| | | | |
|--|--------------------------------------|--|--------------------------------------|
| | Perceptible decrease > AQS objective | | Short-term AQS Objective Receptor |
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| | Perceptible increase > AQS objective | | Epping Forest (SAC Gridded Receptor) |
| | Receptor Demolished with Project | | Ecological Transects |

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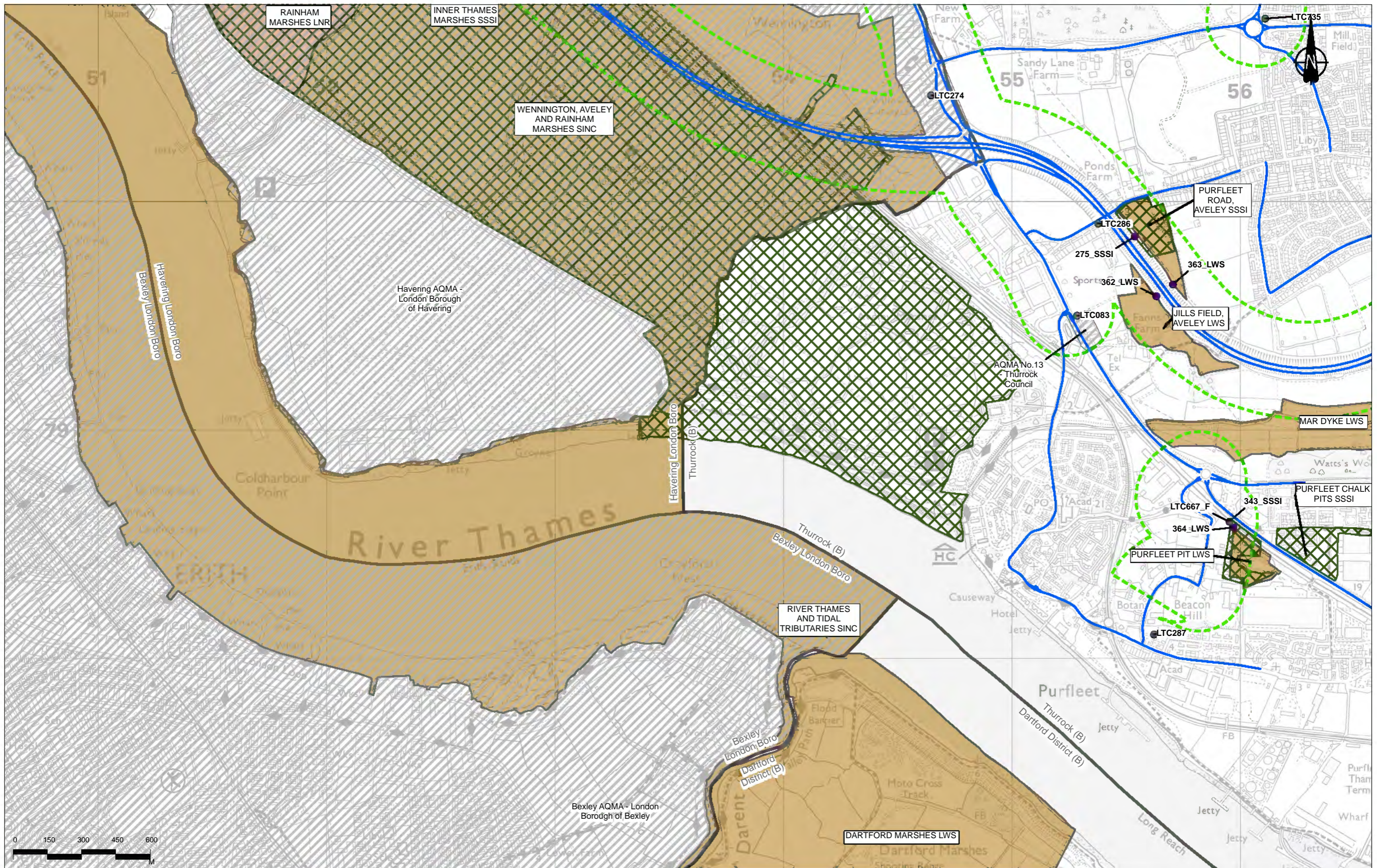


national highways

Client: **national highways**

Project: **LOWER THAMES CROSSING**

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|-----------------------------|--|---------------|----------|----------|-----|
| Status | DCO Application | Original Size | A3 | Revision | P02 |
| Application Document Number | TR010032/APP/6.2 | Scale | 1:15,000 | | |
| Drawing Title | Figure 5.6 - Operational Phase Receptors and Results | | | | |
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| P02 | S2 | 19/10/2022 | DCO Application | CD | MS | PM |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Checked | Approved |

Legend

| | | | | | |
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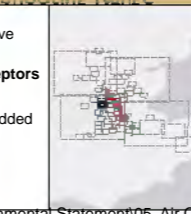
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|--|--|--|--------------------------------------|
| | Veteran Tree | | Perceptible decrease > AQS objective |
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| | | | |
|--|-----------------------------------|--|--------------------------------------|
| | Short-term AQS Objective Receptor | | Ecological Receptor |
| | Ecological Receptor | | Epping Forest (SAC Gridded Receptor) |
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| | |
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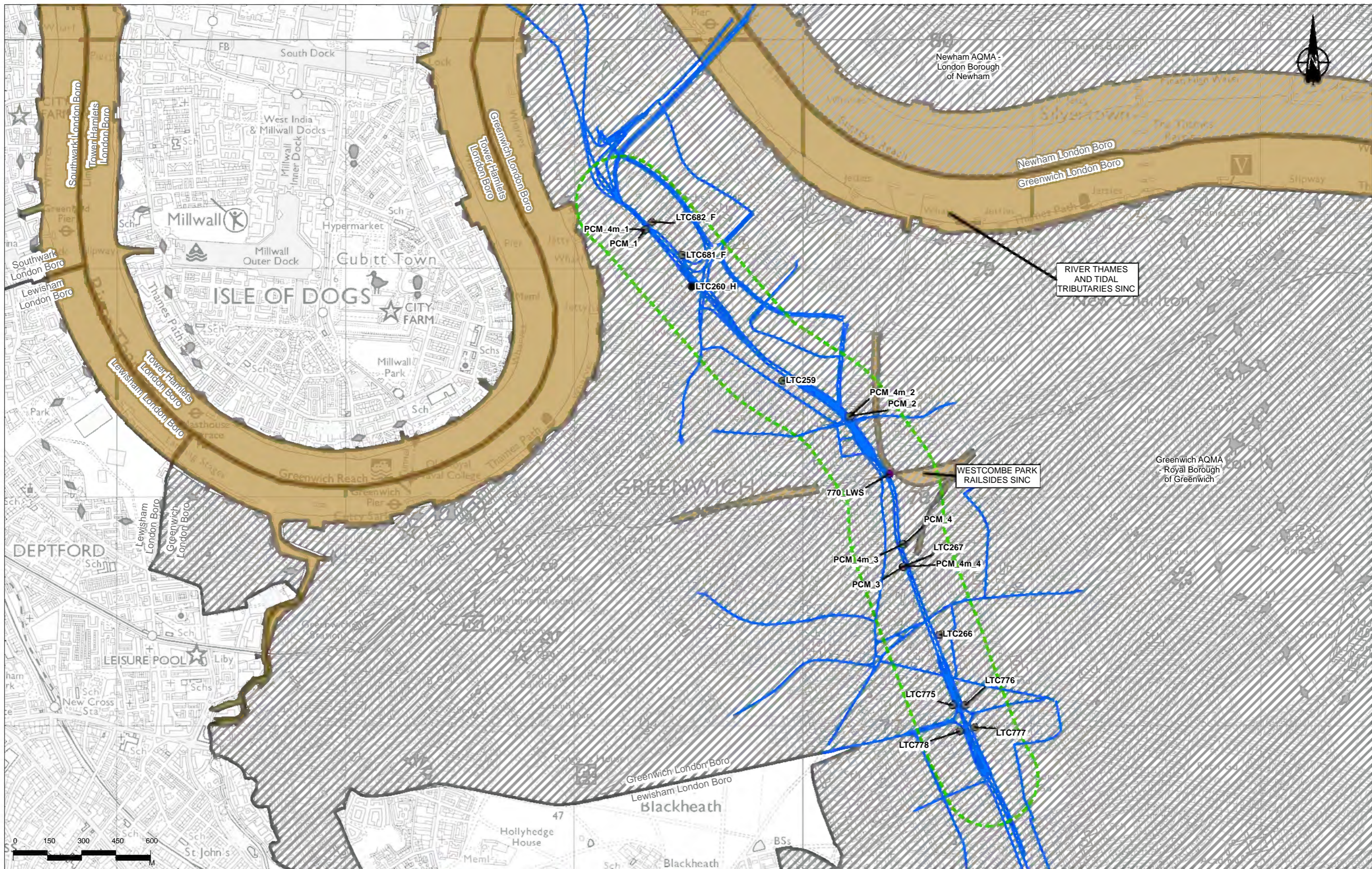
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Client: **national highways**

Project: **LOWER THAMES CROSSING**

| | | | |
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| Status | DCO Application | Original Size | Revision |
| Application Document Number | TR010032/APP/6.2 | A3 | P02 |
| Drawing Title | Figure 5.6 - Operational Phase Receptors and Results | | |
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| Drawing Number | HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50012 | | |



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| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chkd | Apprv |
|-----|--------|------------|---------------------|-------|------|-------|
| P02 | S2 | 19/10/2022 | DCO Application | CD | MS | PM |

