

# Lower Thames Crossing

## 6.2 Environmental Statement Figures

### Figure 5.6 - Operational Phase Receptors and Results (2 of 4)

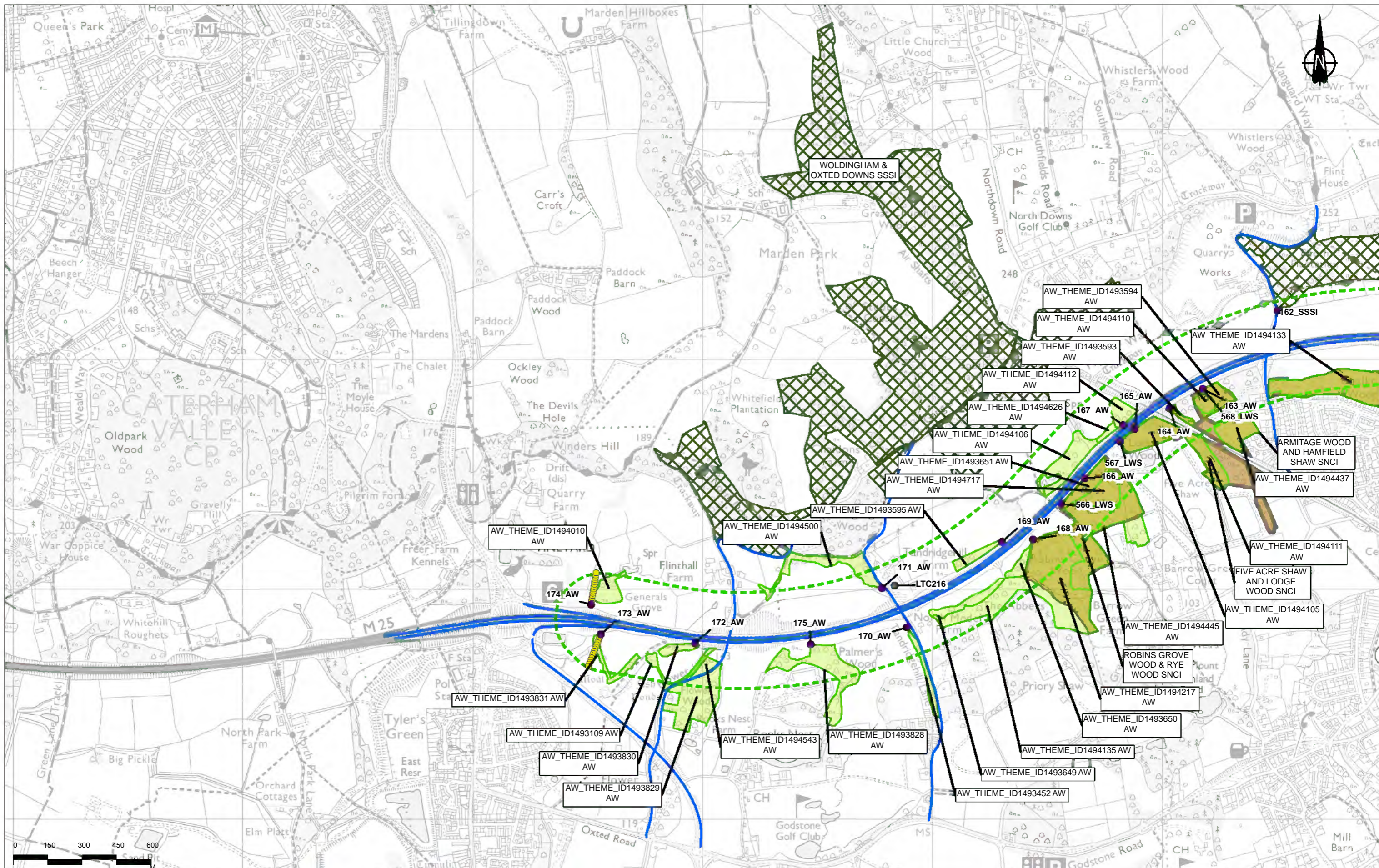
APFP Regulation 5(2)(a)  
Infrastructure Planning  
(Applications: Prescribed Forms and Procedure)  
Regulations 2009  
Volume 6

**DATE:** October 2022

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

**VERSION:** 1.0

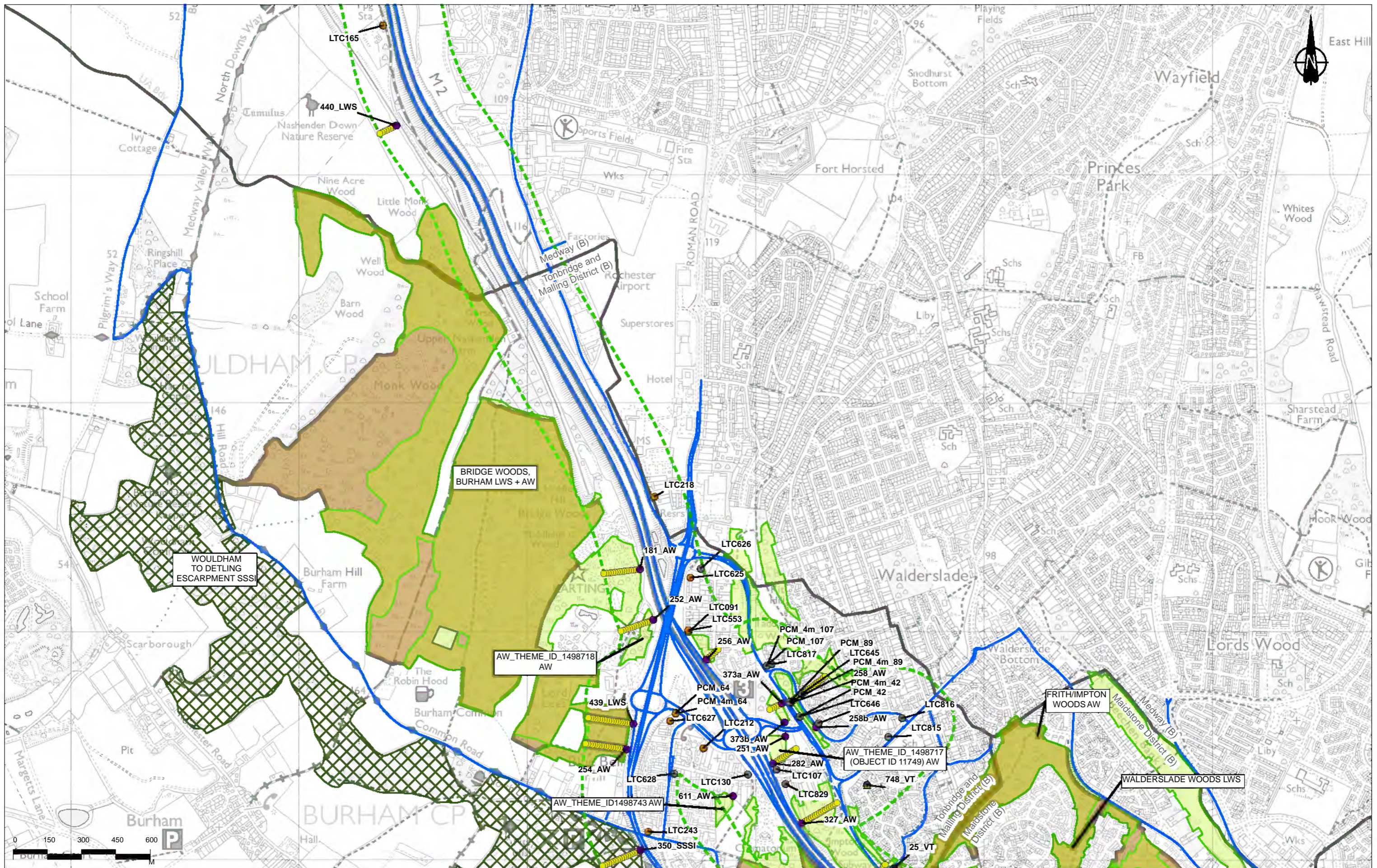




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Meters				

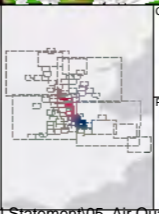
<p><b>Legend</b></p> <ul style="list-style-type: none"> <li>Route Alignment</li> <li>Order Limits</li> <li>District Borough Boundary</li> <li>Study Area</li> <li>Operational Modelled Road</li> <li>Air Quality Management Area (AQMA)</li> </ul>	<ul style="list-style-type: none"> <li>Ancient Woodland (AW)</li> <li>Local Nature Reserve (LNR)</li> <li>Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)</li> <li>National Nature Reserve (NNR)</li> </ul>	<ul style="list-style-type: none"> <li>Ramsar Site (RAMSAR)</li> <li>Special Areas of Conservation (SAC)</li> <li>Sites of Special Scientific Interest (SSSI)</li> <li>Roadside Nature Reserve (RNR)</li> </ul>	<ul style="list-style-type: none"> <li>Veteran Tree</li> <li>Operational Human Receptors</li> <li>Project Change in Annual Mean NO<sub>2</sub> at Human Receptors</li> <li>Imperceptible change</li> <li>Perceptible decrease</li> </ul>	<ul style="list-style-type: none"> <li>Perceptible decrease &gt; AQS objective</li> <li>Perceptible increase</li> <li>Perceptible increase &gt; AQS objective</li> <li>Receptor Demolished with Project</li> </ul>	<ul style="list-style-type: none"> <li>Short-term AQS Objective Receptor</li> <li>Operational Ecological Receptors</li> <li>Ecological Receptor</li> <li>Epping Forest (SAC Gridded Receptor)</li> <li>Ecological Transects</li> </ul>	<p>Client: national highways</p> <p>Project: LOWER THAMES CROSSING</p>	<p>Status: DCO Application</p> <p>Application Document Number: TR010032/APP/6.2</p> <p>Drawing Title: Figure 5.6 - Operational Phase Receptors and Results</p> <p>Page 22 of 83</p> <p>Drawing Number: HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50012</p>
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0	150	300	450	600
Meters				

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 <sub>2</sub> 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

