

Lower Thames Crossing

6.2 Environmental Statement Figures

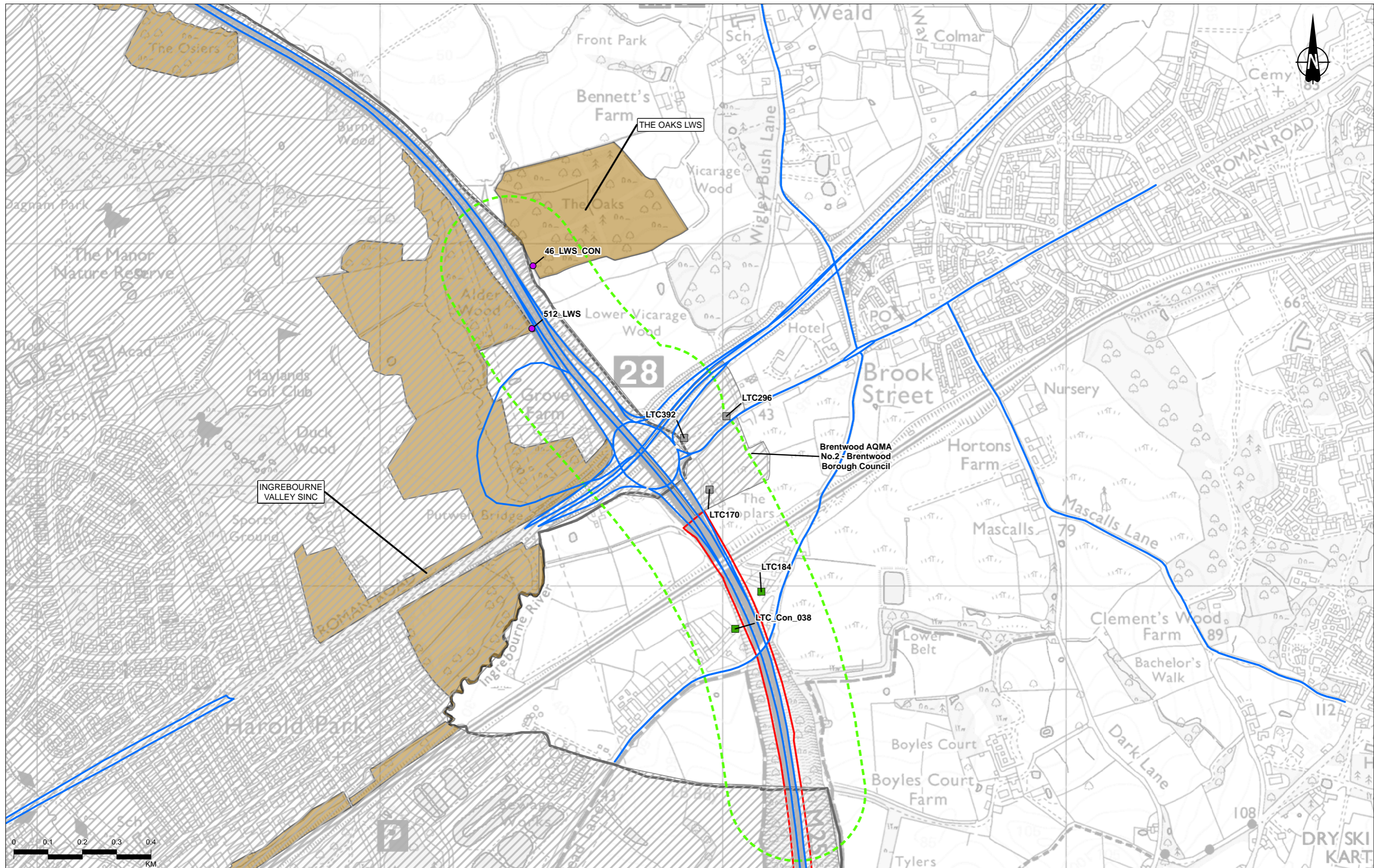
Figure 5.5 - Construction Traffic Receptors and Results (2 of 2)

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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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd
P02	S8	10/10/2022	DCO Application	CD	MS	PM

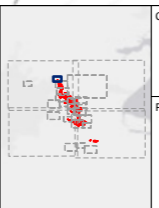
- Legend**
- Route Alignment
 - Order Limits
 - District Borough Boundary
 - Study Area
 - Construction Phase Modelled Road

- Air Quality Management Area (AQMA)
- Ancient Woodland (AW)
- Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)
- Nature Improvement Area (NIA)

- Ramsar Site (RAMSAR)
- Sites of Special Scientific Interest (SSSI)
- **Construction Receptors**
 - Ecological Receptors
 - Veteran Trees
 - Ecological Transects 2027

- Human Receptors 2027**
Project change in annual mean NO₂
- Imperceptible change
 - Perceptible decrease
 - Perceptible increase
 - Receptor Demolished with Project

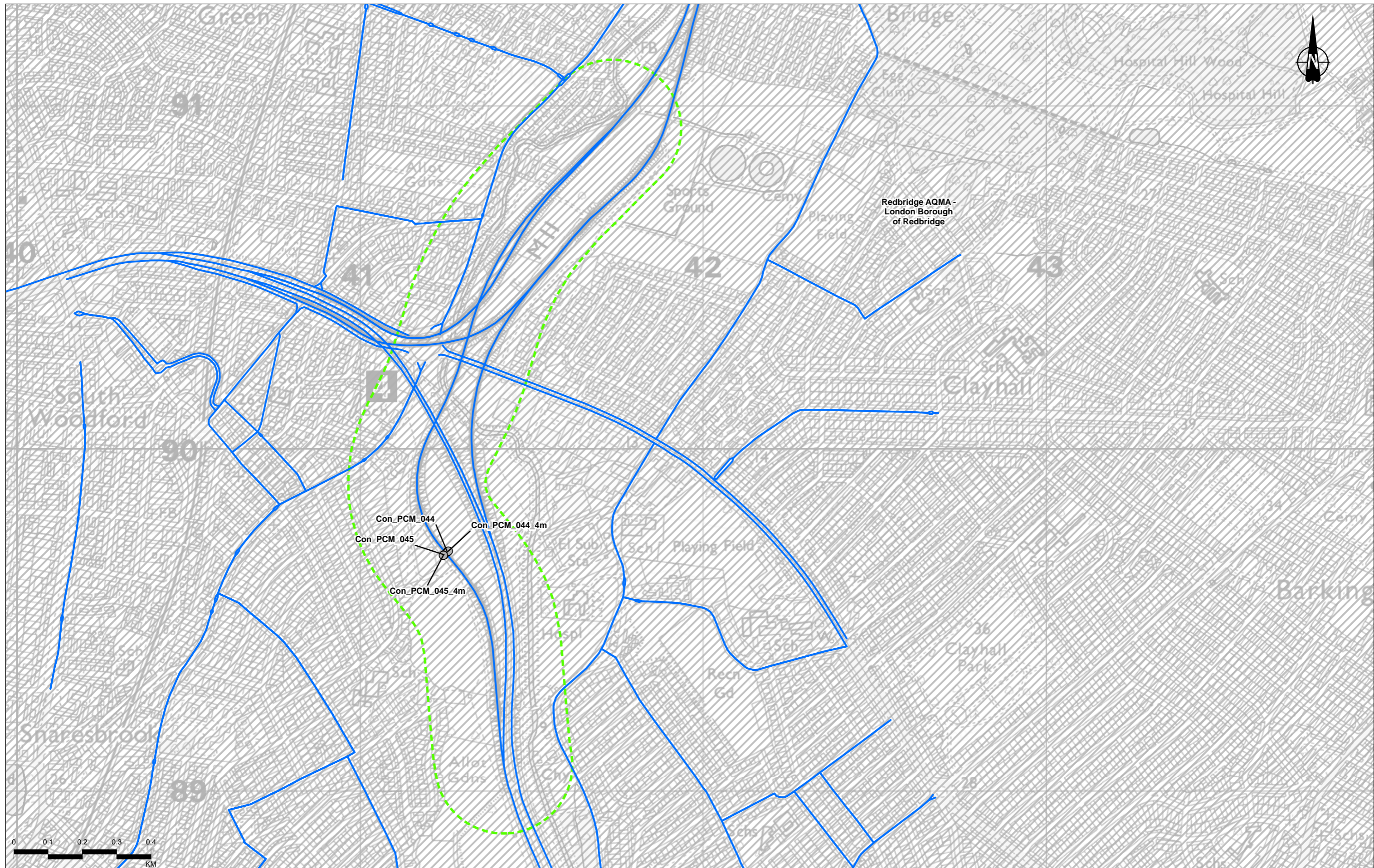
- Compliance Receptors 2027**
Project change in annual mean NO₂
- Imperceptible change
 - Perceptible decrease
 - Perceptible increase



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO Application	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:10,000		
Drawing Title	Figure 5.5 - Construction Traffic Receptors and Results 2027				
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Drawing Number	HE540039-CJV-EAQ-SZP_EGNE0000000-DR-LE-50009				



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Legend

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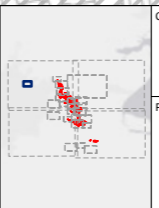
- Ramsar Site (RAMSAR)
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 - Ecological Receptors
 - Veteran Trees
 - Ecological Transects 2027

Human Receptors 2027
Project change in annual mean NO₂

- Imperceptible change
- Perceptible decrease
- Perceptible increase
- Receptor Demolished with Project

Compliance Receptors 2027
Project change in annual mean NO₂

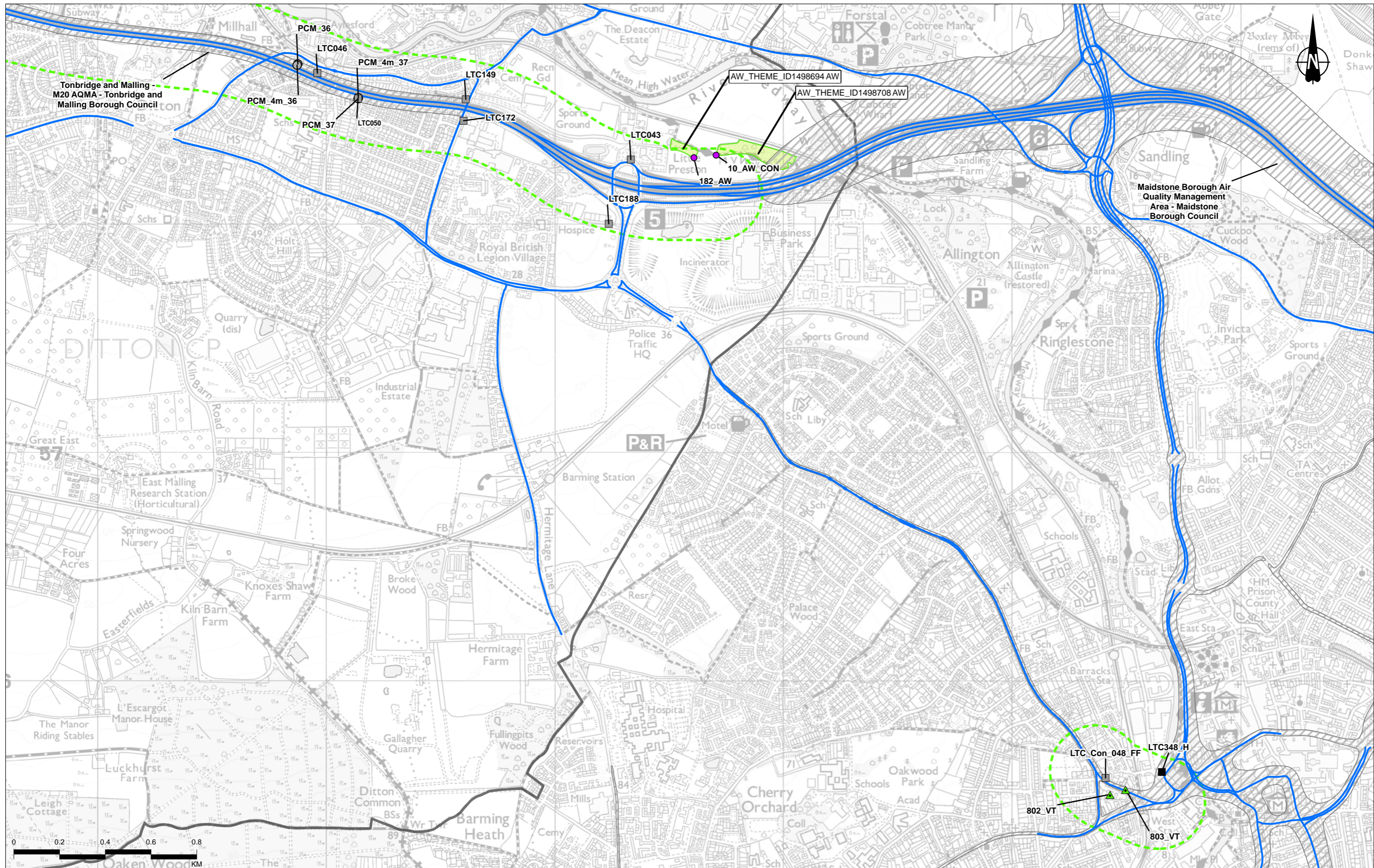
- Imperceptible change
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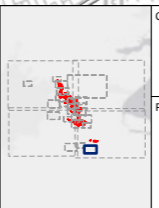
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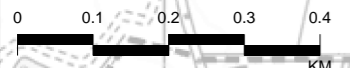
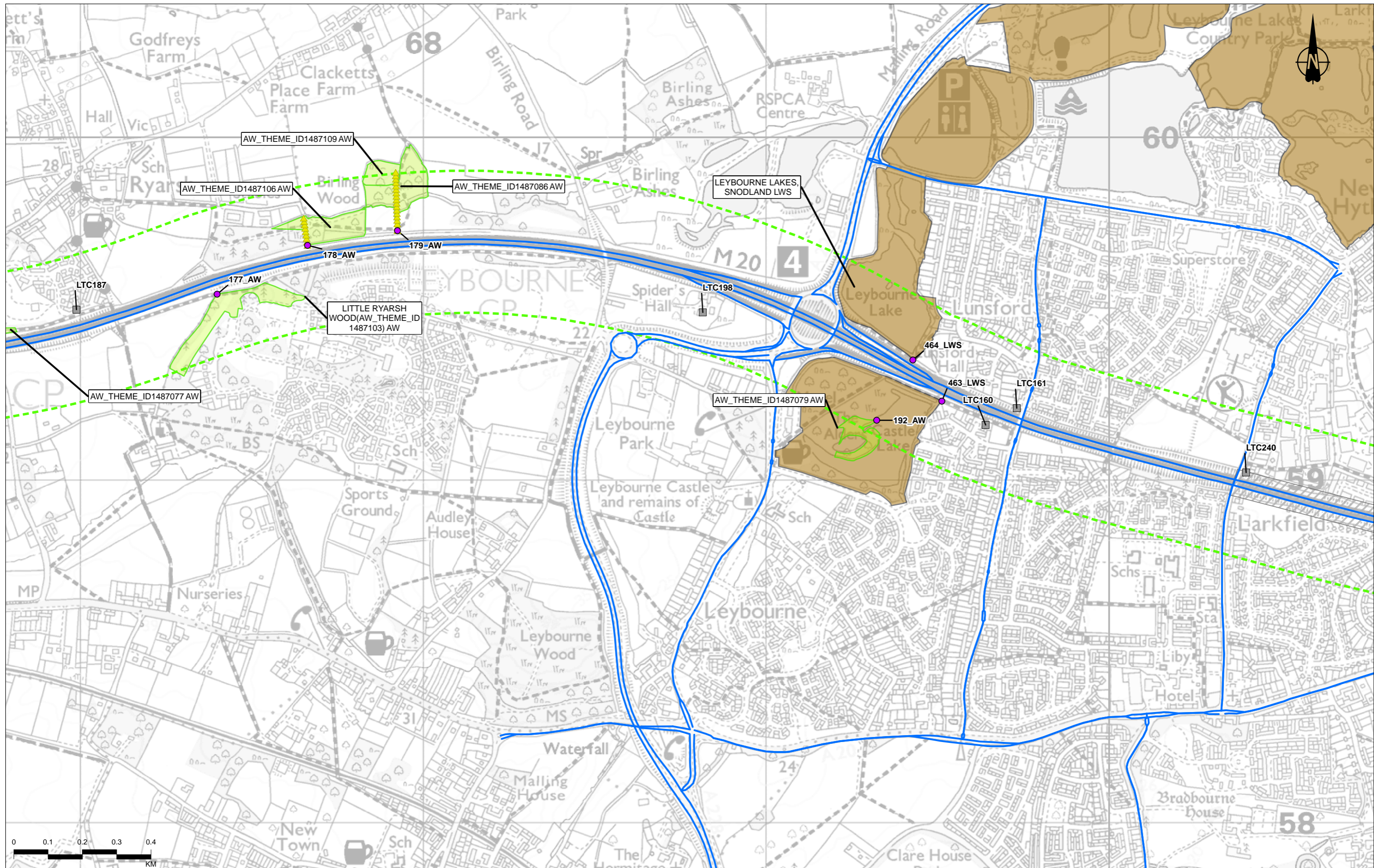
- Compliance Receptors 2028**
Project change in annual mean NO₂
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Legend

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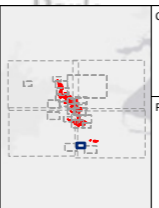
- Ramsar Site (RAMSAR)
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- Construction Receptors**
 - Ecological Receptors
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 - Ecological Transects 2028

Human Receptors 2028
Project change in annual mean NO₂

- Imperceptible change
- Perceptible decrease
- Perceptible increase
- Receptor Demolished with Project

Compliance Receptors 2028
Project change in annual mean NO₂

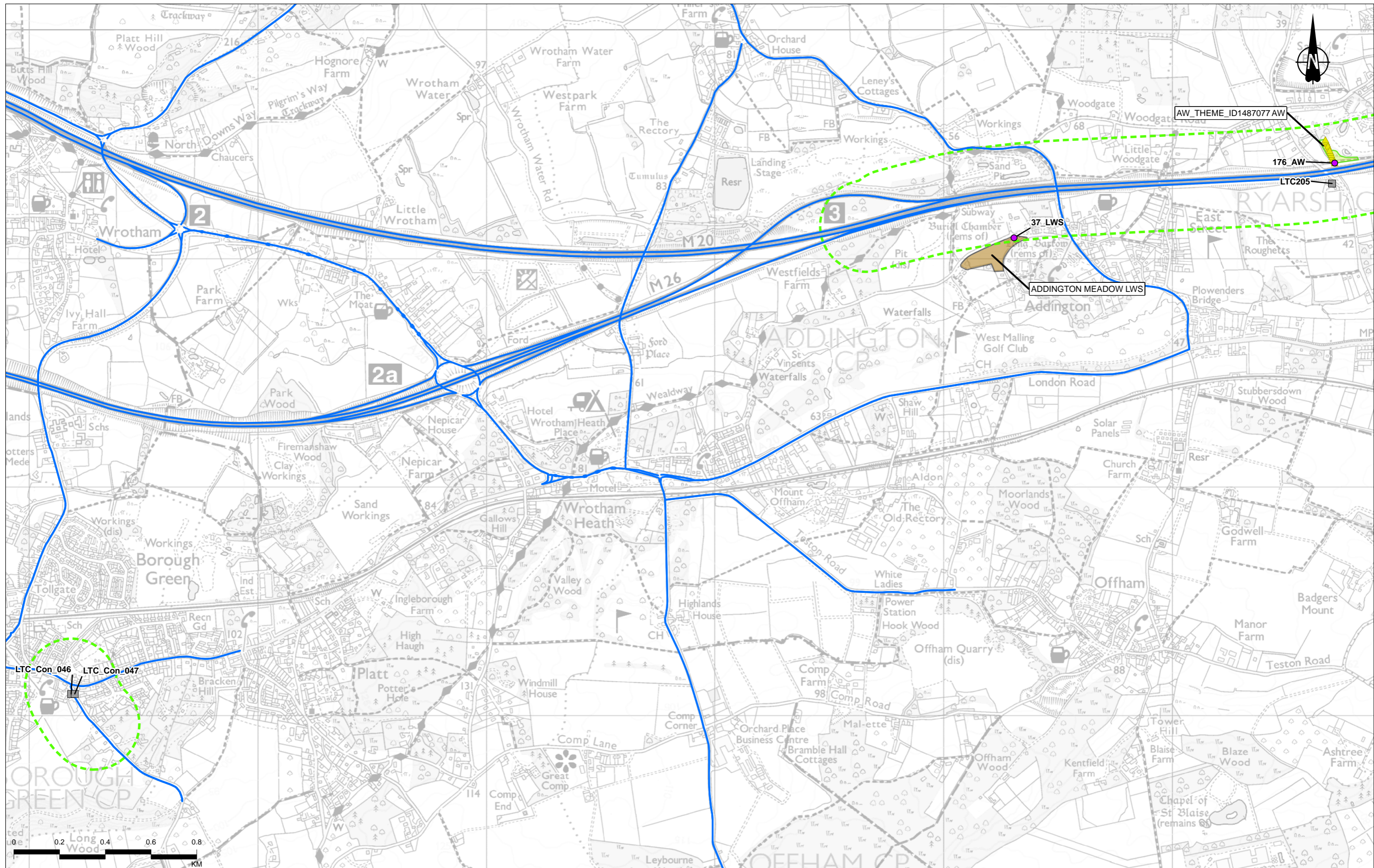
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Project change in annual mean NO₂
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 - Perceptible increase
 - Receptor Demolished with Project

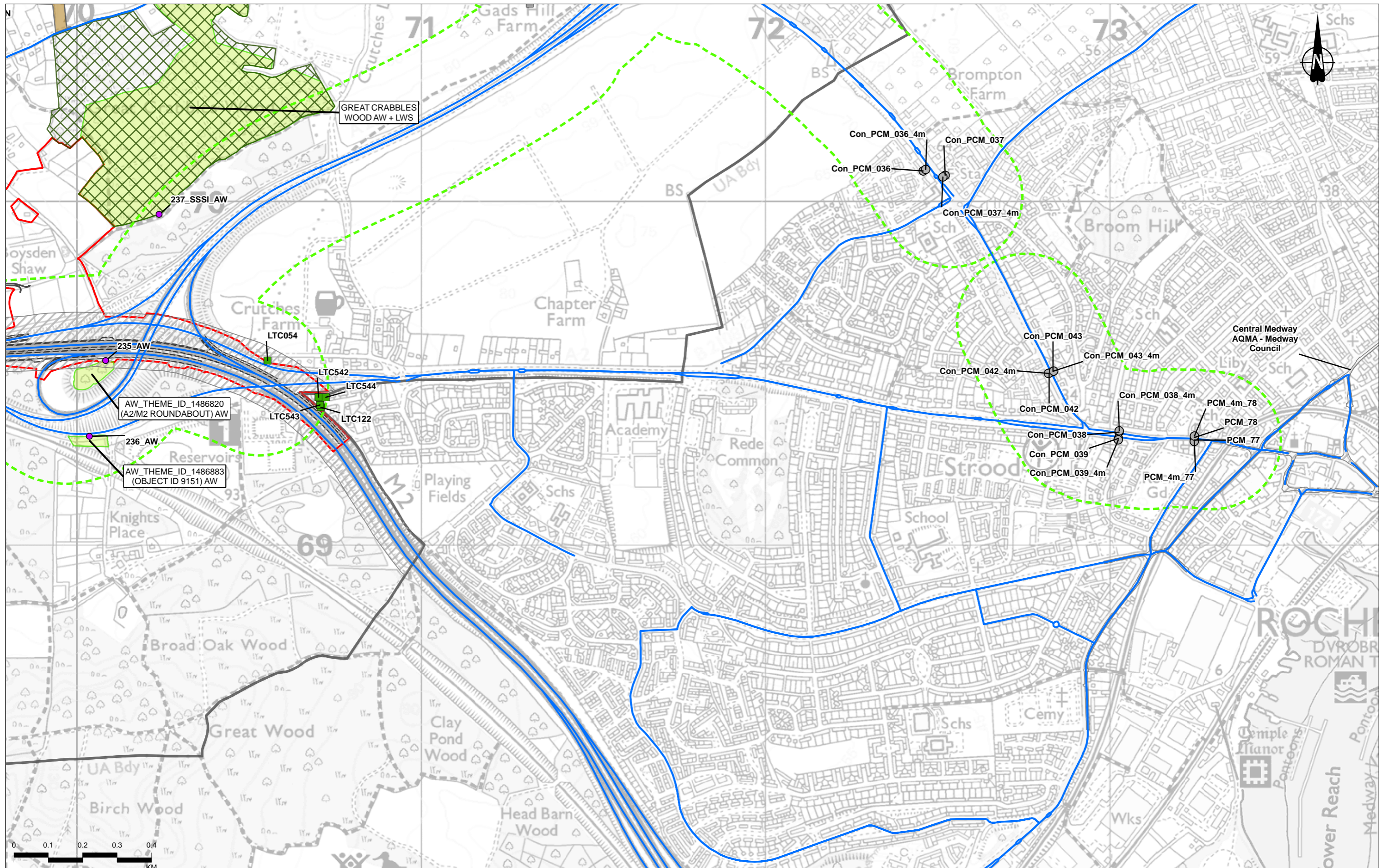
- Compliance Receptors 2028**
Project change in annual mean NO₂
- Imperceptible change
 - Perceptible decrease
 - Perceptible increase

- Short-term AQS Objective Receptor

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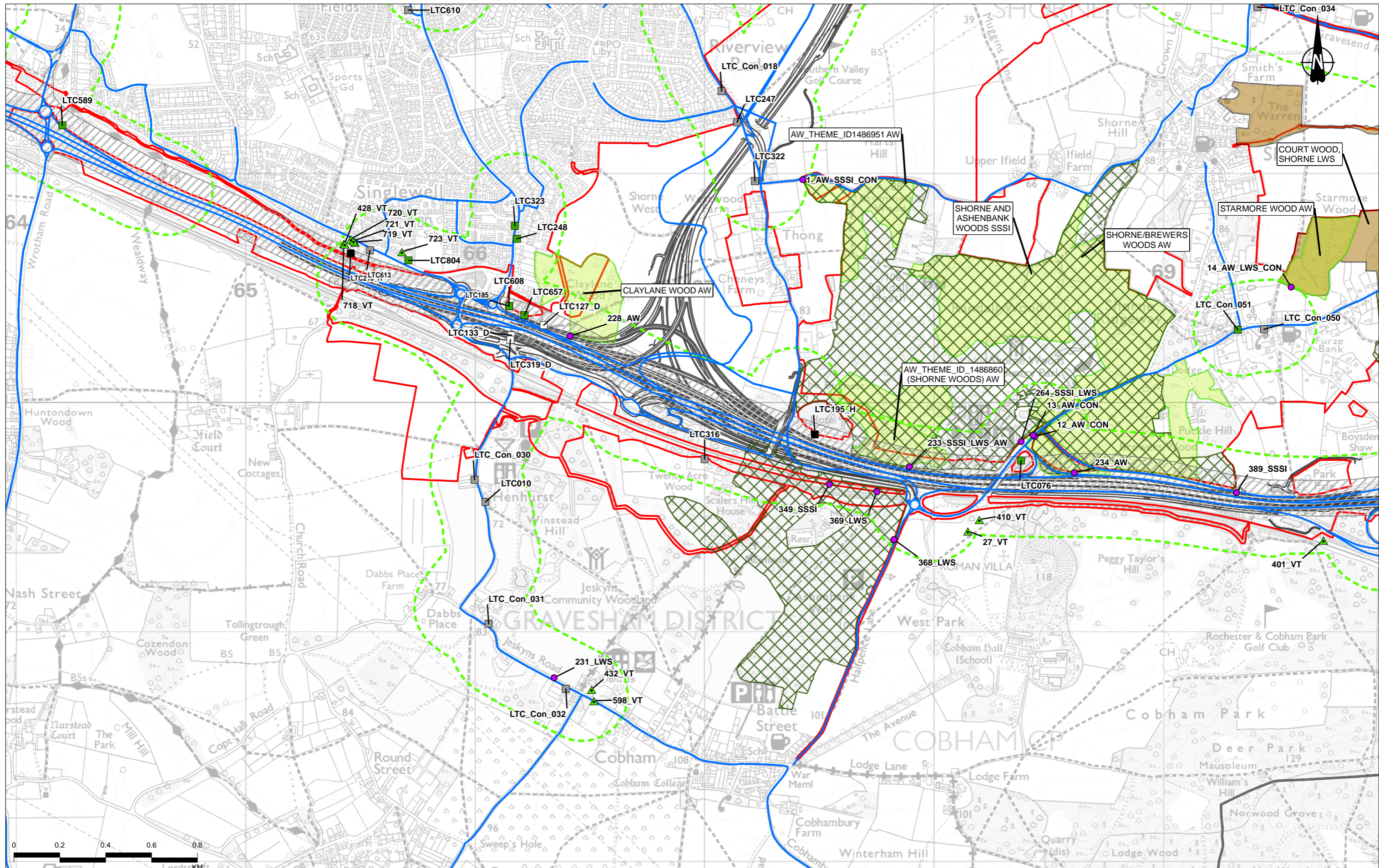
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	Route Alignment		Short-term AQS Objective Receptor		Short-term AQS Objective Receptor
	Order Limits		Imperceptible change		Imperceptible change
	District Borough Boundary		Perceptible decrease		Perceptible decrease
	Study Area		Perceptible increase		Perceptible increase
	Construction Phase Modelled Road		Receptor Demolished with Project		
	Air Quality Management Area (AQMA)		Ecological Receptors		
	Ancient Woodland (AW)		Veteran Trees		
	Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)		Ecological Transects 2028		
	Nature Improvement Area (NIA)				
	Ramsar Site (RAMSAR)				
	Sites of Special Scientific Interest (SSSI)				



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Legend

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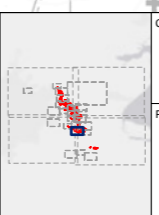
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 - Ecological Transects 2028

Human Receptors 2028
Project change in annual mean NO₂

- Imperceptible change
- Perceptible decrease
- Perceptible increase
- Receptor Demolished with Project

Compliance Receptors 2028
Project change in annual mean NO₂

- Imperceptible change
- Perceptible decrease
- Perceptible increase

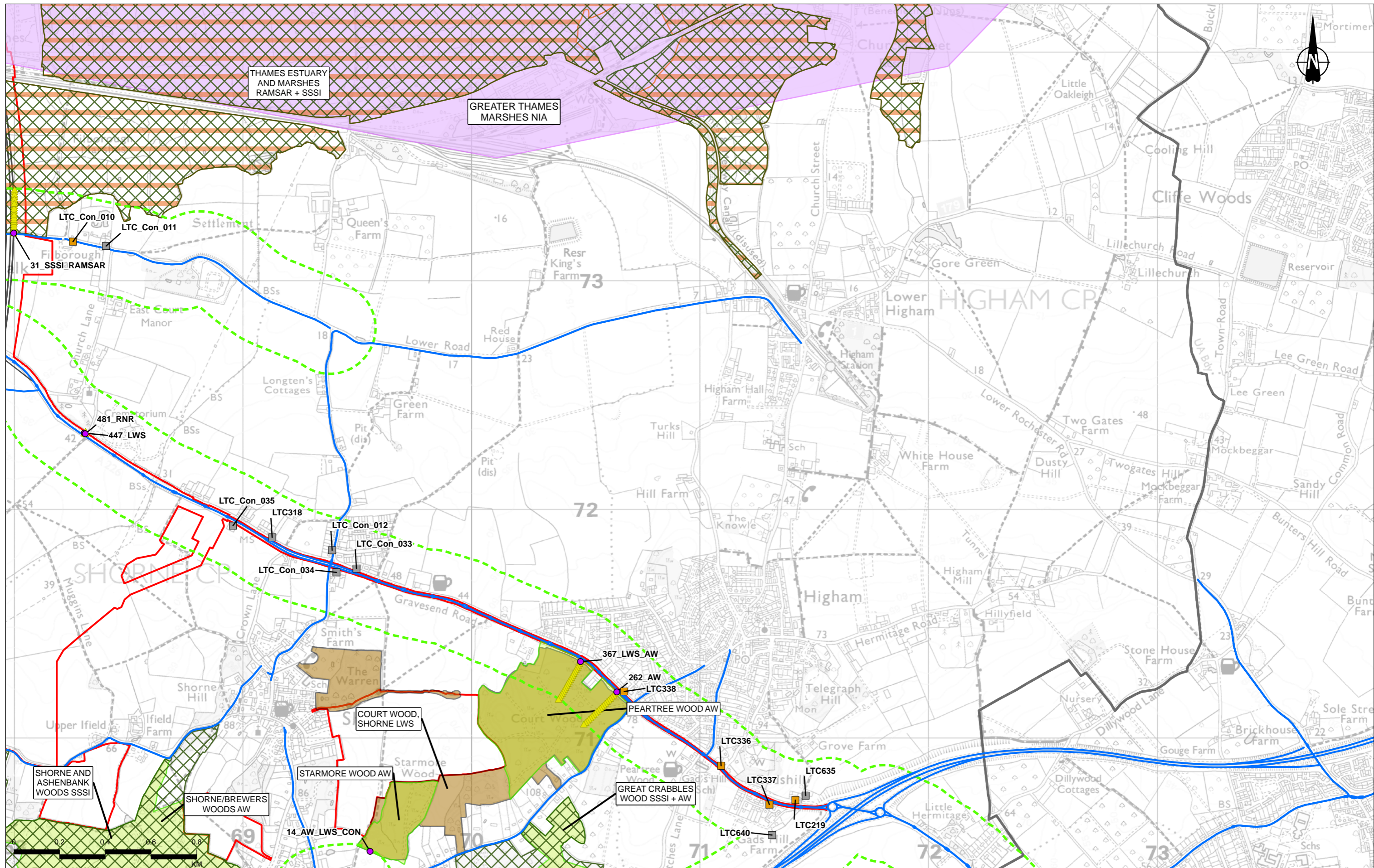


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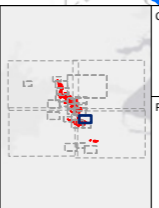
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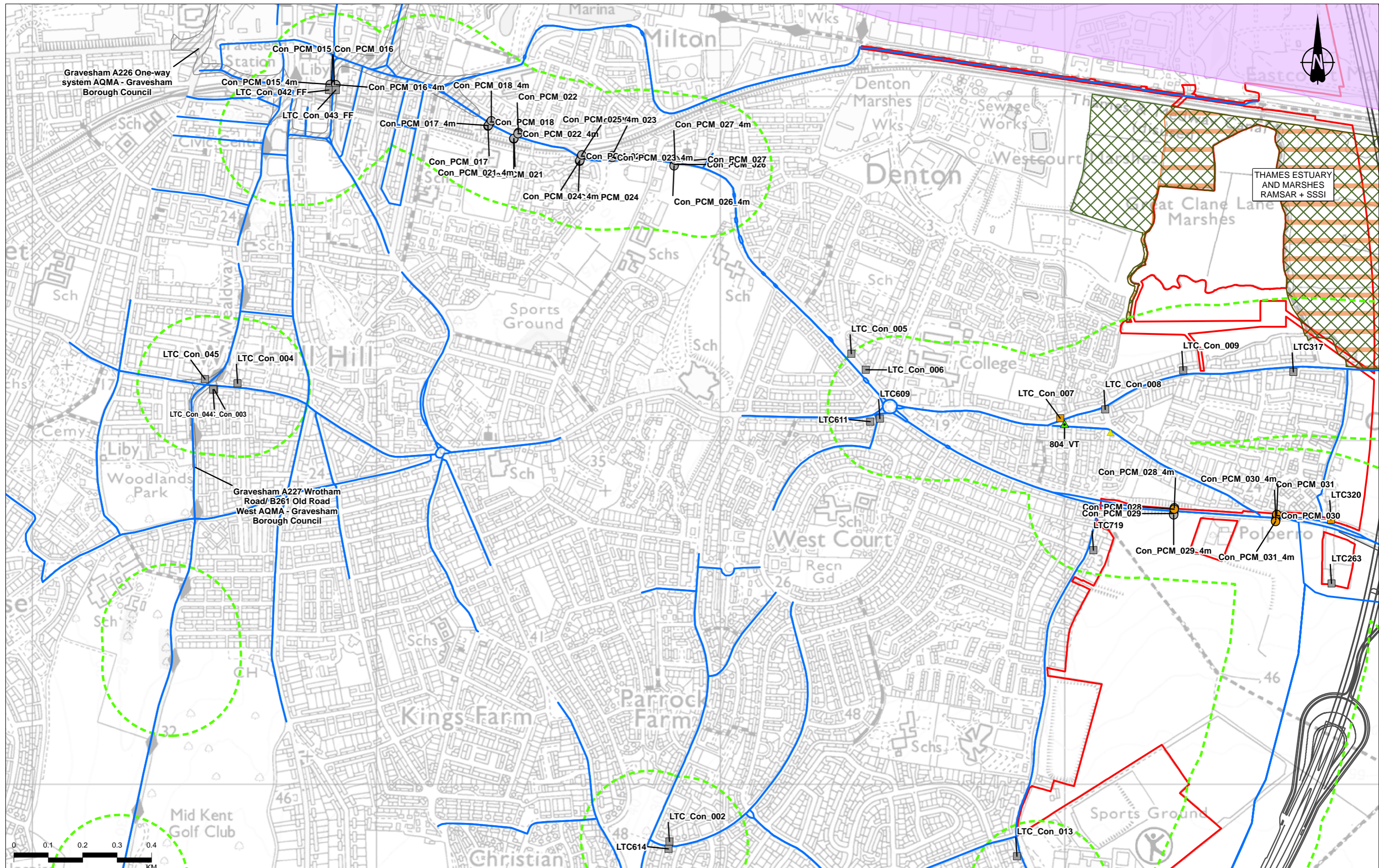
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Project change in annual mean NO₂
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Client: national highways