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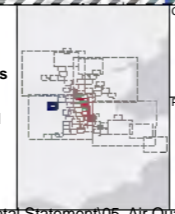
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| | Veteran Tree | | Perceptible decrease > AQS objective |
| | Operational Human Receptors | | Perceptible increase > AQS objective |
| | Project Change in Annual Mean NO ₂ at Human Receptors | | Receptor Demolished with Project |
| | Imperceptible change | | |
| | Perceptible decrease | | |

| | | | |
|--|-----------------------------------|--|--------------------------------------|
| | Short-term AQS Objective Receptor | | Ecological Receptor |
| | Operational Ecological Receptors | | Epping Forest (SAC Gridded Receptor) |
| | Ecological Receptor | | Ecological Transects |

| | |
|--|--------------------------------------|
| | Perceptible decrease > AQS objective |
| | Perceptible increase > AQS objective |
| | Perceptible increase > AQS objective |
| | Receptor Demolished with Project |

| | |
|--|--------------------------------------|
| | Short-term AQS Objective Receptor |
| | Operational Ecological Receptors |
| | Ecological Receptor |
| | Epping Forest (SAC Gridded Receptor) |
| | Ecological Transects |

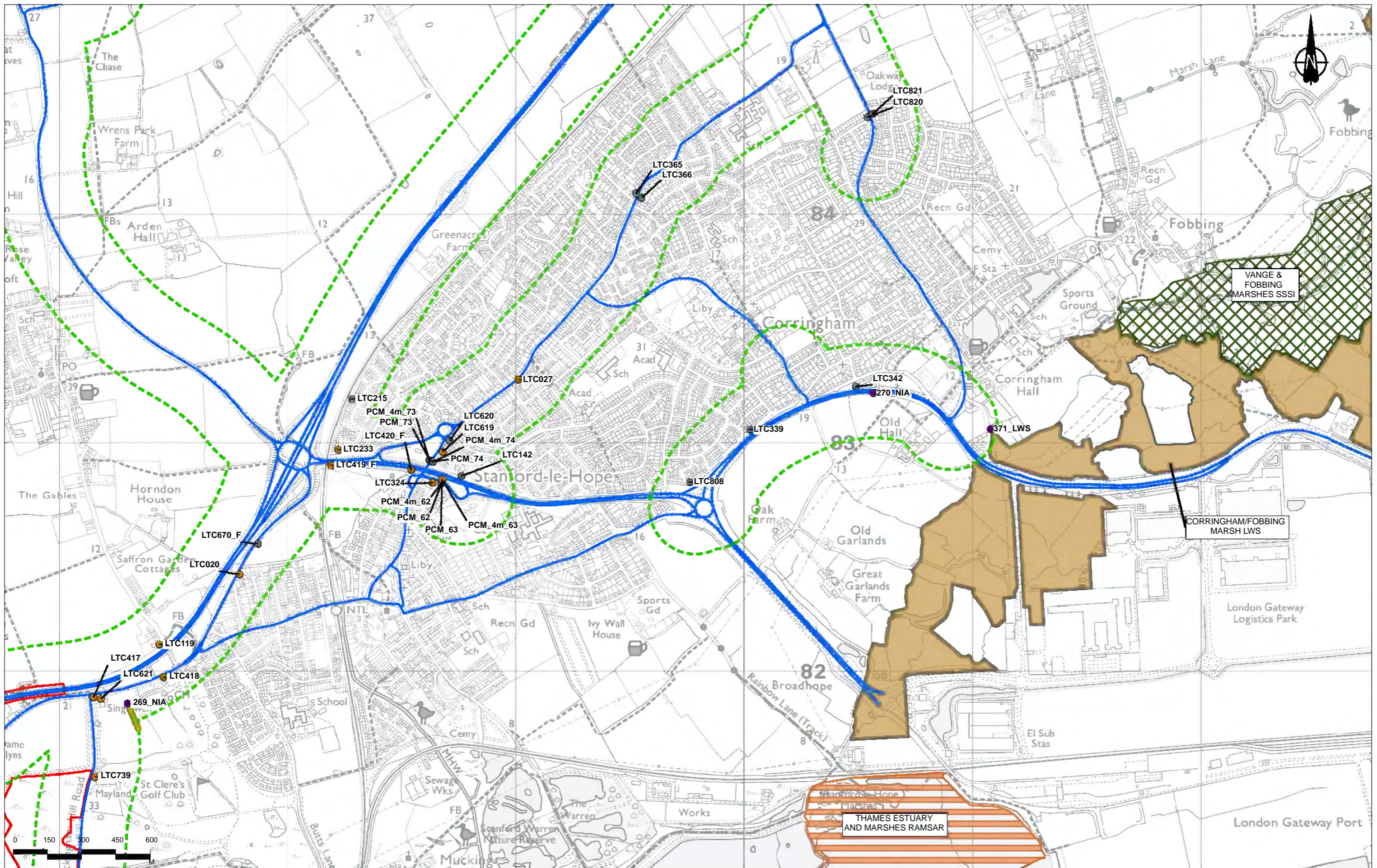
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|--|--------------------------------------|
| | Perceptible decrease > AQS objective |
| | Perceptible increase > AQS objective |
| | Perceptible increase > AQS objective |
| | Receptor Demolished with Project |



national highways

Project: LOWER THAMES CROSSING

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|-----------------------------|--|---------------|----------|----------|-----|
| Status | DCO Application | Original Size | A3 | Revision | P02 |
| Application Document Number | TR010032/APP/6.2 | Scale | 1:15,000 | | |
| Drawing Title | Figure 5.6 - Operational Phase Receptors and Results | | | | |
| | Page 50 of 83 | | | | |
| Drawing Number | HE540039-CJV-EAQ-SZP_EGNE0000000-DR-LE-50012 | | | | |



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| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chkd | Apprv |
|-----|--------|------------|---------------------|-------|------|-------|
| P02 | S2 | 19/10/2022 | DCO Application | CD | MS | PM |

Legend

| | | | |
|--|------------------------------------|--|---|
| | Route Alignment | | Ancient Woodland (AW) |
| | Order Limits | | Local Nature Reserve (LNR) |
| | District Borough Boundary | | Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC) |
| | Study Area | | Sites of Special Scientific Interest (SSSI) |
| | Operational Modelled Road | | Roadside Nature Reserve (RNR) |
| | Air Quality Management Area (AQMA) | | National Nature Reserve (NNR) |

| | | | |
|--|---|--|--|
| | Ramsar Site (RAMSAR) | | Veteran Tree |
| | Special Areas of Conservation (SAC) | | Operational Human Receptors |
| | Sites of Special Scientific Interest (SSSI) | | Project Change in Annual Mean NO ₂ at Human Receptors |
| | Roadside Nature Reserve (RNR) | | Imperceptible change |
| | | | Perceptible decrease |

| | | | |
|--|--------------------------------------|--|--------------------------------------|
| | Perceptible decrease > AQS objective | | Short-term AQS Objective Receptor |
| | Perceptible increase | | Operational Ecological Receptors |
| | Perceptible increase > AQS objective | | Ecological Receptor |
| | Receptor Demolished with Project | | Epping Forest (SAC Gridded Receptor) |
| | | | Ecological Transects |

| | |
|--|--------------------------------------|
| | Perceptible decrease > AQS objective |
| | Perceptible increase |
| | Perceptible increase > AQS objective |
| | Receptor Demolished with Project |
| | Ecological Transects |

| | |
|--|--------------------------------------|
| | Short-term AQS Objective Receptor |
| | Operational Ecological Receptors |
| | Ecological Receptor |
| | Epping Forest (SAC Gridded Receptor) |
| | Ecological Transects |

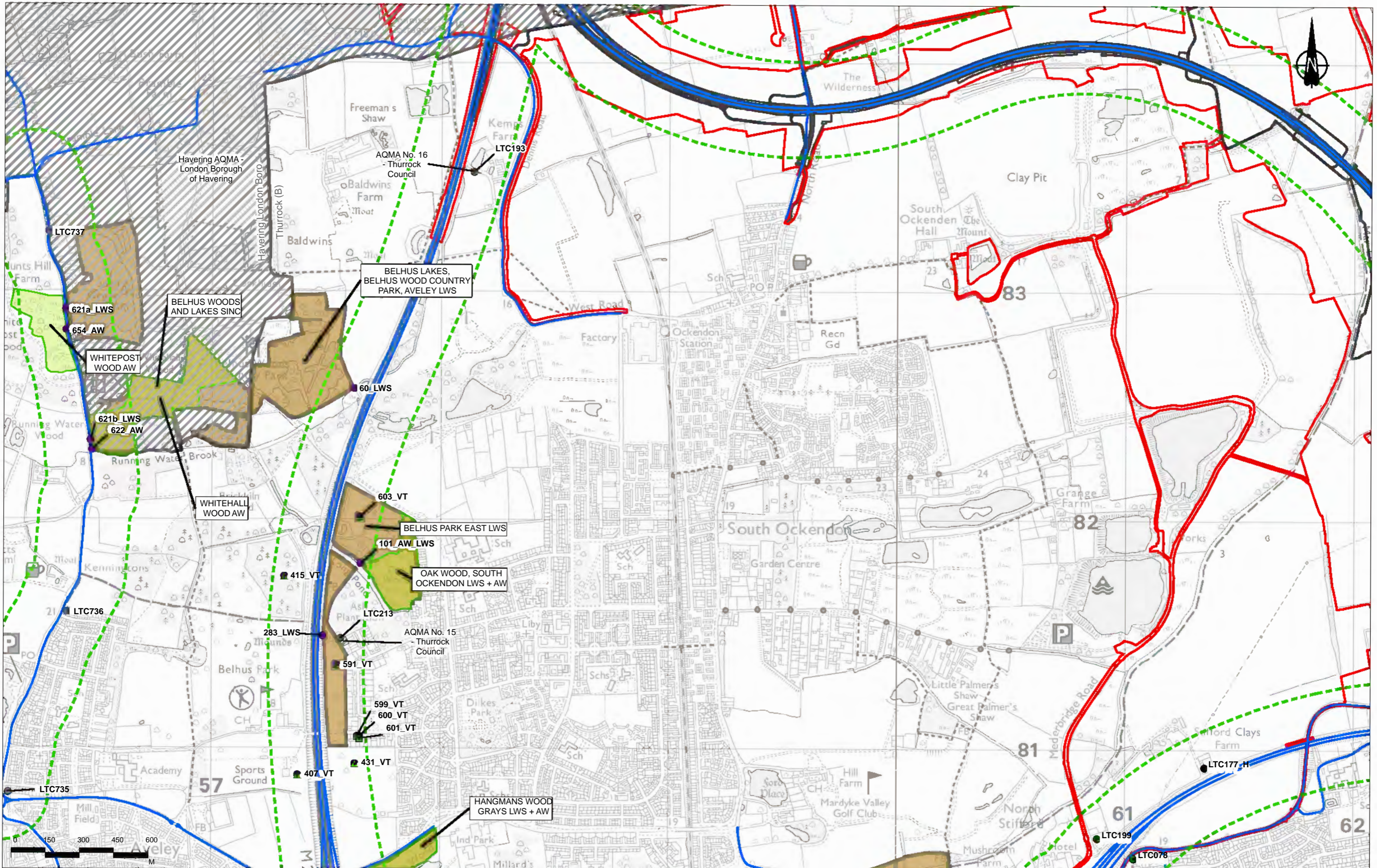
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| | Perceptible decrease > AQS objective |
| | Perceptible increase |
| | Perceptible increase > AQS objective |
| | Receptor Demolished with Project |
| | Ecological Transects |