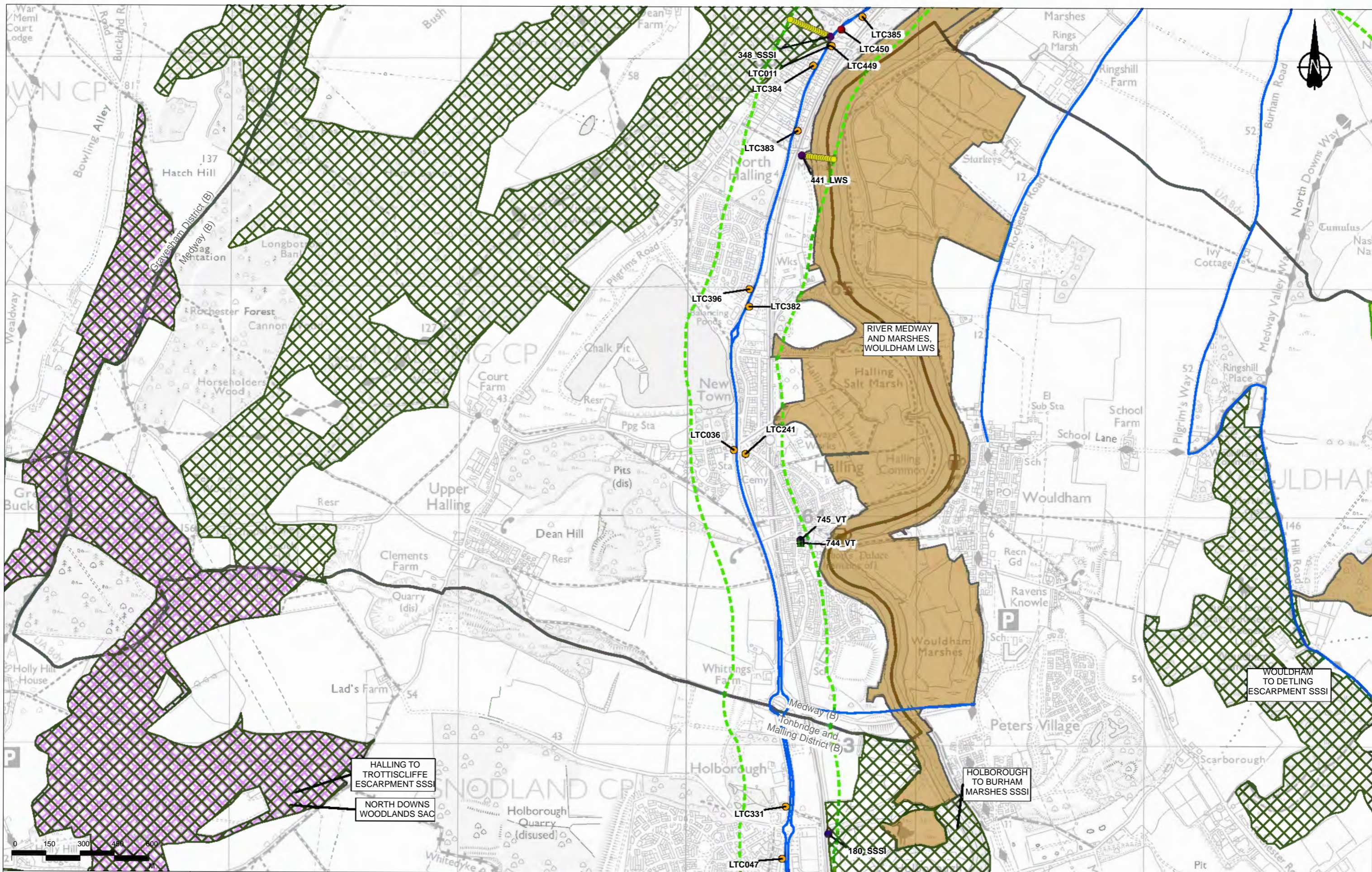


**national highways**

**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				
Drawing Number	HE540039-CJV-EAQ-SZP_EGNE0000000-DR-LE-50012				





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Rev	Status	Rev. Date	Purpose of revision	Drawn	Check	Apprv
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 <sub>2</sub> 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

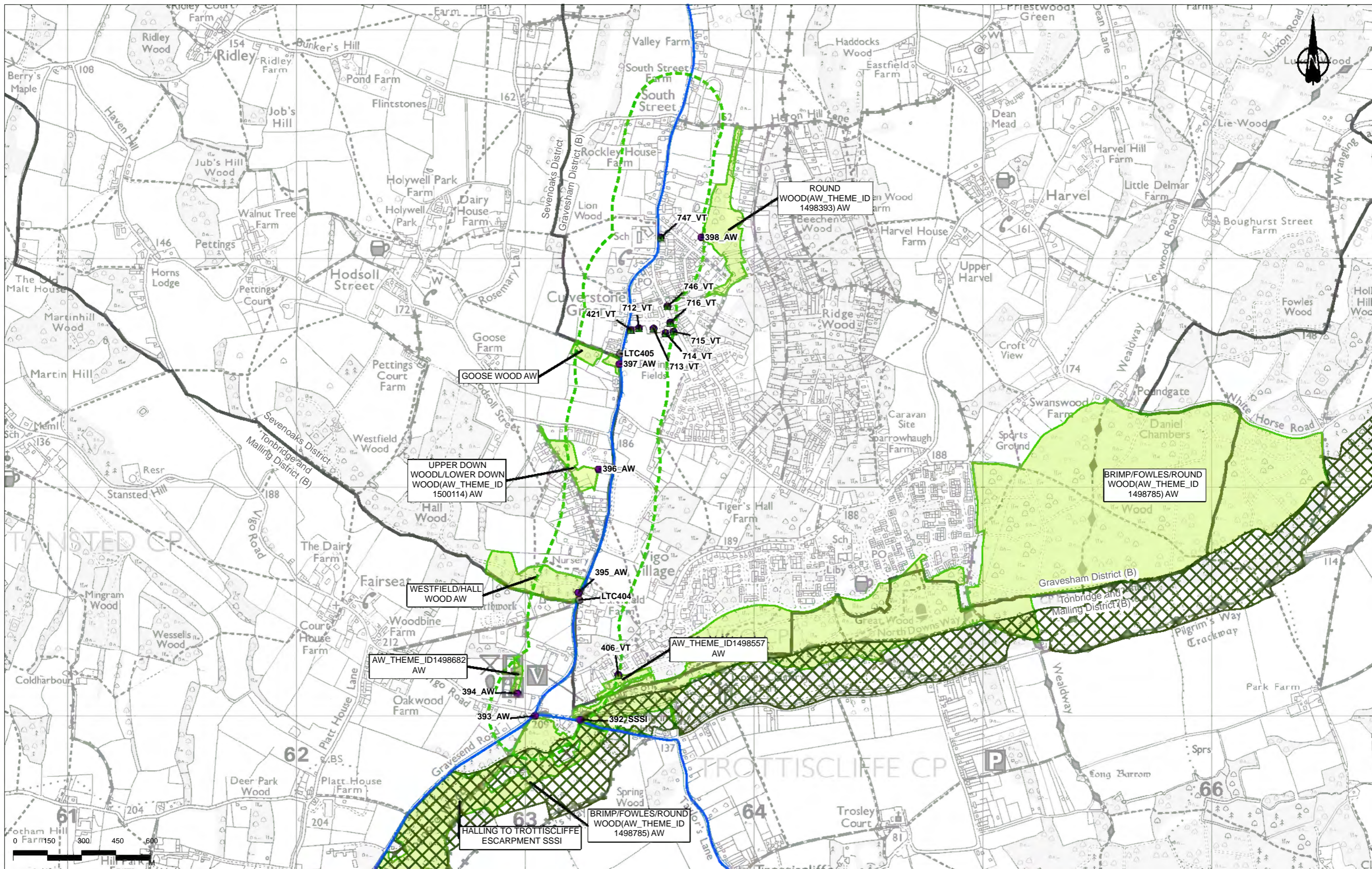
Client:

Project:

Status	DCO Application	Original Size	A3
Application Document Number	TR010032/APP/6.2	Revision	P02
Drawing Title	Figure 5.6 - Operational Phase Receptors and Results		
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

**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)	<b>Operational Human Receptors</b>	Perceptible increase	<b>Operational Ecological Receptors</b>
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 <sub>2</sub> 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	Epping Forest (SAC Gridded Receptor)
Operational Modelled Road			Perceptible decrease	Ecological Transects	
Air Quality Management Area (AQMA)					