Project: LOWER THAMES CROSSING

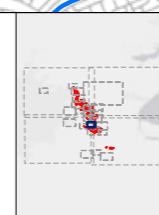
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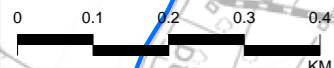
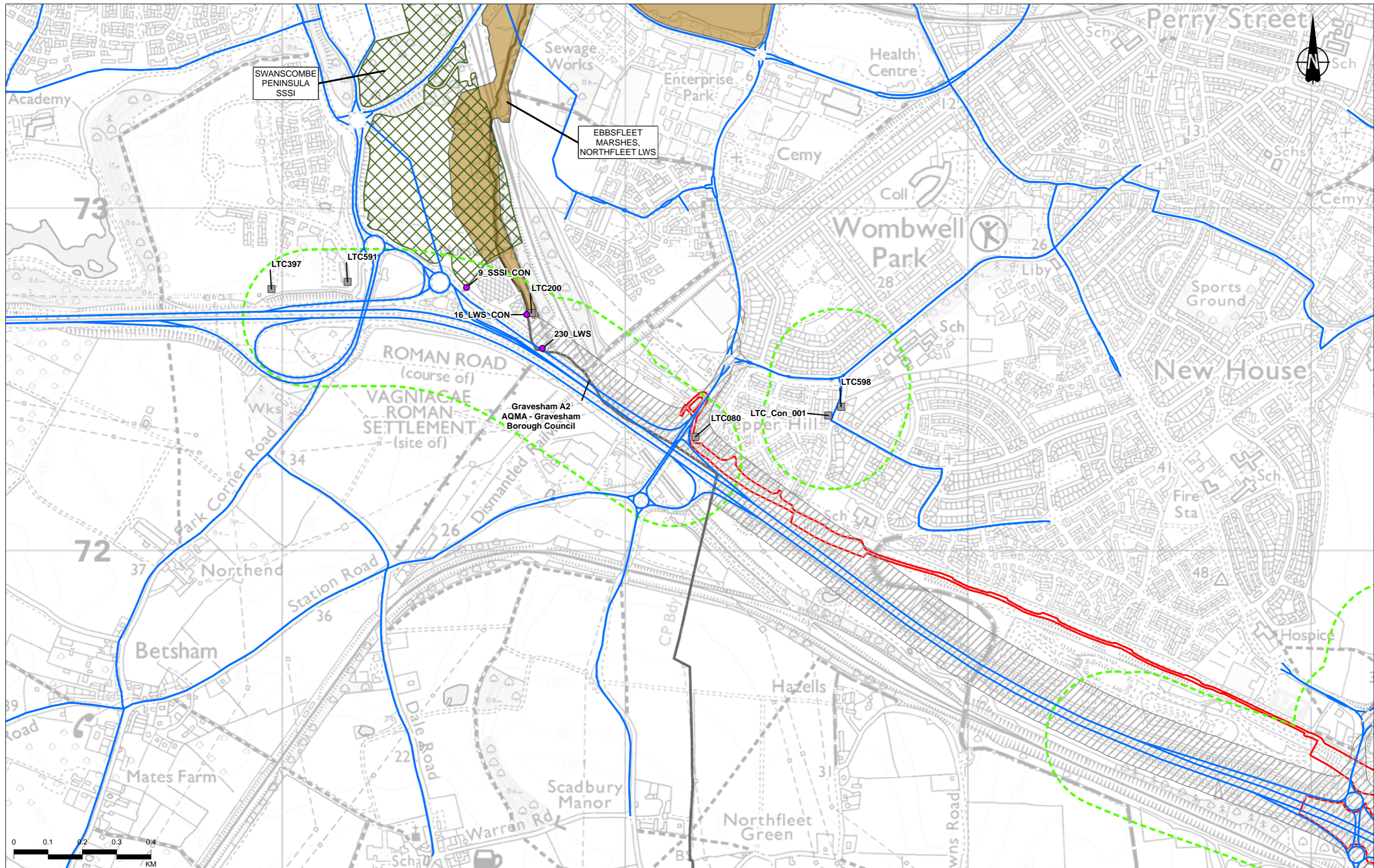
Legend	
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	Project change in annual mean NO ₂
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	Perceptible decrease
	Perceptible increase
	Receptor Demolished with Project
	Short-term AQS Objective Receptor
	Compliance Receptors 2028
	Project change in annual mean NO ₂
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Client: national highways

Project: LOWER THAMES CROSSING

Status	DCO Application	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:10,000		
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Legend

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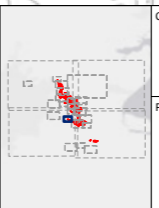
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Compliance Receptors 2028
Project change in annual mean NO₂

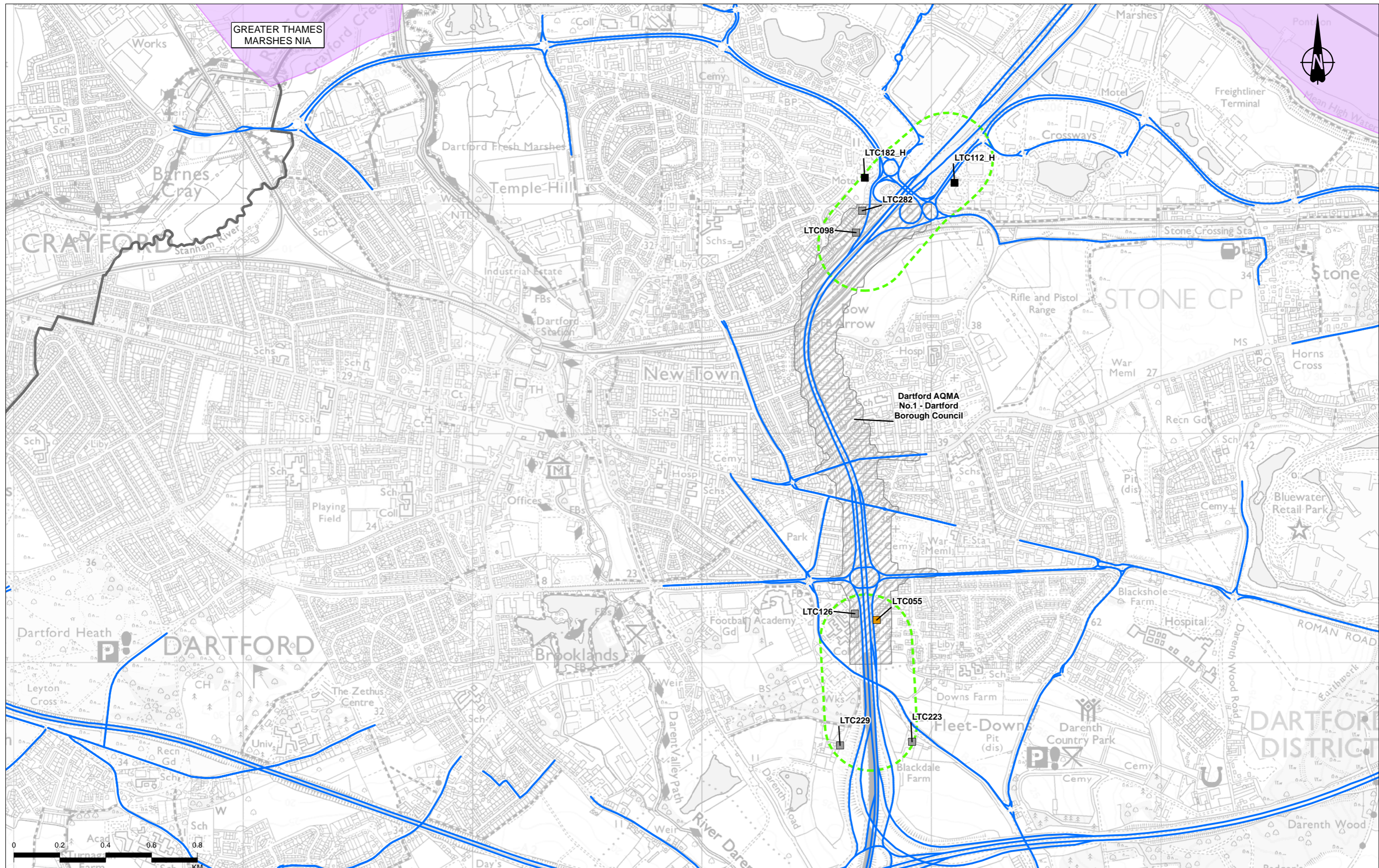
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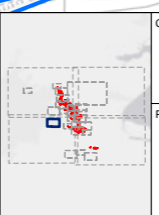
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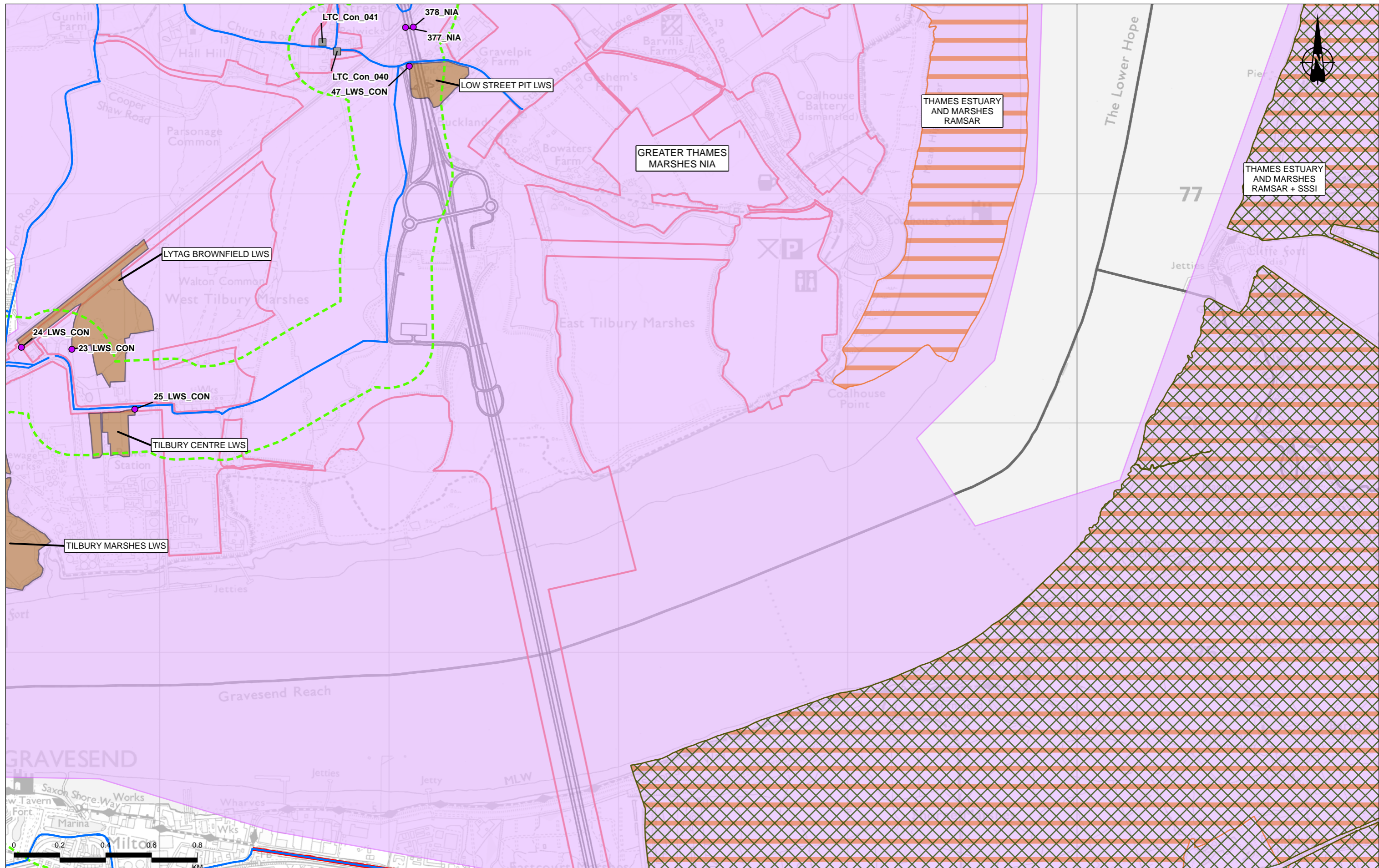


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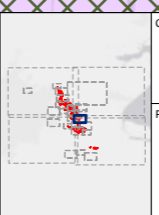
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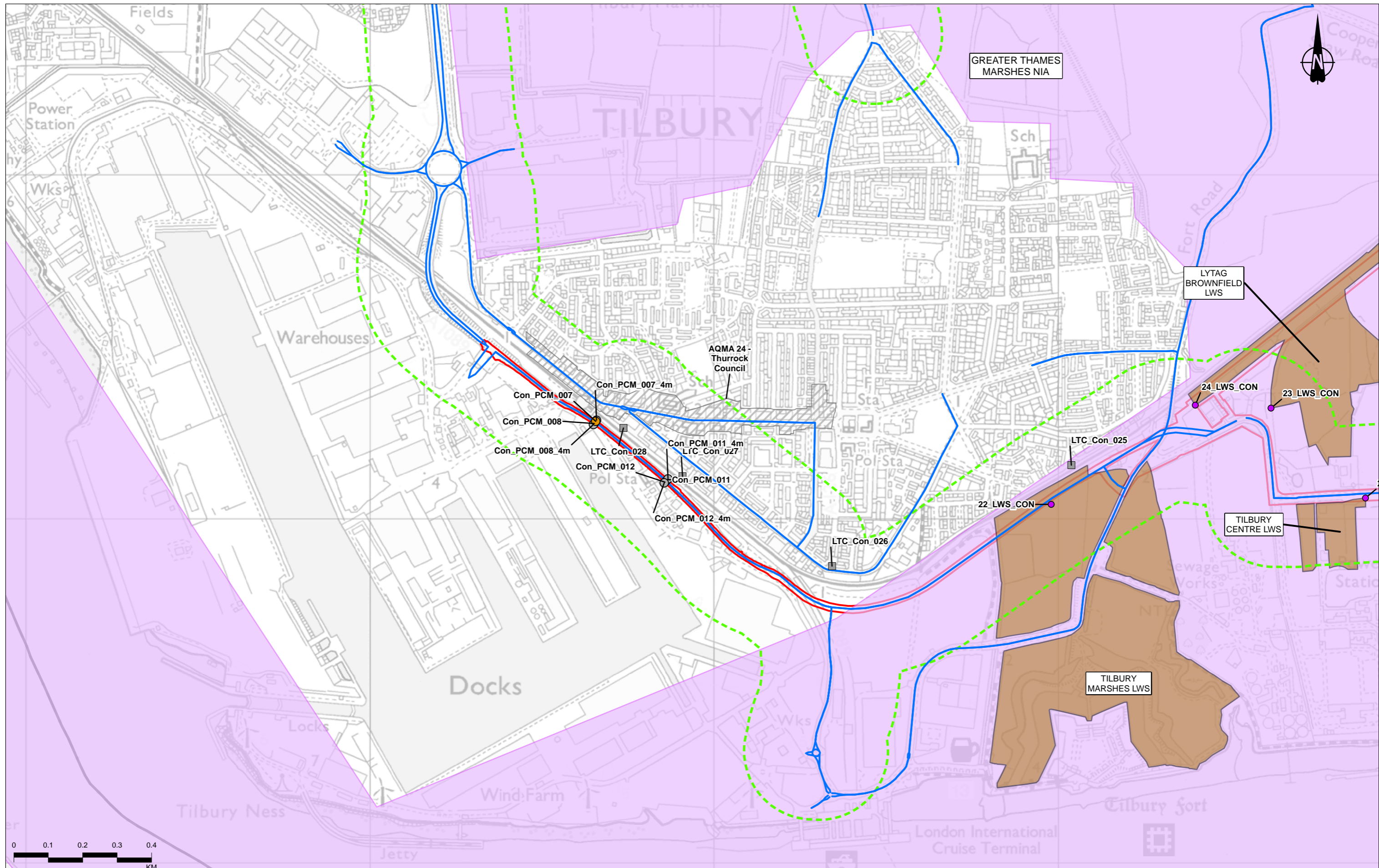
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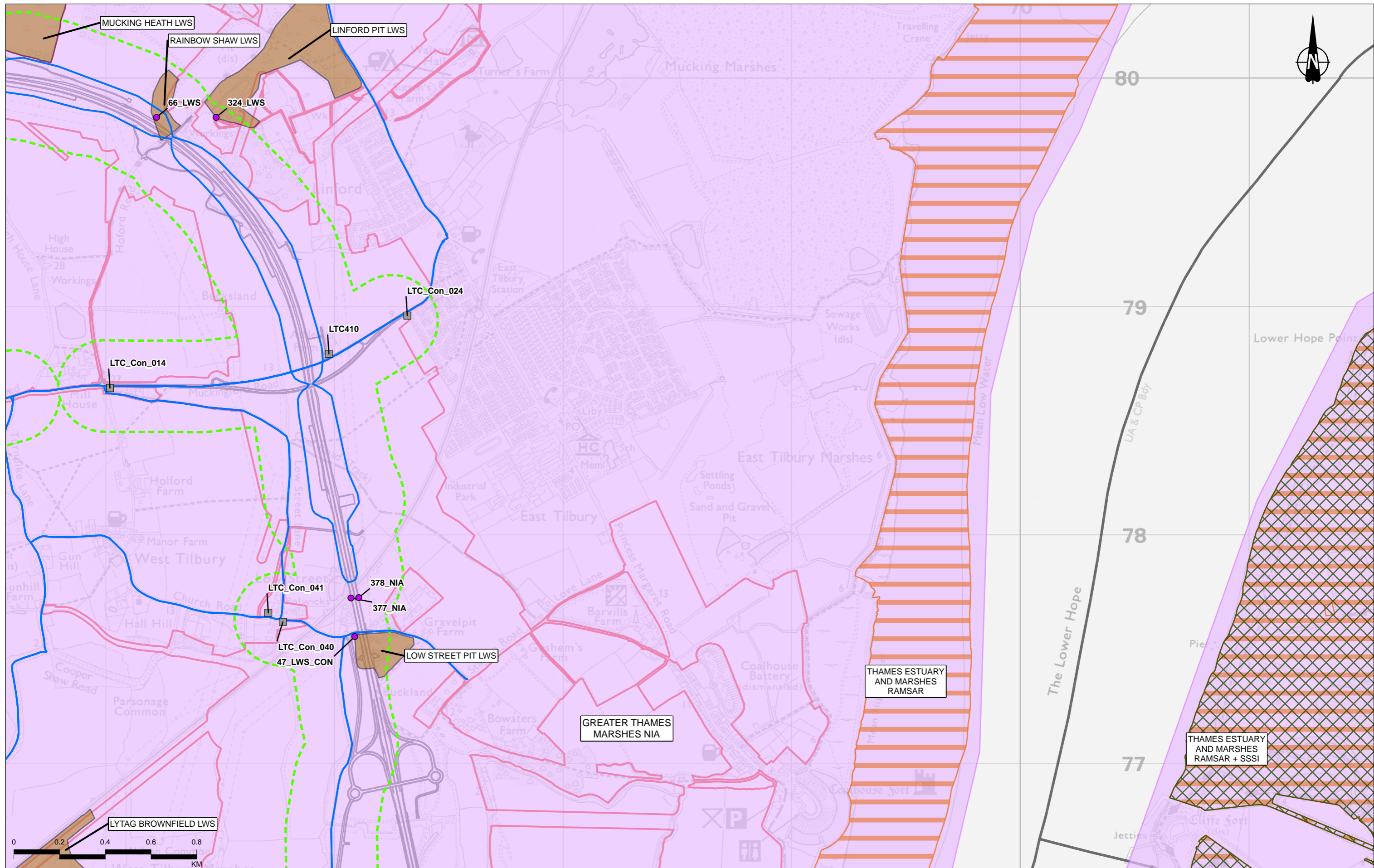
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Legend		Human Receptors 2028		Compliance Receptors 2028	
	Route Alignment		Imperceptible change		Imperceptible change
	Order Limits		Perceptible decrease		Perceptible decrease
	District Borough Boundary		Perceptible increase		Perceptible increase
	Study Area		Receptor Demolished with Project		Short-term AQS Objective Receptor
	Construction Phase Modelled Road		Ecological Receptors		Ecological Receptors
	Air Quality Management Area (AQMA)		Veteran Trees		Ecological Transects 2028
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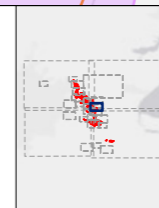


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Rev	Status	Rev. Date	Purpose of revision	Drawn	Checked	Approved

Legend

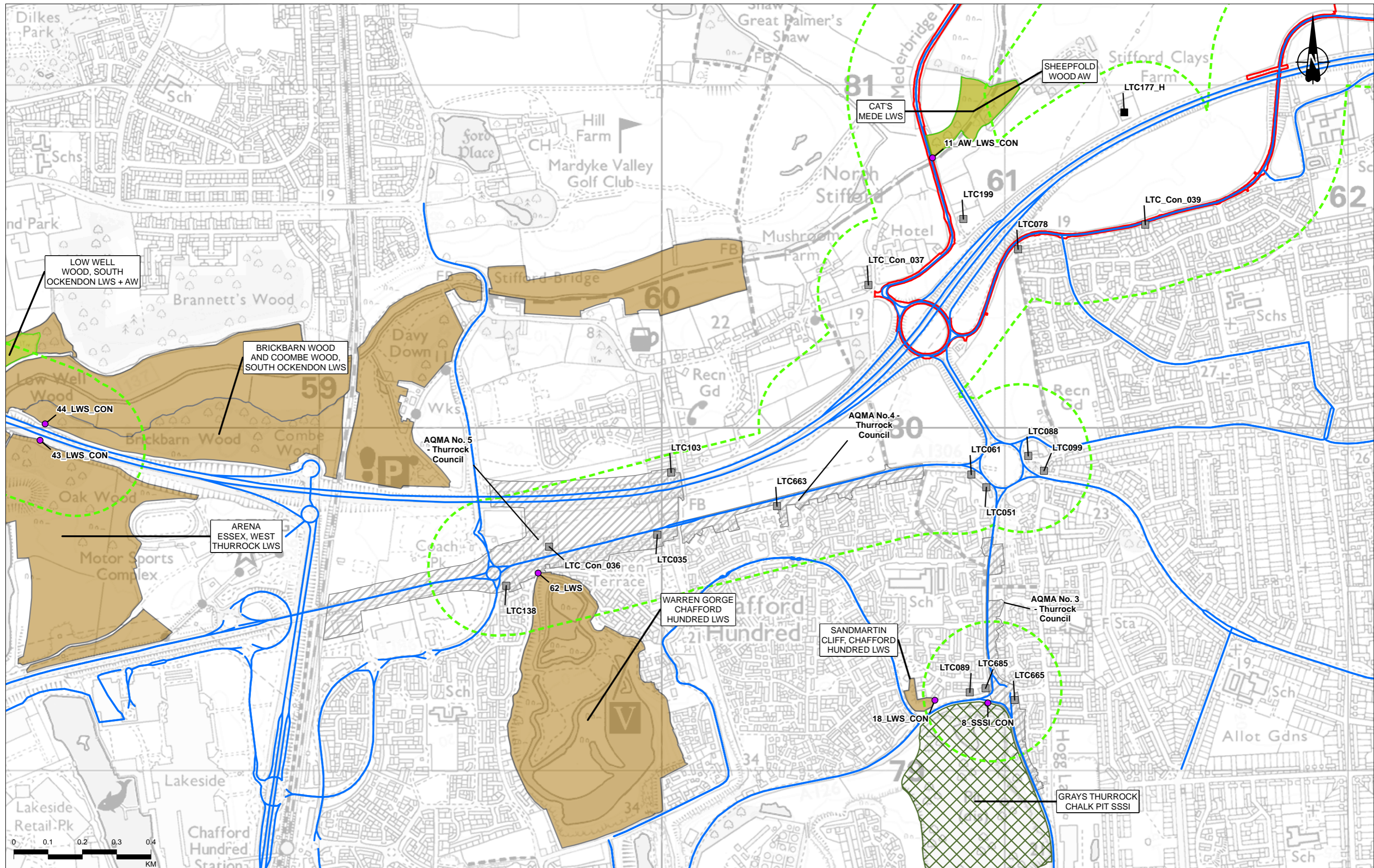
- Route Alignment
- Order Limits
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- Air Quality Management Area (AQMA)
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 - Ecological Transects 2028
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 - Project change in annual mean NO₂
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 - Receptor Demolished with Project
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 - Project change in annual mean NO₂
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 - Perceptible decrease
 - Perceptible increase
 - Short-term AQS Objective Receptor



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 5.5 - Construction Traffic Receptors and Results 2028				
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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd
P02	S8	10/10/2022	DCO Application	CD	MS	PM

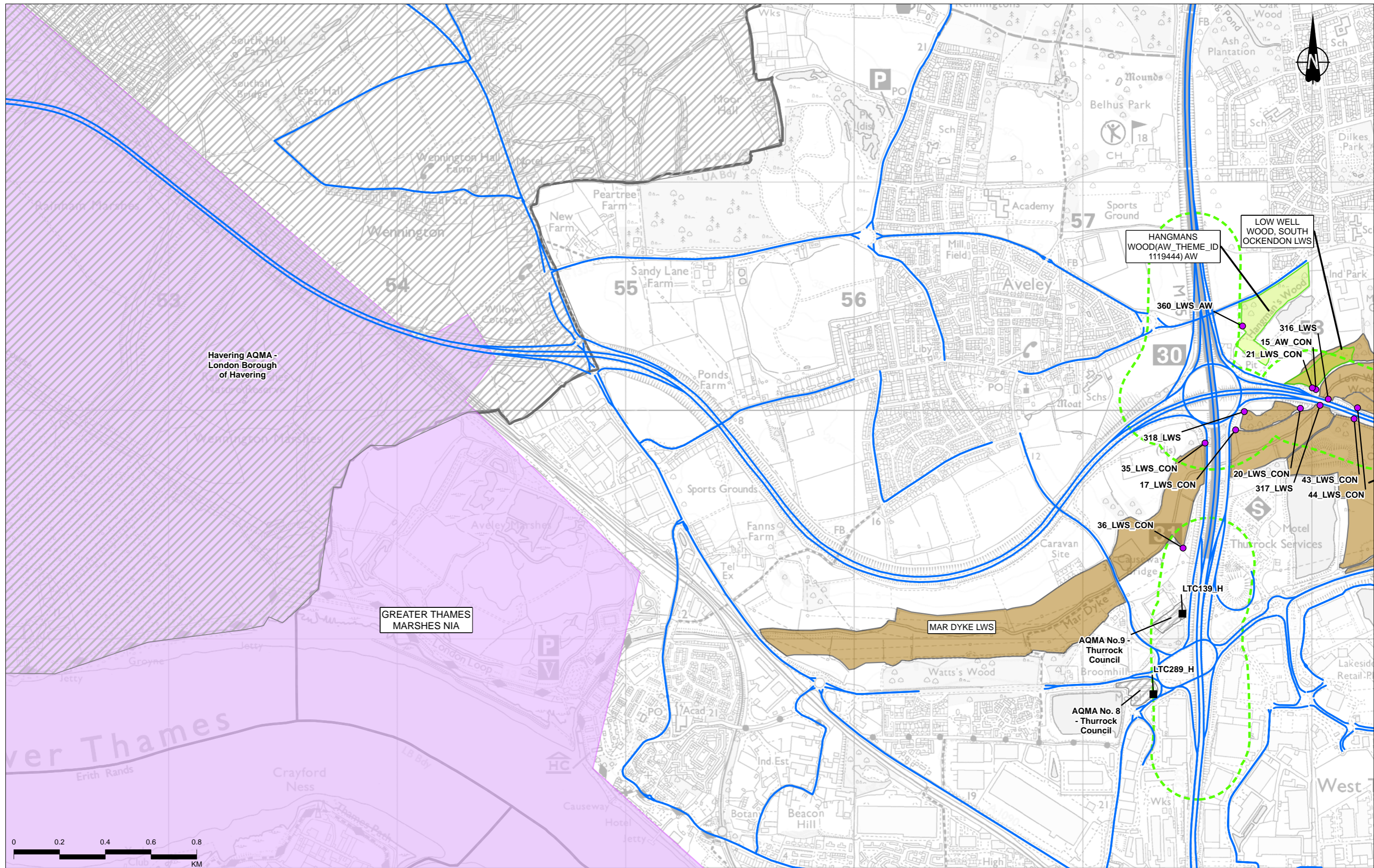
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Client: national highways

Project: LOWER THAMES CROSSING

Status	DCO Application	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:10,000		
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Legend

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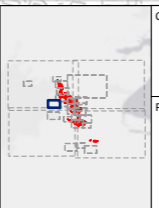
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Human Receptors 2028
Project change in annual mean NO₂

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Compliance Receptors 2028
Project change in annual mean NO₂