| | |
|--|--------------------------------------|
| | Short-term AQS Objective Receptor |
| | Operational Ecological Receptors |
| | Ecological Receptor |
| | Epping Forest (SAC Gridded Receptor) |
| | Ecological Transects |

Client: national highways

Project: LOWER THAMES CROSSING

| | | | | | |
|-----------------------------|--|---------------|----------|----------|-----|
| Status | DCO Application | Original Size | A3 | Revision | P02 |
| Application Document Number | TR010032/APP/6.2 | Scale | 1:15,000 | | |
| Drawing Title | Figure 5.6 - Operational Phase Receptors and Results | | | | |
| | Page 51 of 83 | | | | |
| Drawing Number | HE540039-CJV-EAQ-SZP_EGNE0000000-DR-LE-50012 | | | | |



| Rev | Status | Rev. Date | Purpose of revision | Drawn | Checked | Approved |
|-----|--------|------------|---------------------|-------|---------|----------|
| P02 | S2 | 19/10/2022 | DCO Application | CD | MS | PM |

| Legend | |
|--------|---|
| | Route Alignment |
| | Order Limits |
| | District Borough Boundary |
| | Study Area |
| | Operational Modelled Road |
| | Air Quality Management Area (AQMA) |
| | Ancient Woodland (AW) |
| | Local Nature Reserve (LNR) |
| | Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC) |
| | National Nature Reserve (NNR) |
| | Ramsar Site (RAMSAR) |
| | Special Areas of Conservation (SAC) |
| | Sites of Special Scientific Interest (SSSI) |
| | Roadside Nature Reserve (RNR) |
| | Veteran Tree |
| | Operational Human Receptors |
| | Project Change in Annual Mean NO ₂ at Human Receptors |
| | Imperceptible change |
| | Perceptible decrease |
| | Perceptible decrease > AQS objective |
| | Perceptible increase |
| | Perceptible increase > AQS objective |
| | Receptor Demolished with Project |
| | Short-term AQS Objective Receptor |
| | Operational Ecological Receptors |
| | Ecological Receptor |
| | Epping Forest (SAC Gridded Receptor) |
| | Ecological Transects |

| | |
|--|--------------------------------------|
| | Perceptible decrease > AQS objective |
| | Perceptible increase |
| | Perceptible increase > AQS objective |
| | Receptor Demolished with Project |
| | Short-term AQS Objective Receptor |
| | Operational Ecological Receptors |
| | Ecological Receptor |
| | Epping Forest (SAC Gridded Receptor) |
| | Ecological Transects |

| | |
|--|--|
| | Veteran Tree |
| | Operational Human Receptors |
| | Project Change in Annual Mean NO ₂ at Human Receptors |
| | Imperceptible change |
| | Perceptible decrease |

| | |
|--|--------------------------------------|
| | Perceptible decrease > AQS objective |
| | Perceptible increase |
| | Perceptible increase > AQS objective |
| | Receptor Demolished with Project |

| | |
|--|--------------------------------------|
| | Short-term AQS Objective Receptor |
| | Operational Ecological Receptors |
| | Ecological Receptor |
| | Epping Forest (SAC Gridded Receptor) |
| | Ecological Transects |

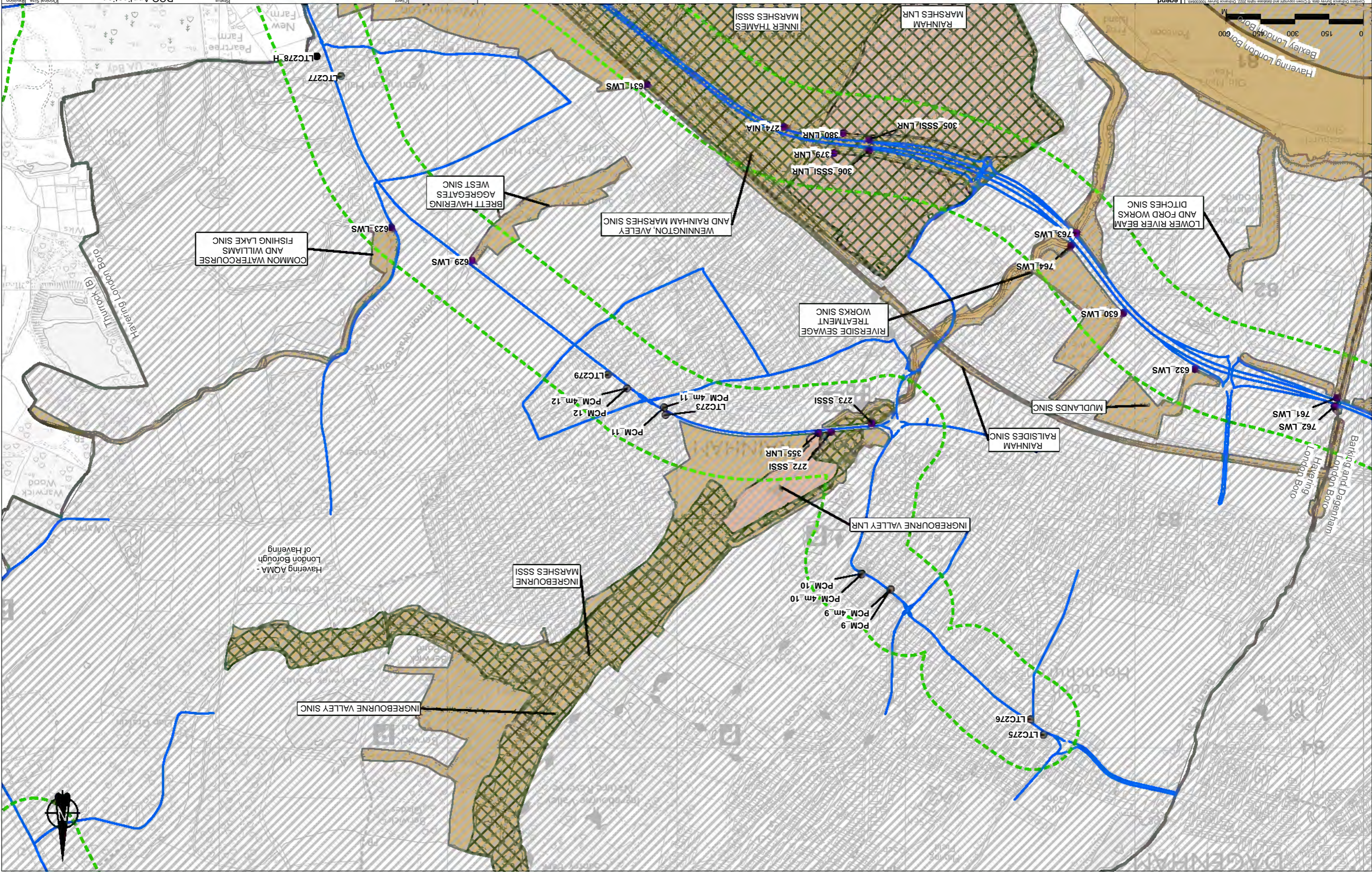
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|--|--------------------------------------|
| | Perceptible decrease > AQS objective |
| | Perceptible increase |
| | Perceptible increase > AQS objective |
| | Receptor Demolished with Project |

| | |
|--|--------------------------------------|
| | Short-term AQS Objective Receptor |
| | Operational Ecological Receptors |
| | Ecological Receptor |
| | Epping Forest (SAC Gridded Receptor) |
| | Ecological Transects |

national highways

LOWER THAMES CROSSING

DCO Application
 Application Document Number: TR010032/APP/6.2
 Drawing Title: Figure 5.6 - Operational Phase Receptors and Results
 Page 53 of 83
 Drawing Number: HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50012
 Scale: 1:15,000