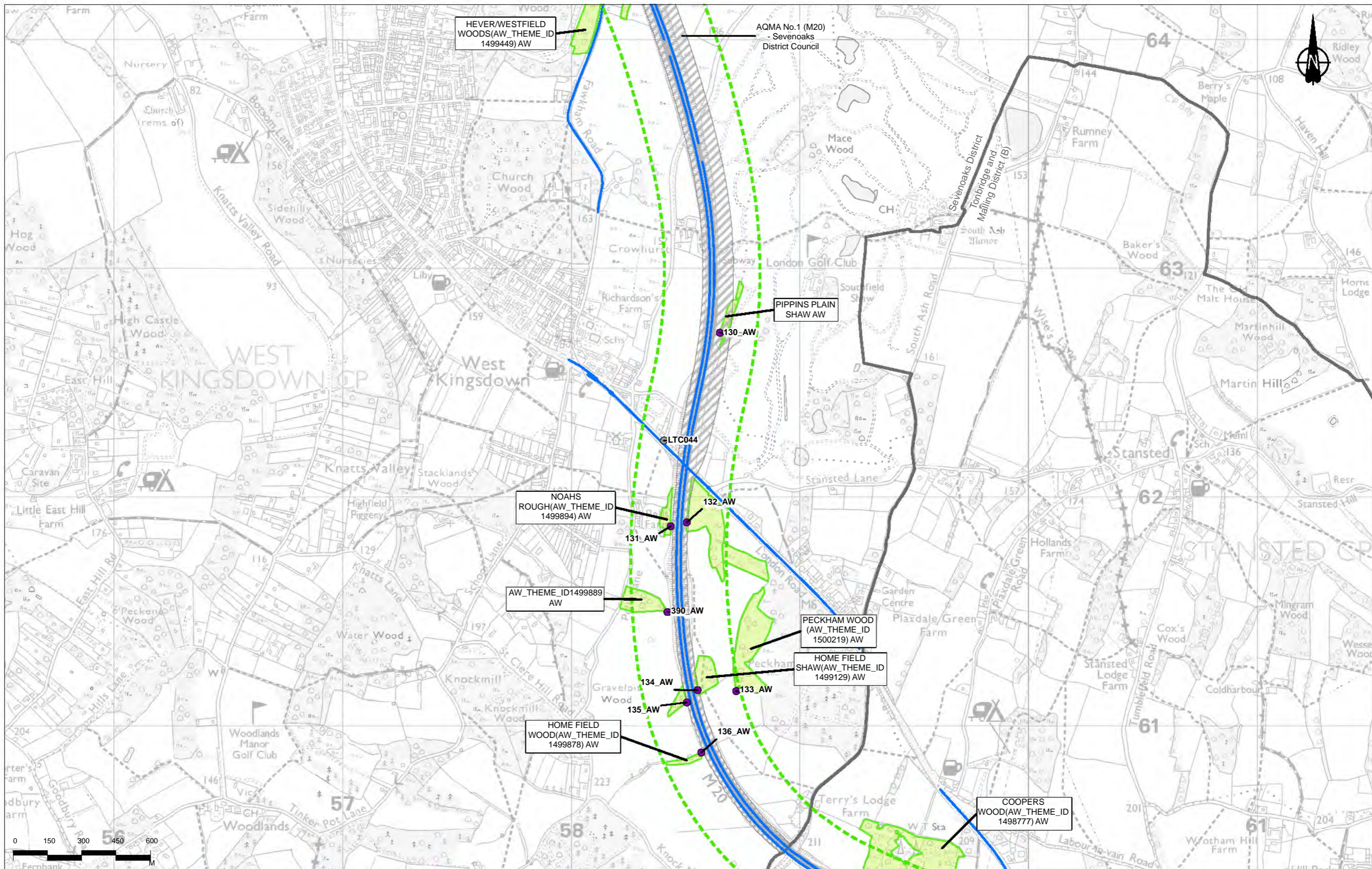


**national highways**

**LOWER THAMES CROSSING**

Status	DCO Application	Original Size	A3
Application Document Number	TR010032/APP/6.2	Revision	P02
Drawing Title	Figure 5.6 - Operational Phase Receptors and Results		
Page	Page 25 of 83		
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PO2	S2	19/10/2022	DCO Application	CD	MS	PM
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

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

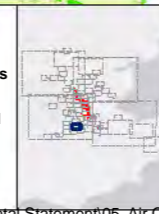
	Ancient Woodland (AW)
	Local Nature Reserve (LNR)
	Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)
	National Nature Reserve (NNR)

	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 NO2 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

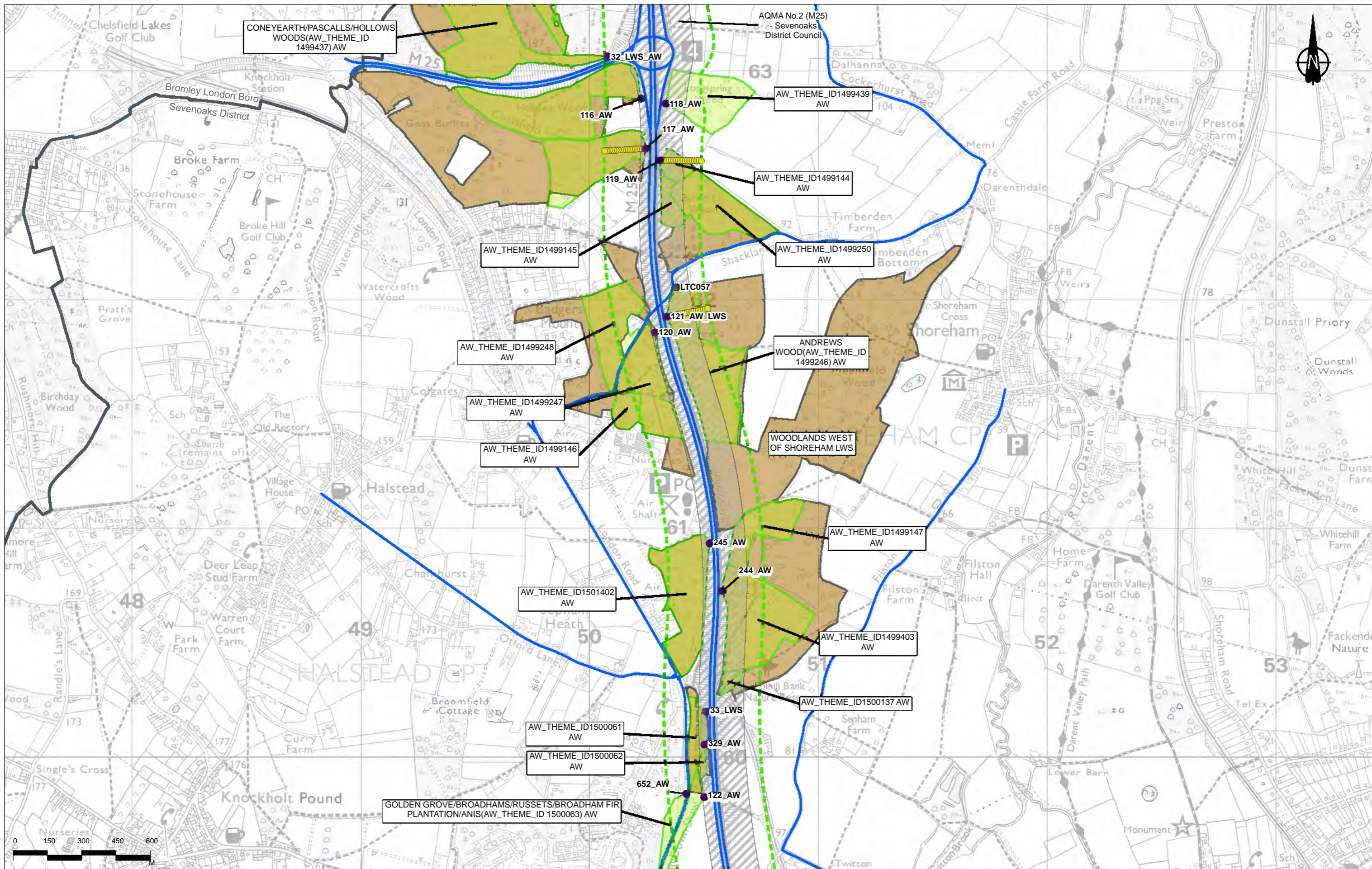


Client: national highways

Project: LOWER THAMES CROSSING

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 26 of 83		
Drawing Number	HE540039-CJV-EAQ-SZP_EGNE0000000-DR-LE-50012		

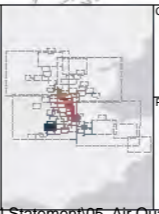




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PO2	S2	19/10/2022	DCO Application	CD	MS	PM
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

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

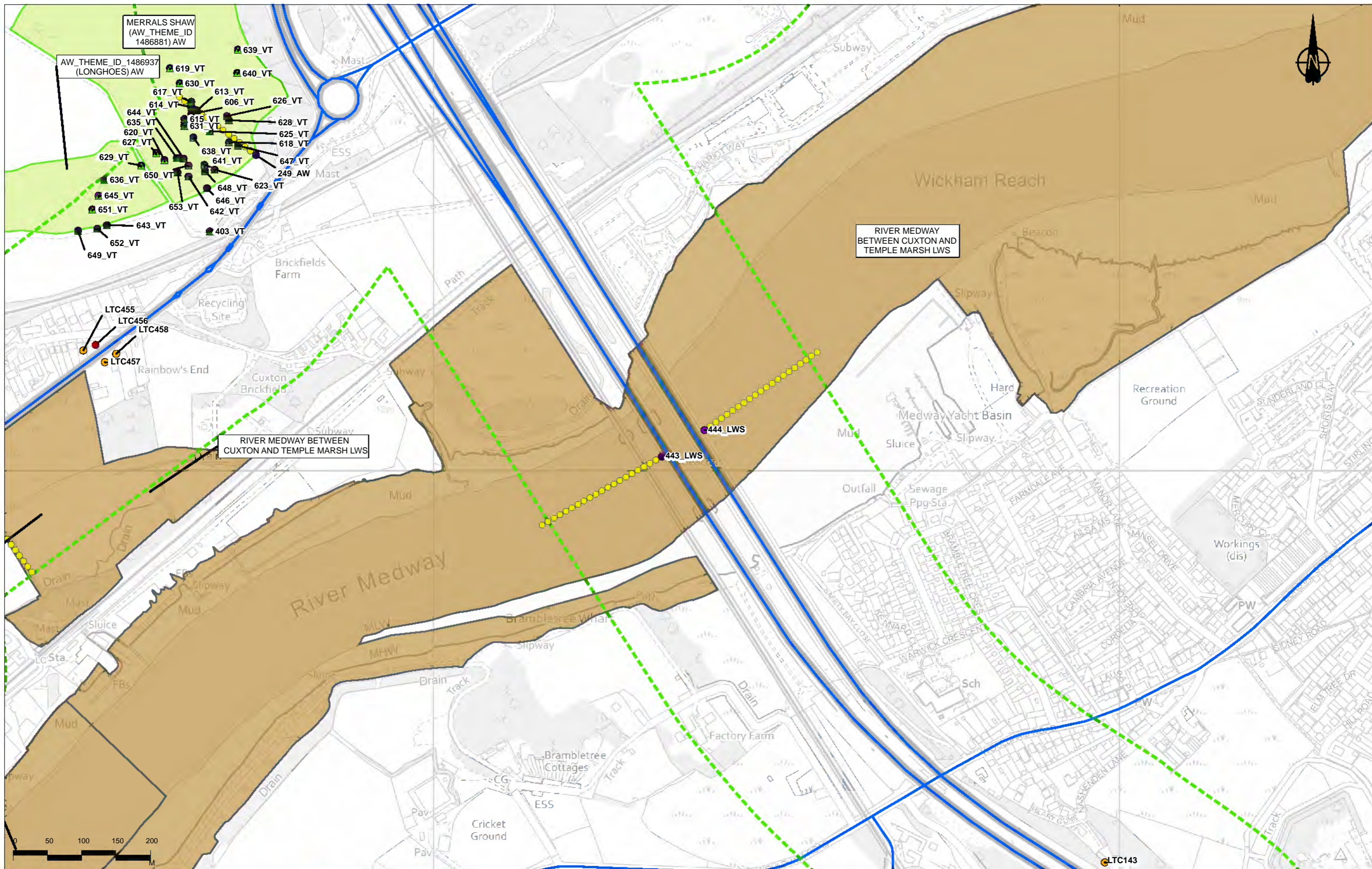


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**LOWER THAMES CROSSING**

Status	DCO Application	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:15,000		
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PO2	S2	19/10/2022	DCO Application	CD	MS	PM
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

	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 <sub>2</sub> 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

Status	DCO Application	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:5,000		
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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		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)

**Operational Human Receptors**

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

**Operational Ecological Receptors**

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

**Operational Human Receptors**

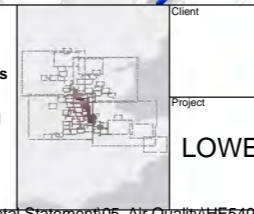
	Veteran Tree
	Project Change in Annual Mean NO <sub>2</sub> at Human Receptors
	Imperceptible change
	Perceptible decrease