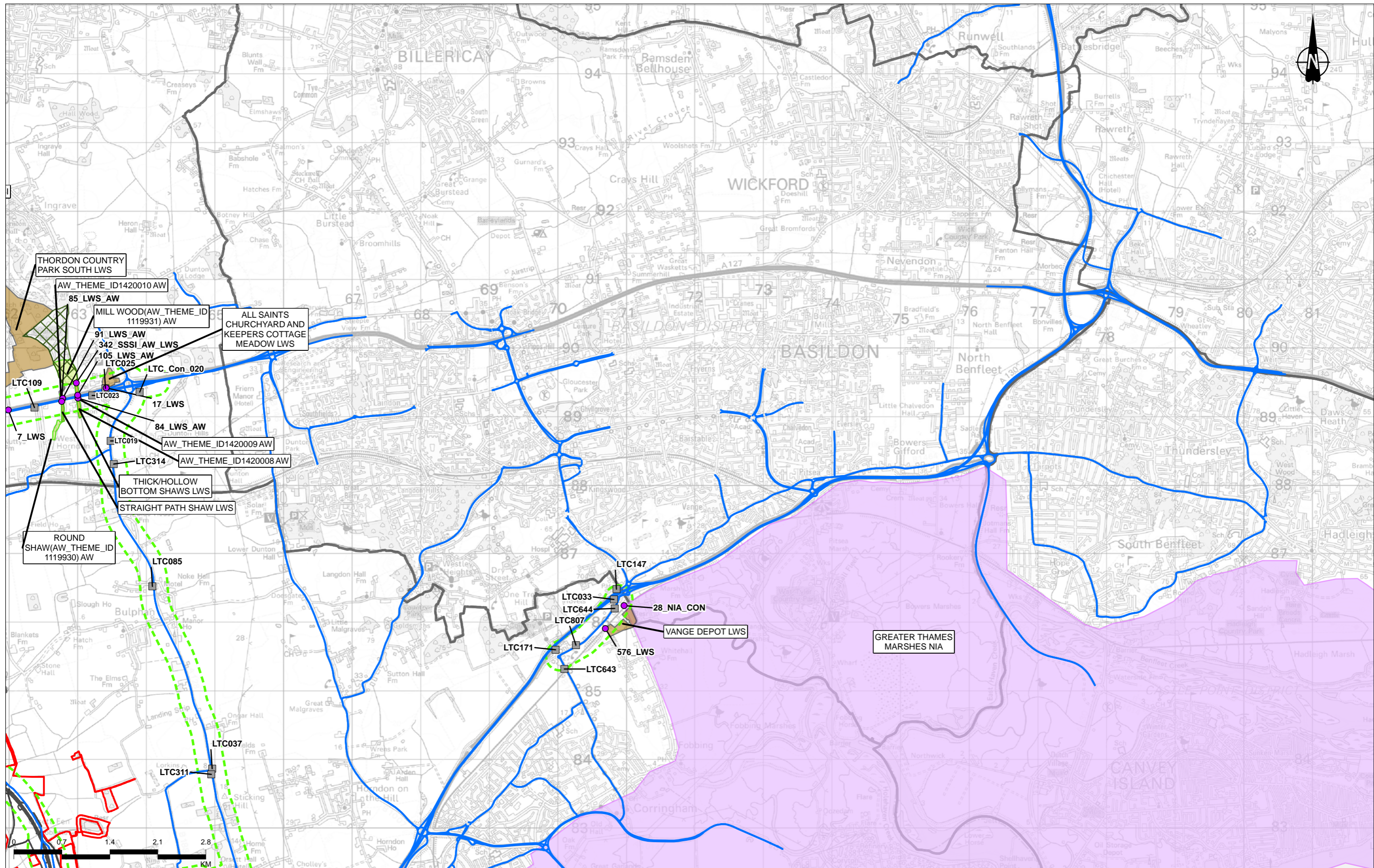
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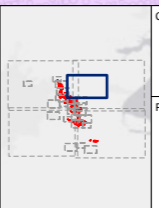
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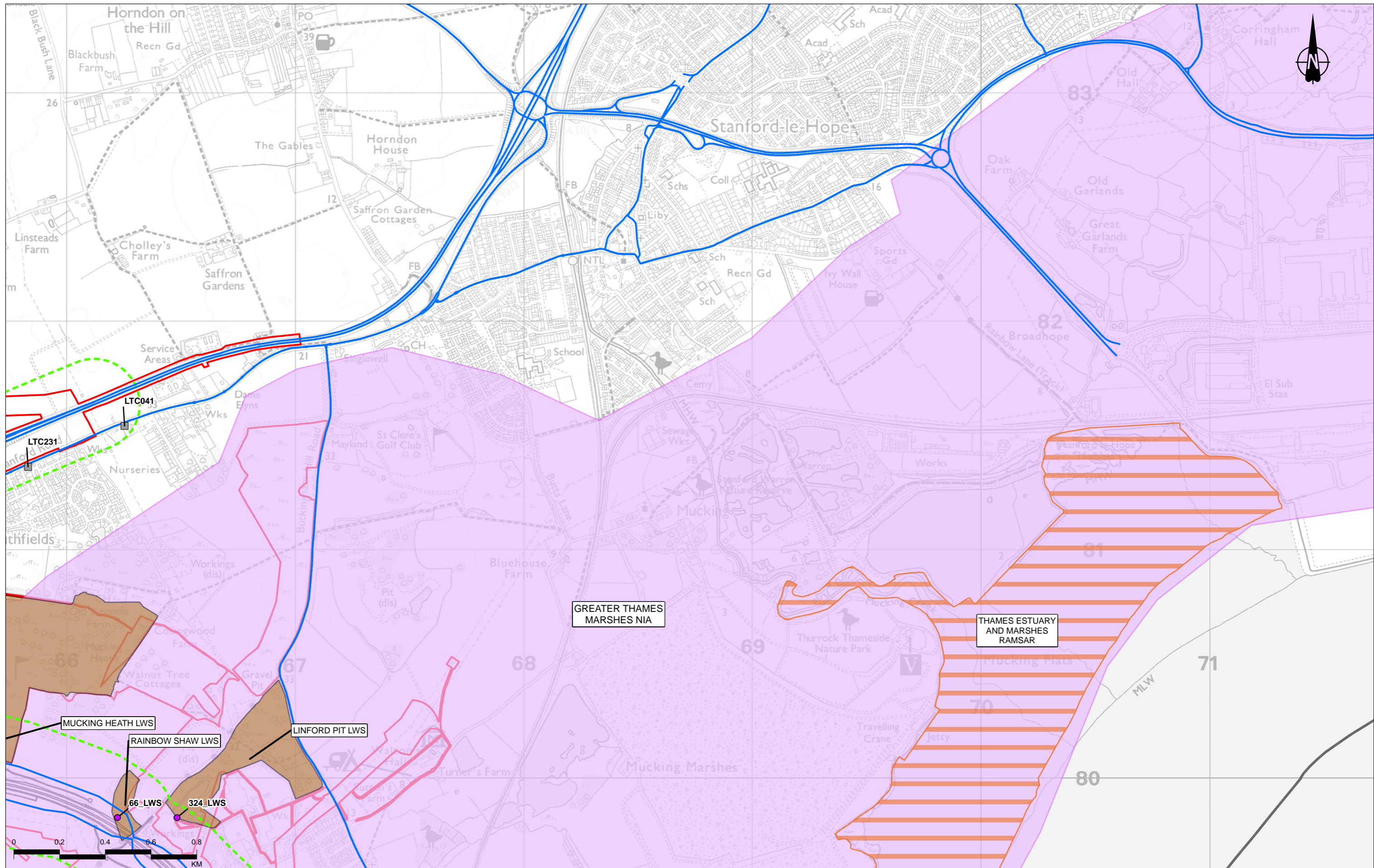
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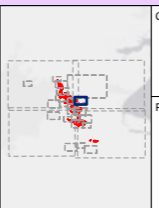
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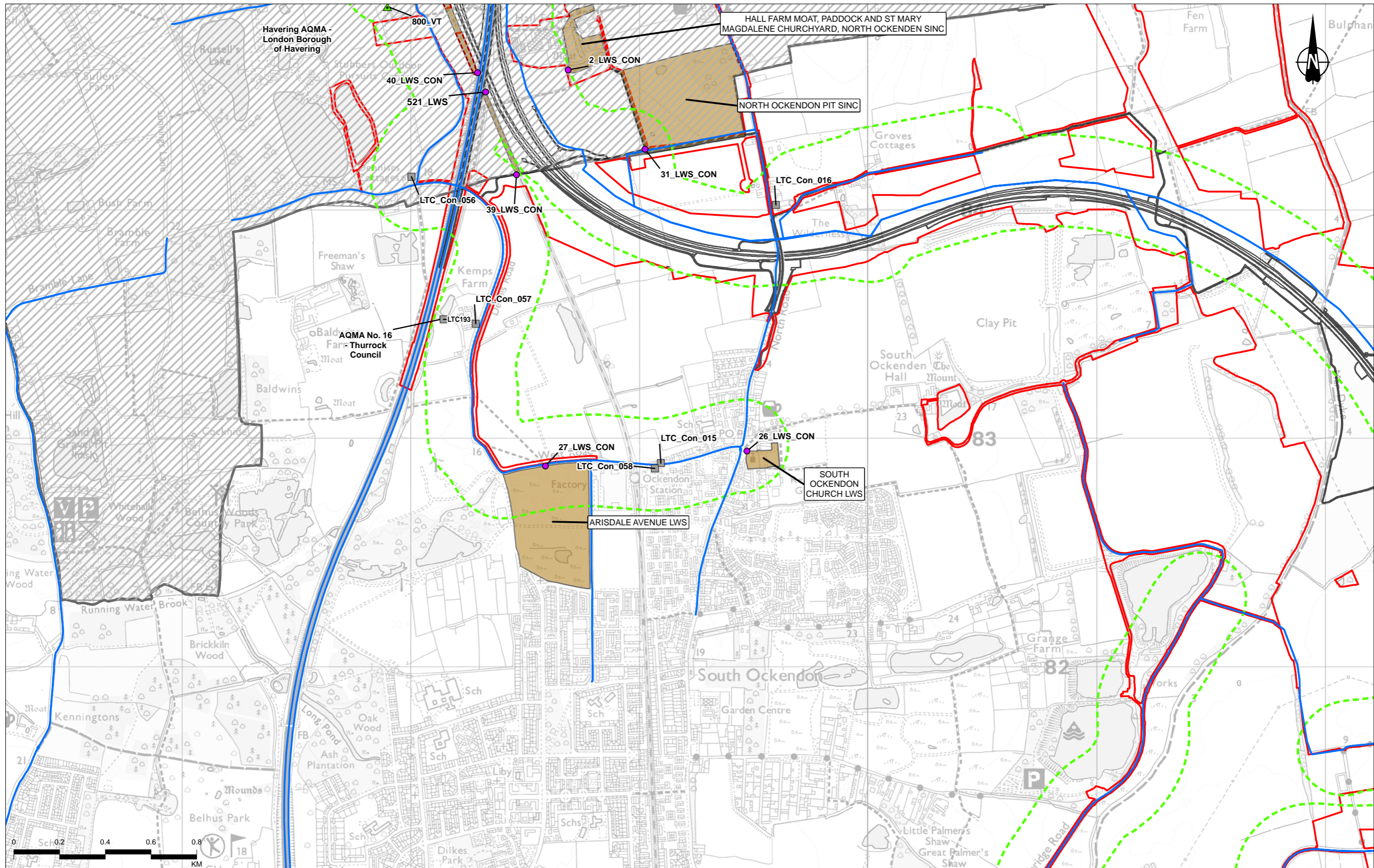
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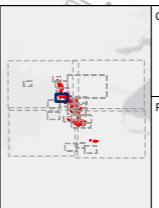
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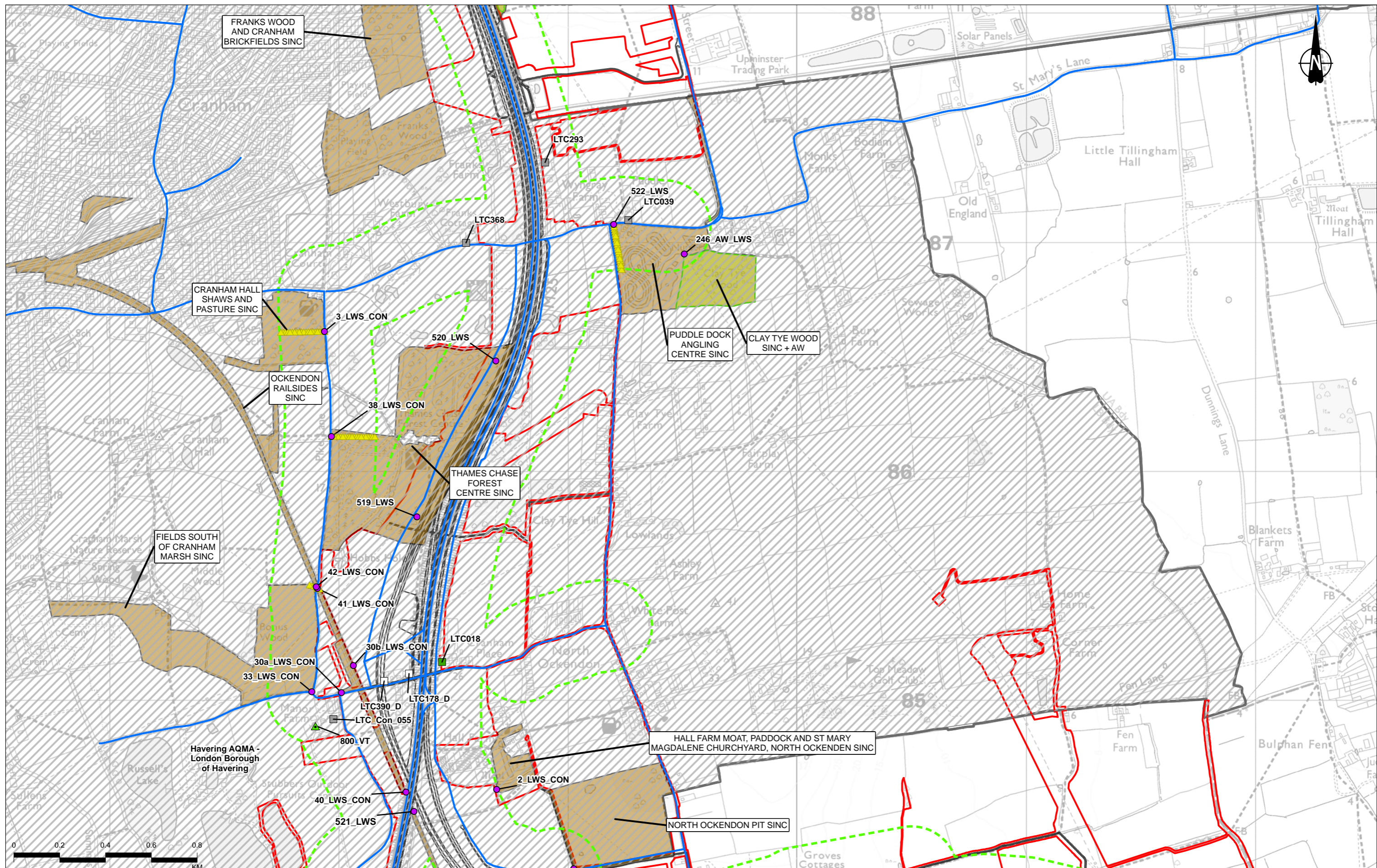


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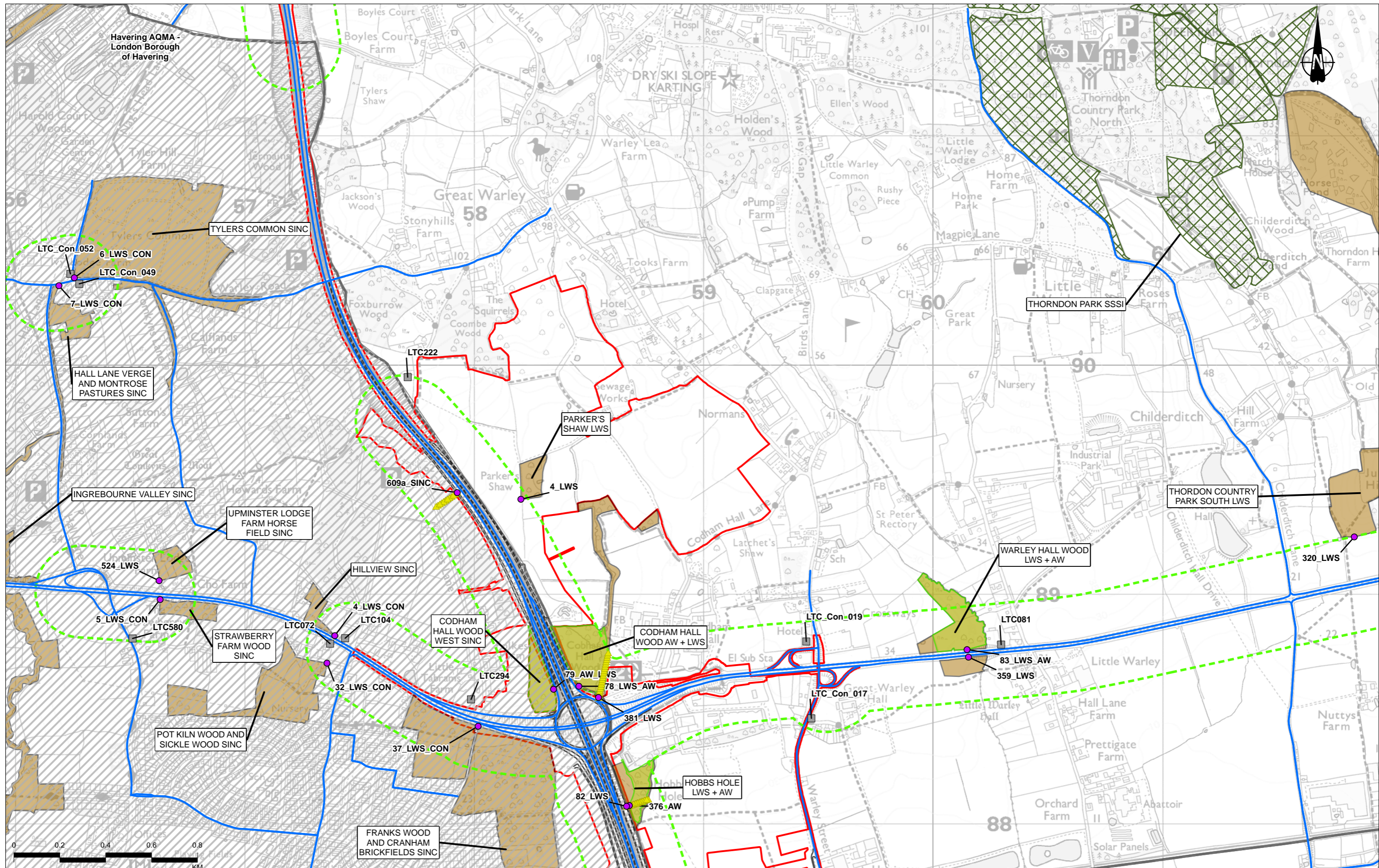
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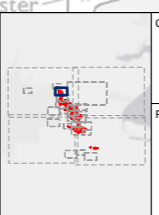
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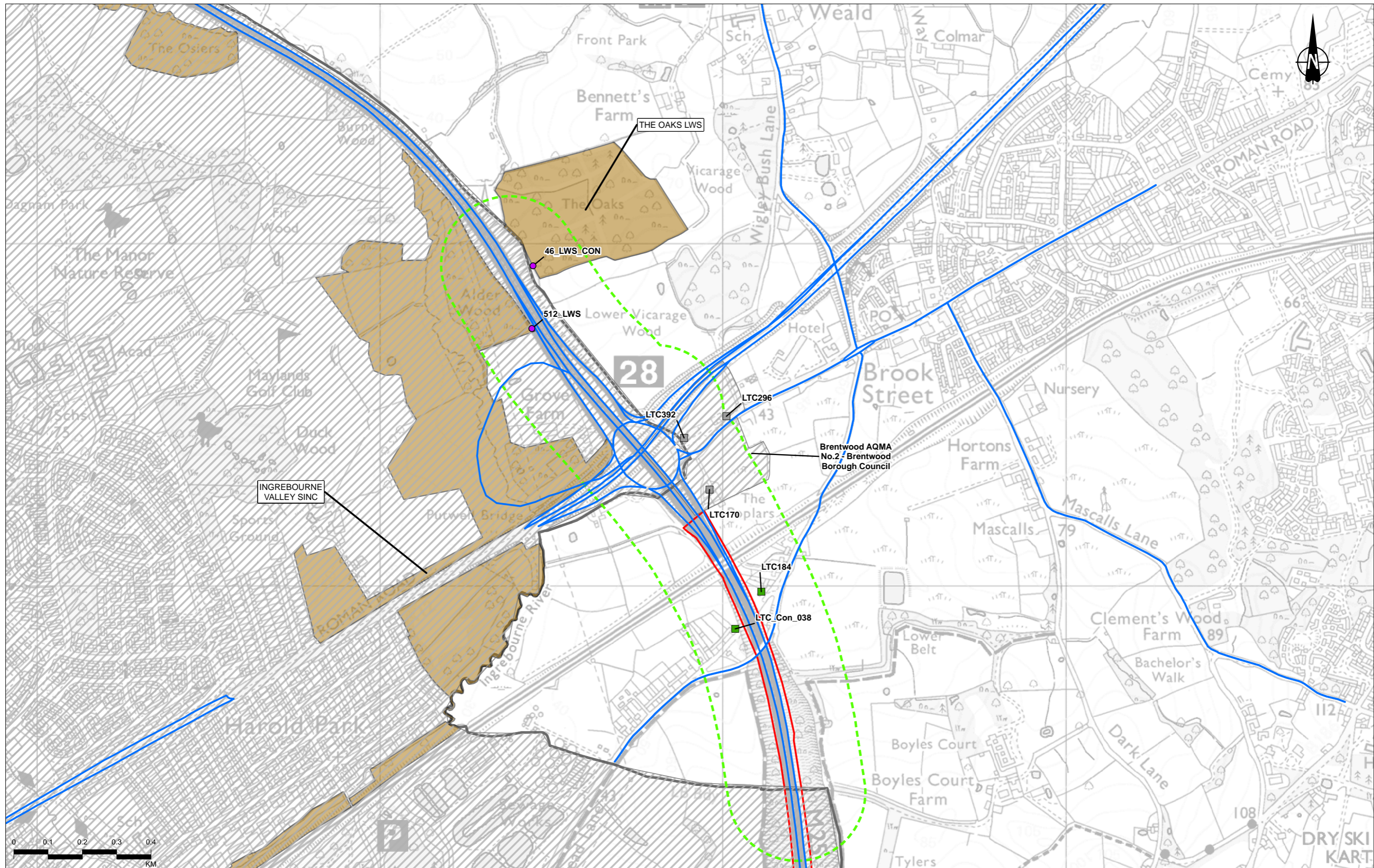
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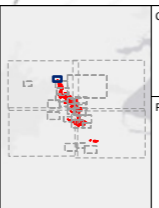
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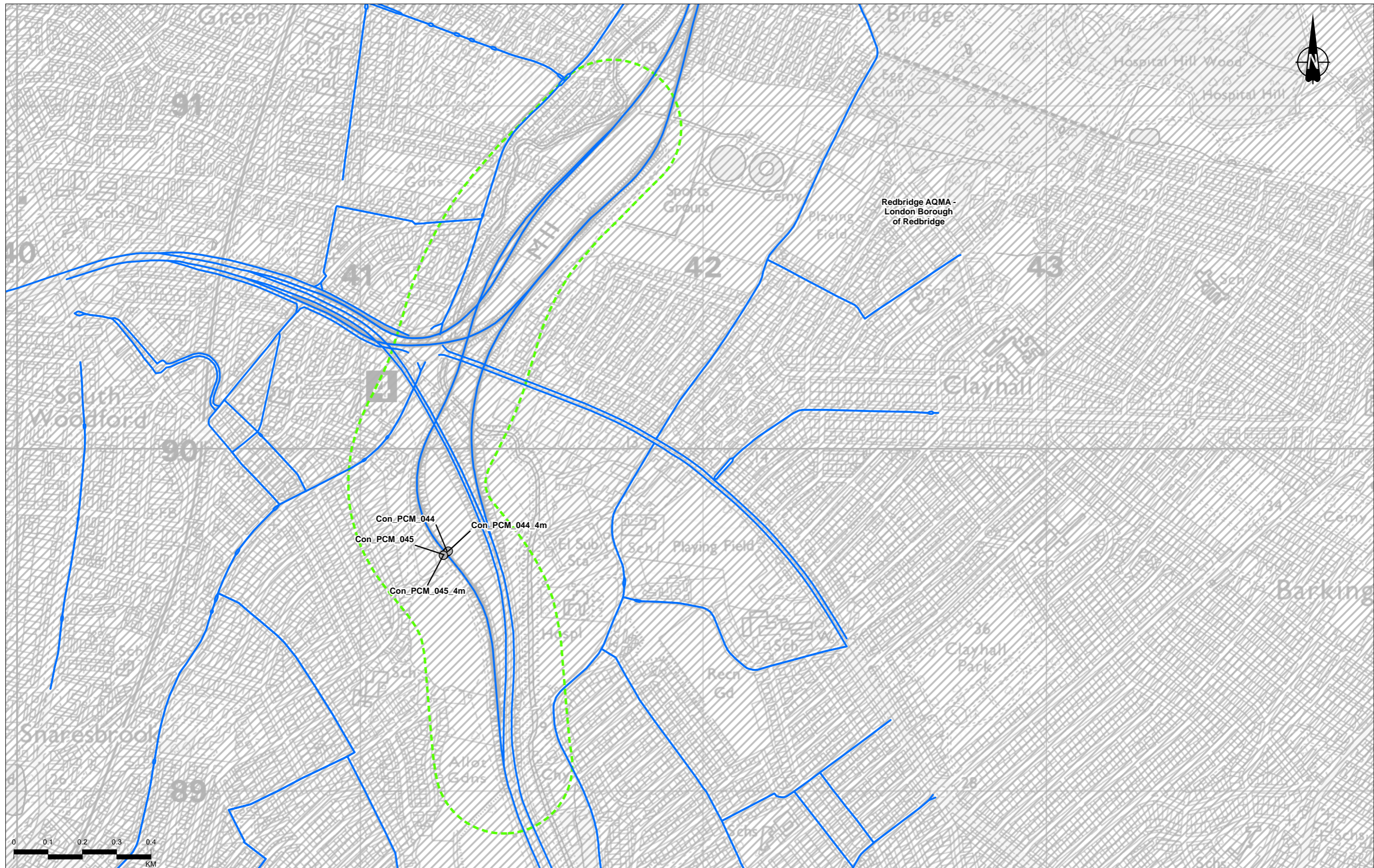
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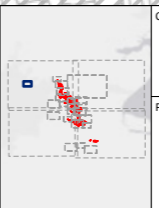
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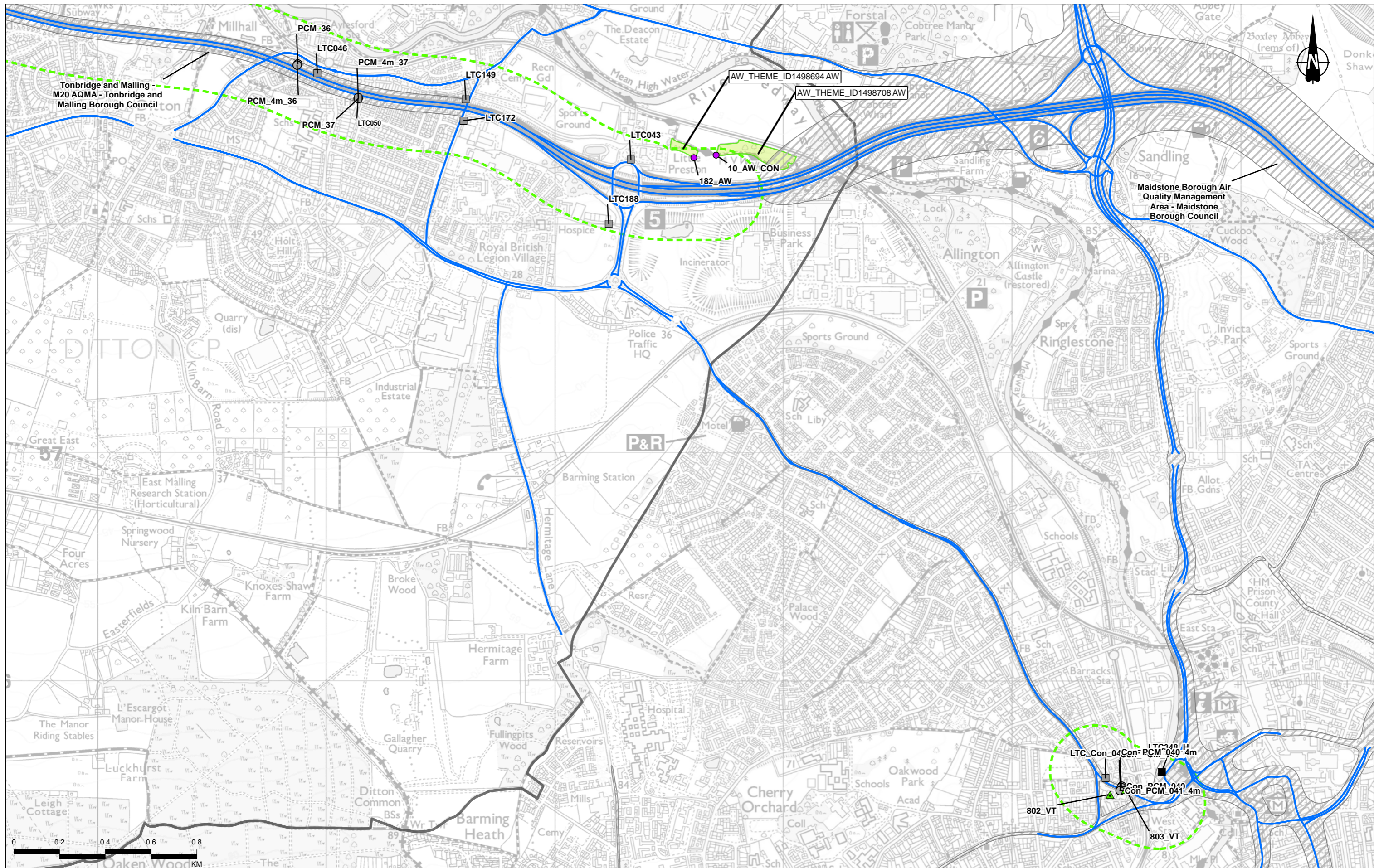
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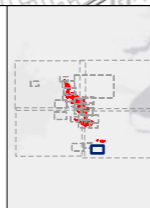


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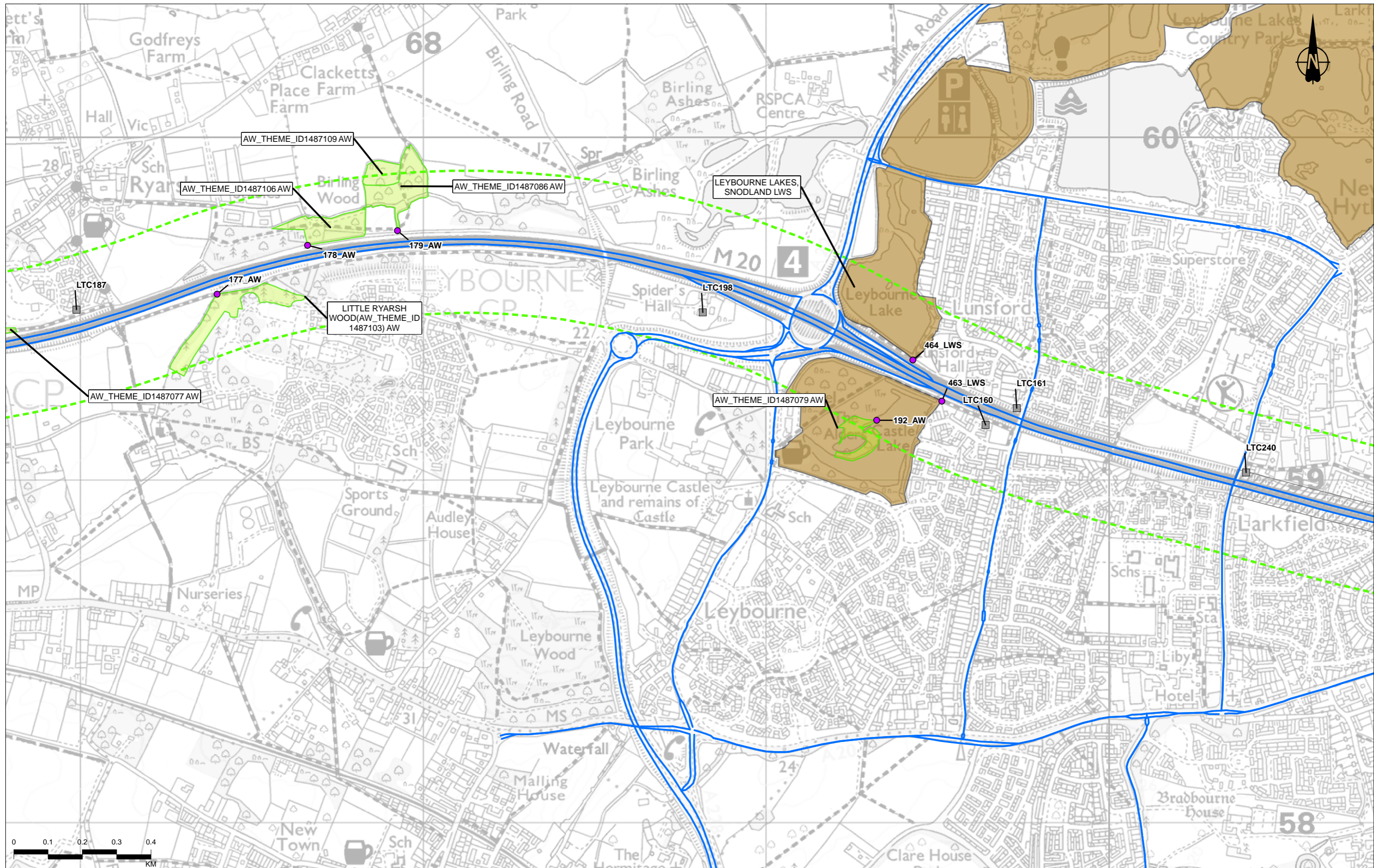
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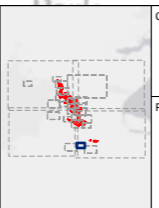
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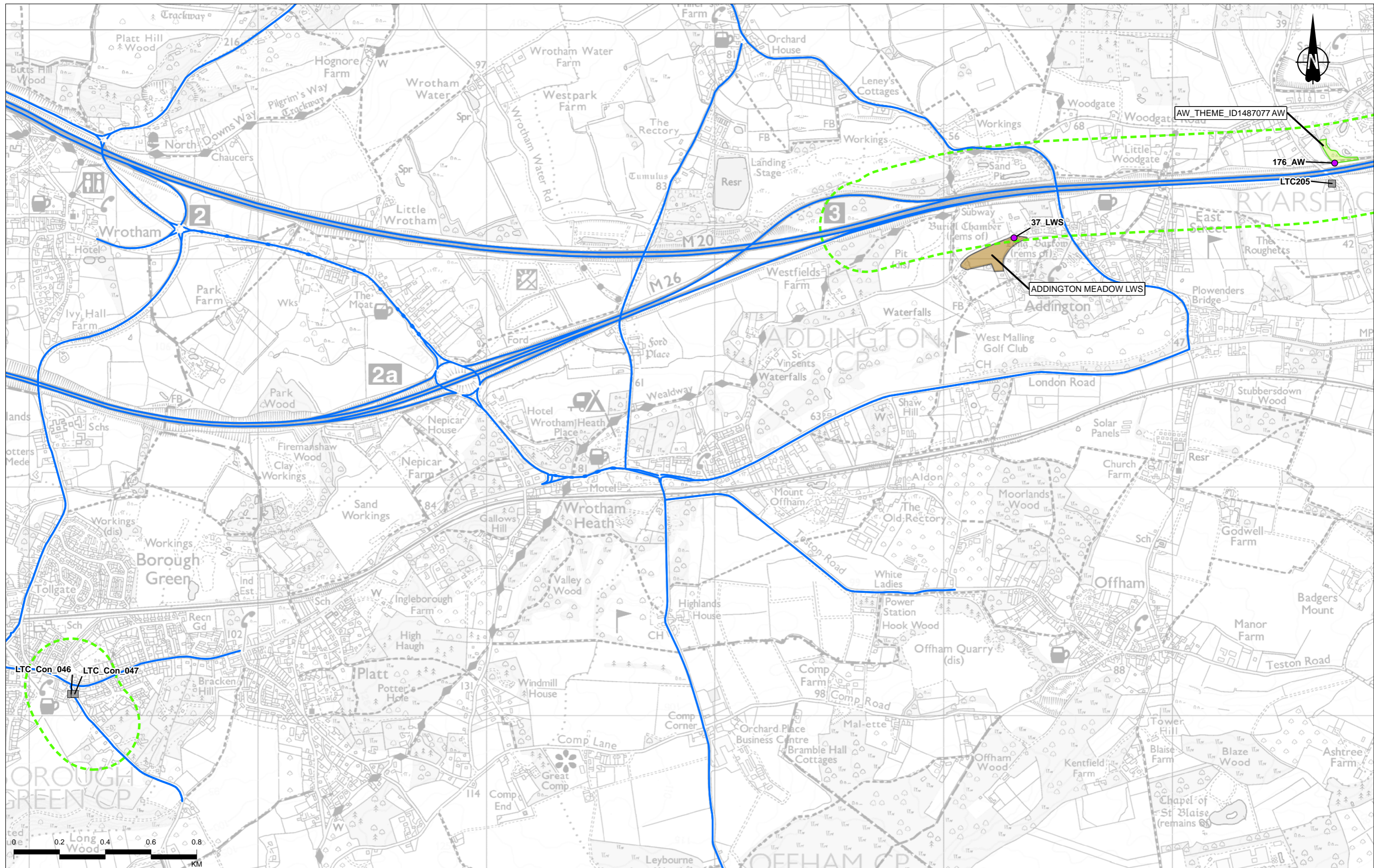


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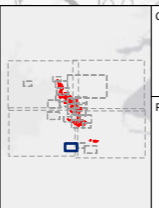
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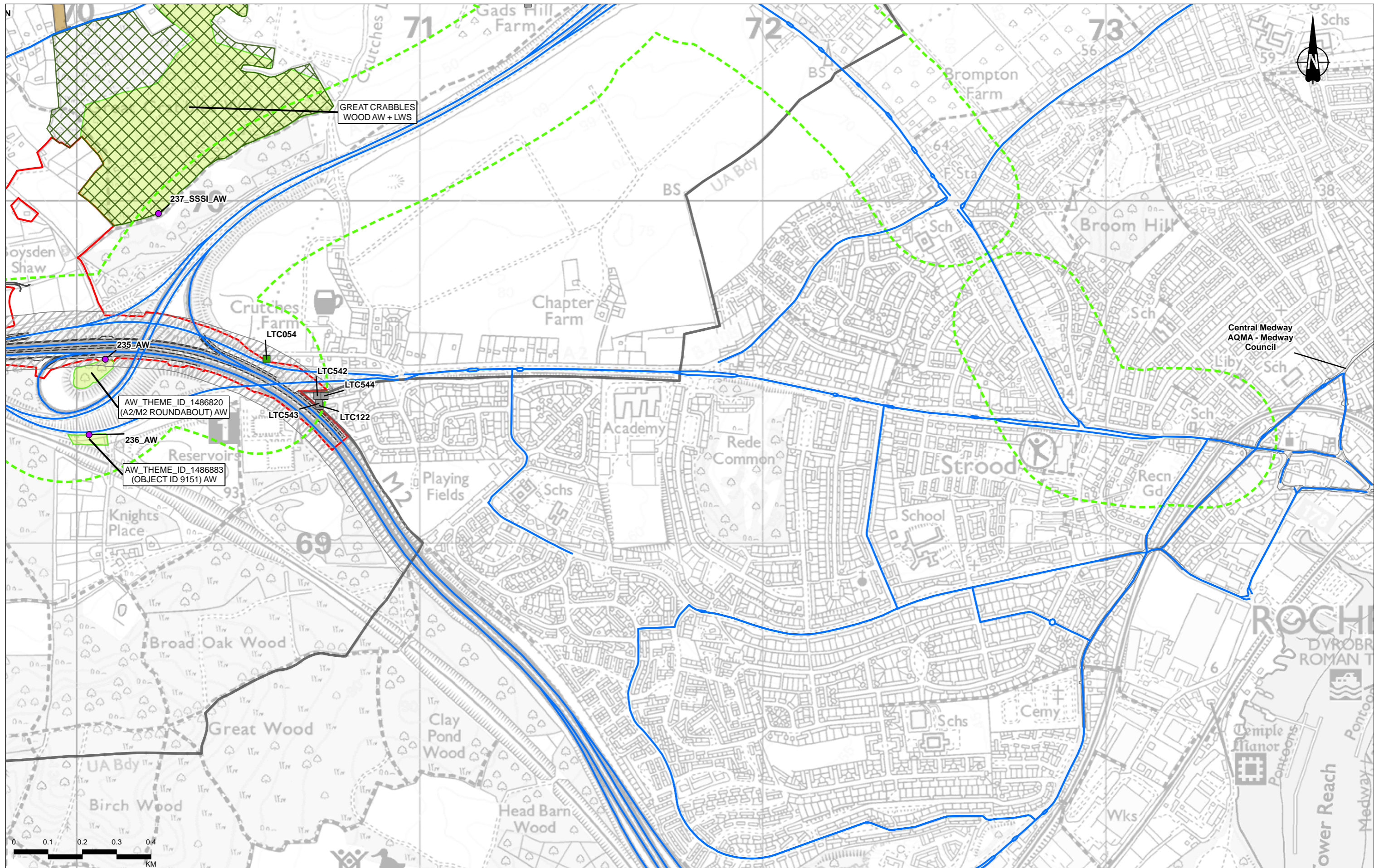
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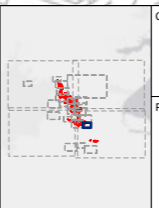
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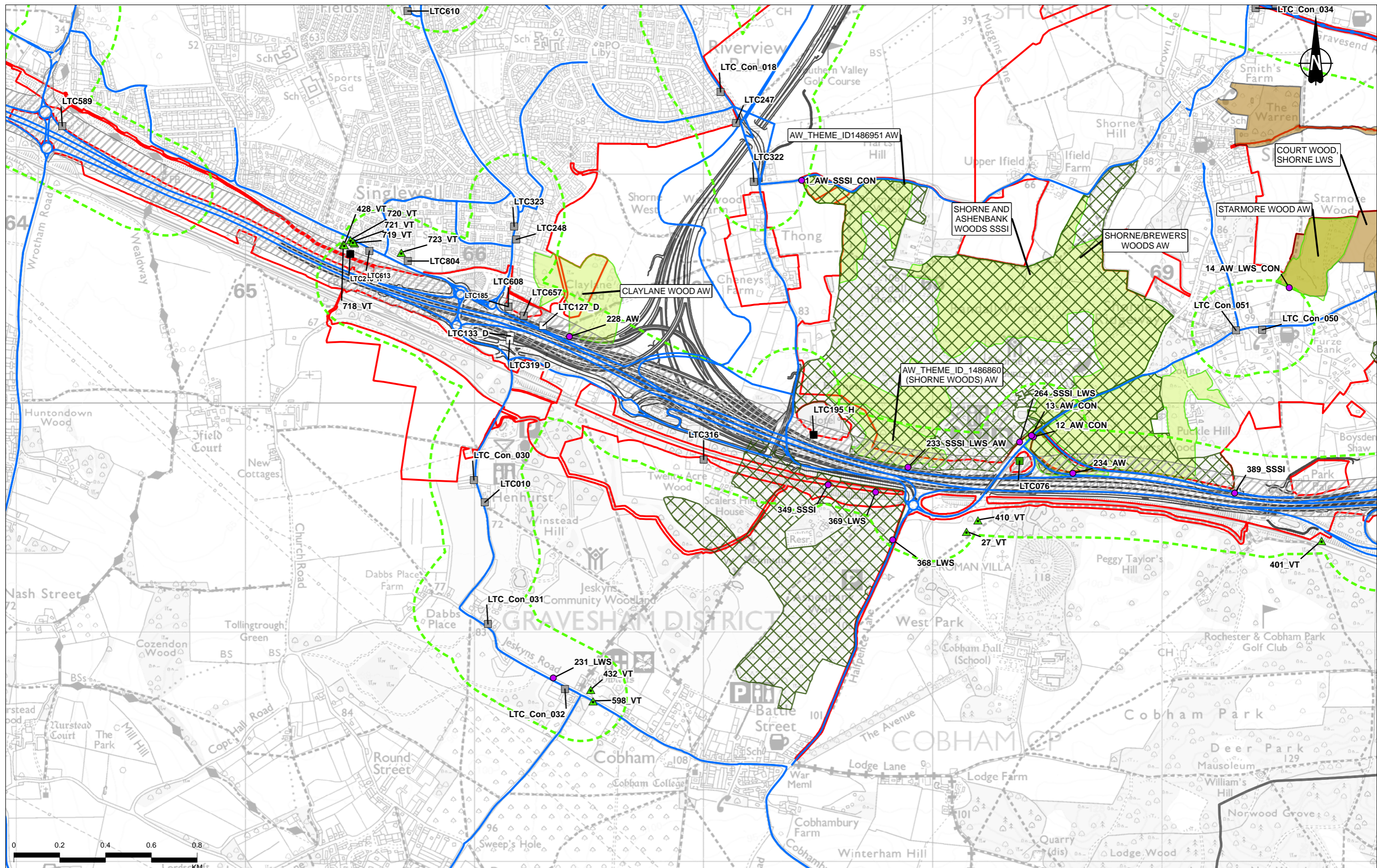
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- Study Area
- Construction Phase Modelled Road