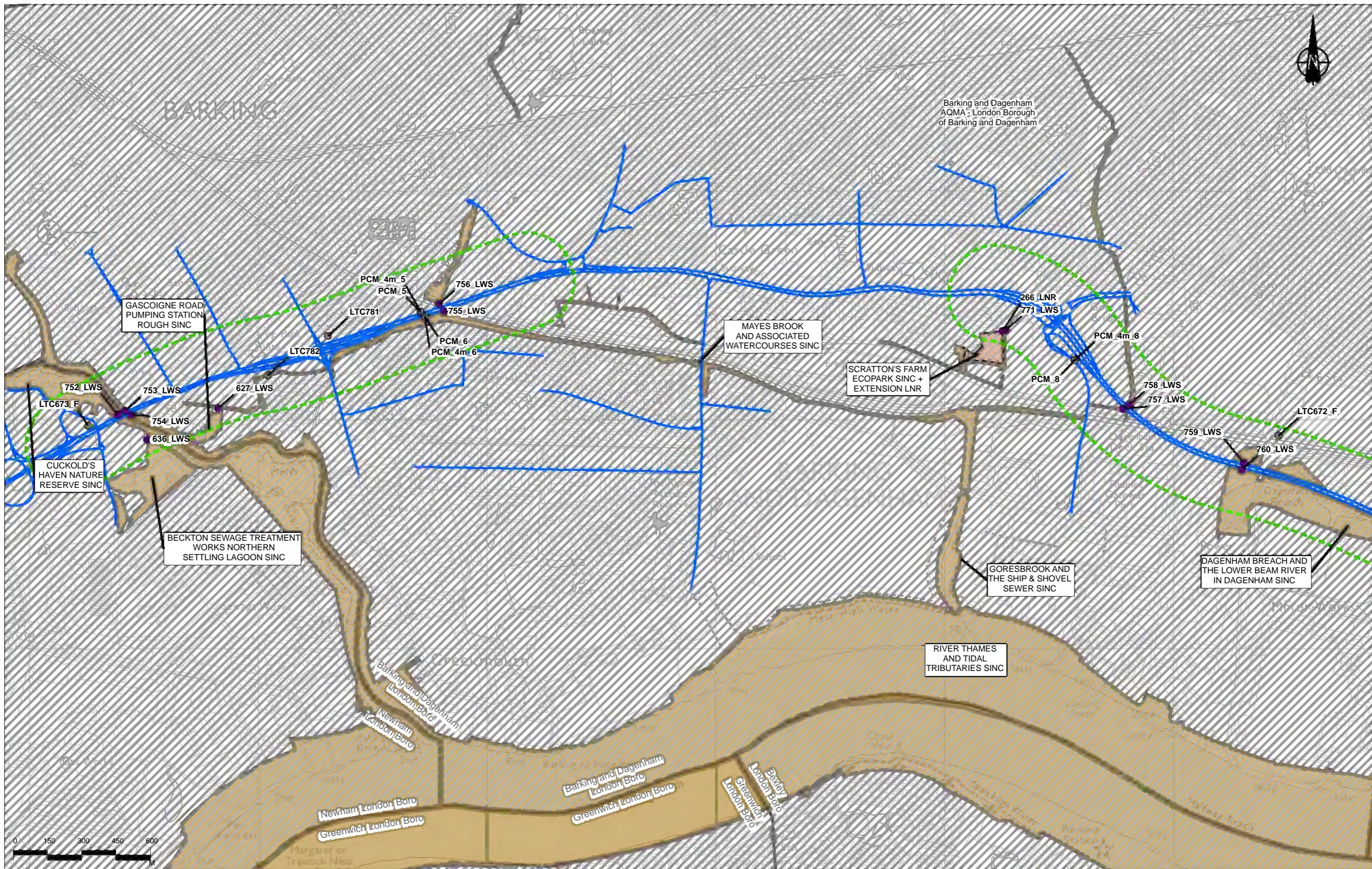
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Checked | Approved |
|-----|--------|------------|---------------------|-------|---------|----------|
| P02 | S2 | 19/10/2022 | DCO Application | CD | MS | PM |

- Legend**
- Route Alignment
 - Order Limits
 - District Borough Boundary
 - Study Area
 - Operational Modelled Road
 - Air Quality Management Area (AQA)
 - Route Alignment
 - Ancient Woodland (AW)
 - Local Nature Reserve (LNR)
 - Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)
 - National Nature Reserve (NNR)
 - Ramsar Site (RAMSAR)
 - Special Areas of Conservation (SAC)
 - Sites of Special Interest (SSSI)
 - Roadside Nature Reserve (RNR)
 - Veteran Tree
 - Project Change in Annual Mean NO₂
 - Perceptible increase
 - Perceptible decrease
 - Imperceptible change
 - Imperceptible decrease
 - Operational Human Receptors
 - Short-term AQS Objective Receptor
 - Operational Ecological Receptors
 - Ecological Receptor
 - Epping Forest (SAC Girdled Receptor)
 - Ecological Transects

national highways

Client: **LOWER THAMES CROSSING**

Project:



| P02 | S2 | 19/10/2022 | DCO Application | CD | MS | PM |
|-----|--------|------------|---------------------|-------|------|-------|
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chkd | Apprv |

Legend

| | | | |
|--|------------------------------------|--|---|
| | Route Alignment | | Ancient Woodland (AW) |
| | Order Limits | | Local Nature Reserve (LNR) |
| | District Borough Boundary | | Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC) |
| | Study Area | | National Nature Reserve (NNR) |
| | Operational Modelled Road | | Ramsar Site (RAMSAR) |
| | Air Quality Management Area (AQMA) | | Special Areas of Conservation (SAC) |
| | | | Sites of Special Scientific Interest (SSSI) |
| | | | Roadside Nature Reserve (RNR) |

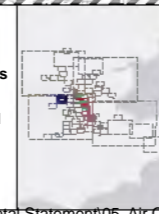
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|--|--|--|--------------------------------------|
| | Veteran Tree | | Perceptible decrease > AQS objective |
| | Operational Human Receptors | | Perceptible increase |
| | Project Change in Annual Mean NO ₂ at Human Receptors | | Perceptible increase > AQS objective |
| | Imperceptible change | | Receptor Demolished with Project |
| | Perceptible decrease | | Short-term AQS Objective Receptor |

| | | | |
|--|---------------------|--|--------------------------------------|
| | Ecological Receptor | | Epping Forest (SAC Gridded Receptor) |
| | Ecological Receptor | | Ecological Transects |

| | |
|--|--------------------------------------|
| | Short-term AQS Objective Receptor |
| | Operational Ecological Receptor |
| | Epping Forest (SAC Gridded Receptor) |
| | Ecological Receptor |
| | Ecological Transects |

| | |
|--|--------------------------------------|
| | Perceptible decrease > AQS objective |
| | Perceptible increase |
| | Perceptible increase > AQS objective |
| | Receptor Demolished with Project |

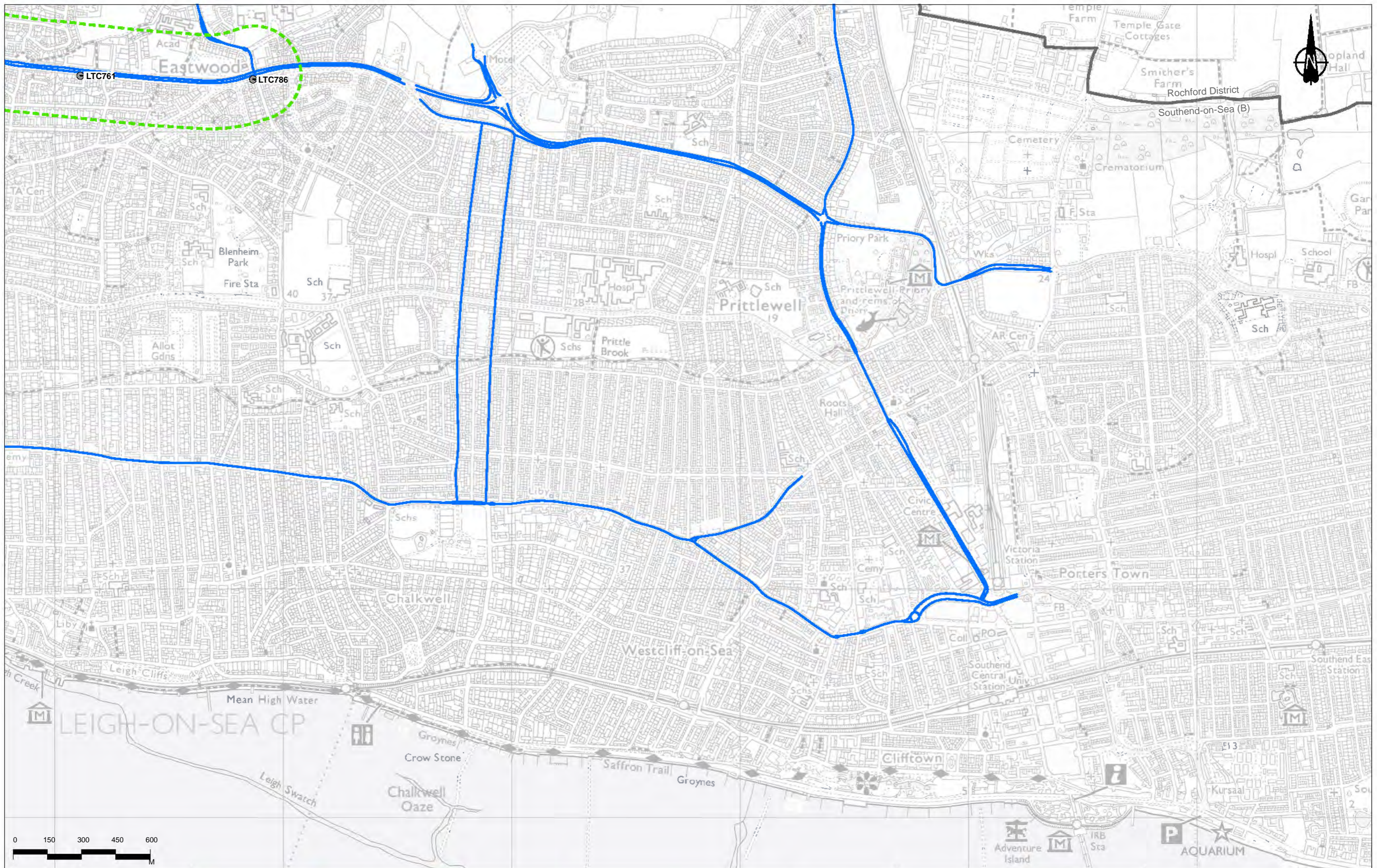
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| | Short-term AQS Objective Receptor |
| | Operational Ecological Receptor |
| | Epping Forest (SAC Gridded Receptor) |
| | Ecological Receptor |
| | Ecological Transects |