**Operational Ecological Receptors**

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

**Operational Human Receptors**

	Veteran Tree
	Project Change in Annual Mean NO <sub>2</sub> at Human Receptors
	Imperceptible change
	Perceptible decrease

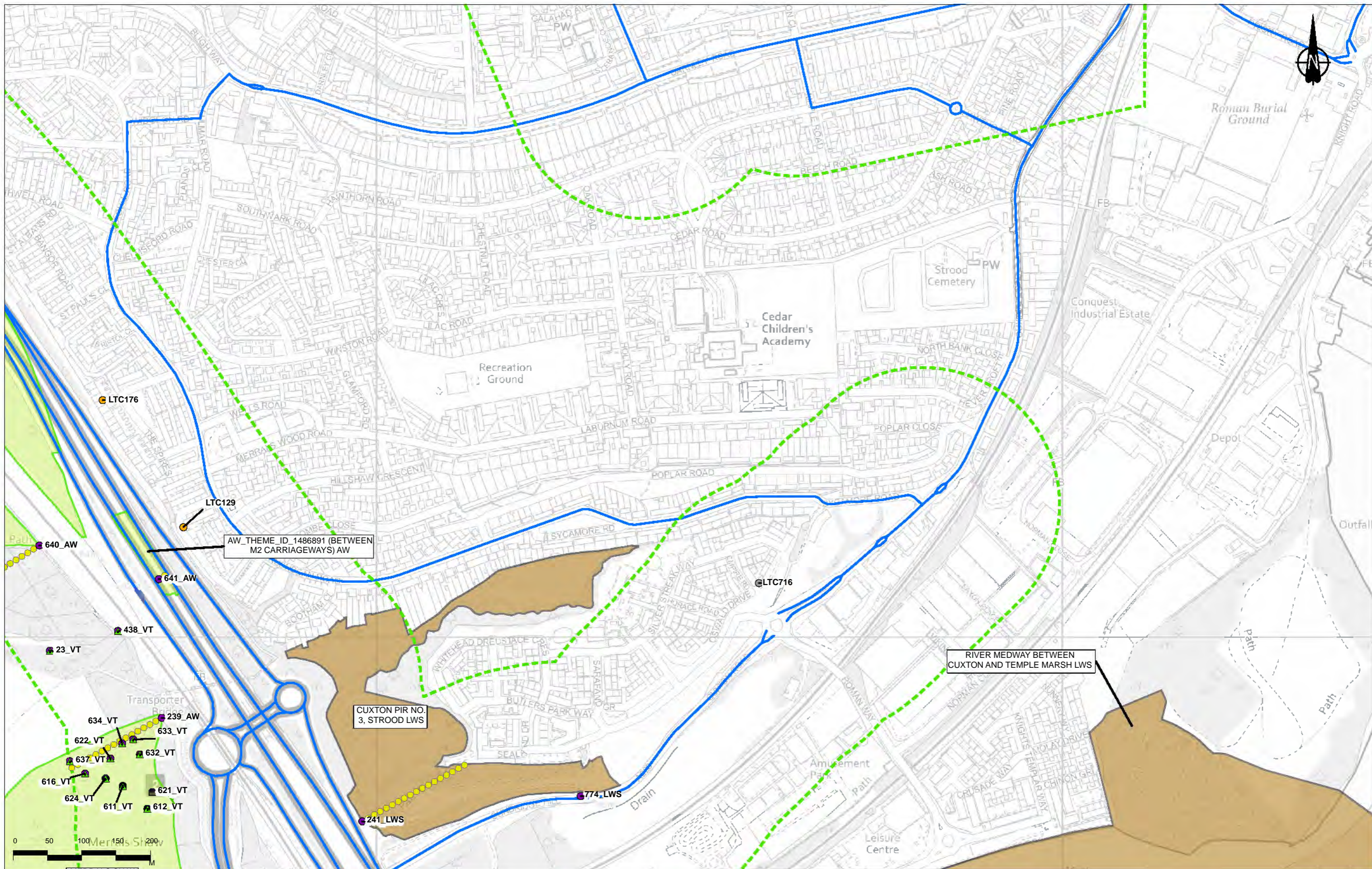


Client: **national highways**

Project: **LOWER THAMES CROSSING**

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		
Drawing Number	HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50012		
Scale	1:5,000		
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P02	S2	19/10/2022	DCO Application	CD	MS	PM
Rev	Status	Rev. Date	Purpose of revision	Drawn	Checked	Approved

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

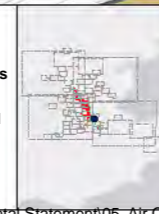
	Veteran Tree
	Operational Human Receptors
	Project Change in Annual Mean NO <sub>2</sub> at Human Receptors
	Imperceptible change
	Perceptible decrease
	Perceptible decrease > AQS objective
	Perceptible increase
	Perceptible increase > AQS objective
	Receptor Demolished with Project

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

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

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

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

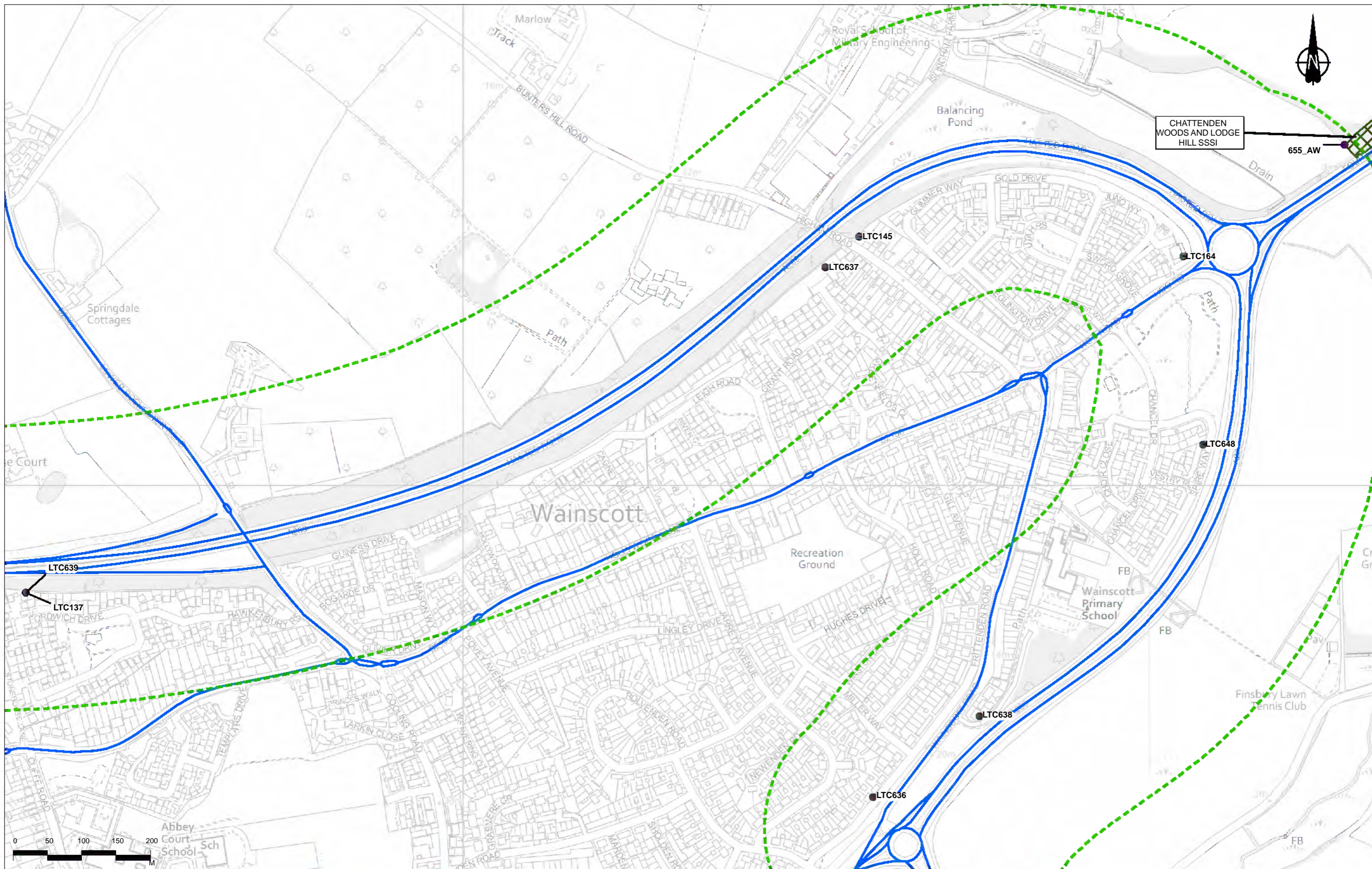


Client: national highways

Project: LOWER THAMES CROSSING

Status	DCO Application	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:5,000		
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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)		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)				

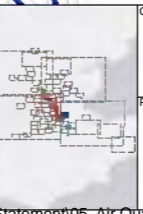
	Veteran Tree		Perceptible decrease > AQS objective		Short-term AQS Objective Receptor
	Operational Human Receptors		Perceptible increase		Operational Ecological Receptors
	Project Change in Annual Mean NO <sub>2</sub> at Human Receptors		Perceptible increase > AQS objective		Ecological Receptor
	Imperceptible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