- Air Quality Management Area (AQMA)
- Ancient Woodland (AW)
- Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)
- Nature Improvement Area (NIA)

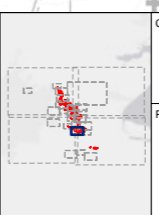
- Ramsar Site (RAMSAR)
- Sites of Special Scientific Interest (SSSI)
- Construction Receptors
 - Ecological Receptors
 - Veteran Trees

Human Receptors 2029
Project change in annual mean NO₂

- Imperceptible change
- Perceptible decrease
- Perceptible increase
- Receptor Demolished with Project

Compliance Receptors 2029
Project change in annual mean NO₂

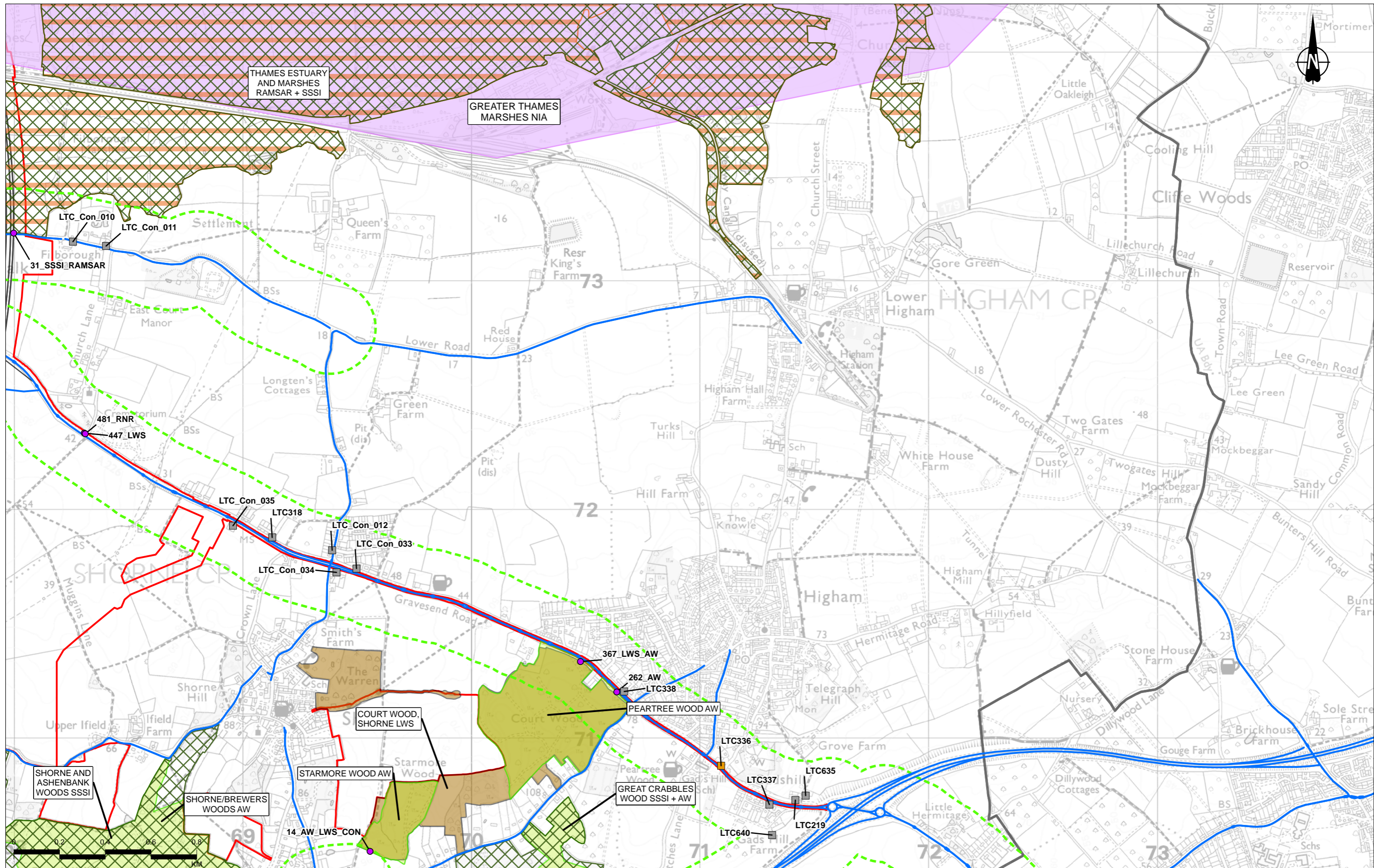
- Imperceptible change
- Perceptible decrease
- Perceptible increase



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 5.5 - Construction Traffic Receptors and Results 2029				
Drawing Number	HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50009				



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

Legend

- Route Alignment
- Order Limits
- District Borough Boundary
- Study Area
- Construction Phase Modelled Road

Air Quality Management Area (AQMA)

- Ancient Woodland (AW)
- Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)
- Nature Improvement Area (NIA)

Ramsar Site (RAMSAR)

- Sites of Special Scientific Interest (SSSI)

Construction Receptors

- Ecological Receptors
- Veteran Trees

Human Receptors 2029
Project change in annual mean NO₂

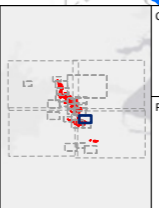
- Imperceptible change
- Perceptible decrease
- Perceptible increase
- Receptor Demolished with Project

Short-term AQS Objective Receptor

- Imperceptible change
- Perceptible decrease
- Perceptible increase

Compliance Receptors 2029
Project change in annual mean NO₂

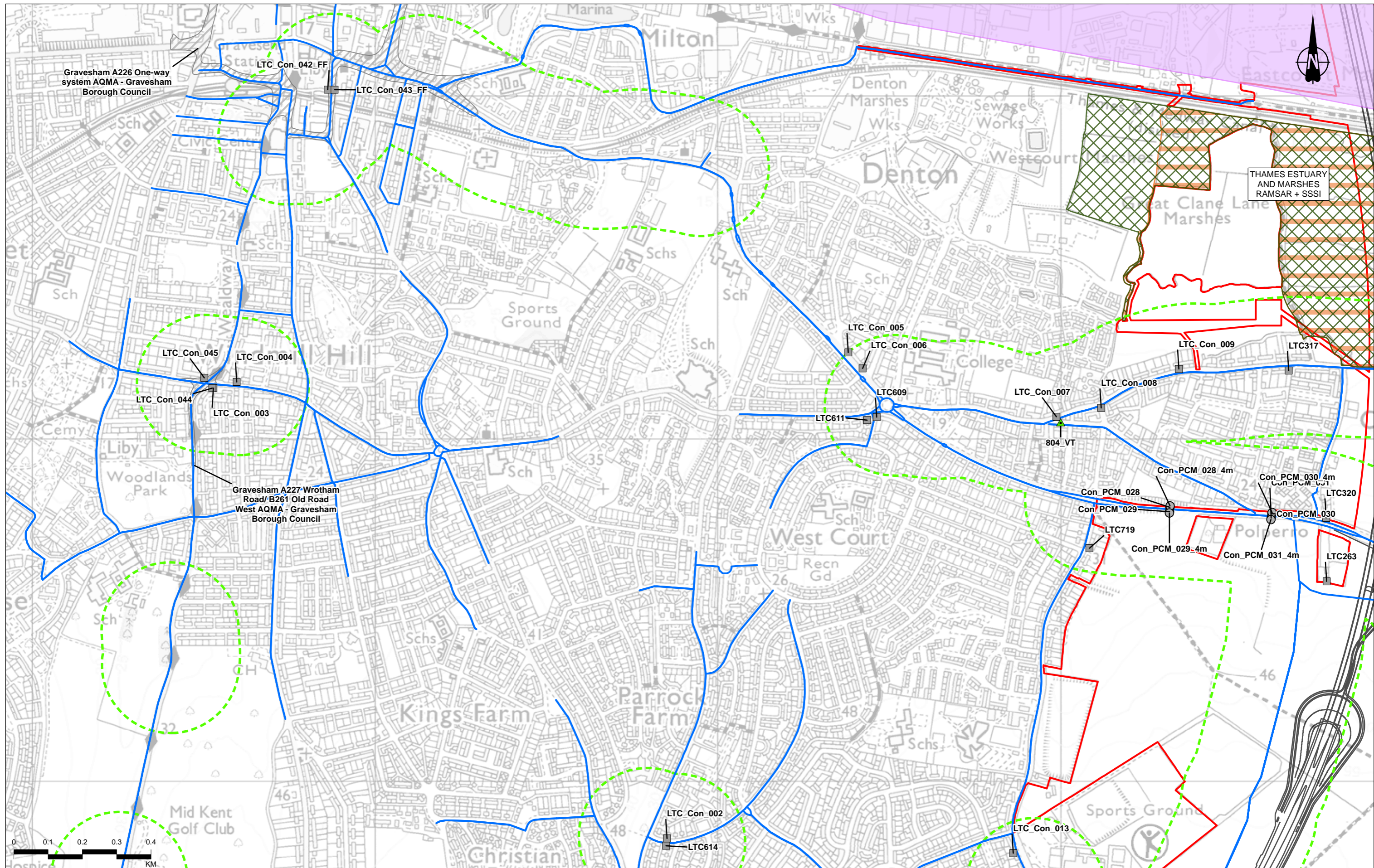
- Imperceptible change
- Perceptible decrease
- Perceptible increase



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 5.5 - Construction Traffic Receptors and Results 2029				
	Page 102 of 142				
Drawing Number	HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50009				



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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd
P02	S8	10/10/2022	DCO Application	CD	MS	PM

Legend

- Route Alignment
- Order Limits
- District Borough Boundary
- Study Area
- Construction Phase Modelled Road

- Air Quality Management Area (AQMA)
- Ancient Woodland (AW)
- Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)
- Nature Improvement Area (NIA)

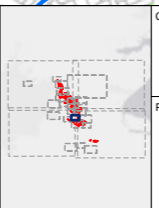
- Ramsar Site (RAMSAR)
- Sites of Special Scientific Interest (SSSI)
- Construction Receptors**
- Ecological Receptors
- Veteran Trees

Human Receptors 2029
Project change in annual mean NO₂

- Imperceptible change
- Perceptible decrease
- Perceptible increase
- Receptor Demolished with Project

Compliance Receptors 2029
Project change in annual mean NO₂

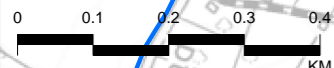
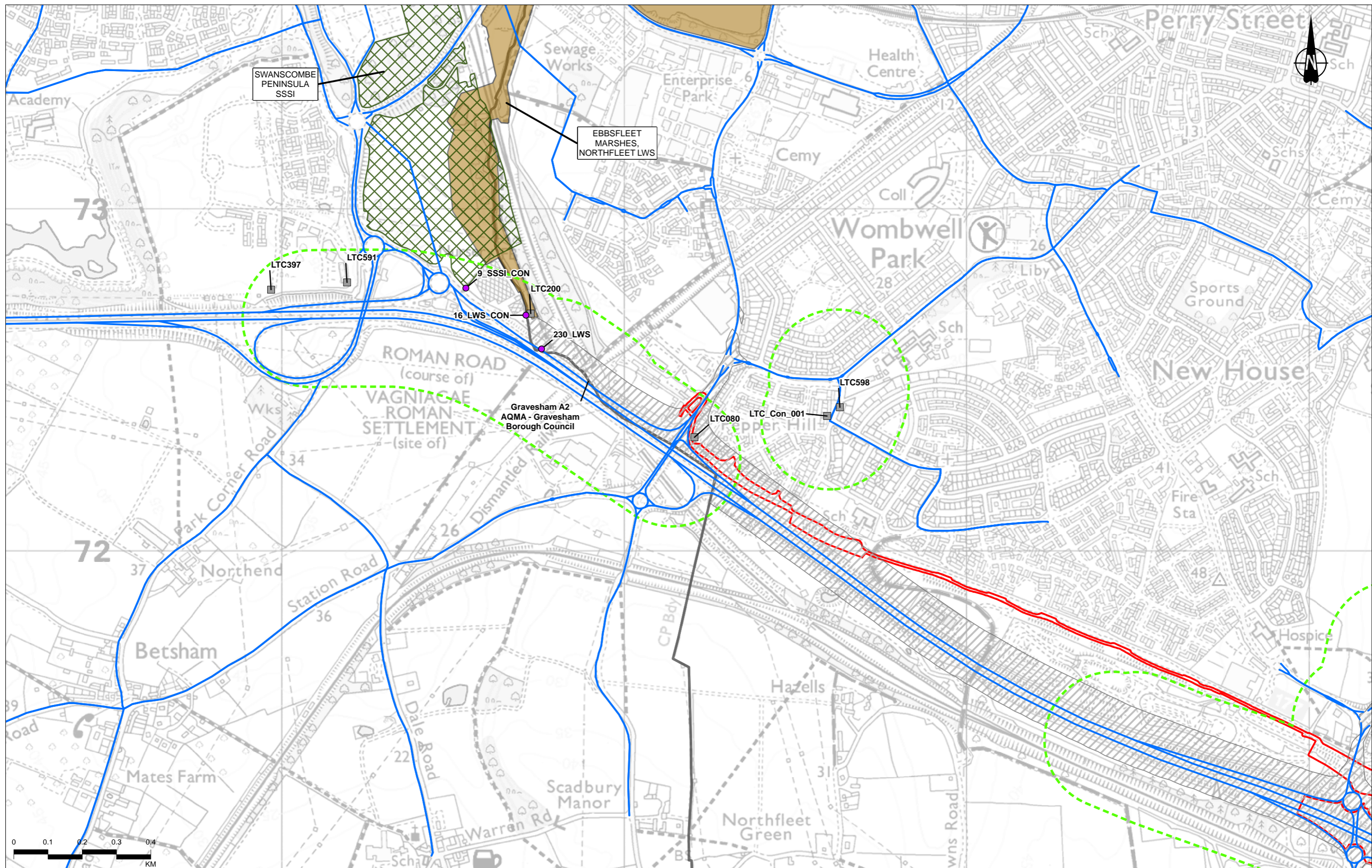
- Imperceptible change
- Perceptible decrease
- Perceptible increase



Client: **national highways**

Project: **LOWER THAMES CROSSING**

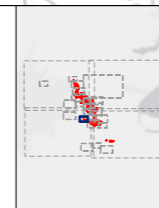
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Application Document Number	TR010032/APP/6.2	Scale	1:10,000		
Drawing Title	Figure 5.5 - Construction Traffic Receptors and Results 2029				
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Drawing Number	HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50009				



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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd
P02	S8	10/10/2022	DCO Application	CD	MS	PM

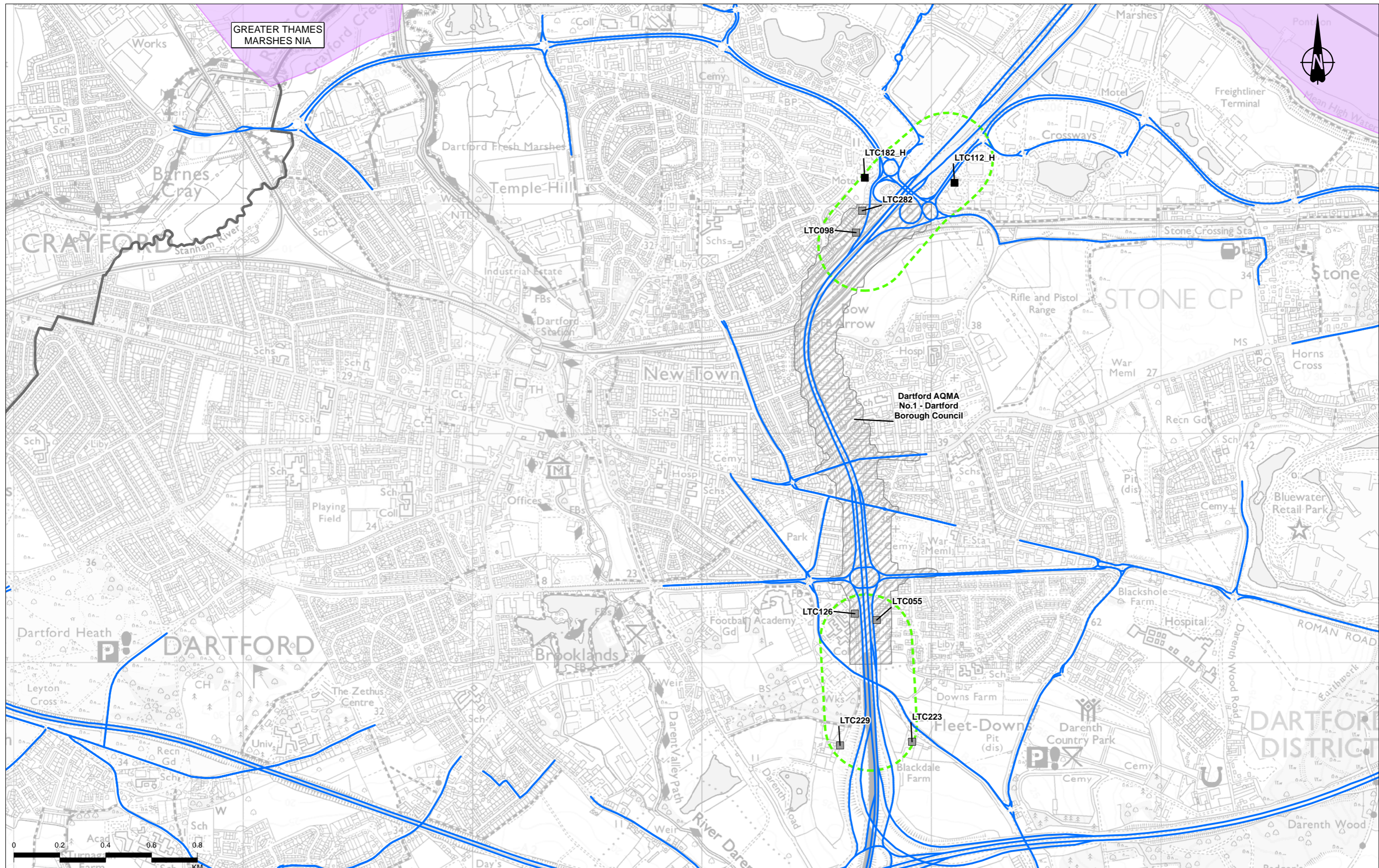
Legend		Air Quality Management Area (AQMA)		Ramsar Site (RAMSAR)		Human Receptors 2029		Compliance Receptors 2029	
	Route Alignment		Air Quality Management Area (AQMA)		Ramsar Site (RAMSAR)		Project change in annual mean NO ₂		Short-term AQS Objective Receptor
	Order Limits		Ancient Woodland (AW)		Sites of Special Scientific Interest (SSSI)		Imperceptible change		Imperceptible change
	Study Area		Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)		Construction Receptors		Perceptible decrease		Perceptible decrease
	Construction Phase Modelled Road		Nature Improvement Area (NIA)		Ecological Receptors		Perceptible increase		Perceptible increase
					Veteran Trees		Receptor Demolished with Project		



Client: national highways

Project: LOWER THAMES CROSSING

Status	DCO Application	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:10,000		
Drawing Title	Figure 5.5 - Construction Traffic Receptors and Results 2029				
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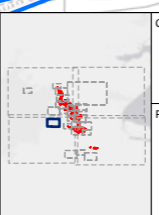
- Legend**
- Route Alignment
 - Order Limits
 - District Borough Boundary
 - Study Area
 - Construction Phase Modelled Road

- Air Quality Management Area (AQMA)
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- Ramsar Site (RAMSAR)
- Sites of Special Scientific Interest (SSSI)
- Construction Receptors**
- Ecological Receptors
- Veteran Trees

- Human Receptors 2029**
Project change in annual mean NO₂
- Imperceptible change
 - Perceptible decrease
 - Perceptible increase
 - Receptor Demolished with Project

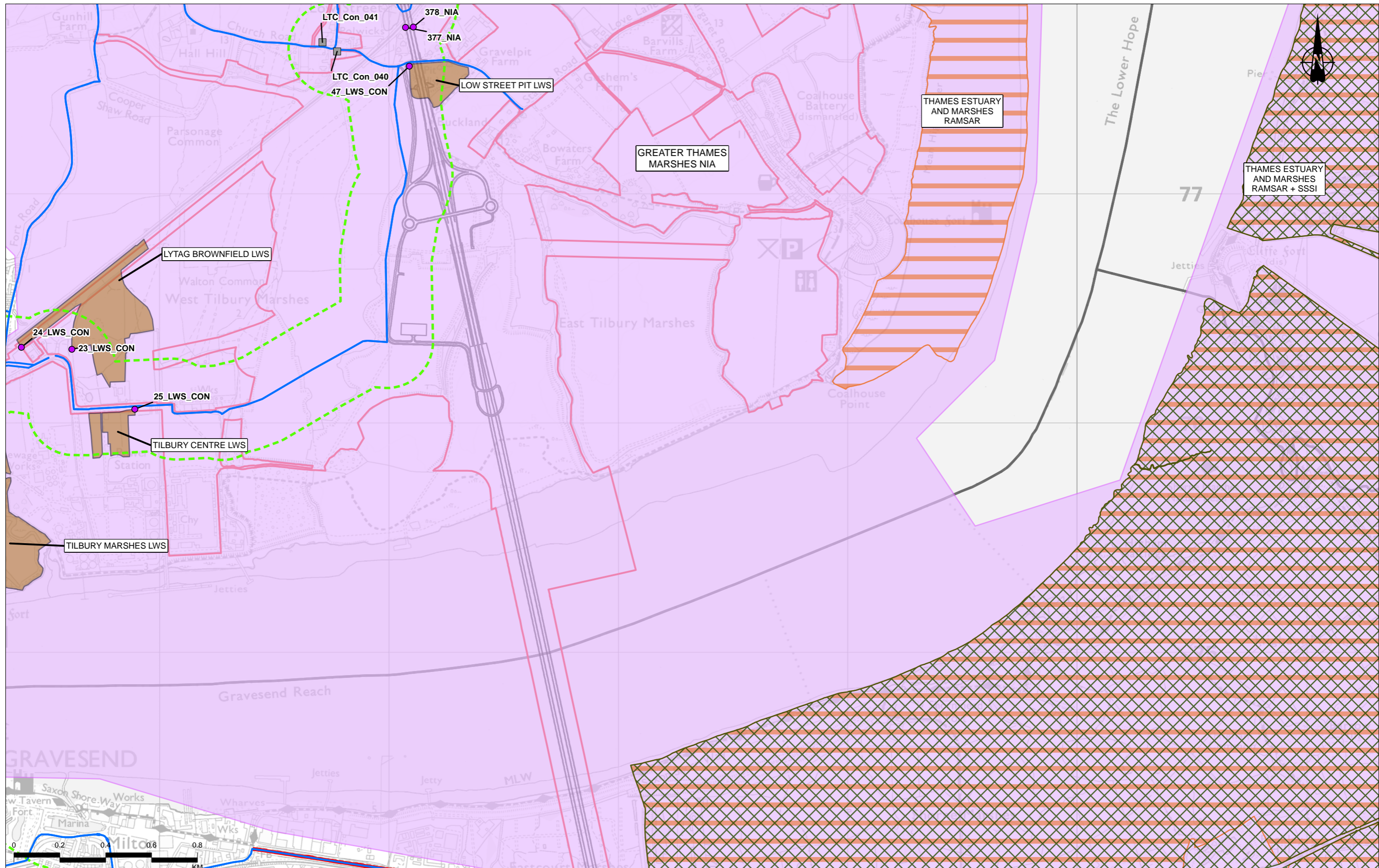
- Compliance Receptors 2029**
Project change in annual mean NO₂
- Imperceptible change
 - Perceptible decrease
 - Perceptible increase



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 5.5 - Construction Traffic Receptors and Results 2029				
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Drawing Number	HE540039-CJV-EAQ-SZP_EGNE0000000-DR-LE-50009				



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P02	S2	10/10/2022	DCO Application	CD	MS	PM

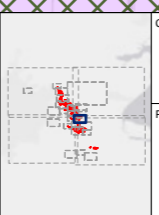
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- Route Alignment
 - Order Limits
 - District Borough Boundary
 - Study Area
 - Construction Phase Modelled Road

- Air Quality Management Area (AQMA)
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- Ramsar Site (RAMSAR)
- Sites of Special Scientific Interest (SSSI)
- **Construction Receptors**
- Ecological Receptors
- Veteran Trees

- Human Receptors 2029**
Project change in annual mean NO₂
- Imperceptible change
 - Perceptible decrease
 - Perceptible increase
 - Receptor Demolished with Project

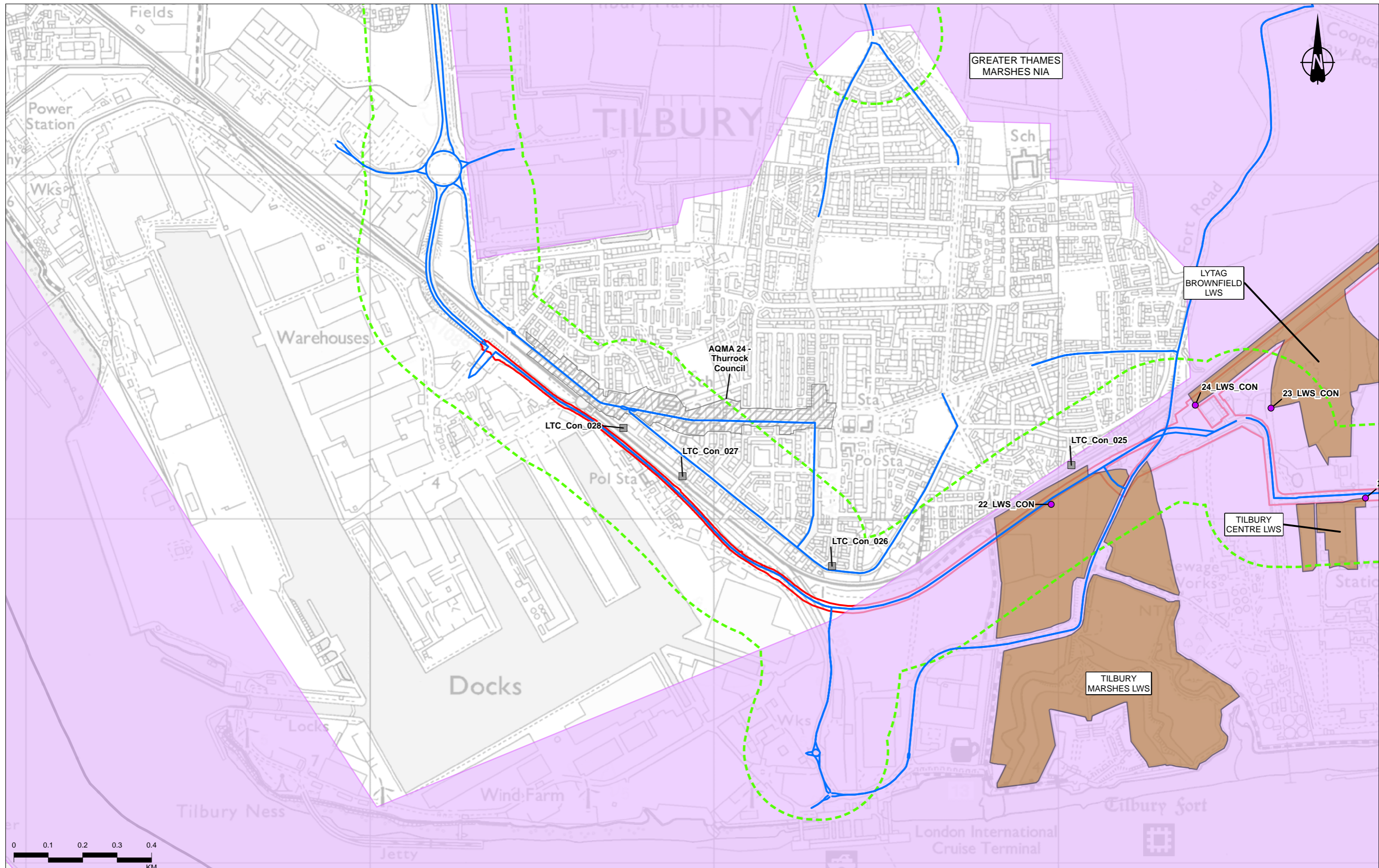
- Compliance Receptors 2029**
Project change in annual mean NO₂
- Short-term AQS Objective Receptor
 - Imperceptible change
 - Perceptible decrease
 - Perceptible increase



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 5.5 - Construction Traffic Receptors and Results 2029				
	Page 106 of 142				
Drawing Number	HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50009				



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P02	S8	10/10/2022	DCO Application	CD	MS	PM

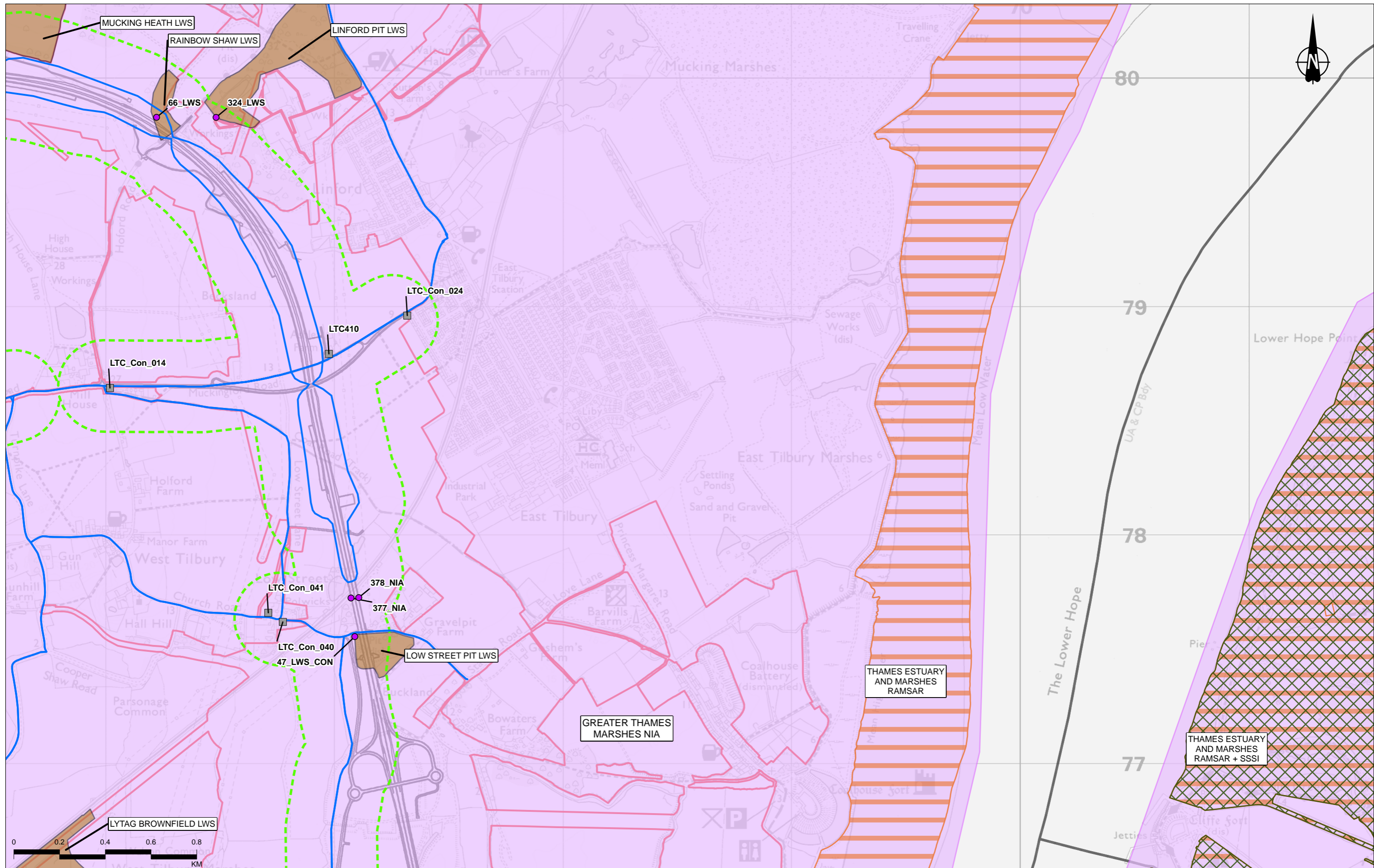
Legend

- Route Alignment
- Order Limits
- District Borough Boundary
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- Construction Phase Modelled Road
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 - Ecological Receptors
 - Veteran Trees
- Human Receptors 2029
 - Project change in annual mean NO₂
 - Imperceptible change
 - Perceptible decrease
 - Perceptible increase
 - Receptor Demolished with Project
 - Short-term AQS Objective Receptor
 - Compliance Receptors 2029
 - Project change in annual mean NO₂
 - Imperceptible change
 - Perceptible decrease
 - Perceptible increase