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LOWER THAMES CROSSING

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|-----------------------------|--|---------------|----------|----------|-----|
| Status | DCO Application | Original Size | A3 | Revision | P02 |
| Application Document Number | TR010032/APP/6.2 | Scale | 1:15,000 | | |
| Drawing Title | Figure 5.6 - Operational Phase Receptors and Results | | | | |
| | Page 55 of 83 | | | | |
| Drawing Number | HE540039-CJV-EAQ-SZP_EGNE0000000-DR-LE-50012 | | | | |



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| P02 | S2 | 19/10/2022 | DCO Application | CD MS PM |
| Rev | Status | Rev. Date | Purpose of revision | Drawn Chkd Apprv |

| Legend | |
|--------|---|
| | Route Alignment |
| | Order Limits |
| | District Borough Boundary |
| | Study Area |
| | Operational Modelled Road |
| | Air Quality Management Area (AQMA) |
| | Ancient Woodland (AW) |
| | Local Nature Reserve (LNR) |
| | Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC) |
| | National Nature Reserve (NNR) |
| | Ramsar Site (RAMSAR) |
| | Special Areas of Conservation (SAC) |
| | Sites of Special Scientific Interest (SSSI) |
| | Roadside Nature Reserve (RNR) |
| | Veteran Tree |
| | Operational Human Receptors |
| | Project Change in Annual Mean NO ₂ at Human Receptors |
| | Imperceptible change |
| | Perceptible decrease |
| | Perceptible decrease > AQS objective |
| | Perceptible increase |
| | Perceptible increase > AQS objective |
| | Receptor Demolished with Project |
| | Short-term AQS Objective Receptor |
| | Operational Ecological Receptors |
| | Ecological Receptor |
| | Epping Forest (SAC Gridded Receptor) |
| | Ecological Transects |

| | |
|--|--|
| | Veteran Tree |
| | Operational Human Receptors |
| | Project Change in Annual Mean NO ₂ at Human Receptors |
| | Imperceptible change |
| | Perceptible decrease |
| | Perceptible decrease > AQS objective |
| | Perceptible increase |
| | Perceptible increase > AQS objective |
| | Receptor Demolished with Project |
| | Short-term AQS Objective Receptor |
| | Operational Ecological Receptors |
| | Ecological Receptor |
| | Epping Forest (SAC Gridded Receptor) |
| | Ecological Transects |

| | |
|--|--|
| | Veteran Tree |
| | Operational Human Receptors |
| | Project Change in Annual Mean NO ₂ at Human Receptors |
| | Imperceptible change |
| | Perceptible decrease |
| | Perceptible decrease > AQS objective |
| | Perceptible increase |
| | Perceptible increase > AQS objective |
| | Receptor Demolished with Project |
| | Short-term AQS Objective Receptor |
| | Operational Ecological Receptors |
| | Ecological Receptor |
| | Epping Forest (SAC Gridded Receptor) |
| | Ecological Transects |

| | |
|--|--|
| | Veteran Tree |
| | Operational Human Receptors |
| | Project Change in Annual Mean NO ₂ at Human Receptors |
| | Imperceptible change |
| | Perceptible decrease |
| | Perceptible decrease > AQS objective |
| | Perceptible increase |
| | Perceptible increase > AQS objective |
| | Receptor Demolished with Project |
| | Short-term AQS Objective Receptor |
| | Operational Ecological Receptors |
| | Ecological Receptor |
| | Epping Forest (SAC Gridded Receptor) |
| | Ecological Transects |

| | |
|--|--|
| | Veteran Tree |
| | Operational Human Receptors |
| | Project Change in Annual Mean NO ₂ at Human Receptors |
| | Imperceptible change |
| | Perceptible decrease |
| | Perceptible decrease > AQS objective |
| | Perceptible increase |
| | Perceptible increase > AQS objective |
| | Receptor Demolished with Project |
| | Short-term AQS Objective Receptor |
| | Operational Ecological Receptors |
| | Ecological Receptor |
| | Epping Forest (SAC Gridded Receptor) |
| | Ecological Transects |

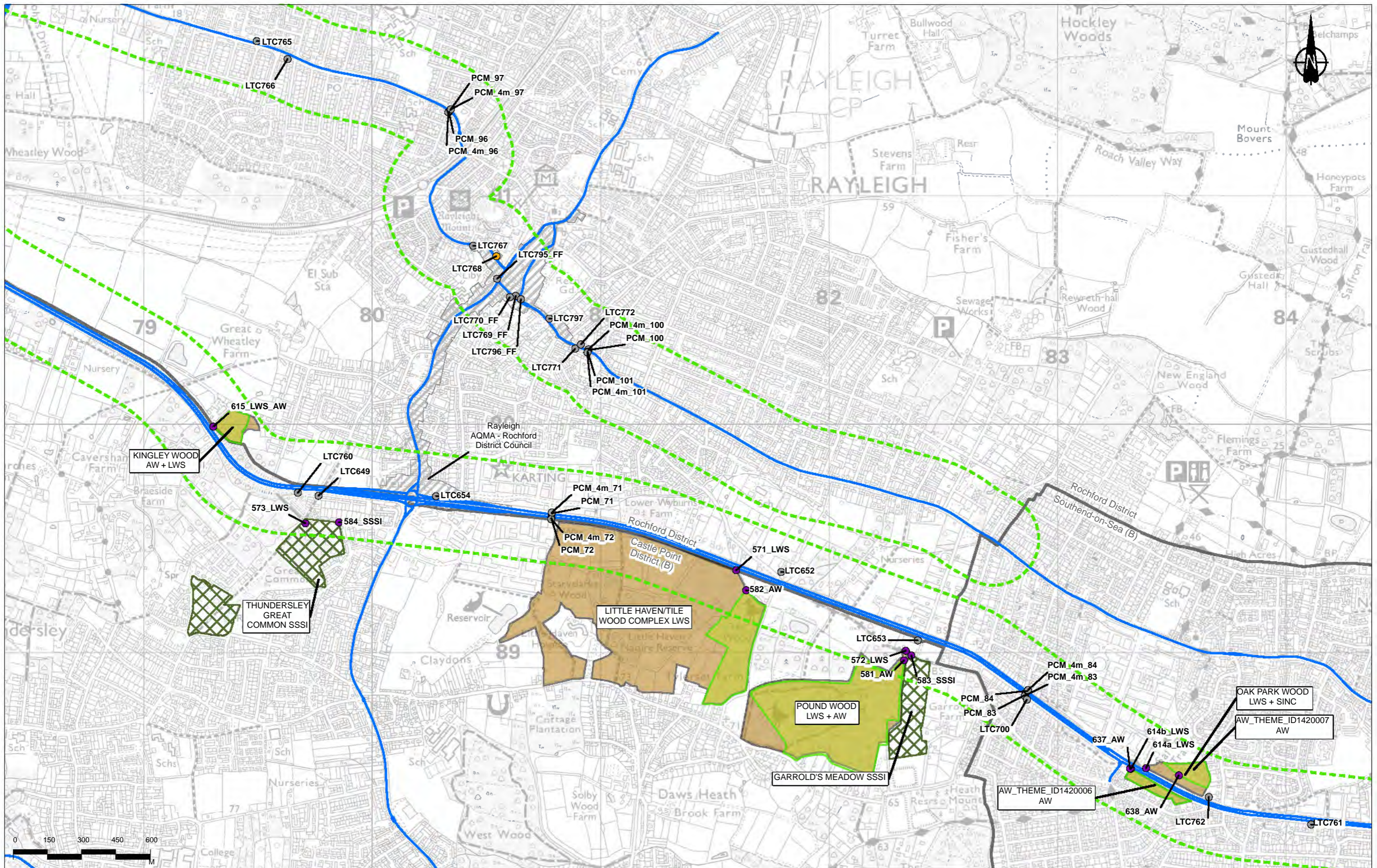
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|--|--|
| | Veteran Tree |
| | Operational Human Receptors |
| | Project Change in Annual Mean NO ₂ at Human Receptors |
| | Imperceptible change |
| | Perceptible decrease |
| | Perceptible decrease > AQS objective |
| | Perceptible increase |
| | Perceptible increase > AQS objective |
| | Receptor Demolished with Project |
| | Short-term AQS Objective Receptor |
| | Operational Ecological Receptors |
| | Ecological Receptor |
| | Epping Forest (SAC Gridded Receptor) |
| | Ecological Transects |

| | |
|--|--|
| | Veteran Tree |
| | Operational Human Receptors |
| | Project Change in Annual Mean NO ₂ at Human Receptors |
| | Imperceptible change |
| | Perceptible decrease |
| | Perceptible decrease > AQS objective |
| | Perceptible increase |
| | Perceptible increase > AQS objective |
| | Receptor Demolished with Project |
| | Short-term AQS Objective Receptor |
| | Operational Ecological Receptors |
| | Ecological Receptor |
| | Epping Forest (SAC Gridded Receptor) |
| | Ecological Transects |