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

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

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

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

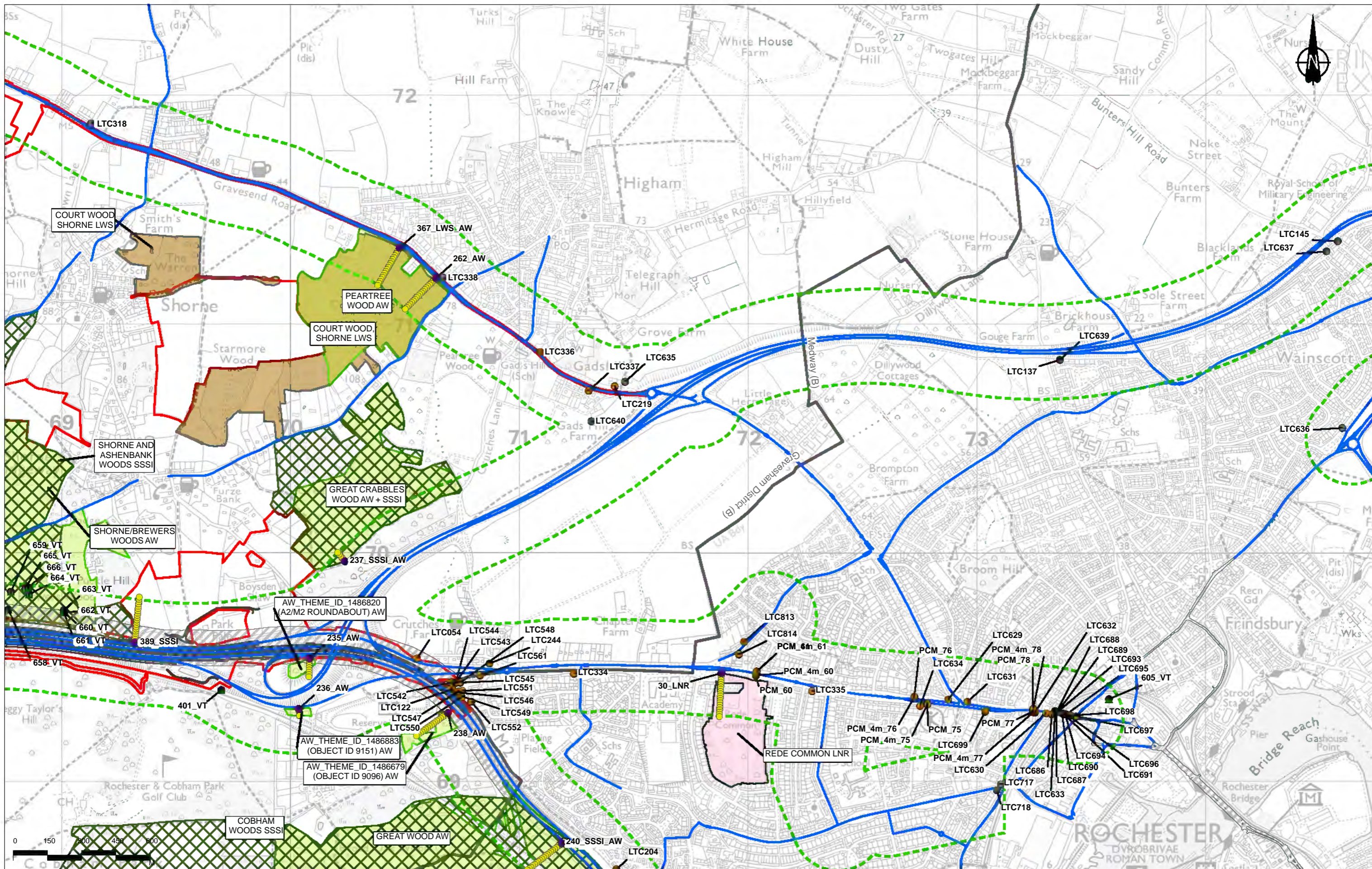


Client:

Project: LOWER THAMES CROSSING

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Application Document Number	TR010032/APP/6.2	Scale	1:5,000		
Drawing Title	Figure 5.6 - Operational Phase Receptors and Results				
	Page 31 of 83				
Drawing Number	HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50012				





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)

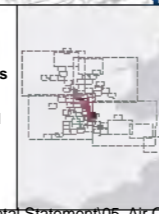
	Ancient Woodland (AW)
	Local Nature Reserve (LNR)
	Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)
	National Nature Reserve (NNR)

	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 <sub>2</sub> 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

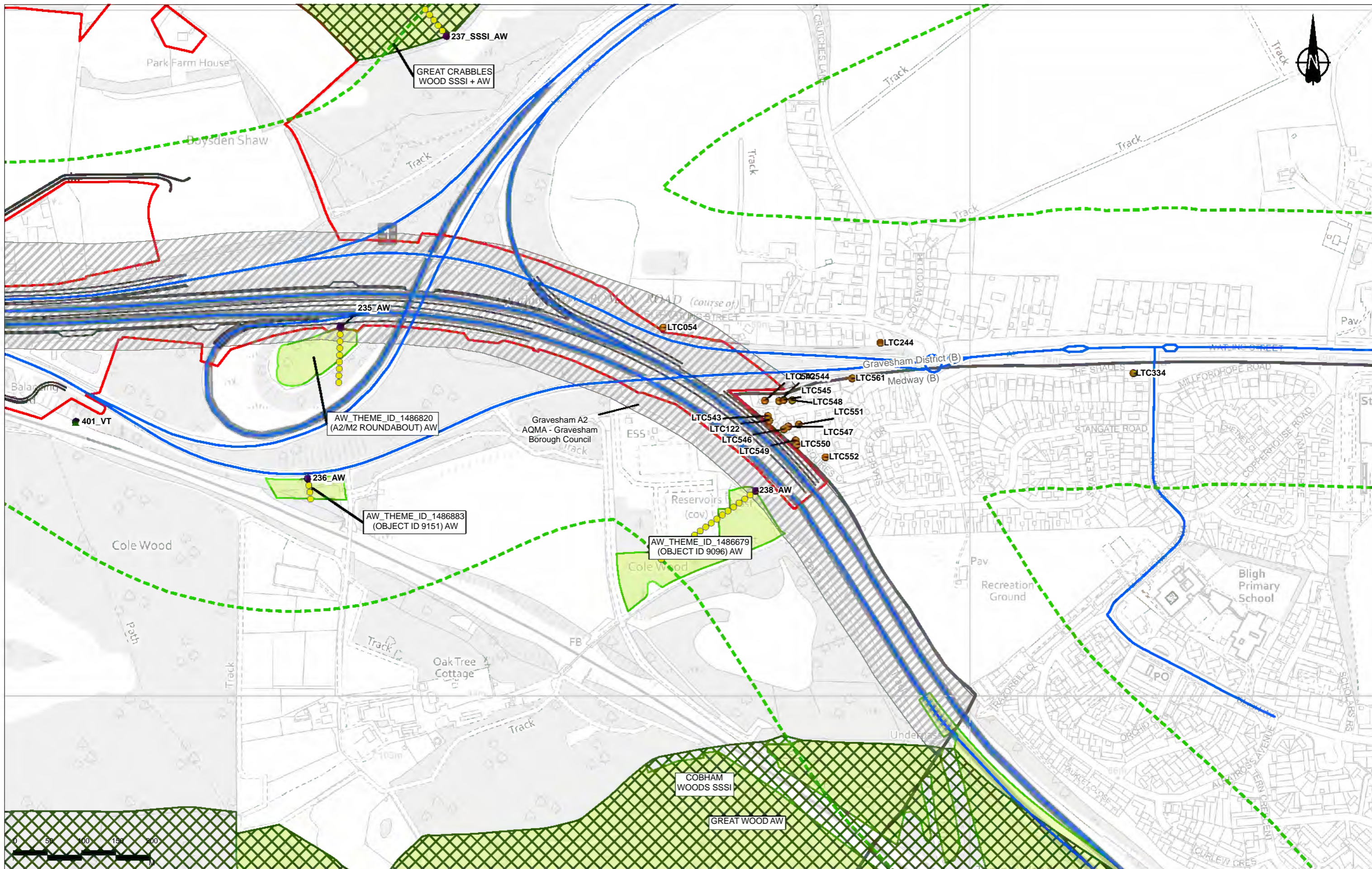


Client: national highways

Project: LOWER THAMES CROSSING

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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)		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 <sub>2</sub> 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)										

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

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

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

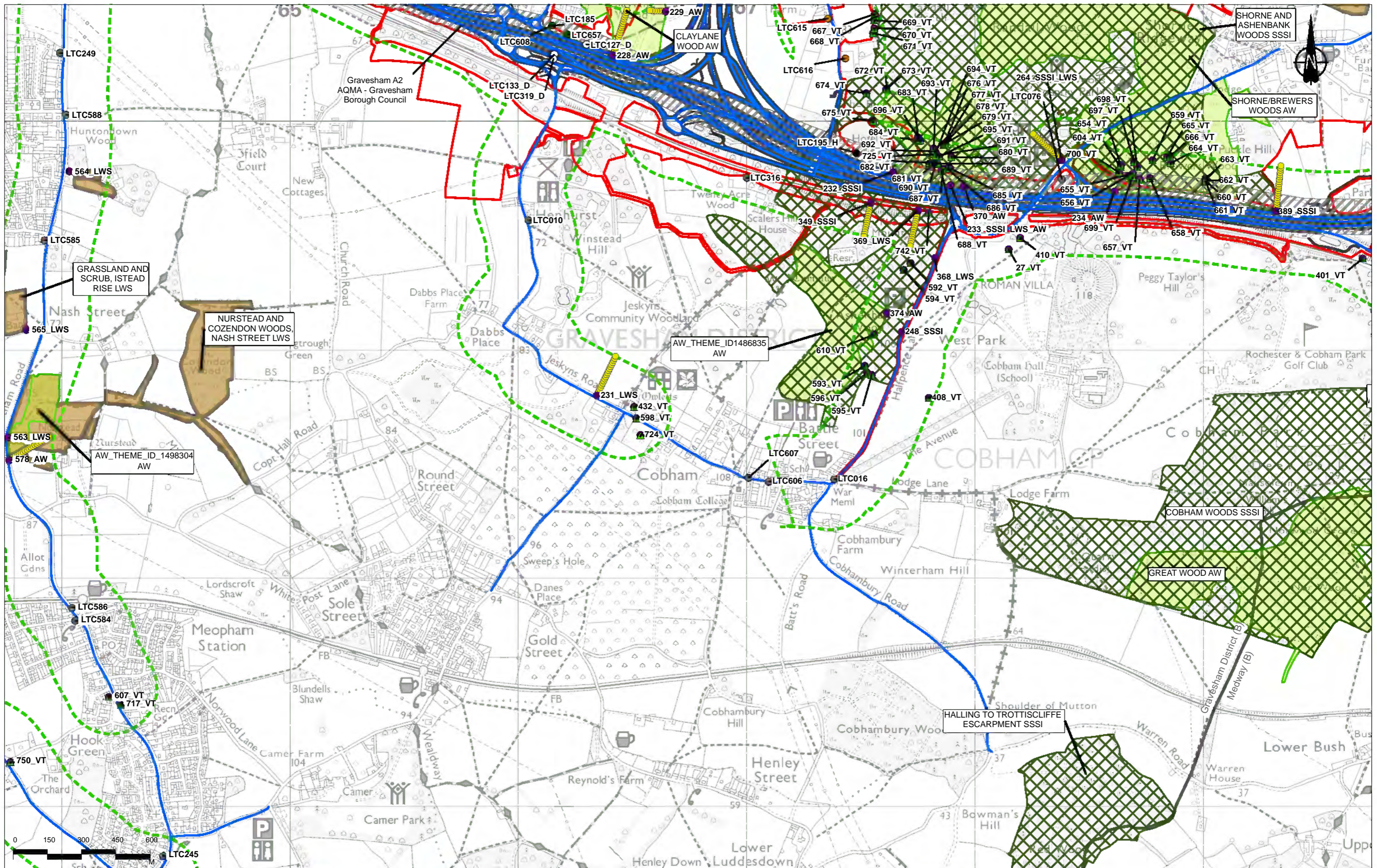


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Client: **LOWER THAMES CROSSING**