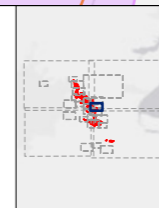
Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO Application	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:10,000		
Drawing Title	Figure 5.5 - Construction Traffic Receptors and Results 2029 Page 107 of 142				
Drawing Number	HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50009				



Legend Route Alignment Order Limits District Borough Boundary Study Area Construction Phase Modelled Road Air Quality Management Area (AQMA) Ancient Woodland (AW) Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC) Nature Improvement Area (NIA)	Ramsar Site (RAMSAR) Sites of Special Scientific Interest (SSSI) Construction Receptors Ecological Receptors Veteran Trees	Human Receptors 2029 Project change in annual mean NO ₂ Imperceptible change Perceptible decrease Perceptible increase Receptor Demolished with Project	Compliance Receptors 2029 Project change in annual mean NO ₂ Imperceptible change Perceptible decrease Perceptible increase Short-term AQS Objective Receptor
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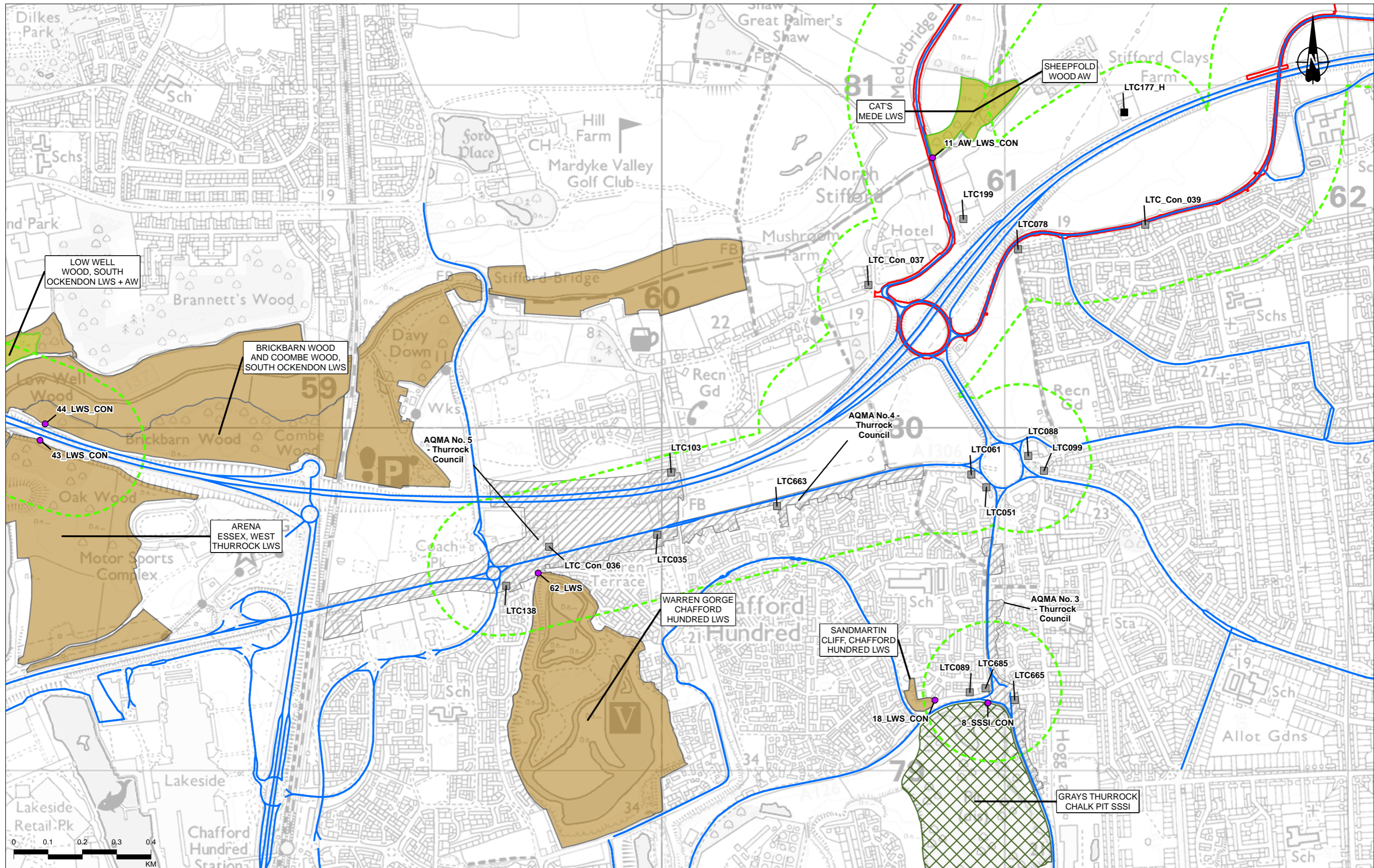


Client: national highways

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 5.5 - Construction Traffic Receptors and Results 2029				
Drawing Number	HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50009				

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd
P02	S8	10/10/2022	DCO Application	CD	MS	PM

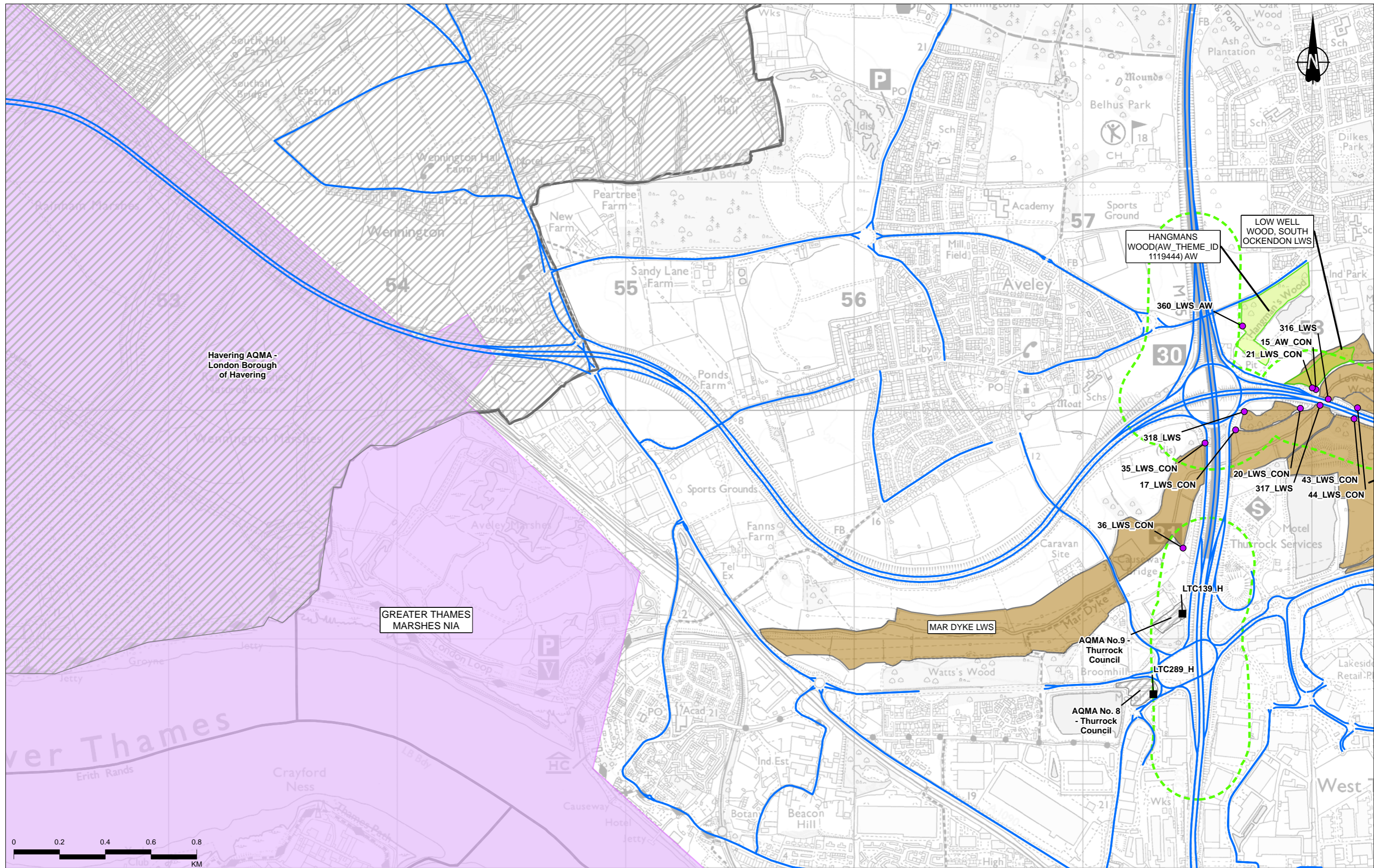
Legend

- Route Alignment
- Order Limits
- District Borough Boundary
- Study Area
- Construction Phase Modelled Road
- Air Quality Management Area (AQMA)
- Ancient Woodland (AW)
- Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)
- Nature Improvement Area (NIA)
- Ramsar Site (RAMSAR)
- Sites of Special Scientific Interest (SSSI)
- Construction Receptors
 - Ecological Receptors
 - Veteran Trees
- Human Receptors 2029
 - Project change in annual mean NO₂
 - Imperceptible change
 - Perceptible decrease
 - Perceptible increase
 - Receptor Demolished with Project
- Short-term AQS Objective Receptor
- Compliance Receptors 2029
 - Project change in annual mean NO₂
 - Imperceptible change
 - Perceptible decrease
 - Perceptible increase

Client: national highways

Project: LOWER THAMES CROSSING

Status	DCO Application	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:10,000		
Drawing Title	Figure 5.5 - Construction Traffic Receptors and Results 2026				
	Page 110 of 142				
Drawing Number	HE540039-CJV-EAQ-SZP_EGNE0000000-DR-LE-50009				



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

Legend

- Route Alignment
- Order Limits
- District Borough Boundary
- Study Area
- Construction Phase Modelled Road

- Air Quality Management Area (AQMA)
- Ancient Woodland (AW)
- Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)
- Nature Improvement Area (NIA)

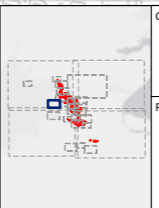
- Ramsar Site (RAMSAR)
- Sites of Special Scientific Interest (SSSI)
- Construction Receptors**
- Ecological Receptors
- Veteran Trees

Human Receptors 2029
Project change in annual mean NO₂

- Imperceptible change
- Perceptible decrease
- Perceptible increase
- Receptor Demolished with Project

Compliance Receptors 2029
Project change in annual mean NO₂

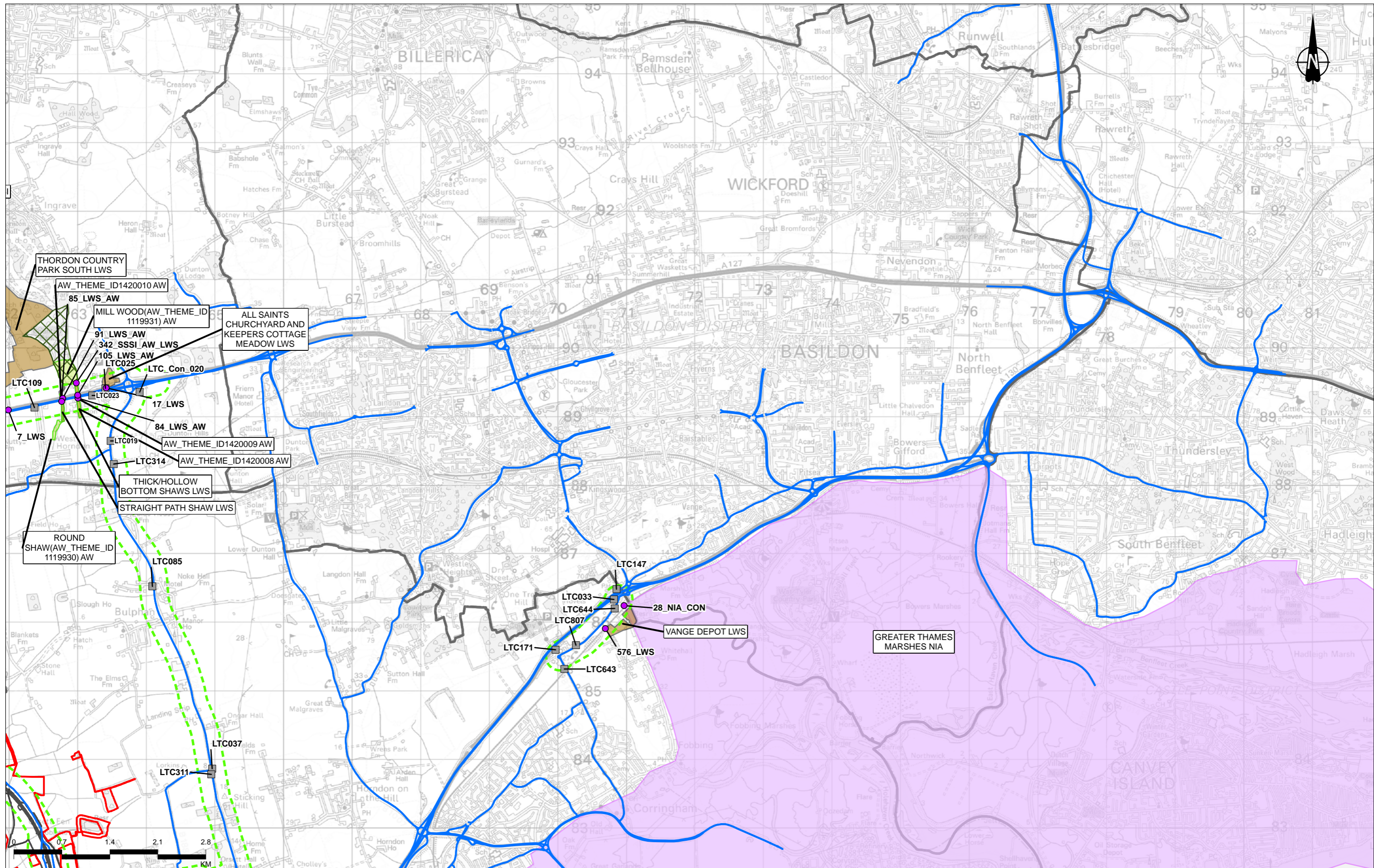
- Imperceptible change
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- Perceptible increase



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 5.5 - Construction Traffic Receptors and Results 2029				
Drawing Number	HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50009				



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

Legend

- Route Alignment
- Order Limits
- District Borough Boundary
- Study Area
- Construction Phase Modelled Road

- Air Quality Management Area (AQMA)
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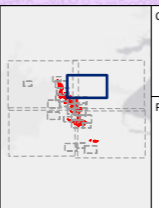
- Ramsar Site (RAMSAR)
- Sites of Special Scientific Interest (SSSI)
- Construction Receptors**
 - Ecological Receptors
 - Veteran Trees

Human Receptors 2029
Project change in annual mean NO₂

- Imperceptible change
- Perceptible decrease
- Perceptible increase
- Receptor Demolished with Project

Compliance Receptors 2029
Project change in annual mean NO₂

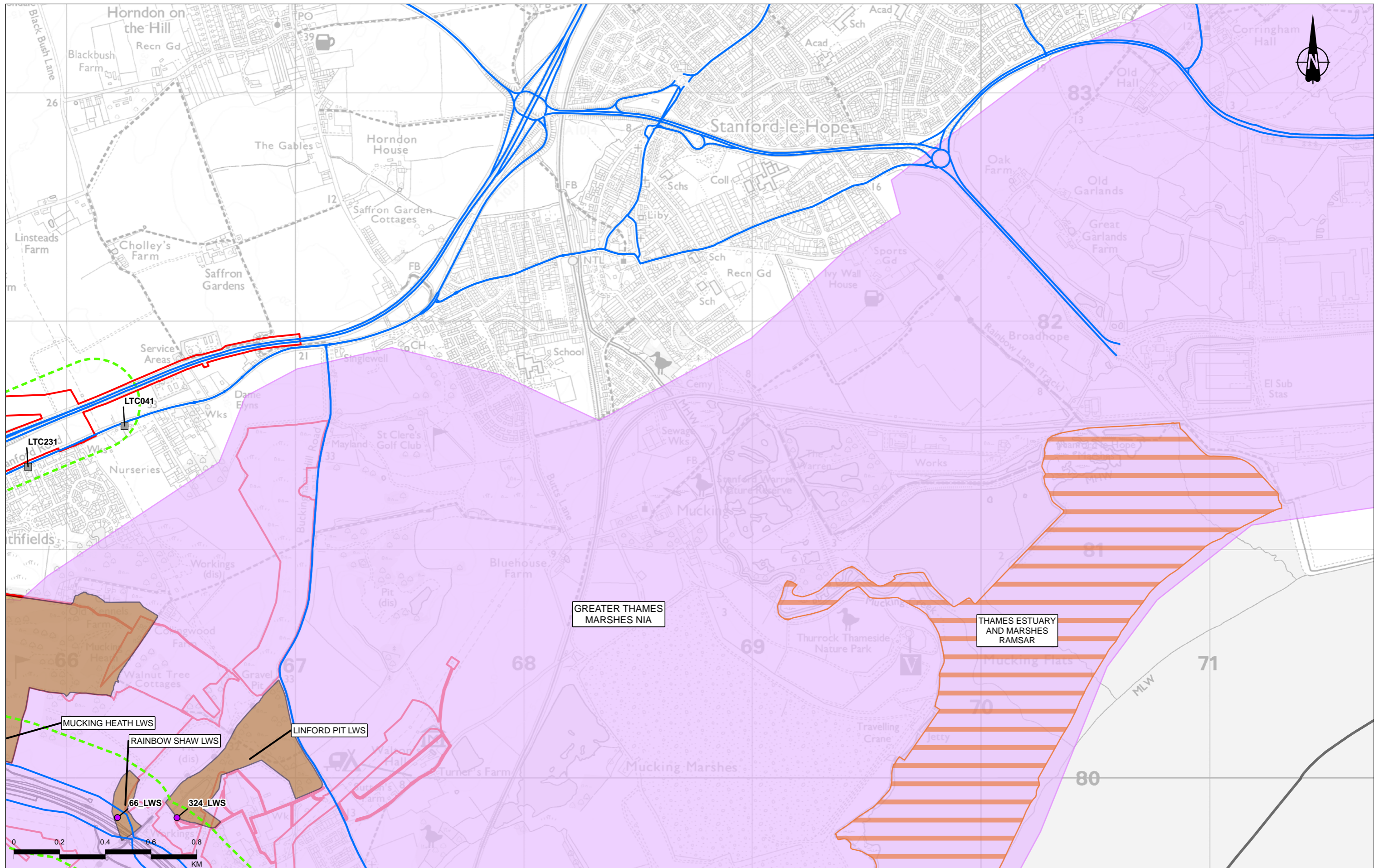
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- Perceptible decrease
- Perceptible increase



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO Application	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 5.5 - Construction Traffic Receptors and Results 2026				
Page 112 of 142					
Drawing Number	HE540039-CJV-EAQ-SZP_EGNE0000000-DR-LE-50009				



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

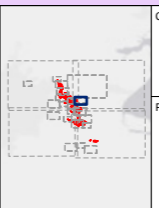
- Legend**
- Route Alignment
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 - Construction Phase Modelled Road

- Air Quality Management Area (AQMA)
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- Ecological Receptors
- Veteran Trees

- Human Receptors 2029**
Project change in annual mean NO₂
- Imperceptible change
 - Perceptible decrease
 - Perceptible increase
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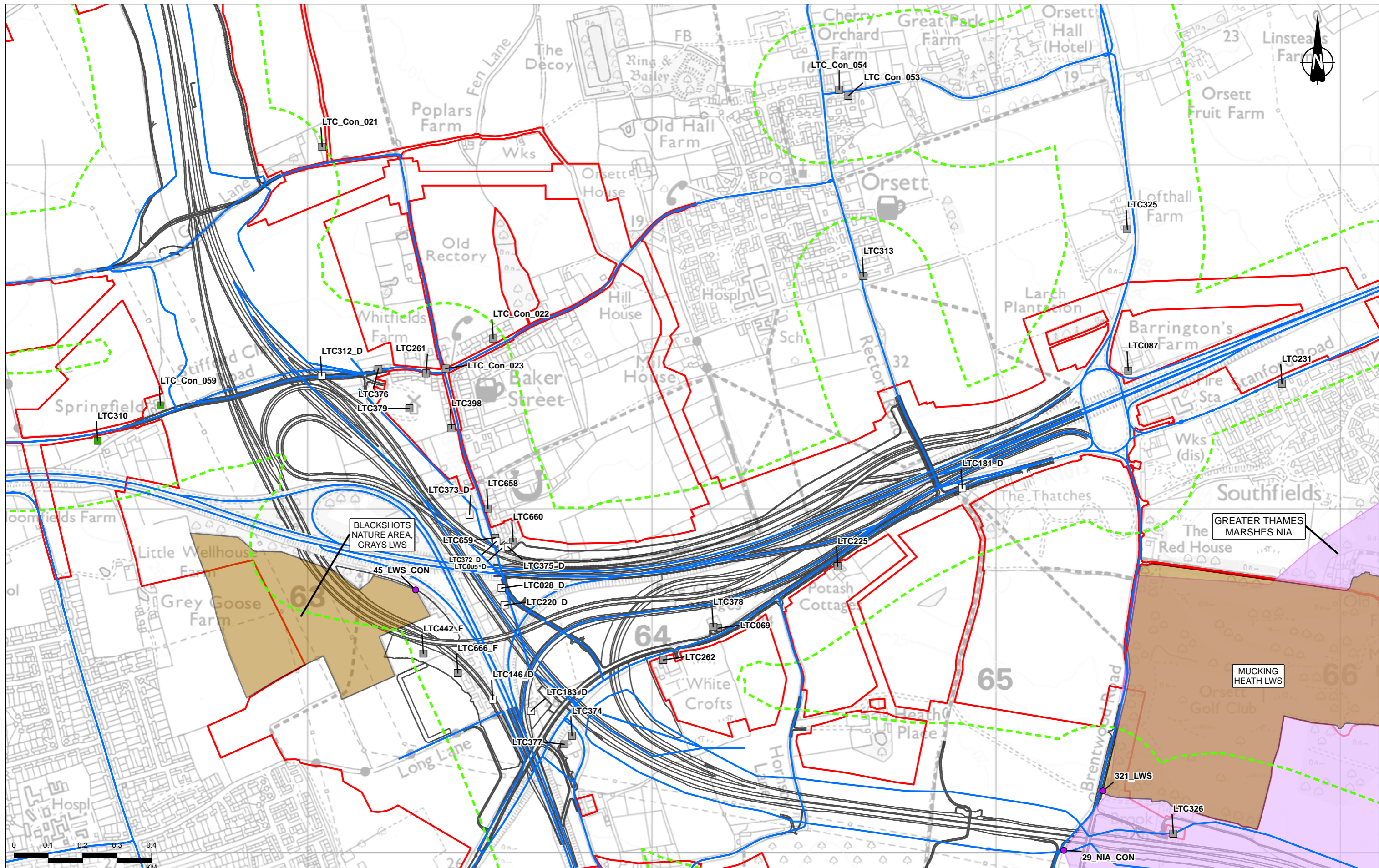
- Compliance Receptors 2029**
Project change in annual mean NO₂
- Imperceptible change
 - Perceptible decrease
 - Perceptible increase



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 5.5 - Construction Traffic Receptors and Results 2029				
	Page 113 of 142				
Drawing Number	HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50009				



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Legend

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

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Ramsar Site (RAMSAR)

- Sites of Special Scientific Interest (SSSI)

Construction Receptors

- Ecological Receptors
- Veteran Trees

Human Receptors 2029

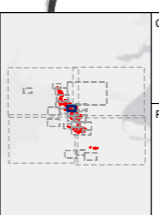
Project change in annual mean NO₂

- Imperceptible change
- Perceptible decrease
- Perceptible increase
- Receptor Demolished with Project

Compliance Receptors 2029

Project change in annual mean NO₂

- Imperceptible change
- Perceptible decrease
- Perceptible increase

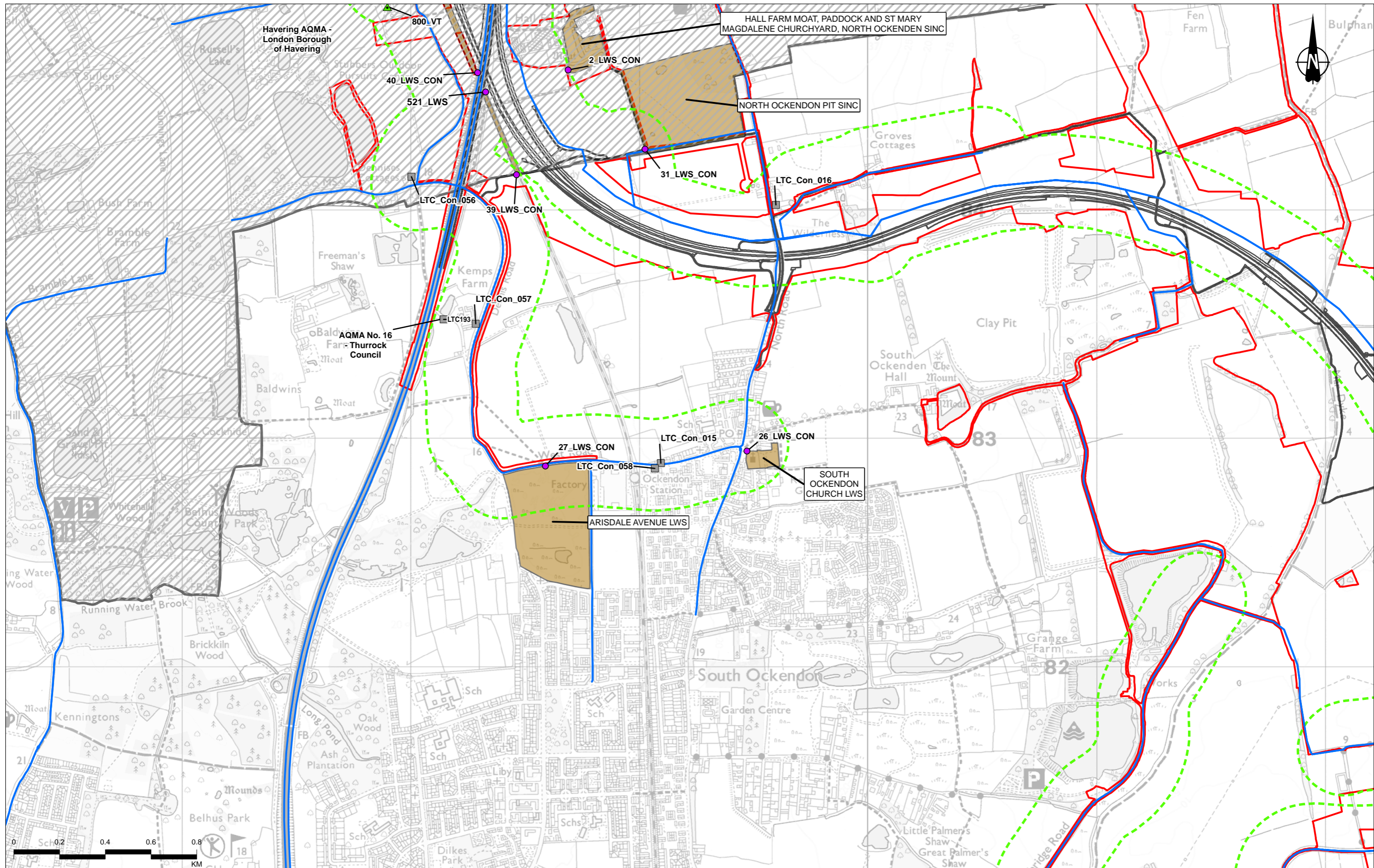


Client: national highways

Project: LOWER THAMES CROSSING

Status	DCO Application	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:10,000		
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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd
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Legend

- Route Alignment
- Order Limits
- District Borough Boundary
- Study Area
- Construction Phase Modelled Road

- Air Quality Management Area (AQMA)
- Ancient Woodland (AW)
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- Nature Improvement Area (NIA)

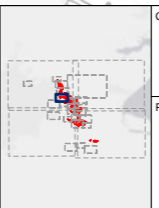
- Ramsar Site (RAMSAR)
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- Construction Receptors**
 - Ecological Receptors
 - Veteran Trees

Human Receptors 2029
Project change in annual mean NO₂

- Imperceptible change
- Perceptible decrease
- Perceptible increase
- Receptor Demolished with Project

Compliance Receptors 2029
Project change in annual mean NO₂

- Imperceptible change
- Perceptible decrease
- Perceptible increase

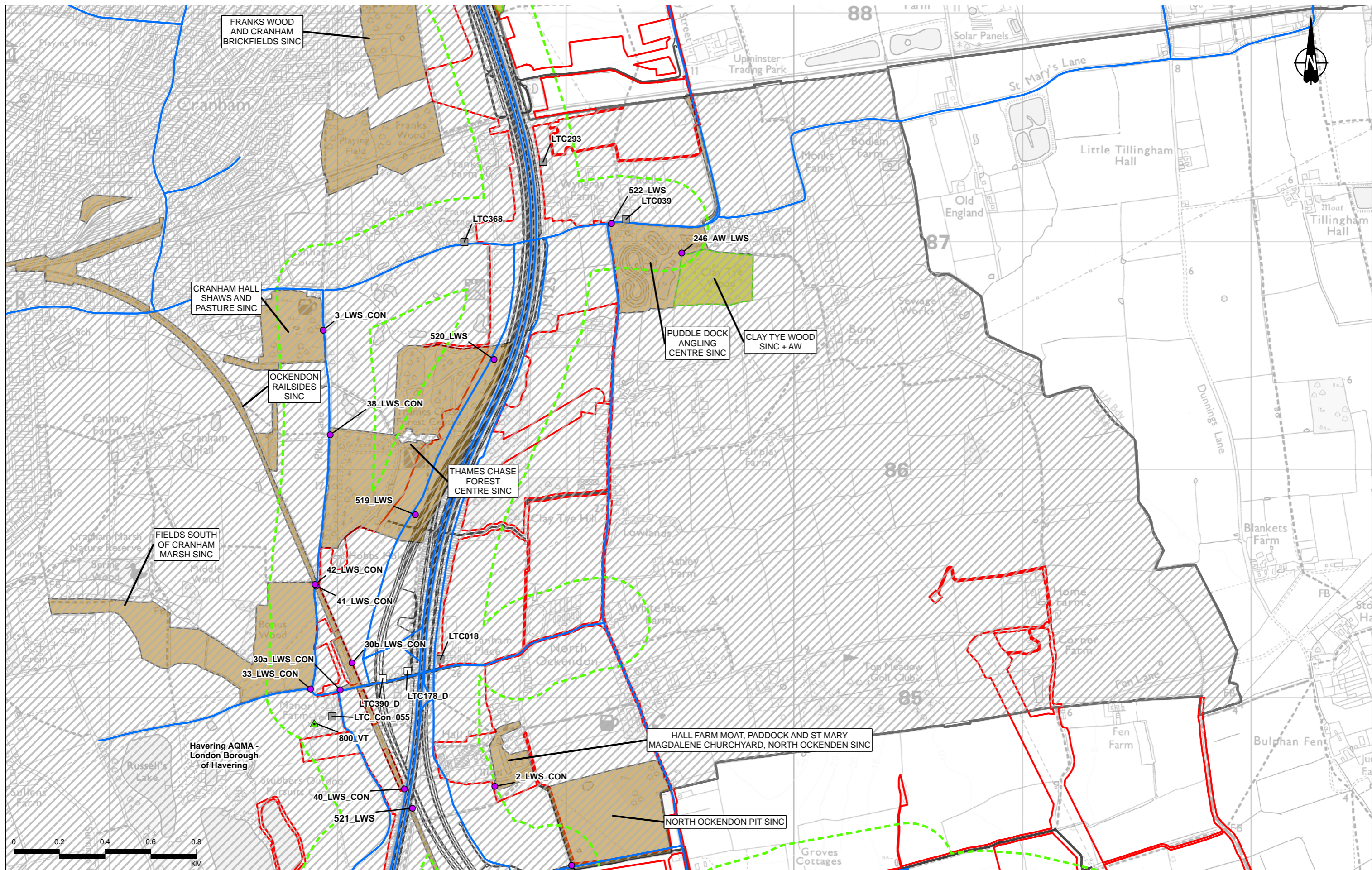


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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Appvd
P02	S2	10/10/2022	DCO Application	CD	MS	PM

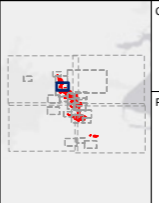
- Legend**
- Route Alignment
 - Order Limits
 - District Borough Boundary
 - Study Area
 - Construction Phase Modelled Road

- Air Quality Management Area (AQMA)
- Ancient Woodland (AW)
- Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)
- Nature Improvement Area (NIA)

- Ramsar Site (RAMSAR)
- Sites of Special Scientific Interest (SSSI)
- Construction Receptors**
- Ecological Receptors
- Veteran Trees

- Human Receptors 2029**
Project change in annual mean NO₂
- Imperceptible change
 - Perceptible decrease
 - Perceptible increase
 - Receptor Demolished with Project

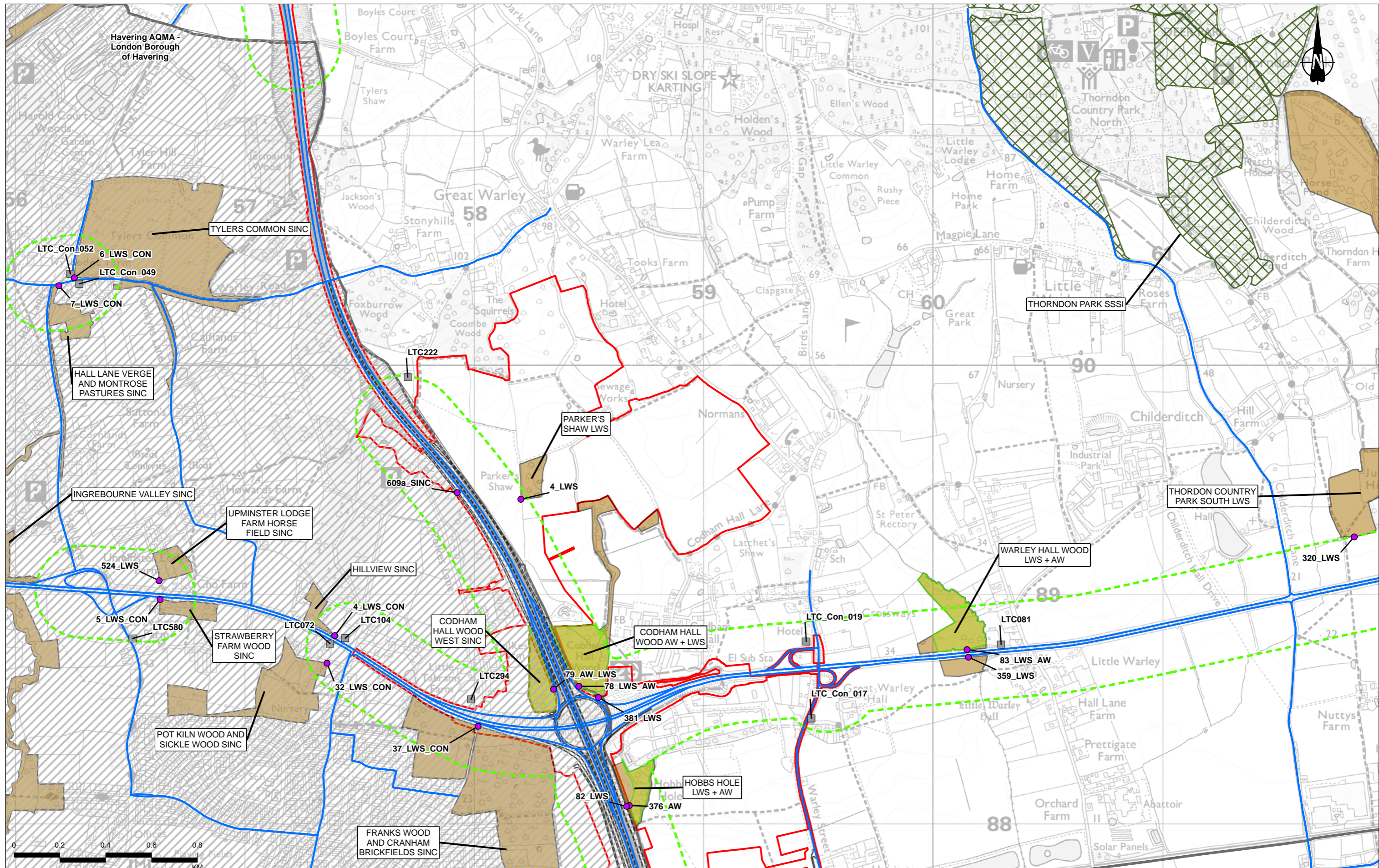
- Compliance Receptors 2029**
Project change in annual mean NO₂
- Imperceptible change
 - Perceptible decrease
 - Perceptible increase