Client: national highways

Project: LOWER THAMES CROSSING

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|-----------------------------|--|---------------|----------|----------|-----|
| Status | DCO Application | Original Size | A3 | Revision | P02 |
| Application Document Number | TR010032/APP/6.2 | Scale | 1:15,000 | | |
| Drawing Title | Figure 5.6 - Operational Phase Receptors and Results | | | | |
| Drawing Number | HE540039-CJV-EAQ-SZP_EGNE0000000-DR-LE-50012 | | | | |
| Page 56 of 83 | | | | | |



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| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chkd | Apprv |
|-----|--------|------------|---------------------|-------|------|-------|
| P02 | S2 | 19/10/2022 | DCO Application | CD | MS | PM |

Legend

| | | | | | |
|------------------------------------|---|---|--|--------------------------------------|-----------------------------------|
| Route Alignment | Ancient Woodland (AW) | Ramsar Site (RAMSAR) | Veteran Tree | Perceptible decrease > AQS objective | Short-term AQS Objective Receptor |
| Order Limits | Local Nature Reserve (LNR) | Special Areas of Conservation (SAC) | Operational Human Receptors | Perceptible increase | Operational Ecological Receptors |
| District Borough Boundary | Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC) | Sites of Special Scientific Interest (SSSI) | Project Change in Annual Mean NO ₂ at Human Receptors | Perceptible increase > AQS objective | Ecological Receptor |
| Study Area | National Nature Reserve (NNR) | Roadside Nature Reserve (RNR) | Imperceptible change | Receptor Demolished with Project | Ecological Transects |
| Operational Modelled Road | | | Perceptible decrease | | |
| Air Quality Management Area (AQMA) | | | | | |

Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status: DCO Application

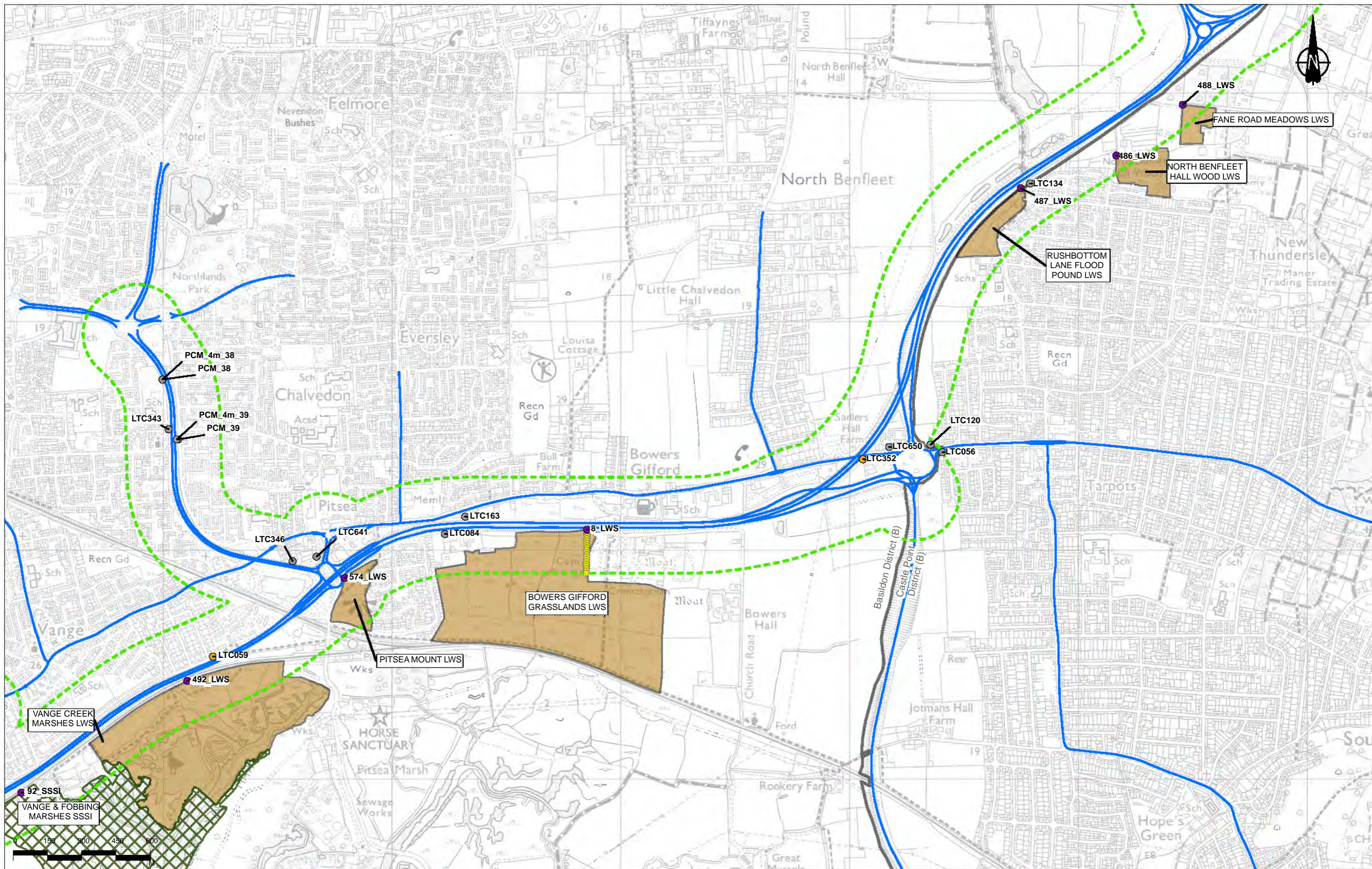
Application Document Number: TR010032/APP/6.2

Drawing Title: **Figure 5.6 - Operational Phase Receptors and Results**

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Drawing Number: HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50012

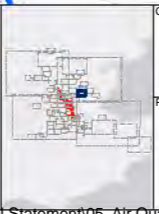
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| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chkd | Apprvd |
|-----|--------|------------|---------------------|-------|------|--------|
| P02 | S2 | 19/10/2022 | DCO Application | CD | MS | PM |

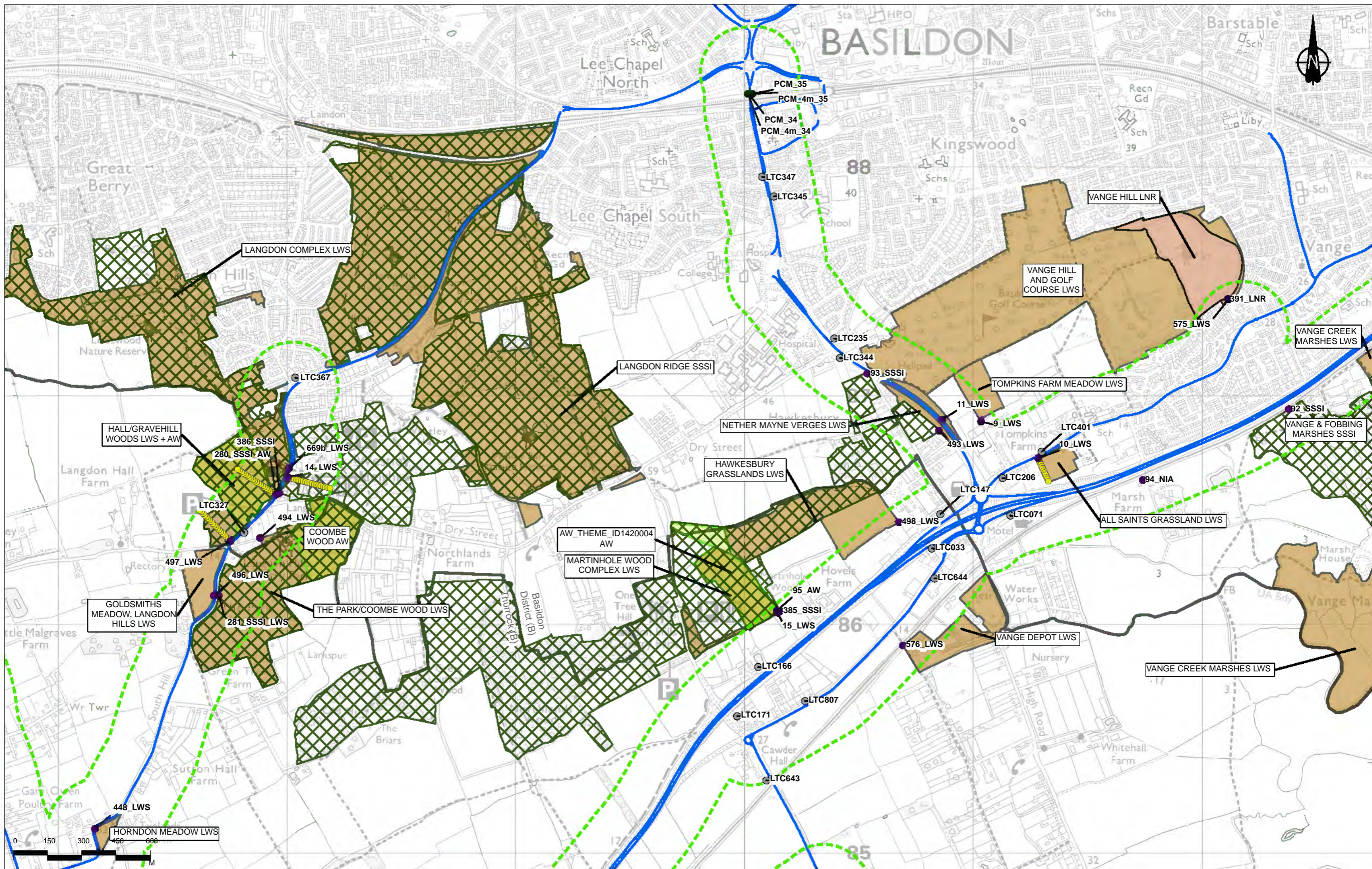
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|--------|---|
| | Route Alignment |
| | Order Limits |
| | District Borough Boundary |
| | Study Area |
| | Operational Modelled Road |
| | Air Quality Management Area (AQMA) |
| | Ancient Woodland (AW) |
| | Local Nature Reserve (LNR) |
| | Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC) |
| | National Nature Reserve (NNR) |
| | Ramsar Site (RAMSAR) |
| | Special Areas of Conservation (SAC) |
| | Sites of Special Scientific Interest (SSSI) |
| | Roadside Nature Reserve (RNR) |
| | Veteran Tree |
| | Operational Human Receptors |
| | Project Change in Annual Mean NO ₂ at Human Receptors |
| | Imperceptible change |
| | Perceptible decrease |
| | Perceptible decrease > AQS objective |
| | Perceptible increase |
| | Perceptible increase > AQS objective |
| | Receptor Demolished with Project |
| | Short-term AQS Objective Receptor |
| | Operational Ecological Receptors |
| | Ecological Receptor |
| | Epping Forest (SAC Gridded Receptor) |
| | Ecological Transects |