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Drawing Title	Figure 5.6 - Operational Phase Receptors and Results				
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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
  - 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<sub>2</sub> 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

- Gravesham A2 AQMA - Gravesham Borough Council
- Grassland and Scrub, Instead Rise LWS
- Nurstead and Cozendon Woods, Nash Street LWS
- AW\_THEME\_ID\_1498304 AW
- AW\_THEME\_ID\_1486835 AW
- Gravesham District
- Cobham District
- Gravesham District (B)
- Medway (B)

- Gravesham A2 AQMA - Gravesham Borough Council
- Grassland and Scrub, Instead Rise LWS
- Nurstead and Cozendon Woods, Nash Street LWS
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- AW\_THEME\_ID\_1486835 AW
- Gravesham District
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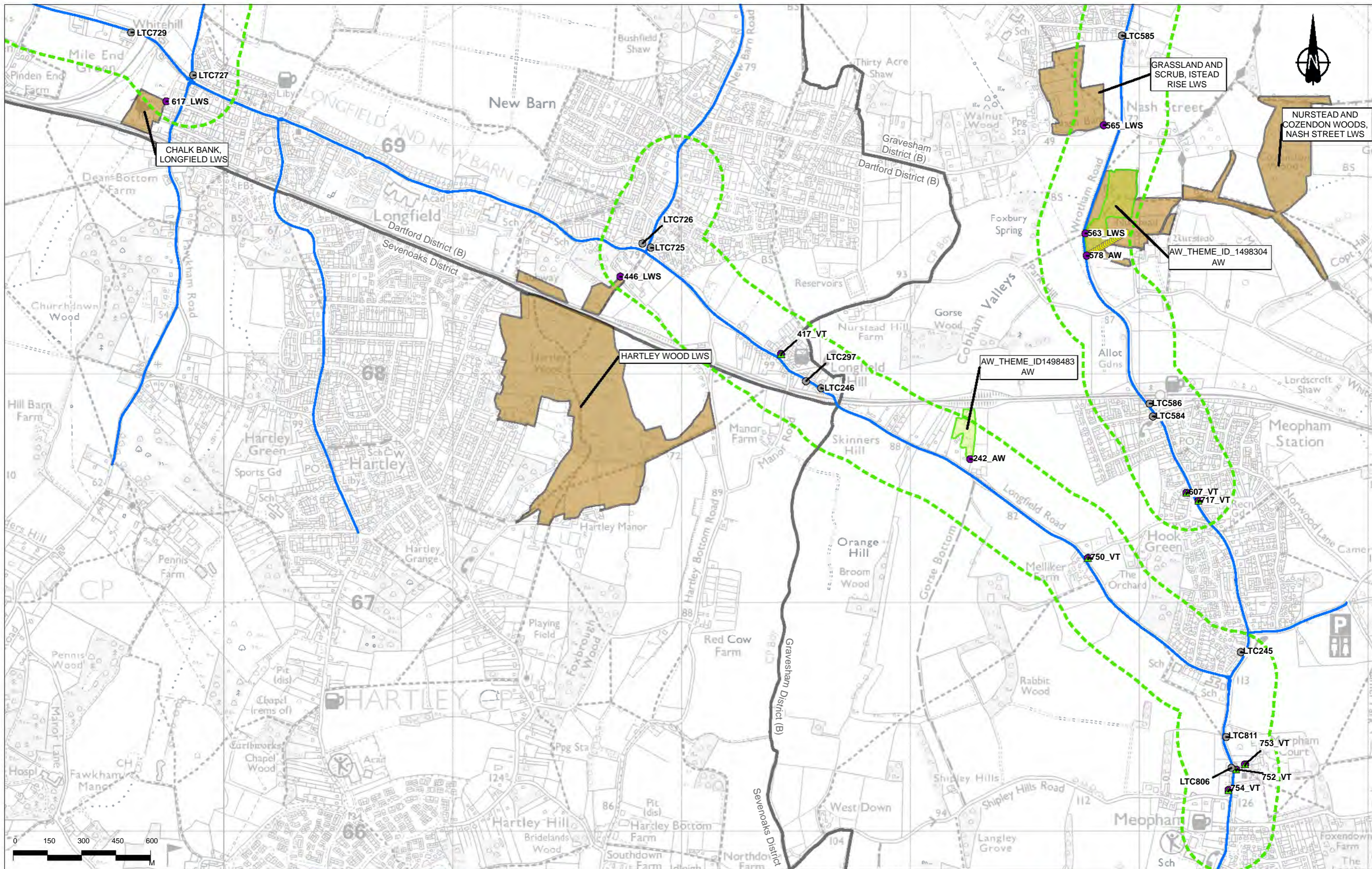
- Gravesham A2 AQMA - Gravesham Borough Council
- Grassland and Scrub, Instead Rise LWS
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- Gravesham District (B)
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LOWER THAMES CROSSING		Project	
Status: DCO Application		Original Size: A3	
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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd
P02	S2	19/10/2022	DCO Application	CD	MS	PM

Legend	
	Route Alignment
	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 <sub>2</sub> 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

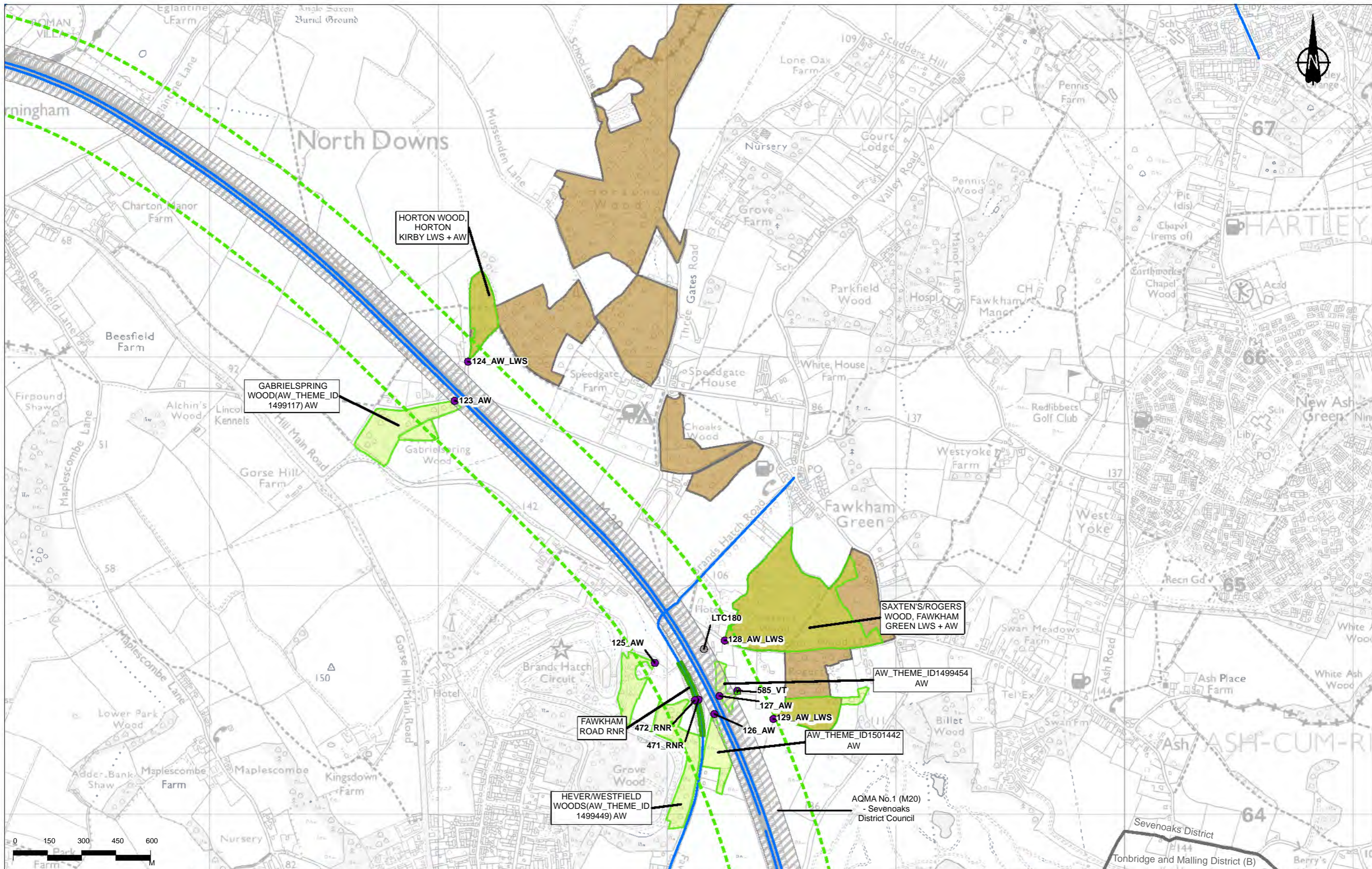


Client: national highways

Project: LOWER THAMES CROSSING

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				





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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 <sub>2</sub> 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)					