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 5.5 - Construction Traffic Receptors and Results 2029				
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Drawing Number	HE540039-CJV-EAQ-SZP_EGNE0000000-DR-LE-50009				

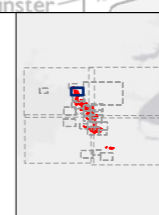


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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd
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Legend

- Route Alignment
- Order Limits
- District Borough Boundary
- Study Area
- Construction Phase Modelled Road
- Air Quality Management Area (AQMA)
- Ancient Woodland (AW)
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- Nature Improvement Area (NIA)
- Ramsar Site (RAMSAR)
- Sites of Special Scientific Interest (SSSI)
- Construction Receptors
 - Ecological Receptors
 - Veteran Trees
- Human Receptors 2029
 - Project change in annual mean NO₂
 - Imperceptible change
 - Perceptible decrease
 - Perceptible increase
 - Receptor Demolished with Project
 - Short-term AQS Objective Receptor
 - Compliance Receptors 2029
 - Imperceptible change
 - Perceptible decrease
 - Perceptible increase

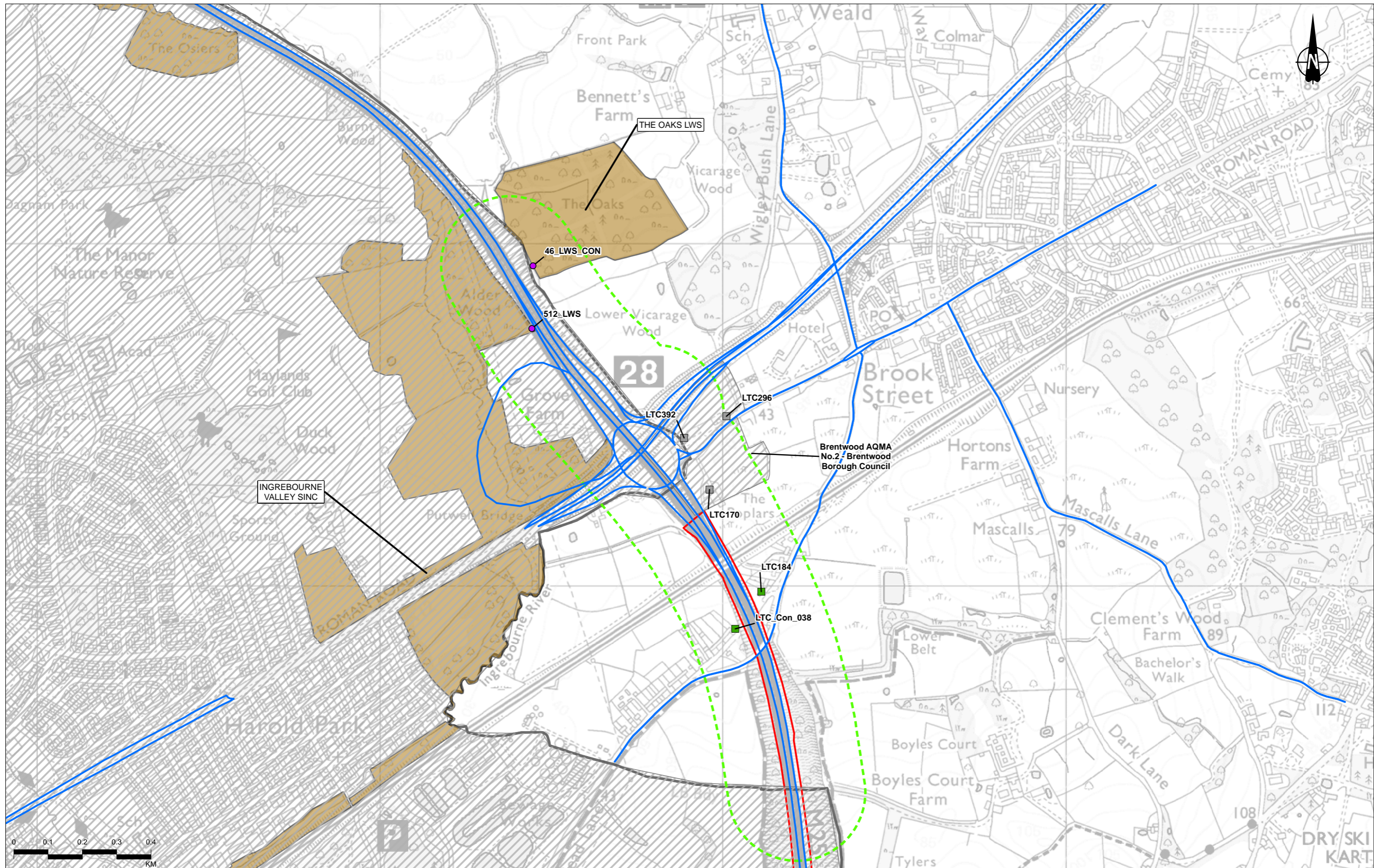


Client: national highways

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 5.5 - Construction Traffic Receptors and Results 2029				
Drawing Number	HE540039-CJV-EAQ-SZP_EGNE0000000-DR-LE-50009				

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd
P02	S8	10/10/2022	DCO Application	CD	MS	PM

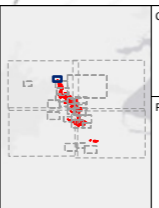
- Legend**
- Route Alignment
 - Order Limits
 - District Borough Boundary
 - Study Area
 - Construction Phase Modelled Road

- Air Quality Management Area (AQMA)
- Ancient Woodland (AW)
- Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)
- Nature Improvement Area (NIA)

- Ramsar Site (RAMSAR)
- Sites of Special Scientific Interest (SSSI)
- **Construction Receptors**
- Ecological Receptors
- Veteran Trees

- Human Receptors 2029**
- Project change in annual mean NO₂
- Imperceptible change
 - Perceptible decrease
 - Perceptible increase
 - Receptor Demolished with Project

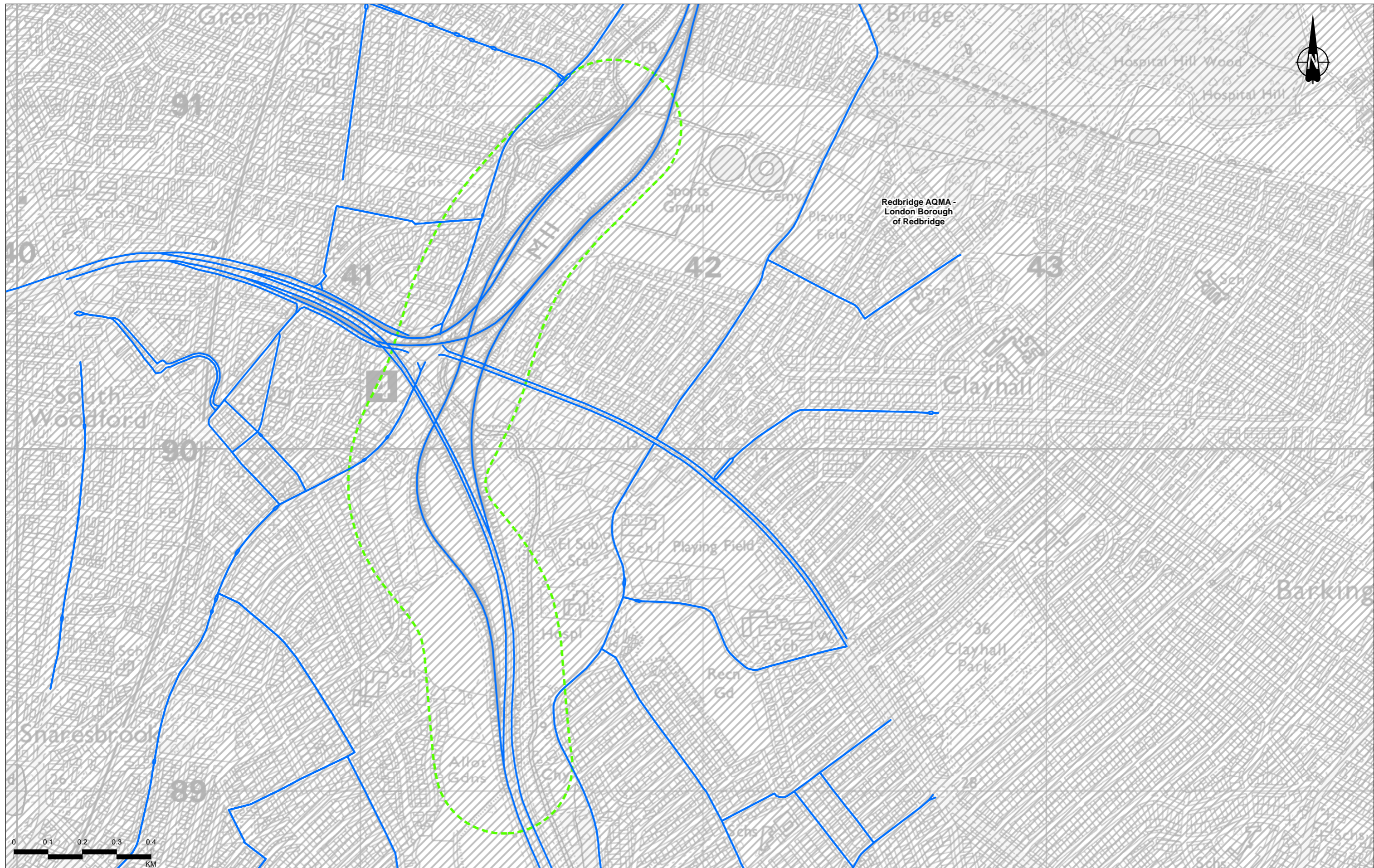
- Compliance Receptors 2029**
- Project change in annual mean NO₂
- Imperceptible change
 - Perceptible decrease
 - Perceptible increase



Client: **national highways**

Project: **LOWER THAMES CROSSING**

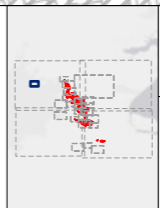
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Application Document Number	TR010032/APP/6.2	Scale	1:10,000		
Drawing Title	Figure 5.5 - Construction Traffic Receptors and Results 2029				
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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd
P02	S8	10/10/2022	DCO Application	CD	MS	PM

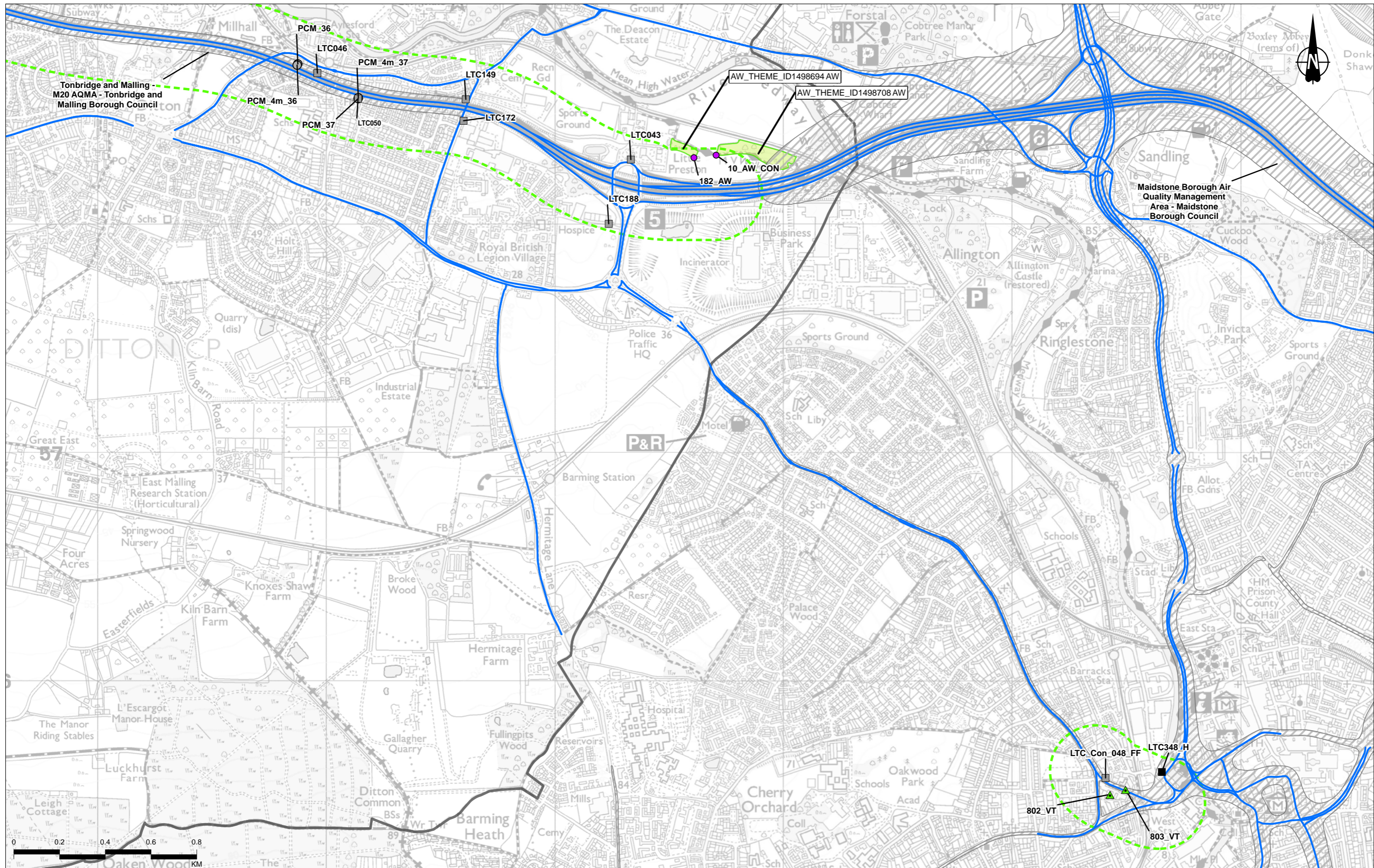
Legend		Human Receptors 2029		Compliance Receptors 2029	
Route Alignment	Air Quality Management Area (AQMA)	Imperceptible change	Short-term AQS Objective Receptor	Imperceptible change	Project change in annual mean NO ₂
Order Limits	Ancient Woodland (AW)	Perceptible decrease	Sites of Special Scientific Interest (SSSI)	Perceptible decrease	Project change in annual mean NO ₂
District Borough Boundary	Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)	Perceptible increase	Ecological Receptors	Perceptible increase	Project change in annual mean NO ₂
Study Area	Nature Improvement Area (NIA)	Receptor Demolished with Project	Veteran Trees		
Construction Phase Modelled Road	Ramsar Site (RAMSAR)				



Client: national highways

Project: LOWER THAMES CROSSING

Status	DCO Application	Original Size	A3	Revision	P02
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Drawing Title	Figure 5.5 - Construction Traffic Receptors and Results 2029				
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Drawing Number	HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50009				

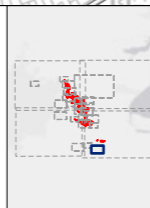


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Legend

- Route Alignment
- Order Limits
- District Borough Boundary
- Study Area
- Construction Phase Modelled Road
- Air Quality Management Area (AQMA)
- Ancient Woodland (AW)
- Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)
- Nature Improvement Area (NIA)
- Ramsar Site (RAMSAR)
- Sites of Special Scientific Interest (SSSI)
- Construction Receptors**
 - Ecological Receptors
 - Veteran Trees
- Human Receptors 2030**
 - Project change in annual mean NO₂
 - Imperceptible change
 - Perceptible decrease
 - Perceptible increase
 - Receptor Demolished with Project
- Compliance Receptors 2030**
 - Project change in annual mean NO₂
 - Imperceptible change
 - Perceptible decrease
 - Perceptible increase
- Short-term AQS Objective Receptor**

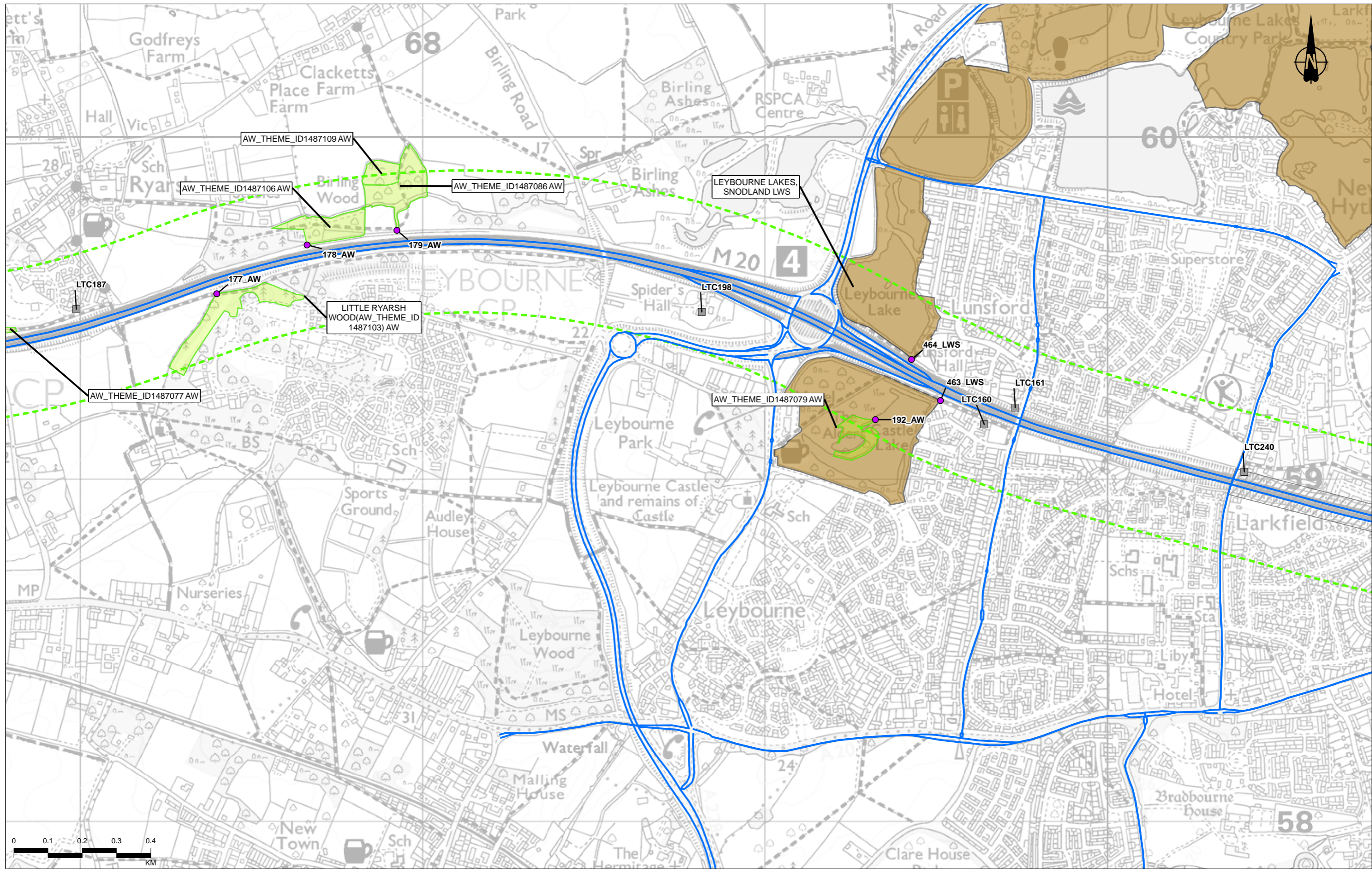


Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO Application	Original Size	A3	Revision	P02
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Drawing Title	Figure 5.5 - Construction Traffic Receptors and Results 2030				
Drawing Number	HE540039-CJV-EAQ-SZP_EGNE0000000-DR-LE-50009				

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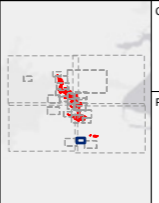
- Legend**
- Route Alignment
 - Order Limits
 - District Borough Boundary
 - Study Area
 - Construction Phase Modelled Road

- Air Quality Management Area (AQMA)
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- Sites of Special Scientific Interest (SSSI)
- Construction Receptors**
- Ecological Receptors
- Veteran Trees

- Human Receptors 2030**
Project change in annual mean NO₂
- Imperceptible change
 - Perceptible decrease
 - Perceptible increase
 - Receptor Demolished with Project

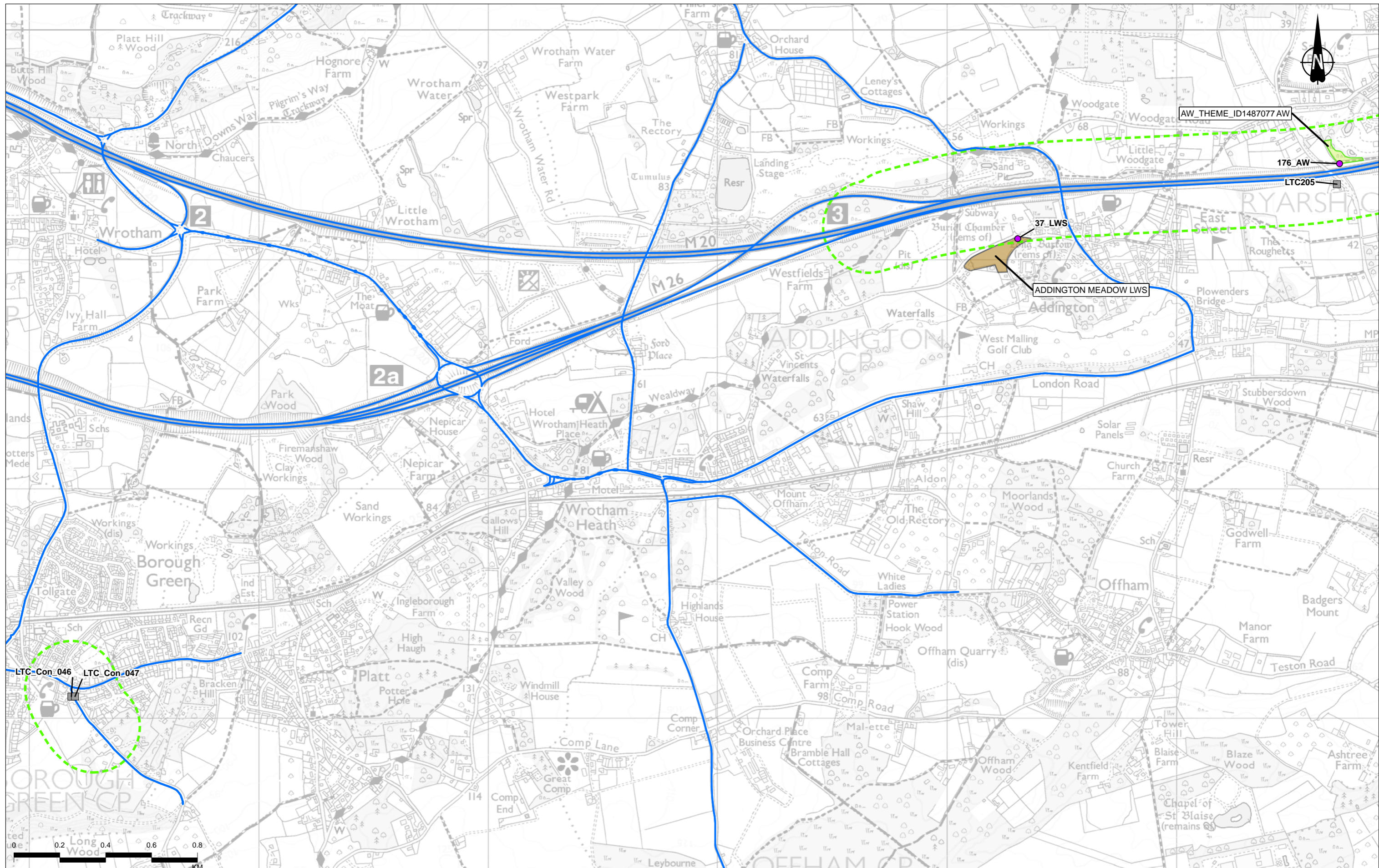
- Compliance Receptors 2030**
Project change in annual mean NO₂
- Imperceptible change
 - Perceptible decrease
 - Perceptible increase



Client: national highways

Project: **LOWER THAMES CROSSING**

Status	DCO Application	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:10,000		
Drawing Title	Figure 5.5 - Construction Traffic Receptors and Results 2030				
Drawing Number	HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50009				



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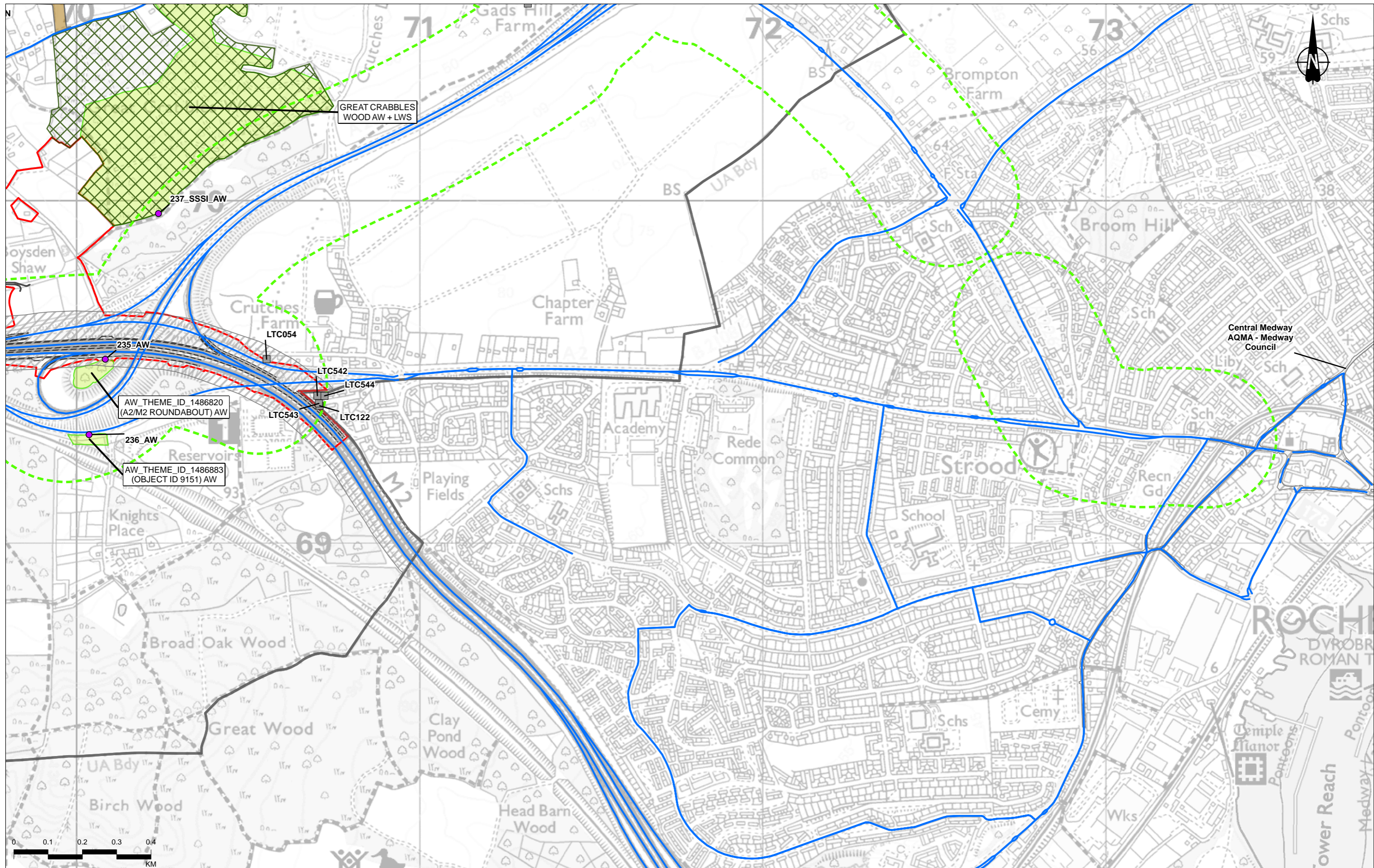
- Route Alignment
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- Sites of Special Scientific Interest (SSSI)
- Construction Receptors**
 - Ecological Receptors
 - Veteran Trees
- Human Receptors 2030**
 - Project change in annual mean NO₂
 - Imperceptible change
 - Perceptible decrease
 - Perceptible increase
 - Receptor Demolished with Project
- Compliance Receptors 2030**
 - Project change in annual mean NO₂
 - Imperceptible change
 - Perceptible decrease
 - Perceptible increase
 - Short-term AQS Objective Receptor

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 5.5 - Construction Traffic Receptors and Results 2030				
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Legend

	Route Alignment
	Order Limits
	District Borough Boundary
	Study Area
	Construction Phase Modelled Road

	Air Quality Management Area (AQMA)
	Ancient Woodland (AW)
	Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)
	Nature Improvement Area (NIA)

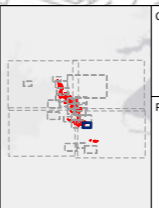
	Ramsar Site (RAMSAR)
	Sites of Special Scientific Interest (SSSI)
	Ecological Receptors
	Veteran Trees

Human Receptors 2030
Project change in annual mean NO₂

	Imperceptible change
	Perceptible decrease
	Perceptible increase
	Receptor Demolished with Project

Compliance Receptors 2030
Project change in annual mean NO₂

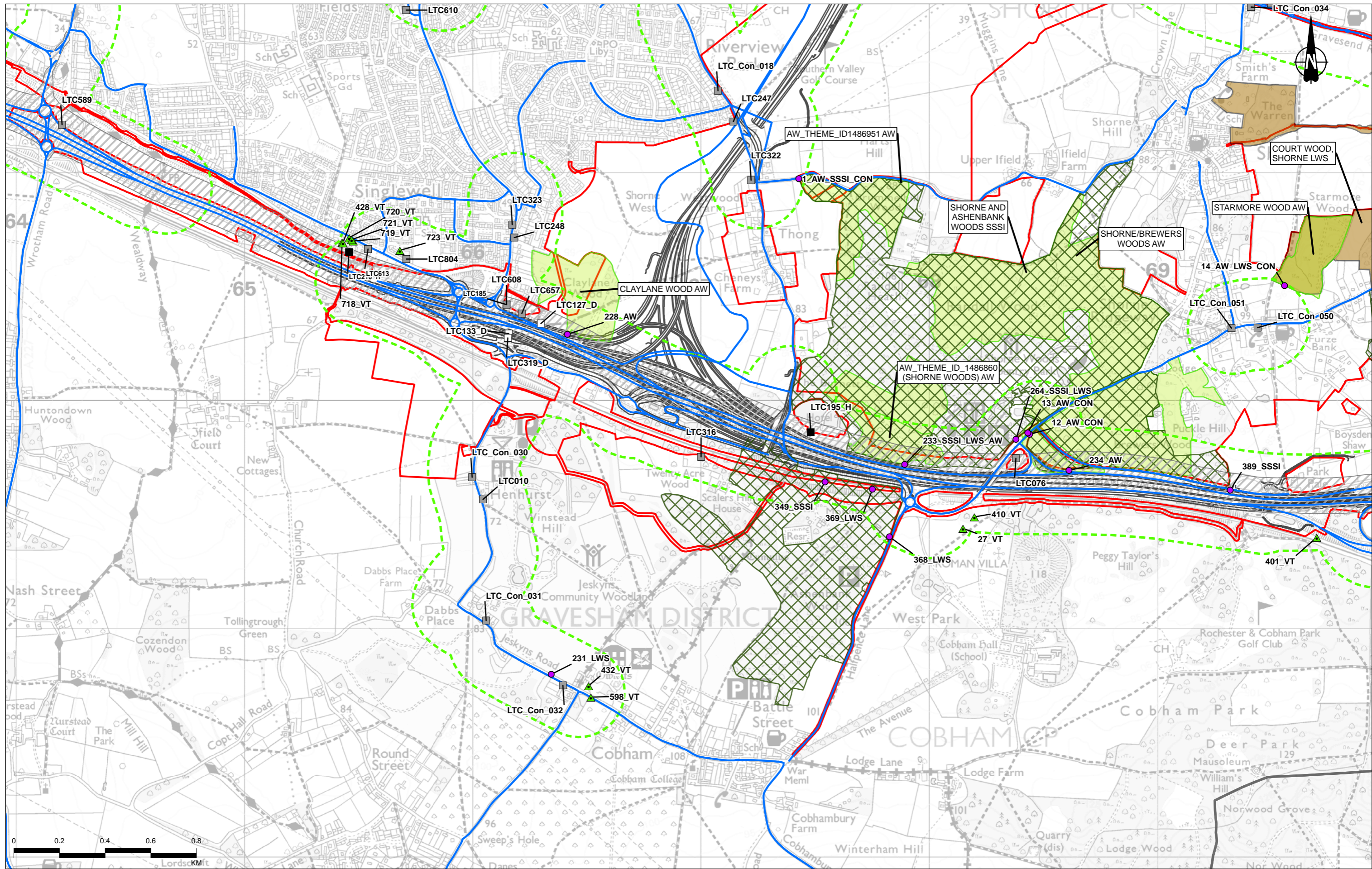
	Imperceptible change
	Perceptible decrease
	Perceptible increase



Client: national highways

Project: LOWER THAMES CROSSING

Status	DCO Application	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:10,000		
Drawing Title	Figure 5.5 - Construction Traffic Receptors and Results 2030				
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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd
P02	S2	10/10/2022	DCO Application	CD	MS	PM

Legend

- Route Alignment
- Order Limits
- District Borough Boundary
- Study Area
- Construction Phase Modelled Road

- Air Quality Management Area (AQMA)
- Ancient Woodland (AW)
- Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)
- Nature Improvement Area (NIA)

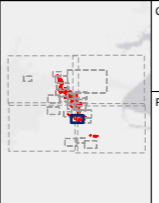
- Ramsar Site (RAMSAR)
- Sites of Special Scientific Interest (SSSI)
- Construction Receptors
 - Ecological Receptors
 - Veteran Trees

Human Receptors 2030
Project change in annual mean NO₂

- Imperceptible change
- Perceptible decrease
- Perceptible increase
- Receptor Demolished with Project