Client: **national highways**

Project: **LOWER THAMES CROSSING**

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|-----------------------------|--|---------------|----------|----------|-----|
| Status | DCO Application | Original Size | A3 | Revision | P02 |
| Application Document Number | TR010032/APP/6.2 | Scale | 1:15,000 | | |
| Drawing Title | Figure 5.6 - Operational Phase Receptors and Results | | | | |
| Drawing Number | HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50012 | | | | |
| Page 58 of 83 | | | | | |

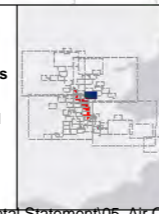


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| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chkd | Apprv |
|-----|--------|------------|---------------------|-------|------|-------|
| P02 | S2 | 19/10/2022 | DCO Application | CD | MS | PM |

Legend

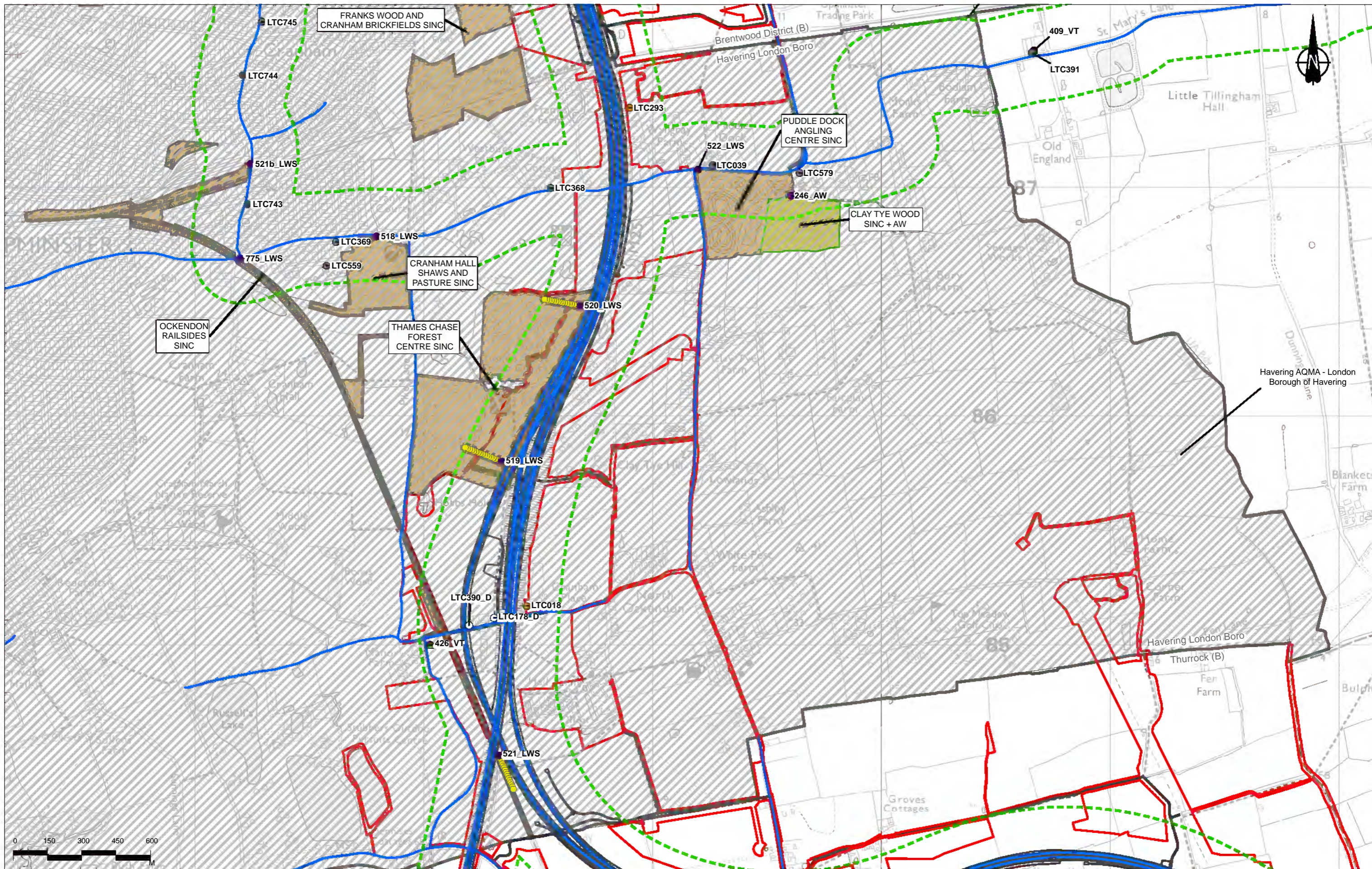
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|------------------------------------|---|---|--|--------------------------------------|--------------------------------------|
| Route Alignment | Ancient Woodland (AW) | Ramsar Site (RAMSAR) | Veteran Tree | Perceptible decrease > AQS objective | Short-term AQS Objective Receptor |
| Order Limits | Local Nature Reserve (LNR) | Special Areas of Conservation (SAC) | Operational Human Receptors | Perceptible increase | Ecological Receptor |
| District Borough Boundary | Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC) | Sites of Special Scientific Interest (SSSI) | Project Change in Annual Mean NO ₂ at Human Receptors | Perceptible increase > AQS objective | Epping Forest (SAC Gridded Receptor) |
| Study Area | National Nature Reserve (NNR) | Roadside Nature Reserve (RNR) | Imperceptible change | Receptor Demolished with Project | Ecological Transects |
| Operational Modelled Road | | | Perceptible decrease | | |
| Air Quality Management Area (AQMA) | | | | | |



Client: national highways

Project: LOWER THAMES CROSSING

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|-----------------------------|--|---------------|----------|----------|-----|
| Status | DCO Application | Original Size | A3 | Revision | P02 |
| Application Document Number | TR010032/APP/6.2 | Scale | 1:15,000 | | |
| Drawing Title | Figure 5.6 - Operational Phase Receptors and Results | | | | |
| | Page 59 of 83 | | | | |
| Drawing Number | HE540039-CJV-EAQ-SZP_EGNE0000000-DR-LE-50012 | | | | |



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| P02 | S2 | 19/10/2022 | DCO Application | CD | MS | PM |
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| Rev | Status | Rev. Date | Purpose of revision | Drawn | Chkd | Apprv |

| | | | | | |
|------------------------------------|---|---|--|--------------------------------------|--------------------------------------|
| Route Alignment | Ancient Woodland (AW) | Ramsar Site (RAMSAR) | Veteran Tree | Perceptible decrease > AQS objective | Short-term AQS Objective Receptor |
| Order Limits | Local Nature Reserve (LNR) | Special Areas of Conservation (SAC) | Operational Human Receptors | Perceptible increase | Ecological Receptor |
| District Borough Boundary | Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC) | Sites of Special Scientific Interest (SSSI) | Project Change in Annual Mean NO ₂ at Human Receptors | Perceptible increase > AQS objective | Epping Forest (SAC Gridded Receptor) |
| Study Area | National Nature Reserve (NNR) | Roadside Nature Reserve (RNR) | Imperceptible change | Receptor Demolished with Project | Ecological Transects |
| Operational Modelled Road | | | Perceptible decrease | | |
| Air Quality Management Area (AQMA) | | | | | |