Legend	Legend	Legend	Legend

Legend	Legend	Legend	Legend

Legend	Legend	Legend	Legend

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Legend	Legend	Legend	Legend

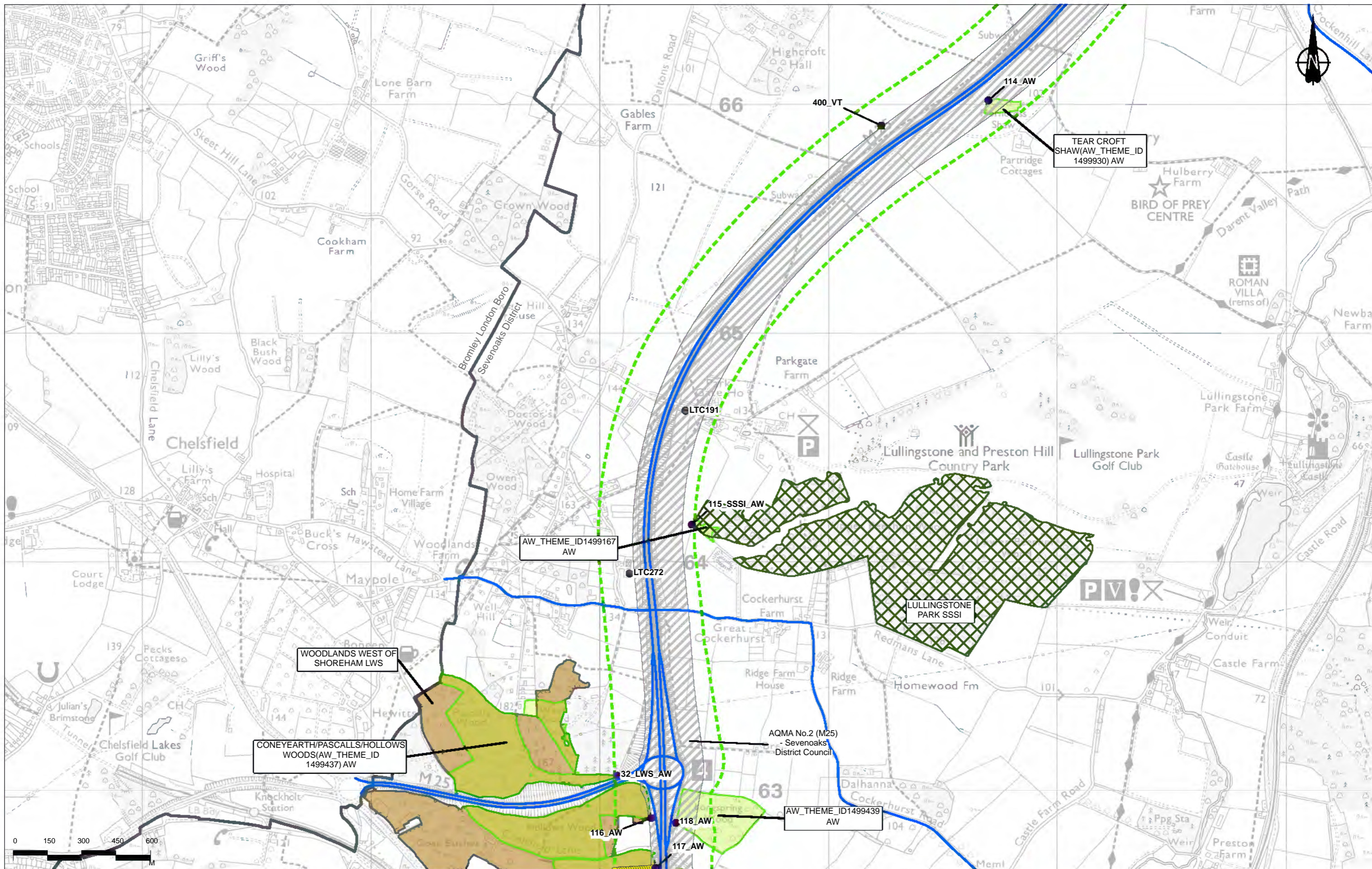
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LOWER THAMES CROSSING

Status	DCO Application	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:15,000		
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P02	S2	19/10/2022	DCO Application	CD	MS	PM

**Legend**

	Route Alignment		Ancient Woodland (AW)		Veteran Tree
	Order Limits		Local Nature Reserve (LNR)		Operational Human Receptors
	District Borough Boundary		Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)		Project Change in Annual Mean NO2 at Human Receptors
	Study Area		Ramsar Site (RAMSAR)		Imperceptible change
	Operational Modelled Road		Special Areas of Conservation (SAC)		Perceptible decrease
	Air Quality Management Area (AQMA)		Sites of Special Scientific Interest (SSSI)		Perceptible increase > AQS objective
			Roadside Nature Reserve (RNR)		Perceptible increase > AQS objective
					Receptor Demolished with Project

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

	AQMA No.2 (M25) - Sevenoaks District Council
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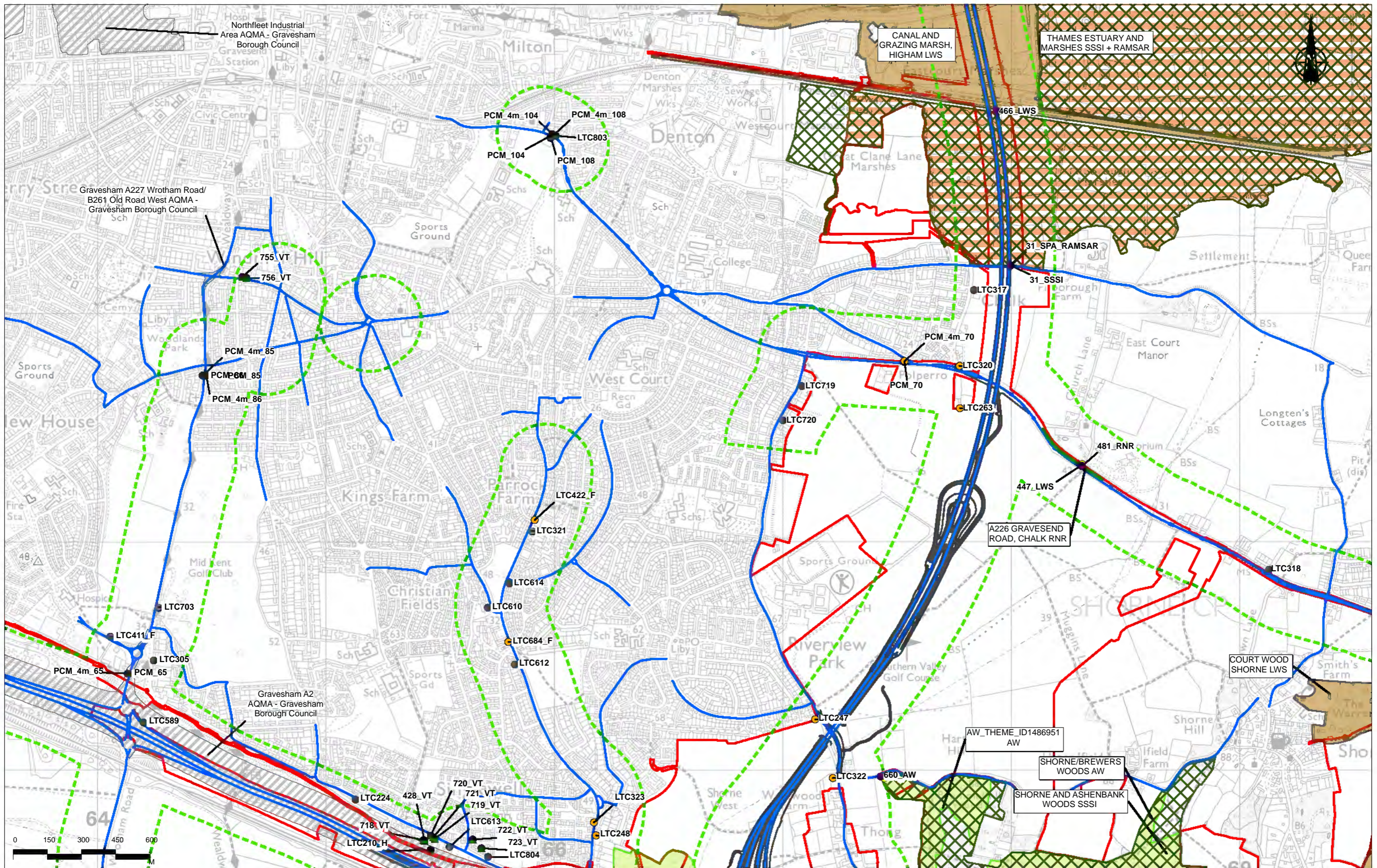
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	Status	DCO Application
	Application Document Number	TR010032/APP/6.2
	Drawing Title	Figure 5.6 - Operational Phase Receptors and Results
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Legend	
	Route Alignment
	Order Limits
	District Borough 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 <sub>2</sub> 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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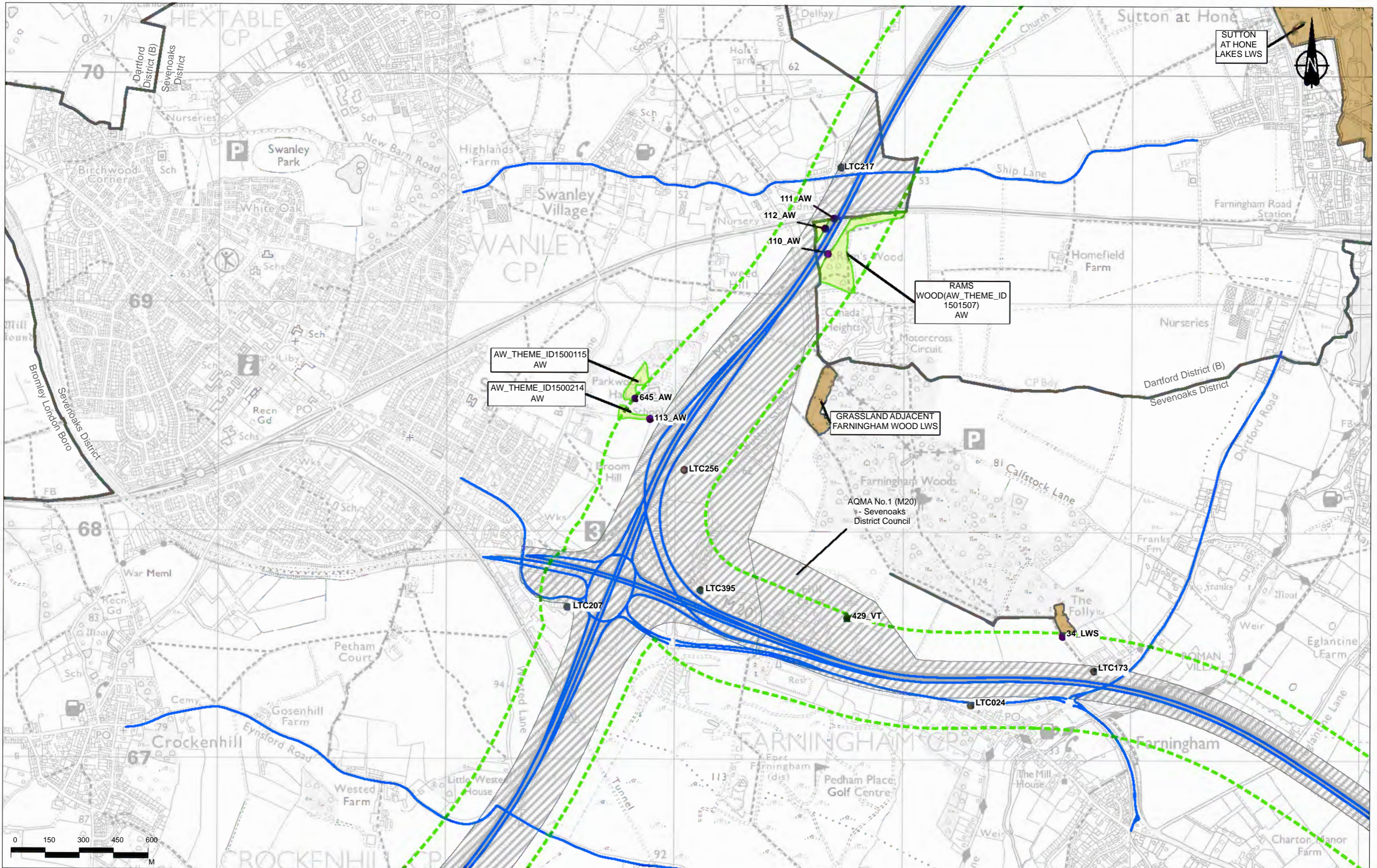
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P02	S2	19/10/2022	DCO Application	CD	MS	PM