Compliance Receptors 2030
Project change in annual mean NO₂

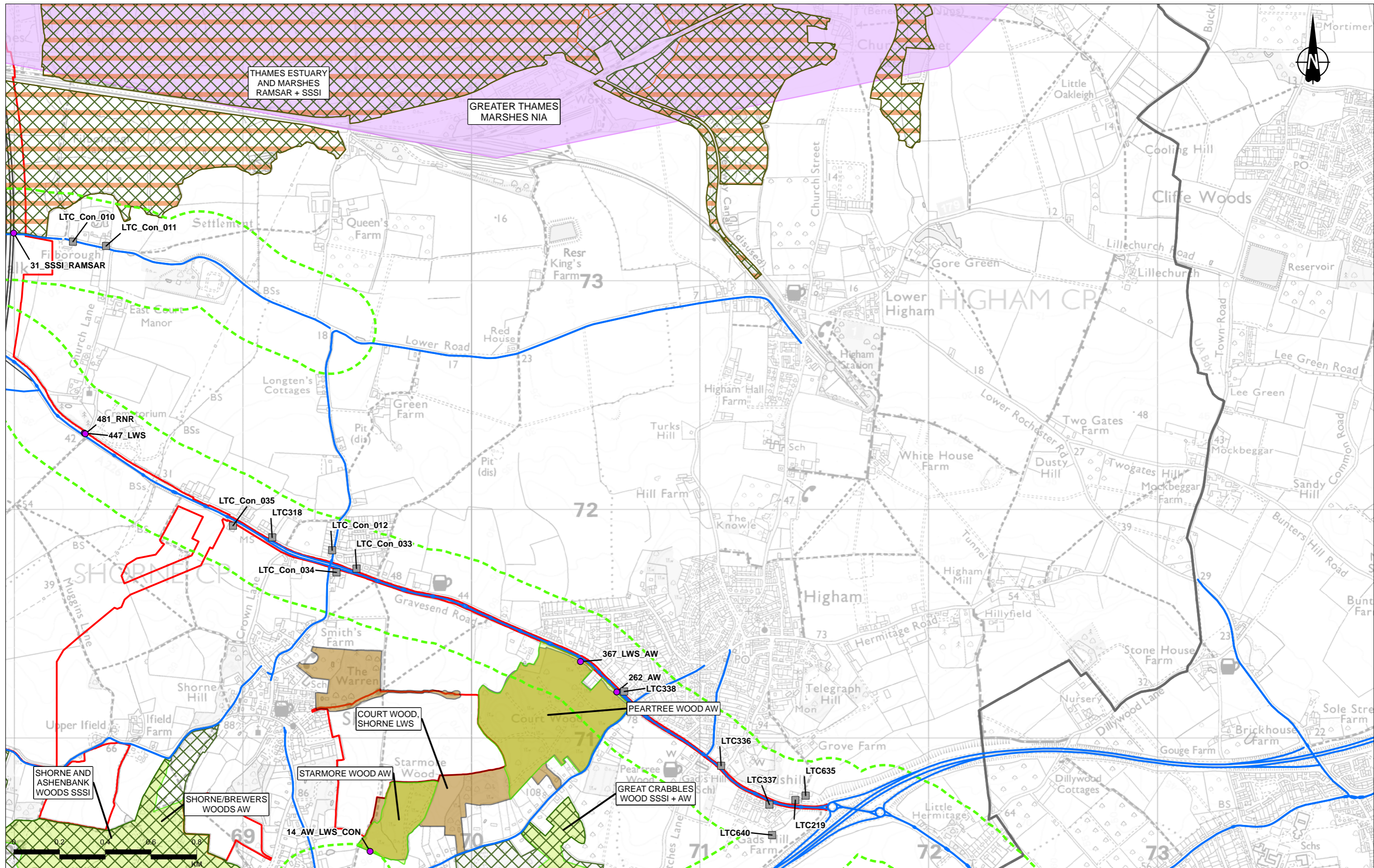
- Imperceptible change
- Perceptible decrease
- Perceptible increase



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 5.5 - Construction Traffic Receptors and Results 2030				
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Drawing Number	HE540039-CJV-EAQ-SZP_EGNE00000000-DR-LE-50009				



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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd
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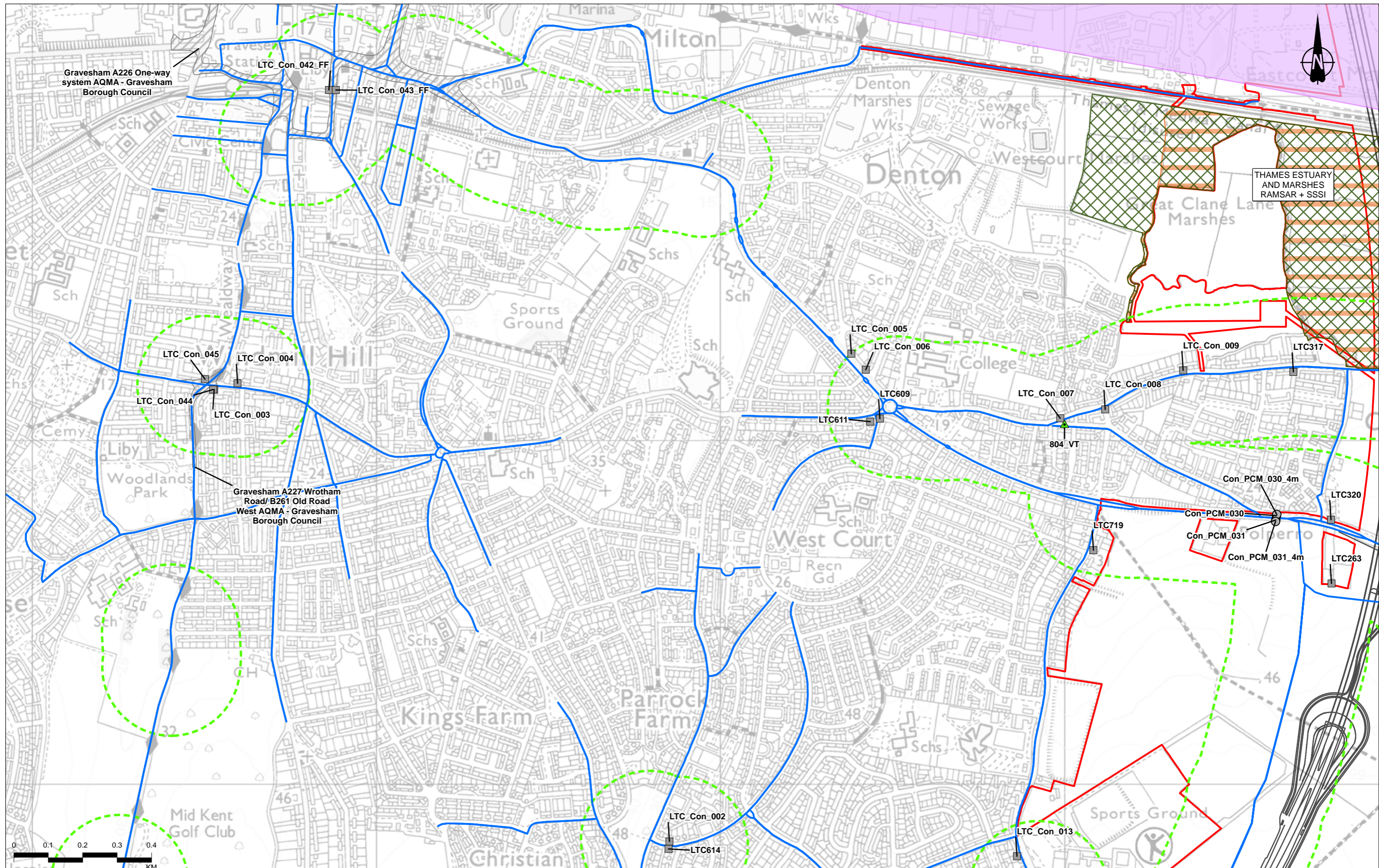
Legend

- Route Alignment
- Order Limits
- District Borough Boundary
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- Construction Phase Modelled Road
- Air Quality Management Area (AQMA)
- Ancient Woodland (AW)
- Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)
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- Ramsar Site (RAMSAR)
- Sites of Special Scientific Interest (SSSI)
- Construction Receptors
 - Ecological Receptors
 - Veteran Trees
- Human Receptors 2030
 - Project change in annual mean NO₂
 - Imperceptible change
 - Perceptible decrease
 - Perceptible increase
 - Receptor Demolished with Project
 - Short-term AQS Objective Receptor
 - Compliance Receptors 2030
 - Project change in annual mean NO₂
 - Imperceptible change
 - Perceptible decrease
 - Perceptible increase

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 5.5 - Construction Traffic Receptors and Results 2030				
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Legend

- Route Alignment
- Order Limits
- District Borough Boundary
- Study Area
- Construction Phase Modelled Road

- Air Quality Management Area (AQMA)
- Ancient Woodland (AW)
- Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)
- Nature Improvement Area (NIA)

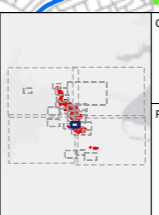
- Ramsar Site (RAMSAR)
- Sites of Special Scientific Interest (SSSI)
- Construction Receptors**
- Ecological Receptors
- Veteran Trees

Human Receptors 2030
Project change in annual mean NO₂

- Imperceptible change
- Perceptible decrease
- Perceptible increase
- Receptor Demolished with Project

Compliance Receptors 2030
Project change in annual mean NO₂

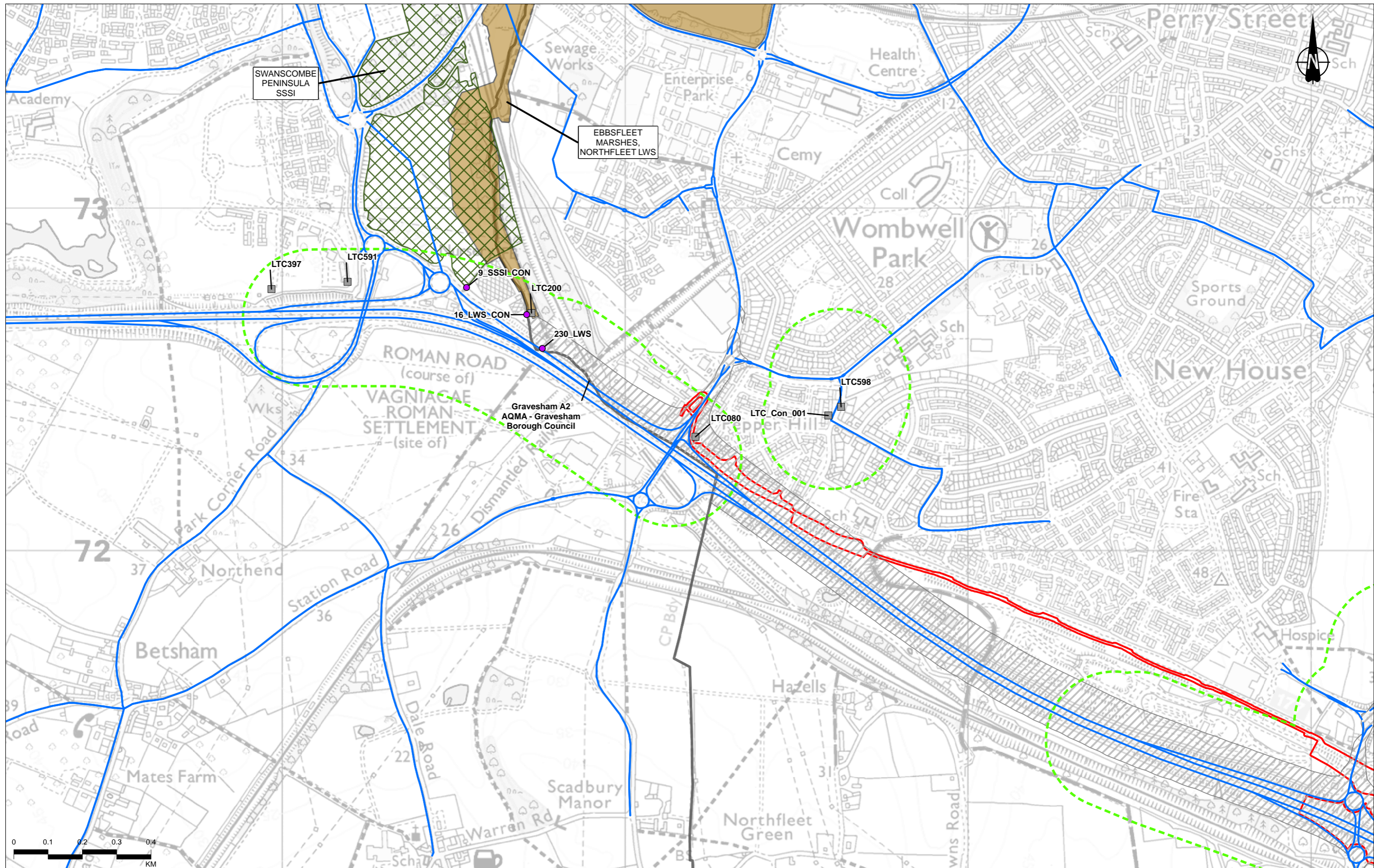
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- Perceptible decrease
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Client: **national highways**

Project: **LOWER THAMES CROSSING**

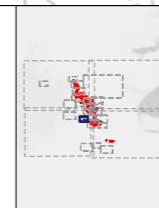
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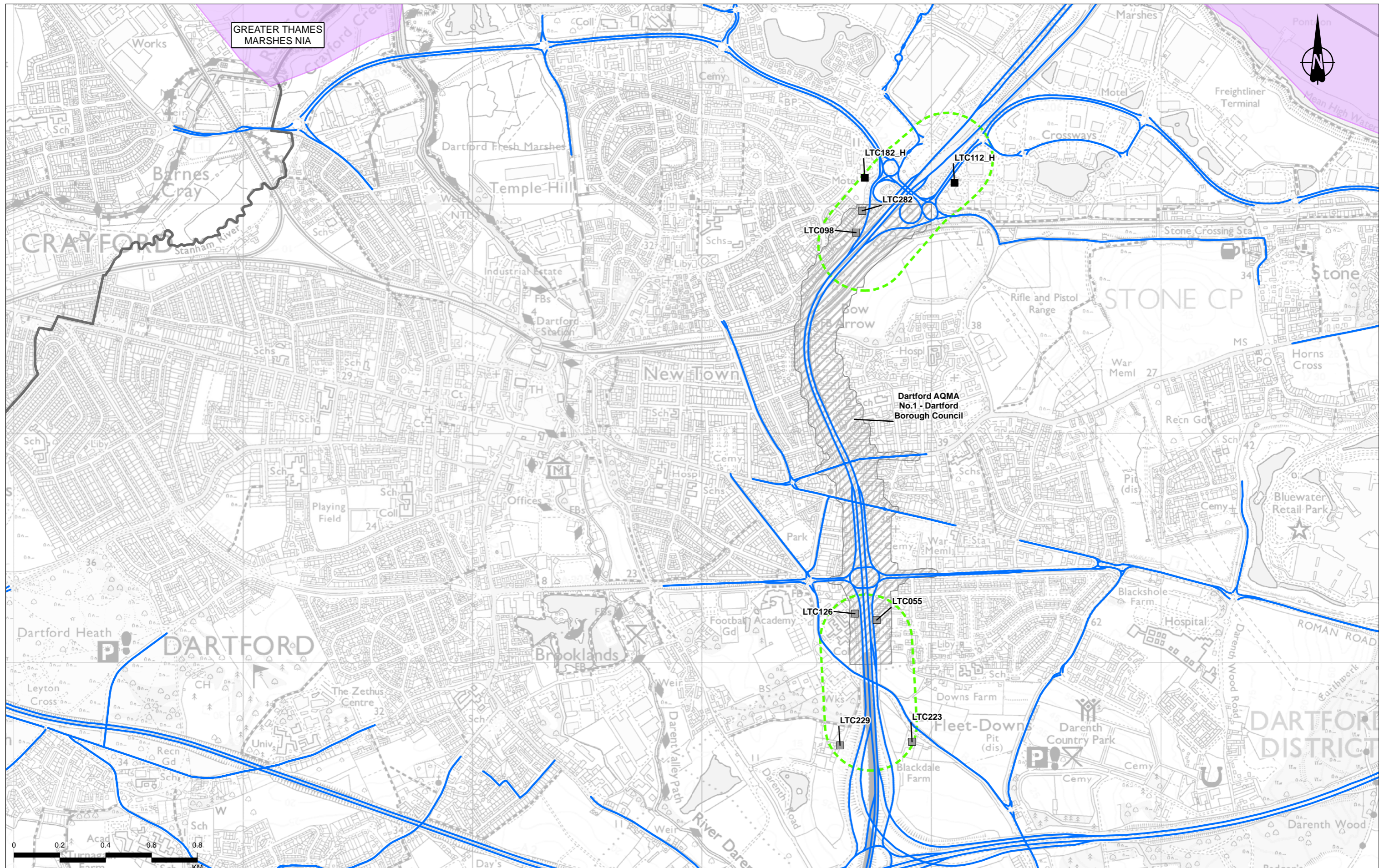
Legend		Human Receptors 2030		Compliance Receptors 2030	
Route Alignment	Air Quality Management Area (AQMA)	Ramsar Site (RAMSAR)	Imperceptible change	Short-term AQS Objective Receptor	Project change in annual mean NO ₂
Order Limits	Ancient Woodland (AW)	Sites of Special Scientific Interest (SSSI)	Perceptible decrease	Imperceptible change	Project change in annual mean NO ₂
District Borough Boundary	Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)	Ecological Receptors	Perceptible increase	Perceptible decrease	Perceptible increase
Study Area	Nature Improvement Area (NIA)	Veteran Trees	Receptor Demolished with Project	Receptor Demolished with Project	
Construction Phase Modelled Road					



Client: national highways

Project: LOWER THAMES CROSSING

Status	DCO Application	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:10,000		
Drawing Title	Figure 5.5 - Construction Traffic Receptors and Results 2030				
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Legend

- Route Alignment
- Order Limits
- District Borough Boundary
- Study Area
- Construction Phase Modelled Road

- Air Quality Management Area (AQMA)
- Ancient Woodland (AW)
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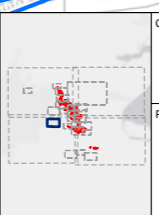
- Ramsar Site (RAMSAR)
- Sites of Special Scientific Interest (SSSI)
- Construction Receptors**
- Ecological Receptors
- Veteran Trees

Human Receptors 2030
Project change in annual mean NO₂

- Imperceptible change
- Perceptible decrease
- Perceptible increase
- Receptor Demolished with Project

Compliance Receptors 2030
Project change in annual mean NO₂

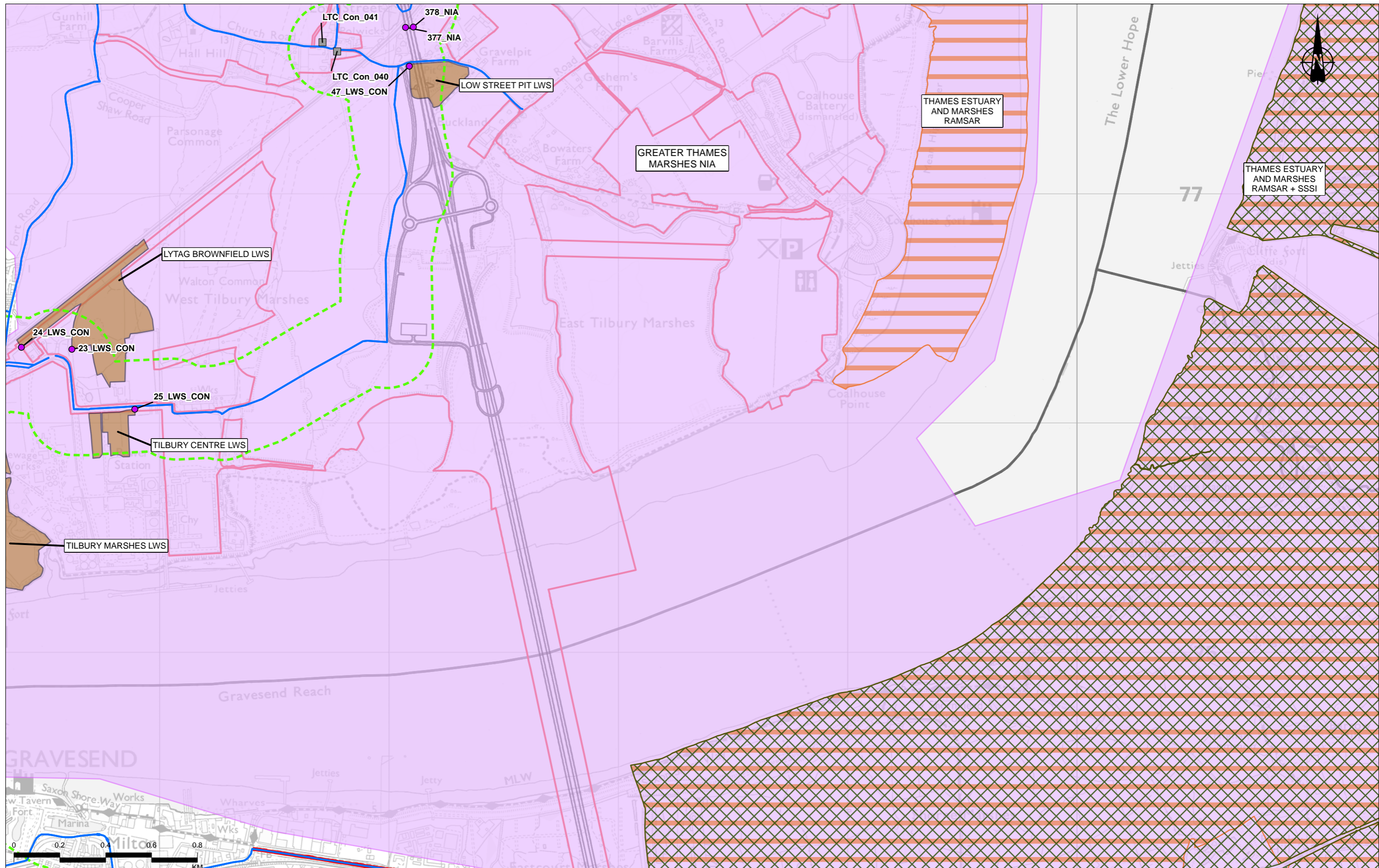
- Imperceptible change
- Perceptible decrease
- Perceptible increase



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 5.5 - Construction Traffic Receptors and Results 2030				
Drawing Number	HE540039-CJV-EAQ-SZP_EGNE0000000-DR-LE-50009				



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P02	S2	10/10/2022	DCO Application	CD	MS	PM

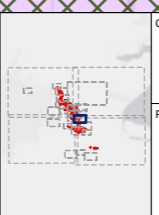
- Legend**
- Route Alignment
 - Order Limits
 - District Borough Boundary
 - - - Study Area
 - Construction Phase Modelled Road

- Air Quality Management Area (AQMA)
- Ancient Woodland (AW)
- Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)
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- Ramsar Site (RAMSAR)
- Sites of Special Scientific Interest (SSSI)
- Construction Receptors**
- Ecological Receptors
- Veteran Trees

- Human Receptors 2030**
- Project change in annual mean NO₂
- Imperceptible change
 - Perceptible decrease
 - Perceptible increase
 - Receptor Demolished with Project

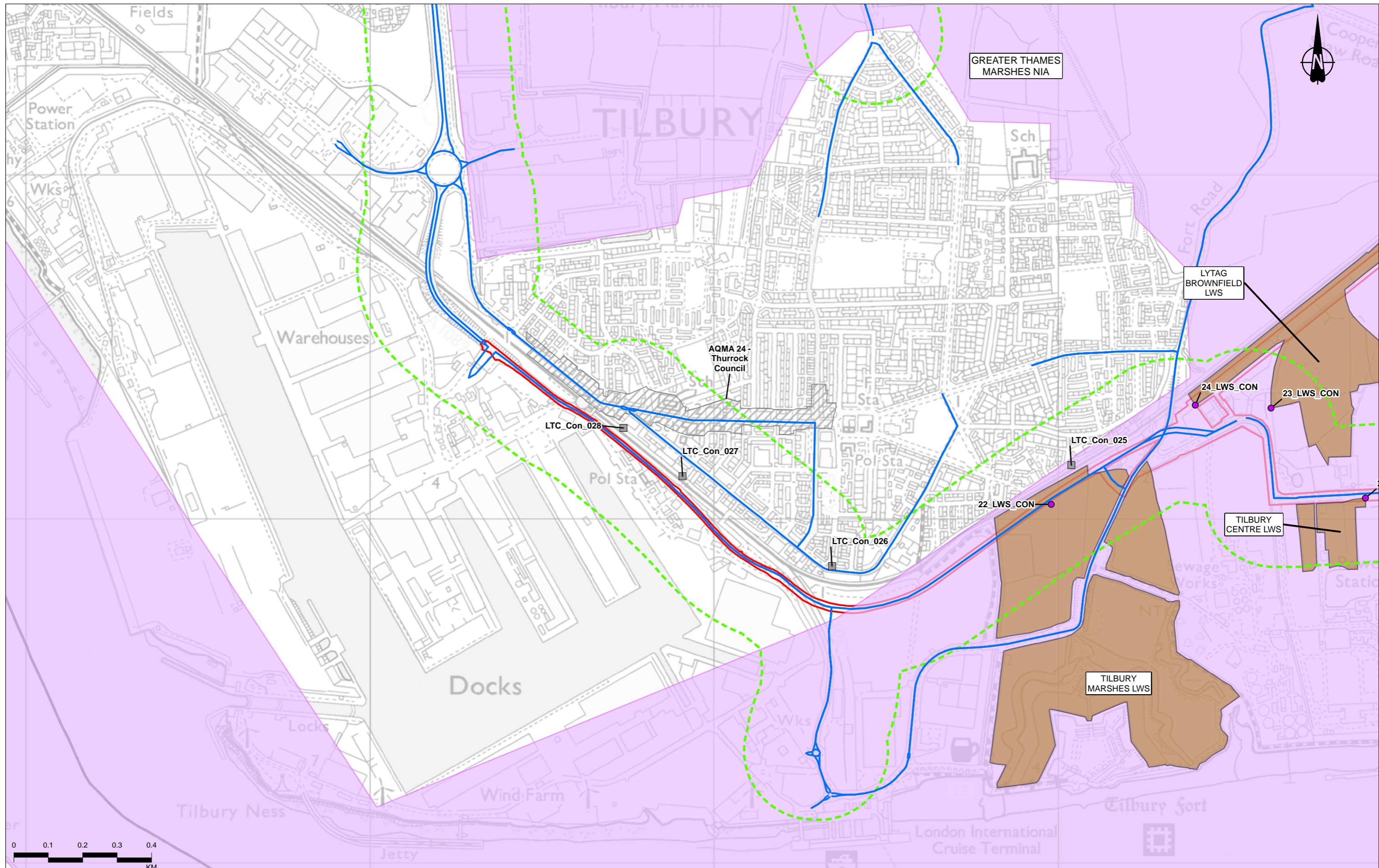
- Compliance Receptors 2030**
- Project change in annual mean NO₂
- Short-term AQS Objective Receptor
 - Imperceptible change
 - Perceptible decrease
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Client
 national highways

Project
LOWER THAMES CROSSING

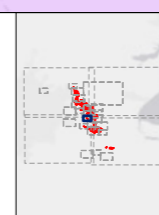
Status	DCO Application	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:15,000		
Drawing Title	Figure 5.5 - Construction Traffic Receptors and Results 2030				
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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd
P02	S8	10/10/2022	DCO Application	CD	MS	PM

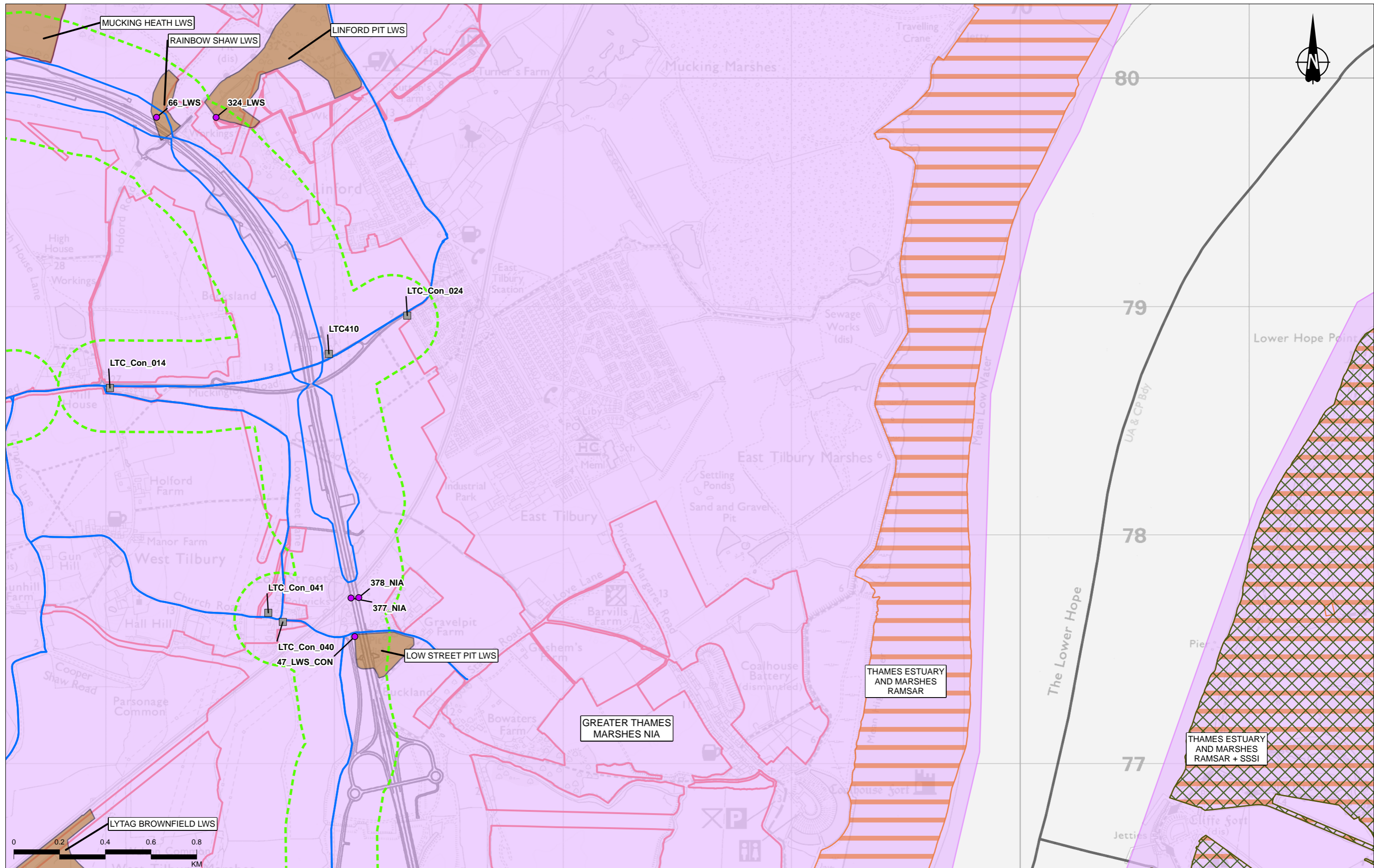
Legend	
	Route Alignment
	Order Limits
	District Borough Boundary
	Study Area
	Construction Phase Modelled Road
	Air Quality Management Area (AQMA)
	Ancient Woodland (AW)
	Local Wildlife Site (LWS)/Site of Importance for Nature Conservation (SINC)
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	Ramsar Site (RAMSAR)
	Sites of Special Scientific Interest (SSSI)
	Ecological Receptors
	Veteran Trees
Human Receptors 2030	Human Receptors 2030
	Project change in annual mean NO ₂ Imperceptible change
	Perceptible decrease
	Perceptible increase
	Receptor Demolished with Project
	Short-term AQS Objective Receptor
Compliance Receptors 2030	Compliance Receptors 2030
	Project change in annual mean NO ₂ Imperceptible change
	Perceptible decrease
	Perceptible increase



Client: national highways

Project: **LOWER THAMES CROSSING**

Status	DCO Application	Original Size	A3	Revision	P02
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Drawing Title	Figure 5.5 - Construction Traffic Receptors and Results 2030 Page 130 of 142				
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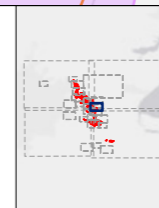


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P02	S2	10/10/2022	DCO Application	CD	MS	PM
Rev	Status	Rev. Date	Purpose of revision	Drawn	Checked	Approved

Legend

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- Human Receptors 2030**
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 - Perceptible decrease
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 - Receptor Demolished with Project
- Compliance Receptors 2030**
 - Project change in annual mean NO₂
 - Imperceptible change
 - Perceptible decrease
 - Perceptible increase
 - Short-term AQS Objective Receptor

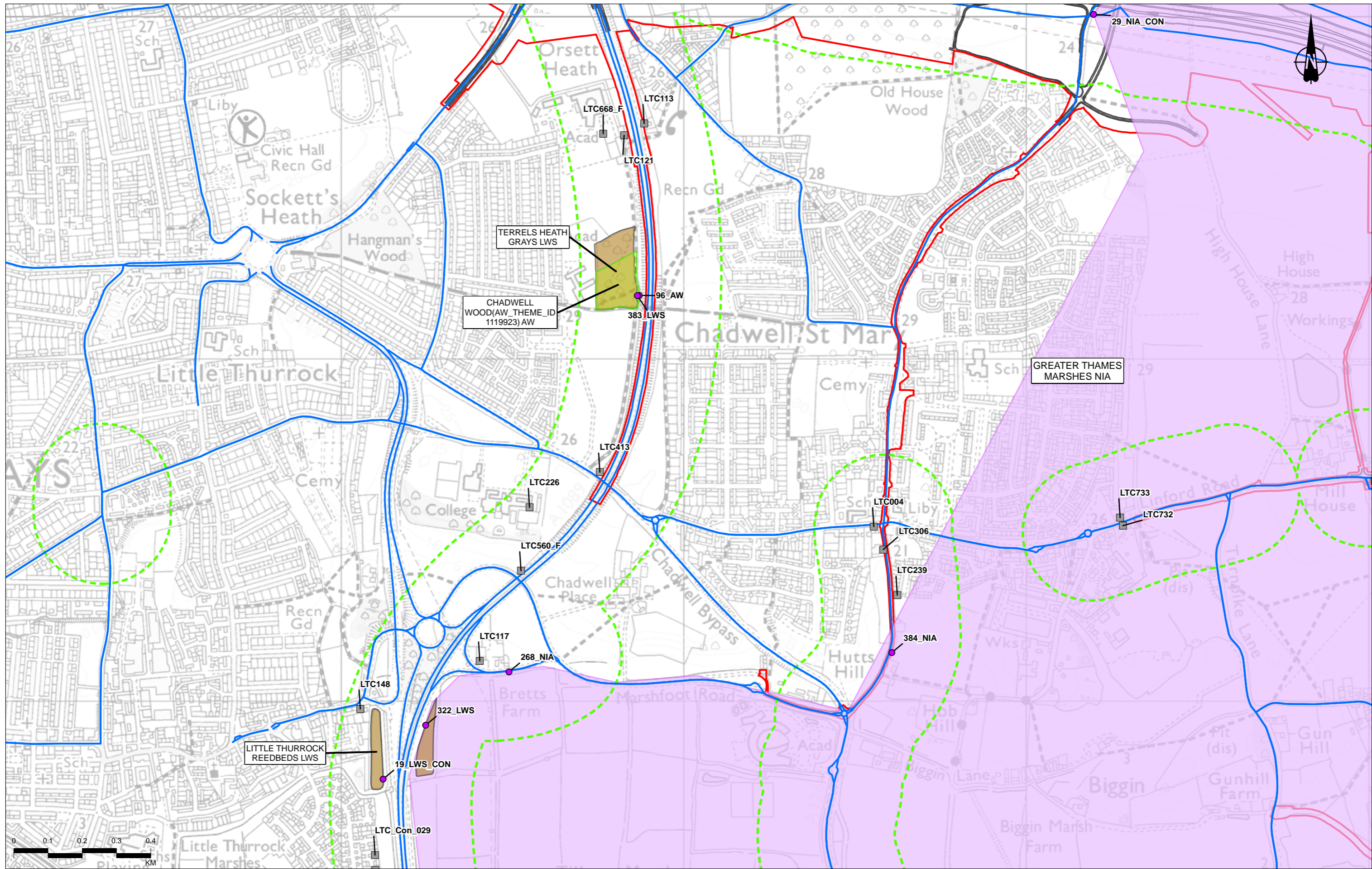


Client: **national highways**

Project: **LOWER THAMES CROSSING**

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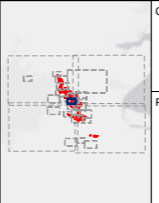
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- Veteran Trees

- Human Receptors 2030**
- Project change in annual mean NO₂
- Imperceptible change
 - Perceptible decrease
 - Perceptible increase
 - Receptor Demolished with Project