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Client: DCO Application

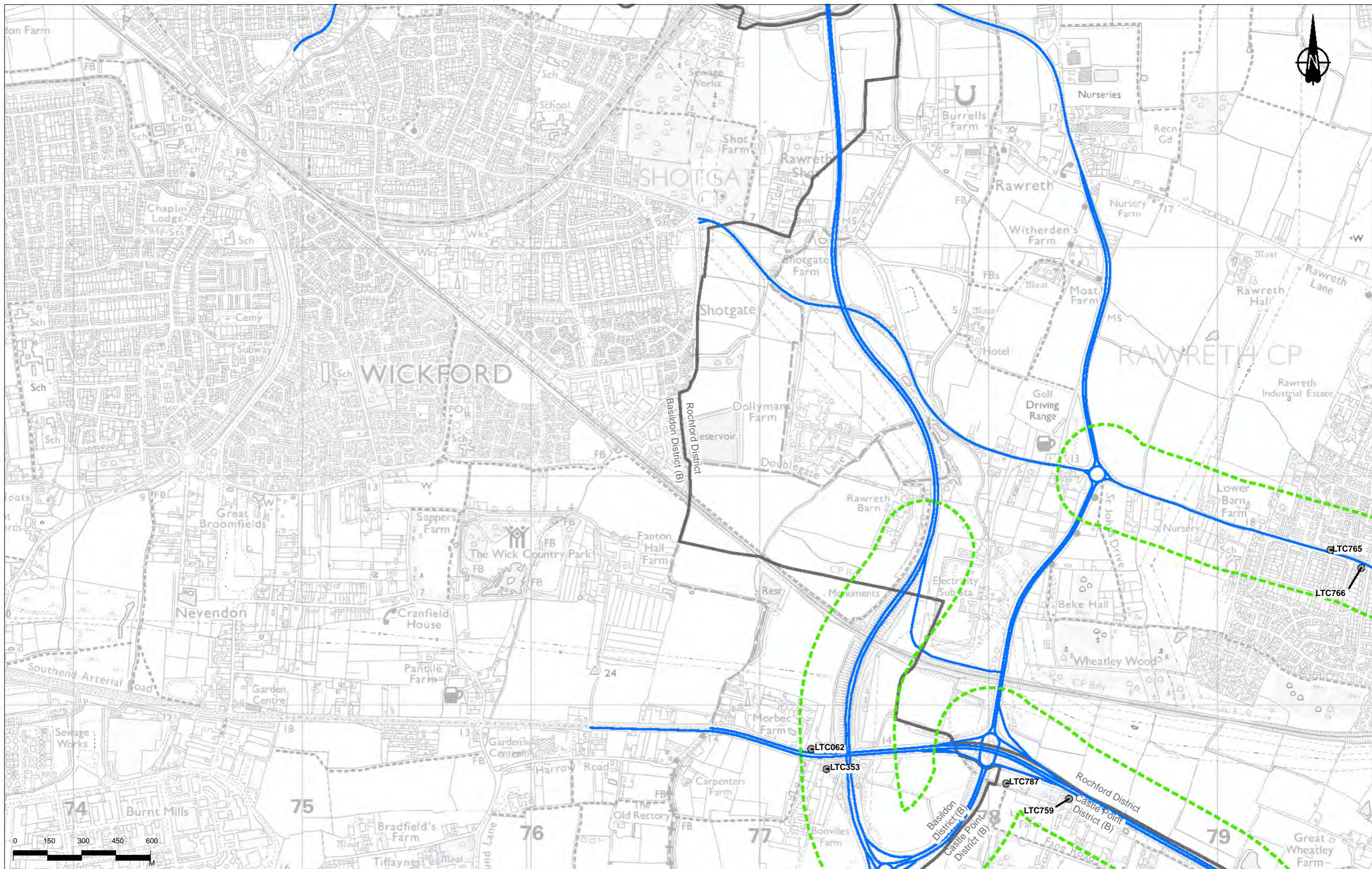
Application Document Number: TR010032/APP/6.2

Drawing Title: Figure 5.6 - Operational Phase Receptors and Results

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Drawing Number: HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50012

Original Size: A3, Revision: P02, Scale: 1:15,000



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| 02 | S2 | 19/10/2022 | DCO Application | CD MS PM |
| Rev | Status | Rev. Date | Purpose of revision | Drawn Chkd Apprv |

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|--|------------------------------------|
| | Route Alignment |
| | Order Limits |
| | District Borough Boundary |
| | Study Area |
| | Operational Modelled Road |
| | Air Quality Management Area (AQMA) |

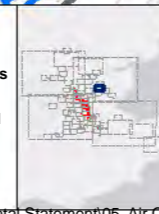
| | |
|--|---|
| | Ancient Woodland (AW) |
| | Local Nature Reserve (LNR) |
| | Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC) |
| | National Nature Reserve (NNR) |

| | |
|--|---|
| | Ramsar Site (RAMSAR) |
| | Special Areas of Conservation (SAC) |
| | Sites of Special Scientific Interest (SSSI) |
| | Roadside Nature Reserve (RNR) |

| | |
|--|--|
| | Veteran Tree |
| | Operational Human Receptors |
| | Project Change in Annual Mean NO ₂ at Human Receptors |
| | Imperceptible change |
| | Perceptible decrease |

| | |
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| | Perceptible decrease > AQS objective |
| | Perceptible increase |
| | Perceptible increase > AQS objective |
| | Receptor Demolished with Project |

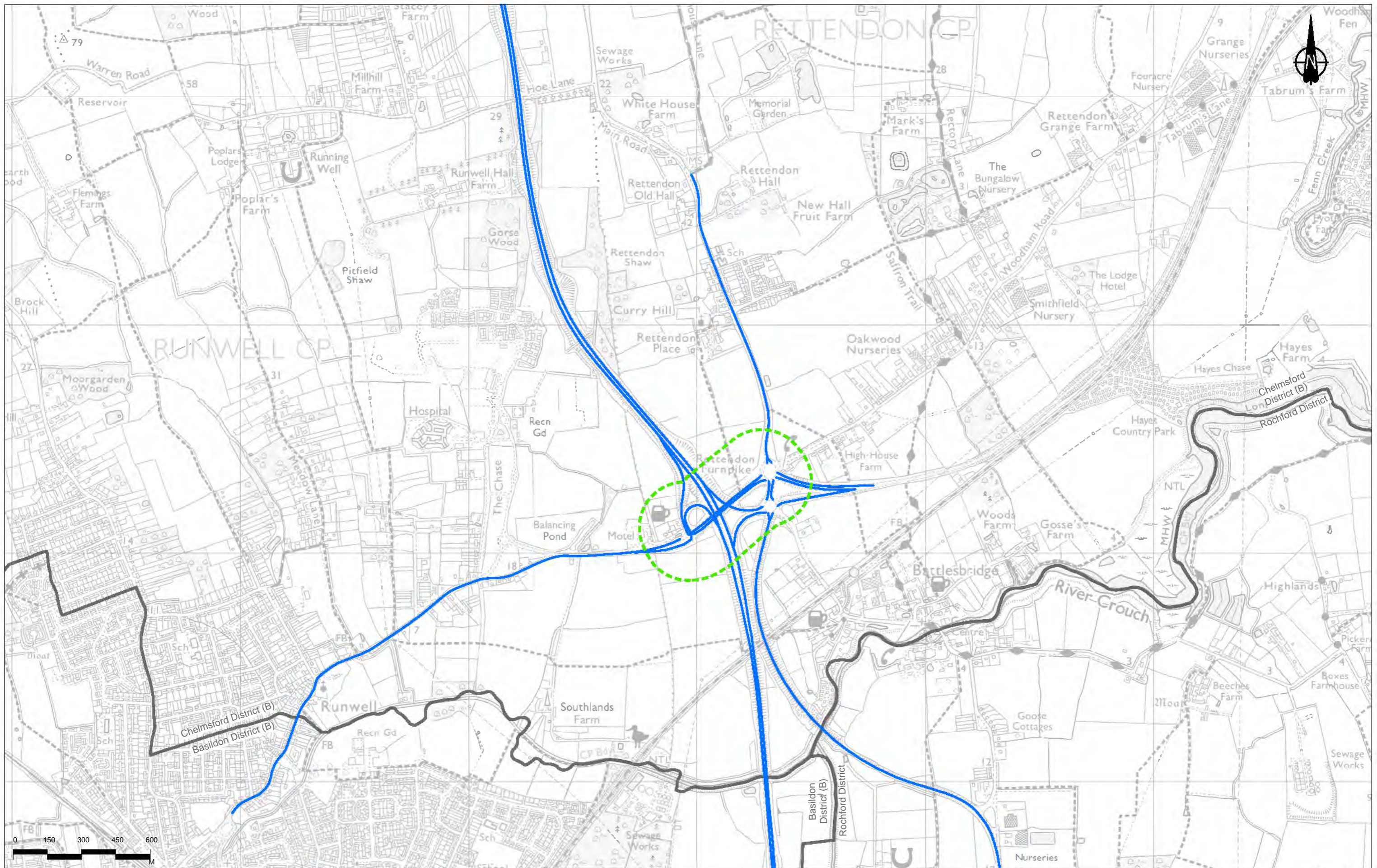
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| | Short-term AQS Objective Receptor |
| | Operational Ecological Receptors |
| | Ecological Receptor |
| | Epping Forest (SAC Gridded Receptor) |
| | Ecological Transects |



Client: national highways

Project: LOWER THAMES CROSSING

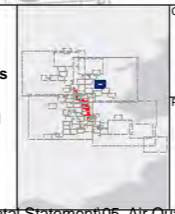
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| Status | DCO Application | Original Size | A3 | Revision | P02 |
| Application Document Number | TR010032/APP/6.2 | Scale | 1:15,000 | | |
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| Drawing Number | HE540039-CJV-EAQ-SZP_EGNE0000000-DR-LE-50012 | | | | |



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| P02 | S2 | 19/10/2022 | DCO Application | CD | MS | PM |
| Rev | Status | Rev. Date | Purpose of revision | Drawn | Checked | Approved |

| Legend | |
|--------|---|
| | Route Alignment |
| | Order Limits |
| | District Borough Boundary |
| | Study Area |
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Client: **national highways**

Project: **LOWER THAMES CROSSING**

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Registered office Bridge House, 1 Walnut Tree Close, Guildford GU1 4LZ

National Highways Company Limited registered in England and Wales number 09346363