**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 > AQS objective	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 <sub>2</sub> at Human Receptors	Receptor Demolished with Project	Epping Forest (SAC Gridded Receptor)
Study Area	National Nature Reserve (NNR)	Roadside Nature Reserve (RNR)	Imperceptible change	Ecological Transects	
Operational Modelled Road			Perceptible decrease		
Air Quality Management Area (AQMA)					

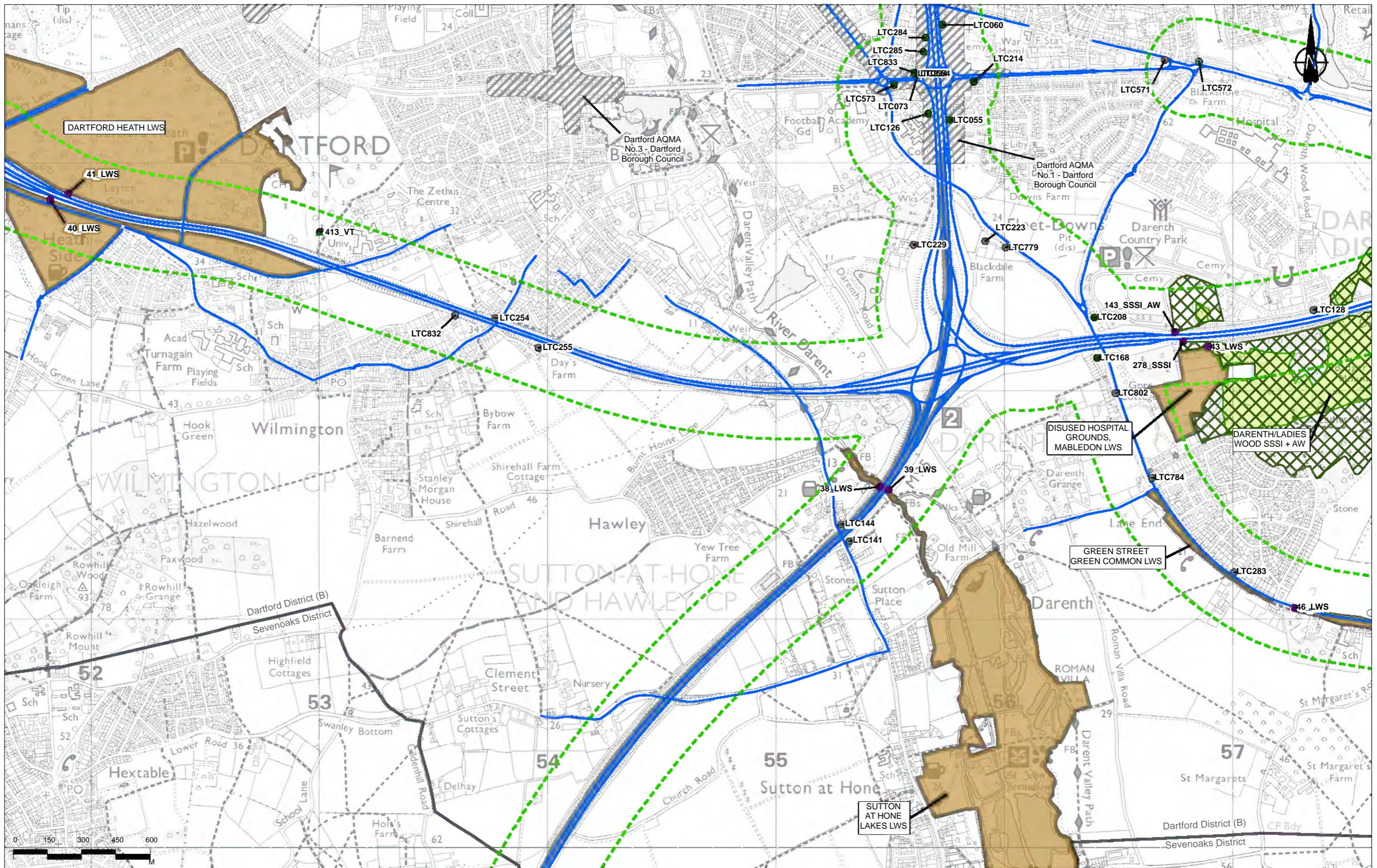
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**LOWER THAMES CROSSING**

DCO Application  
Application Document Number: TR010032/APP/6.2  
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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 <sub>2</sub> 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		Ecological Receptor
	Perceptible increase > AQS objective		Epping Forest (SAC Gridded Receptor)
	Receptor Demolished with Project		Ecological Transects

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

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

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

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

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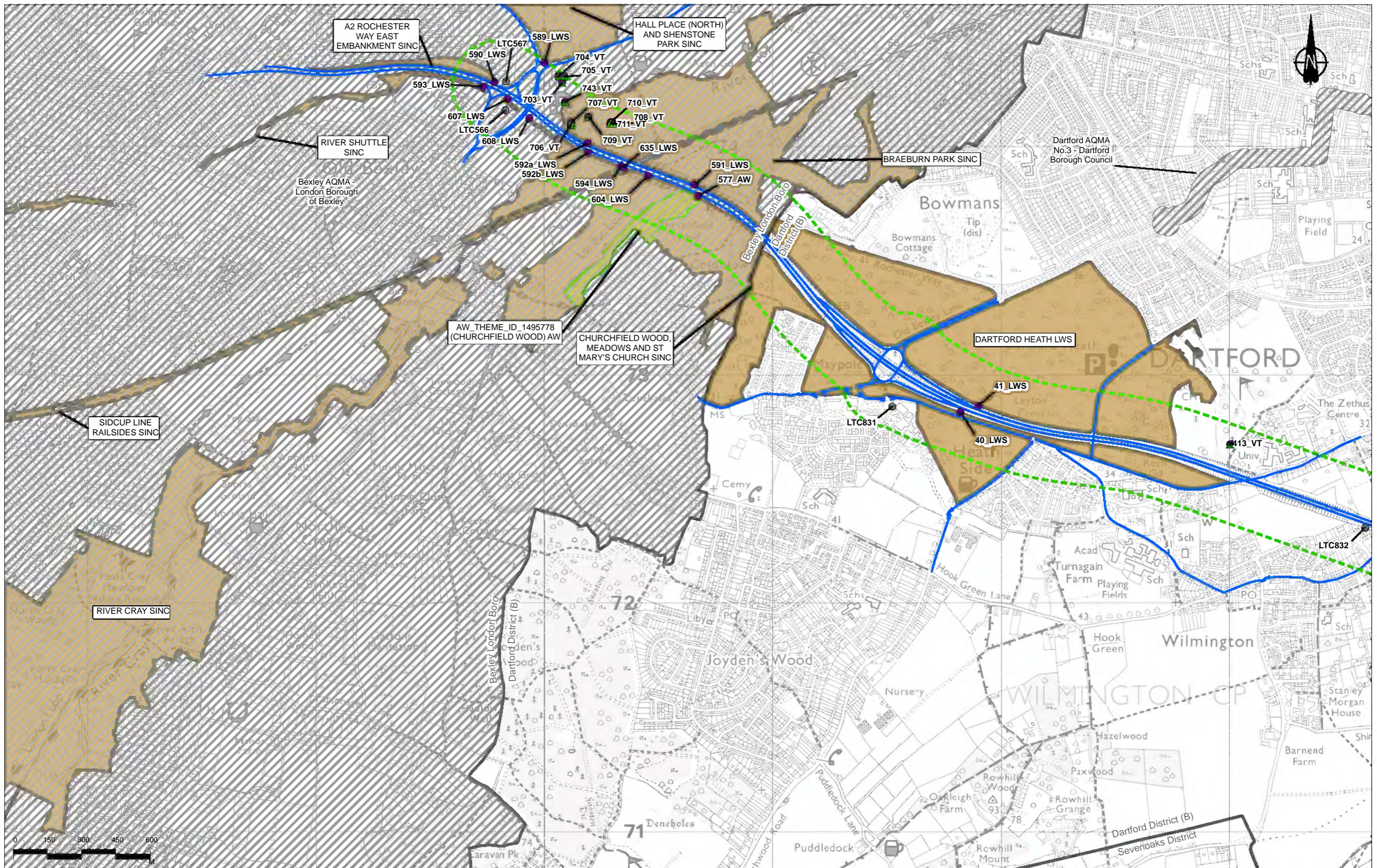
LOWER THAMES CROSSING

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

	Route Alignment		Ancient Woodland (AW)		Veteran Tree
	Order Limits		Local Nature Reserve (LNR)		Operational Human Receptors
	District Borough Boundary		Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)		Imperceptible change
	Study Area		Ramsar Site (RAMSAR)		Perceptible decrease > AQS objective
	Operational Modelled Road		Special Areas of Conservation (SAC)		Perceptible increase > AQS objective
	Air Quality Management Area (AQMA)		Sites of Special Scientific Interest (SSSI)		Receptor Demolished with Project
			National Nature Reserve (NNR)		Ecological Receptor
			Roadside Nature Reserve (RNR)		Epping Forest (SAC Gridded Receptor)
					Ecological Transects

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

	Perceptible decrease > 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

	Perceptible decrease > AQS objective
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	Receptor Demolished with Project

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Client: national highways

Project: LOWER THAMES CROSSING

Status	DCO Application	Original Size	A3	Revision	P02
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