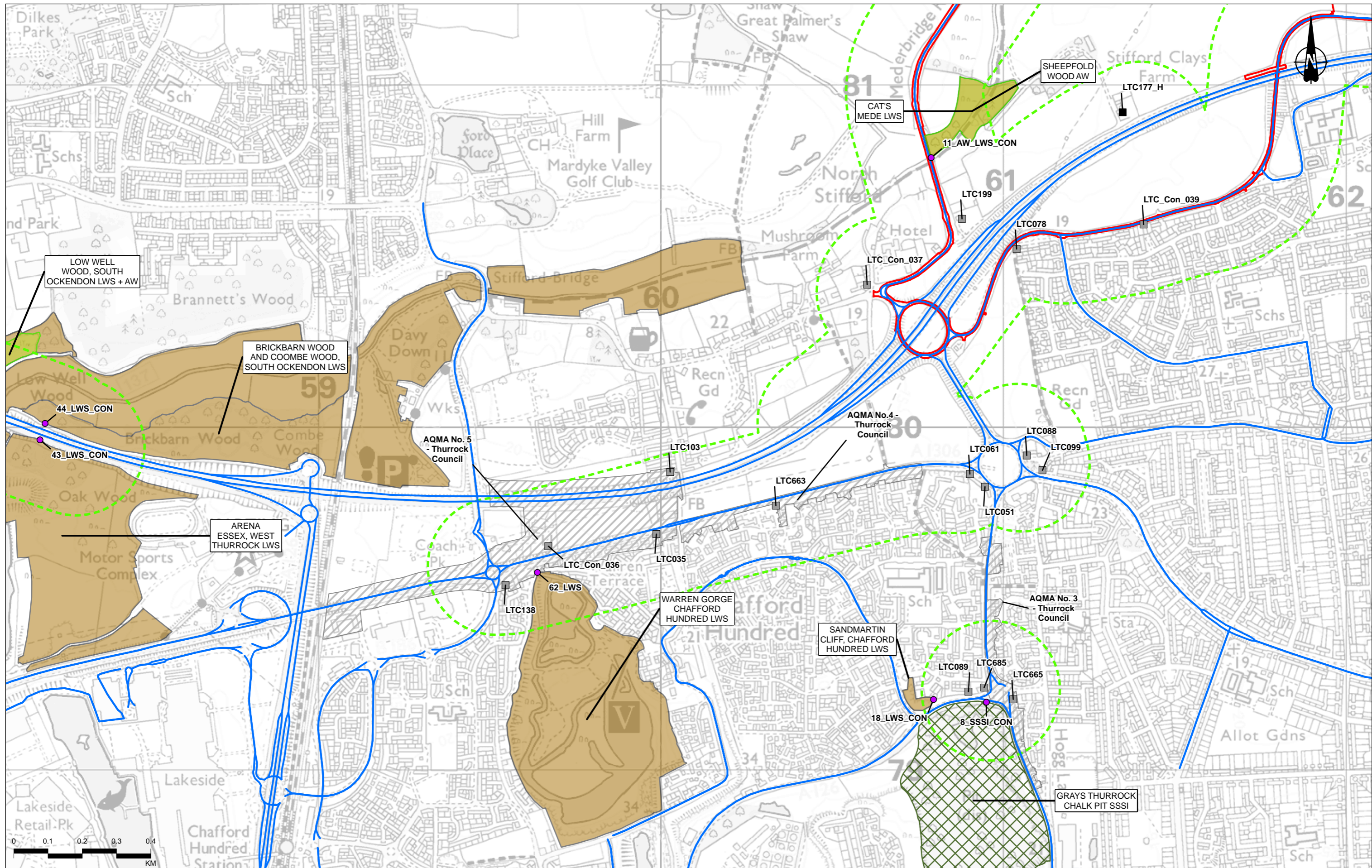
- Compliance Receptors 2030**
- Project change in annual mean NO₂
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Client: national highways

Project: LOWER THAMES CROSSING

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Legend

—	Route Alignment
—	Order Limits
—	District Borough Boundary
—	Study Area
—	Construction Phase Modelled Road
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□	Ancient Woodland (AW)
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●	Ecological Receptors
▲	Veteran Trees
■	Short-term AQS Objective Receptor
●	Compliance Receptors 2030
■	Project change in annual mean NO ₂
■	Imperceptible change
■	Perceptible decrease
■	Perceptible increase
□	Receptor Demolished with Project

Human Receptors 2030

■	Project change in annual mean NO ₂
■	Imperceptible change
■	Perceptible decrease
■	Perceptible increase
□	Receptor Demolished with Project

Compliance Receptors 2030

●	Imperceptible change
●	Perceptible decrease
●	Perceptible increase

Client
national highways

Project
LOWER THAMES CROSSING

Status
DCO Application

Application Document Number
TR010032/APP/6.2

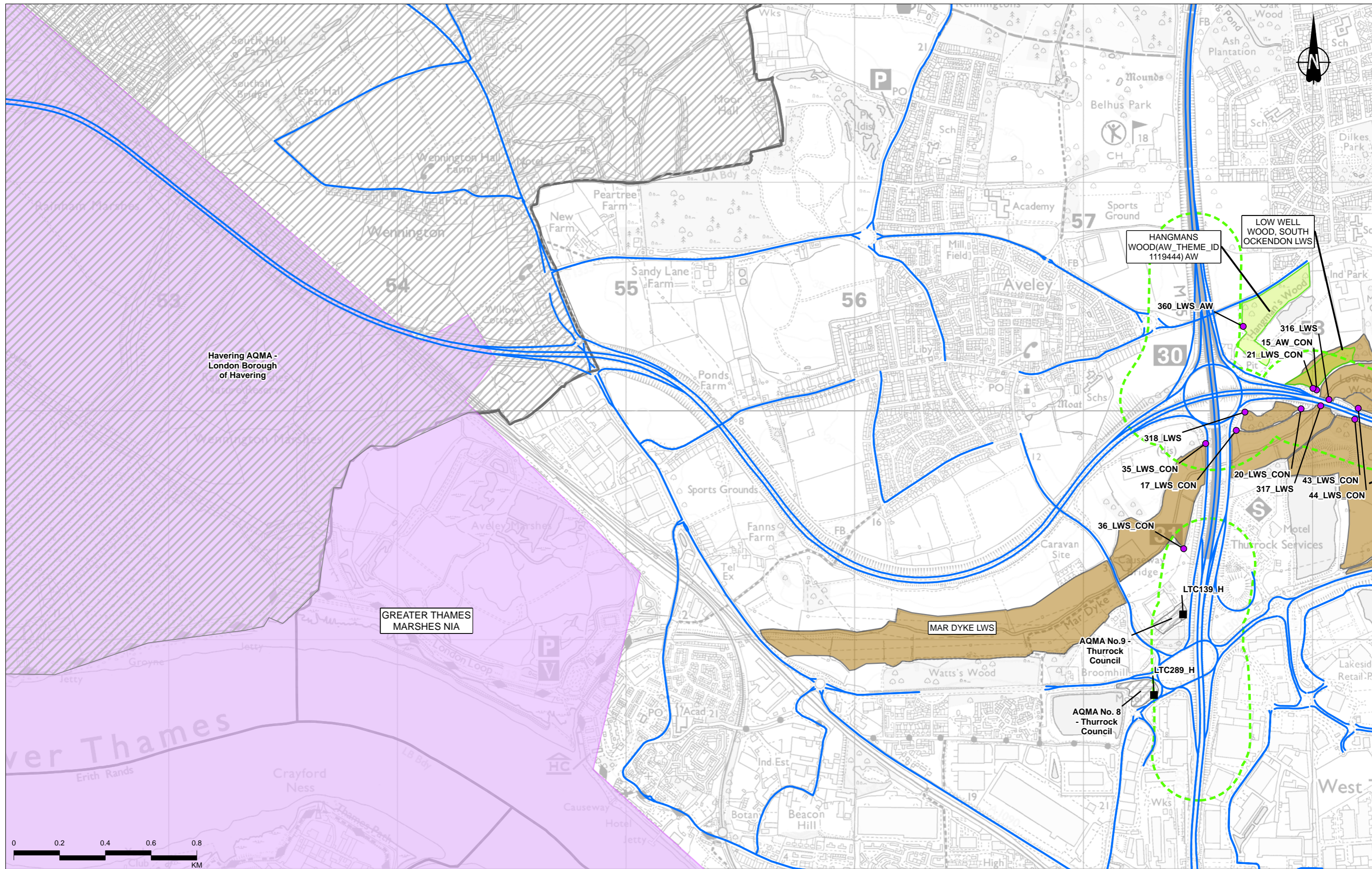
Drawing Title
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Scale
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Legend

- Route Alignment
- Order Limits
- District Borough Boundary
- Study Area
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- Ecological Receptors
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Human Receptors 2030
Project change in annual mean NO₂

- Imperceptible change
- Perceptible decrease
- Perceptible increase
- Receptor Demolished with Project

Compliance Receptors 2030
Project change in annual mean NO₂

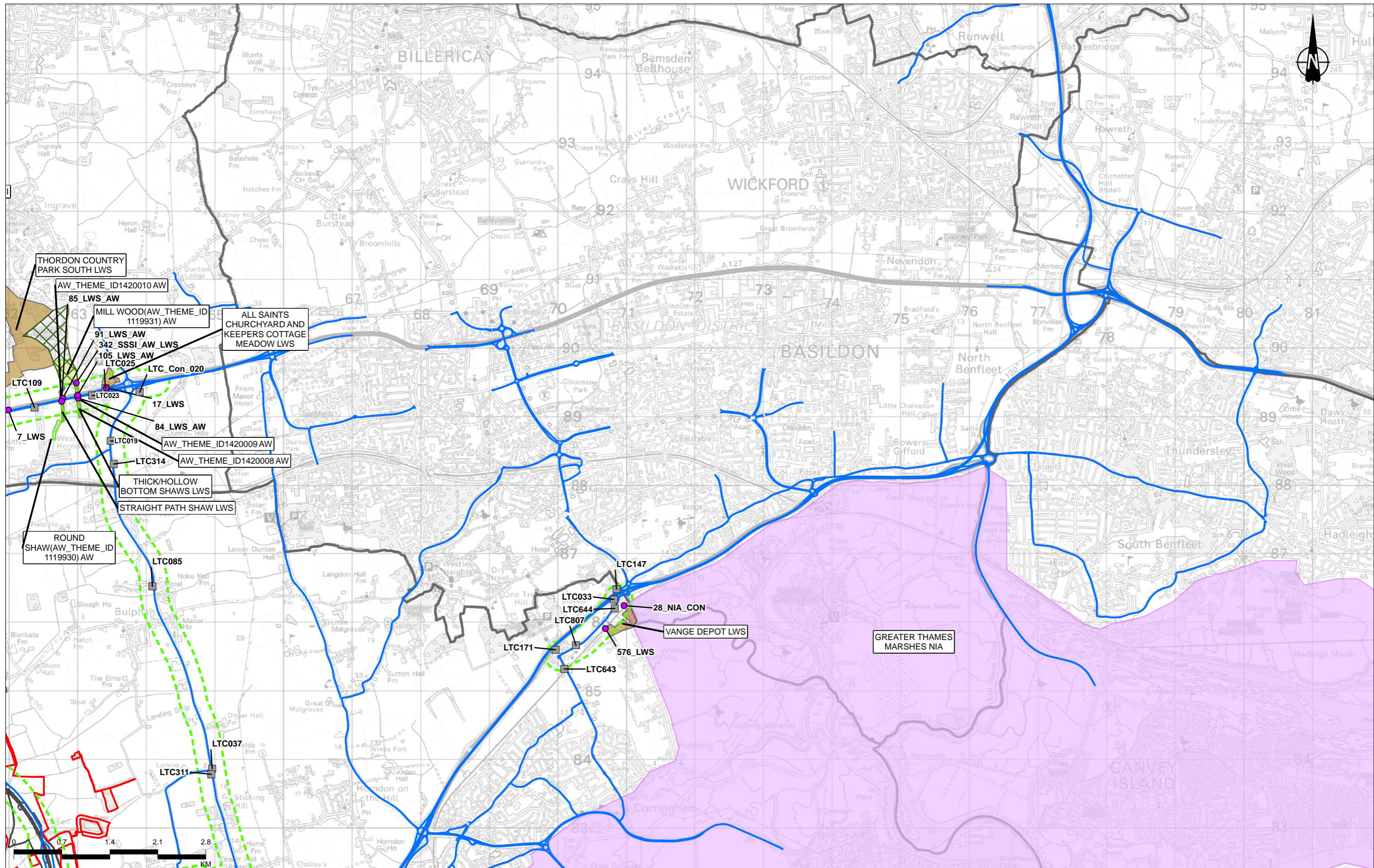
- Imperceptible change
- Perceptible decrease
- Perceptible increase



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO Application	Original Size	A3	Revision	P02
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Legend

- Route Alignment
- Order Limits
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Human Receptors 2030
Project change in annual mean NO₂

- Imperceptible change
- Perceptible decrease
- Perceptible increase
- Receptor Demolished with Project

Compliance Receptors 2030
Project change in annual mean NO₂

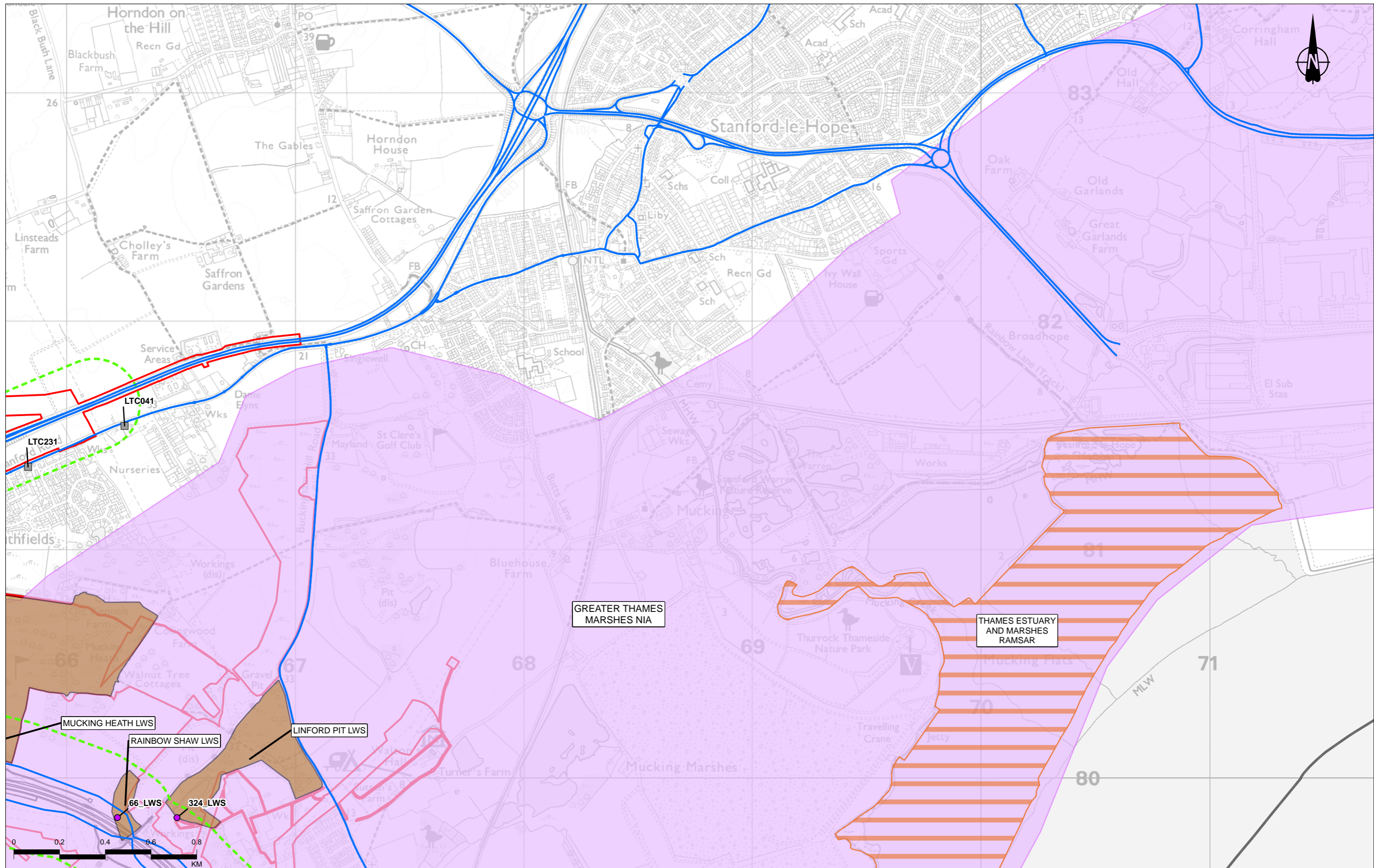
- Imperceptible change
- Perceptible decrease
- Perceptible increase



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO Application	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
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P02	S2	10/10/2022	DCO Application	CD	MS	PM

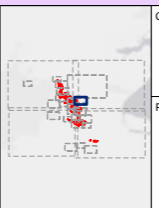
- Legend**
- Route Alignment
 - Order Limits
 - District Borough Boundary
 - Study Area
 - Construction Phase Modelled Road

- Air Quality Management Area (AQMA)
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- Ecological Receptors
- Veteran Trees

- Human Receptors 2030**
Project change in annual mean NO₂
- Imperceptible change
 - Perceptible decrease
 - Perceptible increase
 - Receptor Demolished with Project

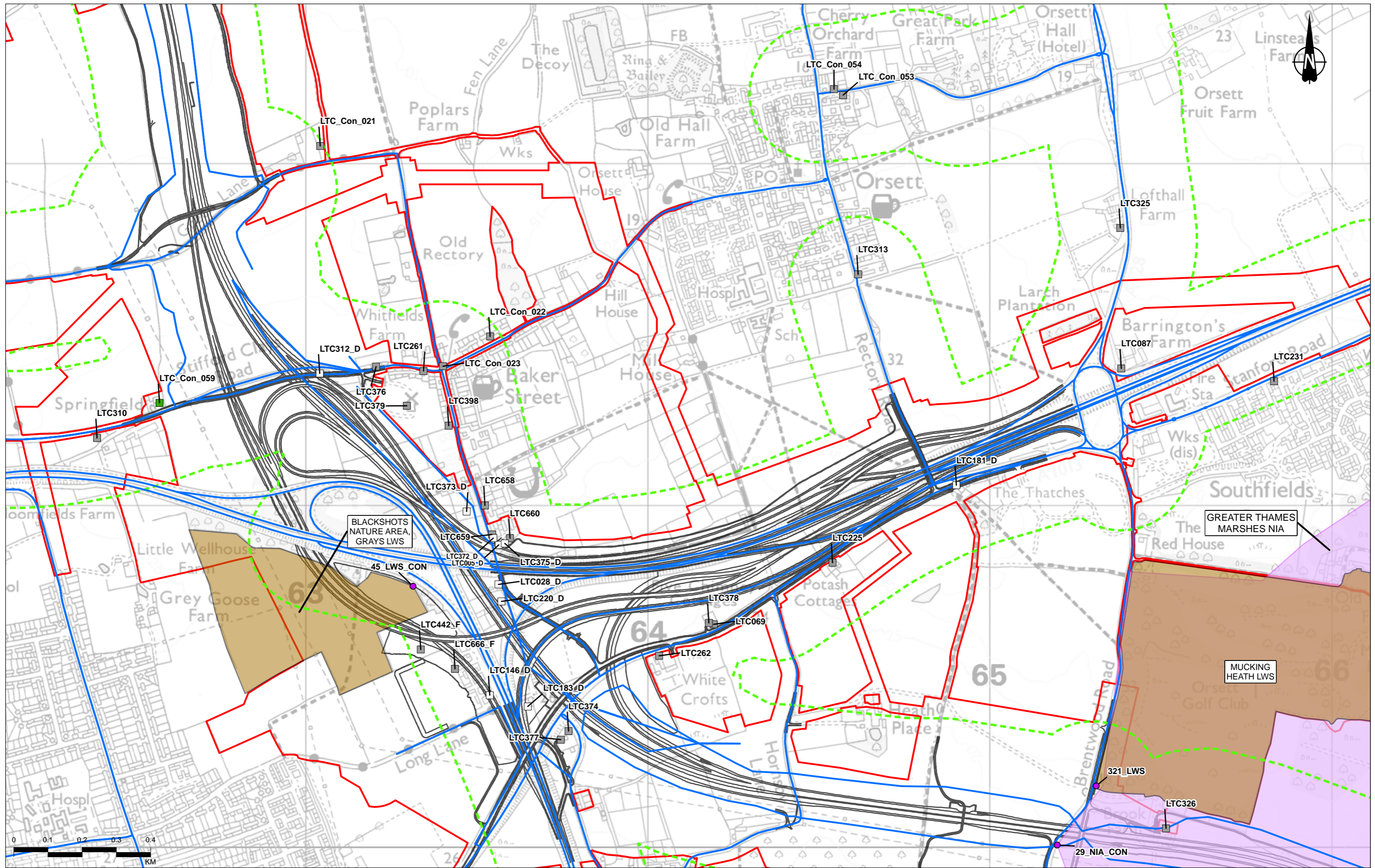
- Compliance Receptors 2030**
Project change in annual mean NO₂
- Imperceptible change
 - Perceptible decrease
 - Perceptible increase



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO Application	Original Size	A3	Revision	P02
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- Route Alignment
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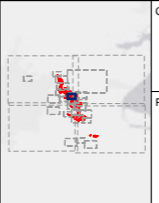
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Human Receptors 2030
Project change in annual mean NO₂

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- Perceptible increase
- Receptor Demolished with Project

Compliance Receptors 2030
Project change in annual mean NO₂

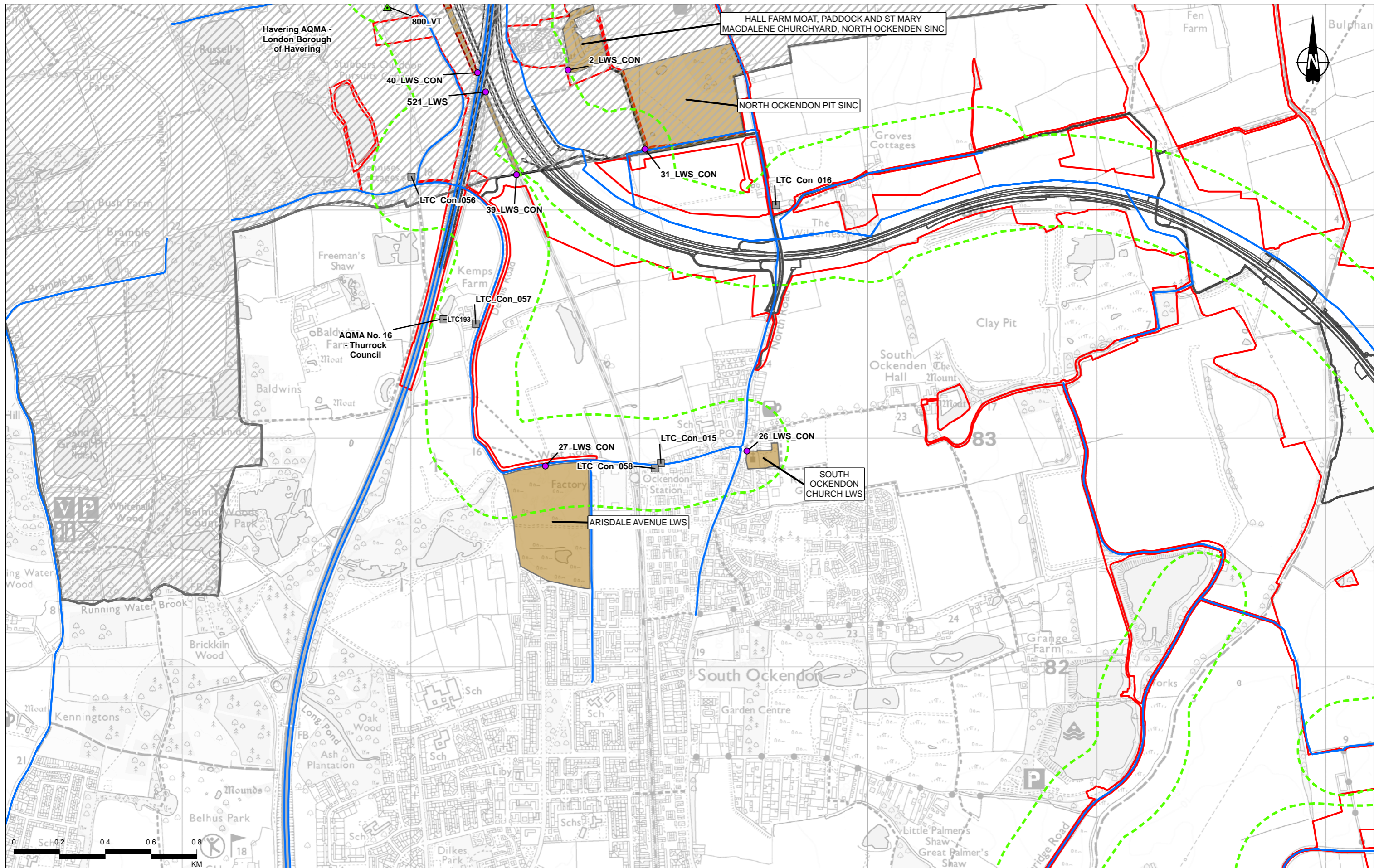
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Client: national highways

Project: LOWER THAMES CROSSING

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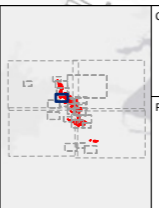
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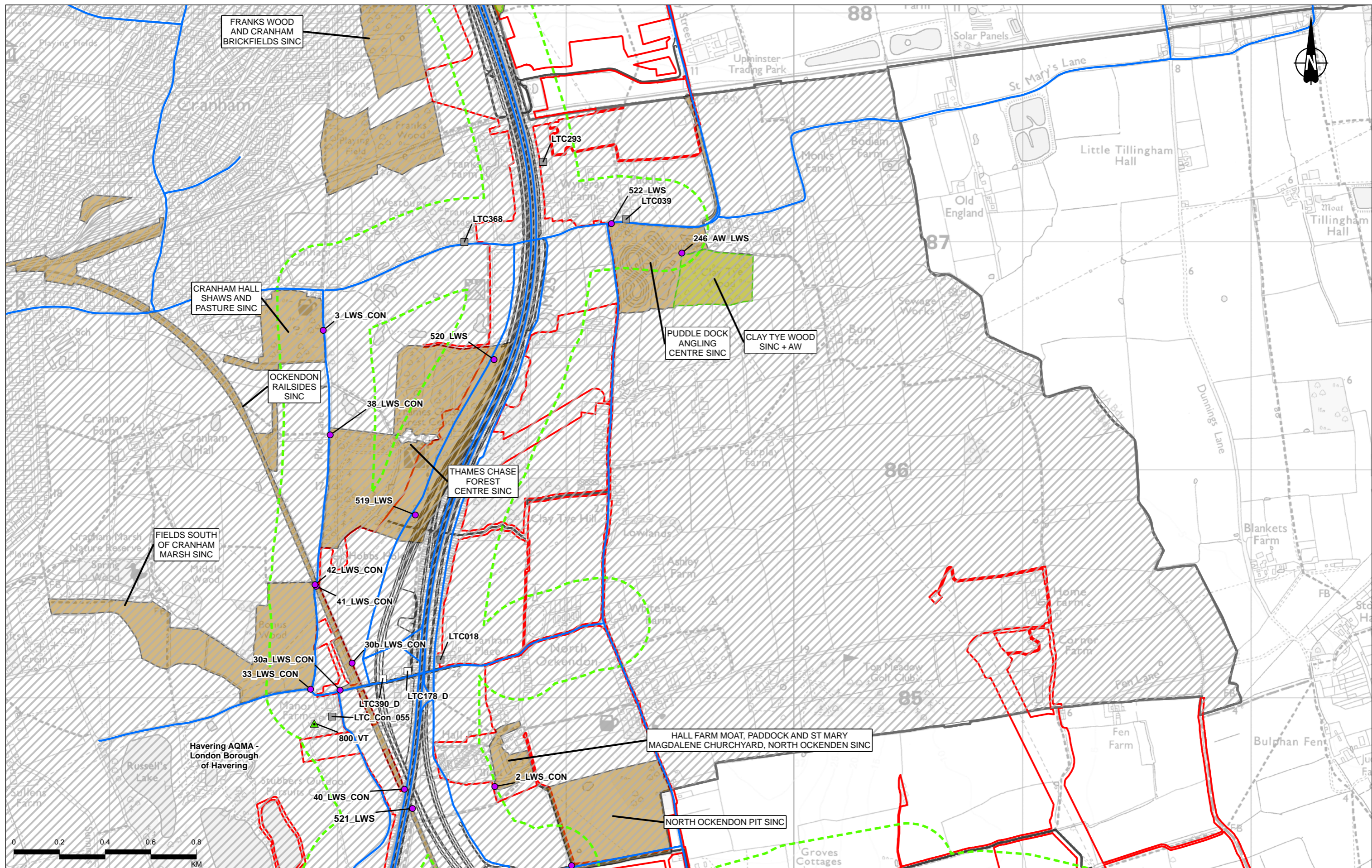
- Compliance Receptors 2030**
Project change in annual mean NO₂
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Client: **national highways**

Project: **LOWER THAMES CROSSING**

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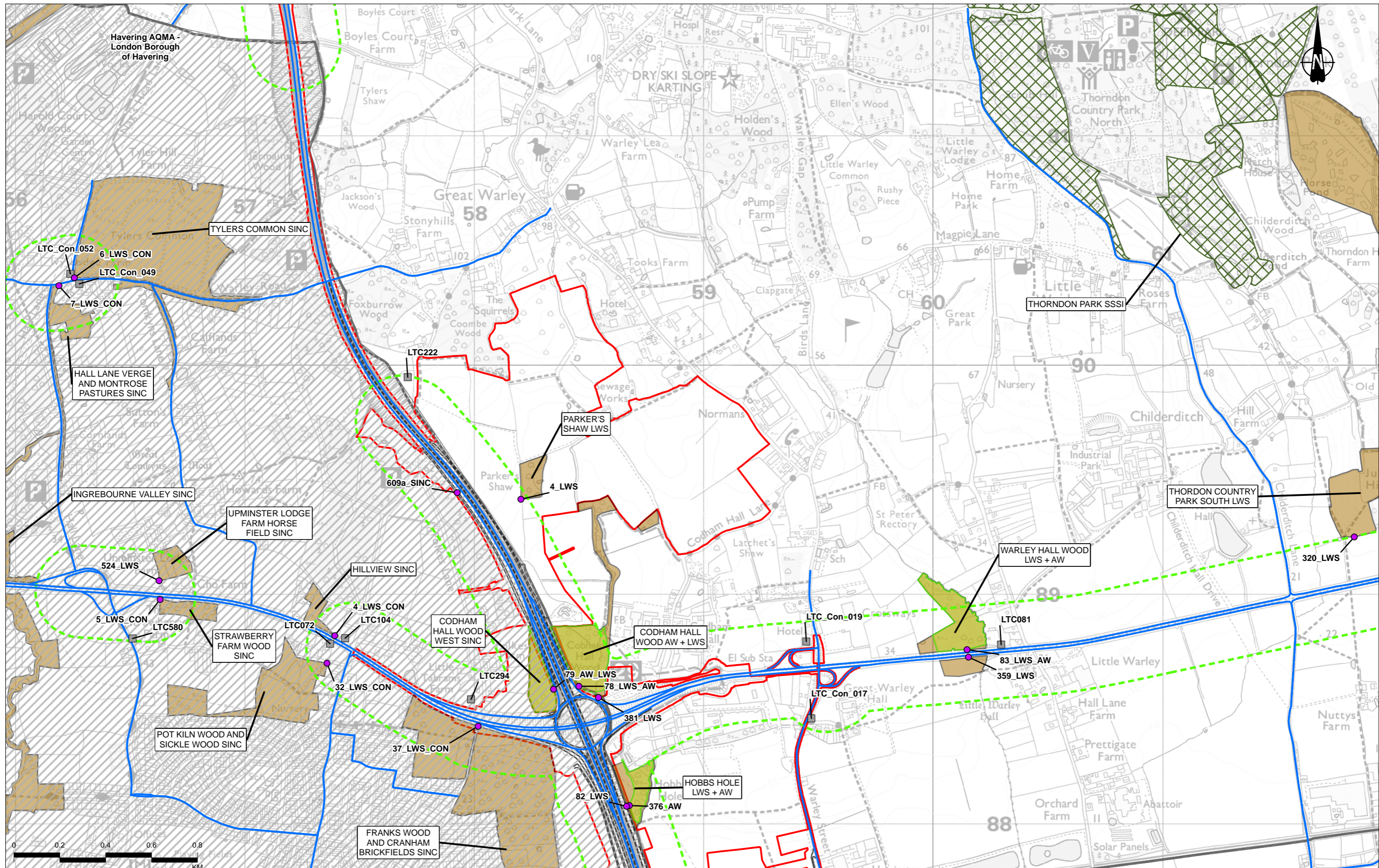
Legend

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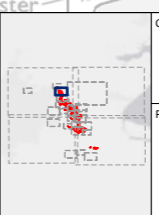
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Human Receptors 2030
Project change in annual mean NO₂

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Project change in annual mean NO₂

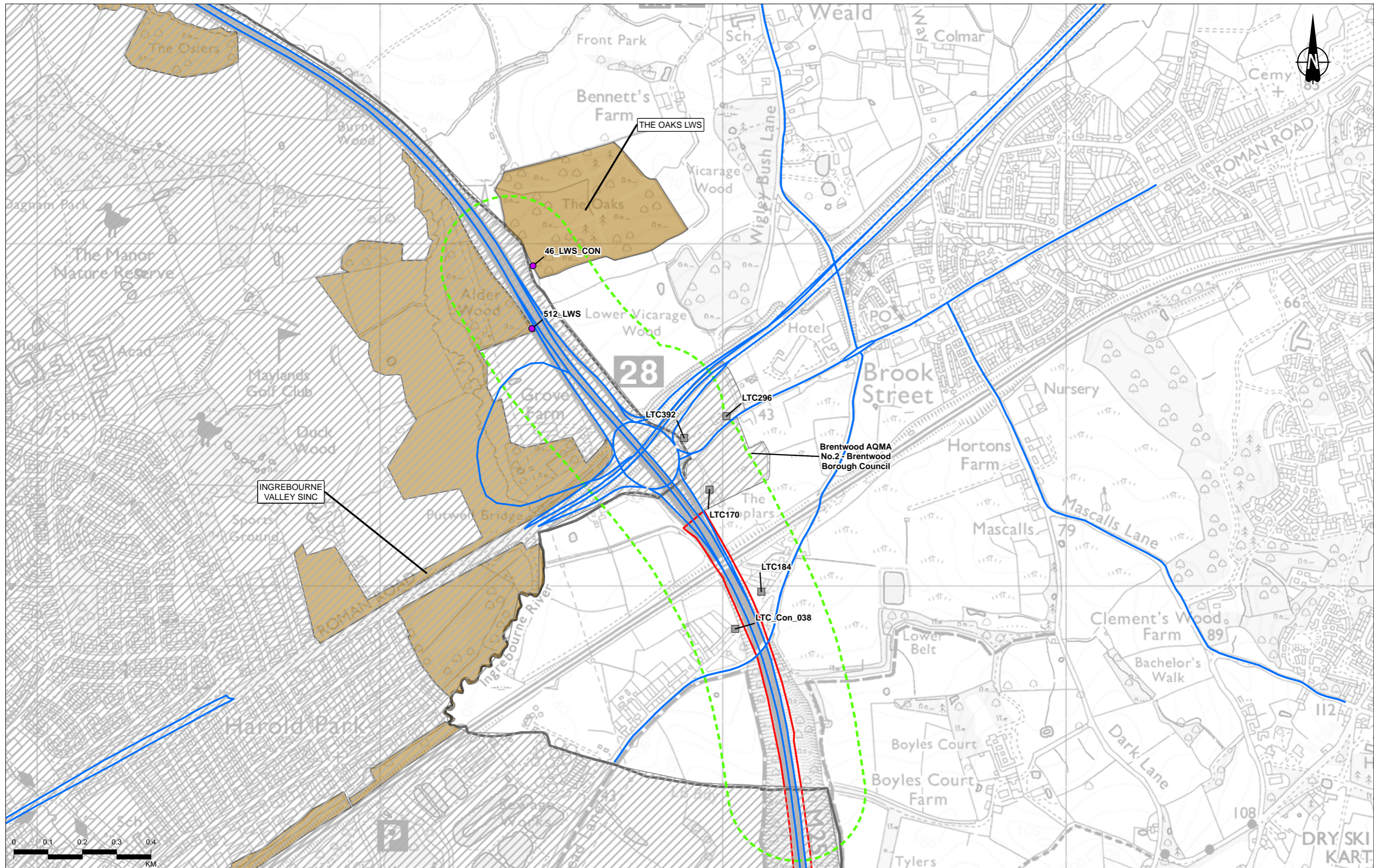
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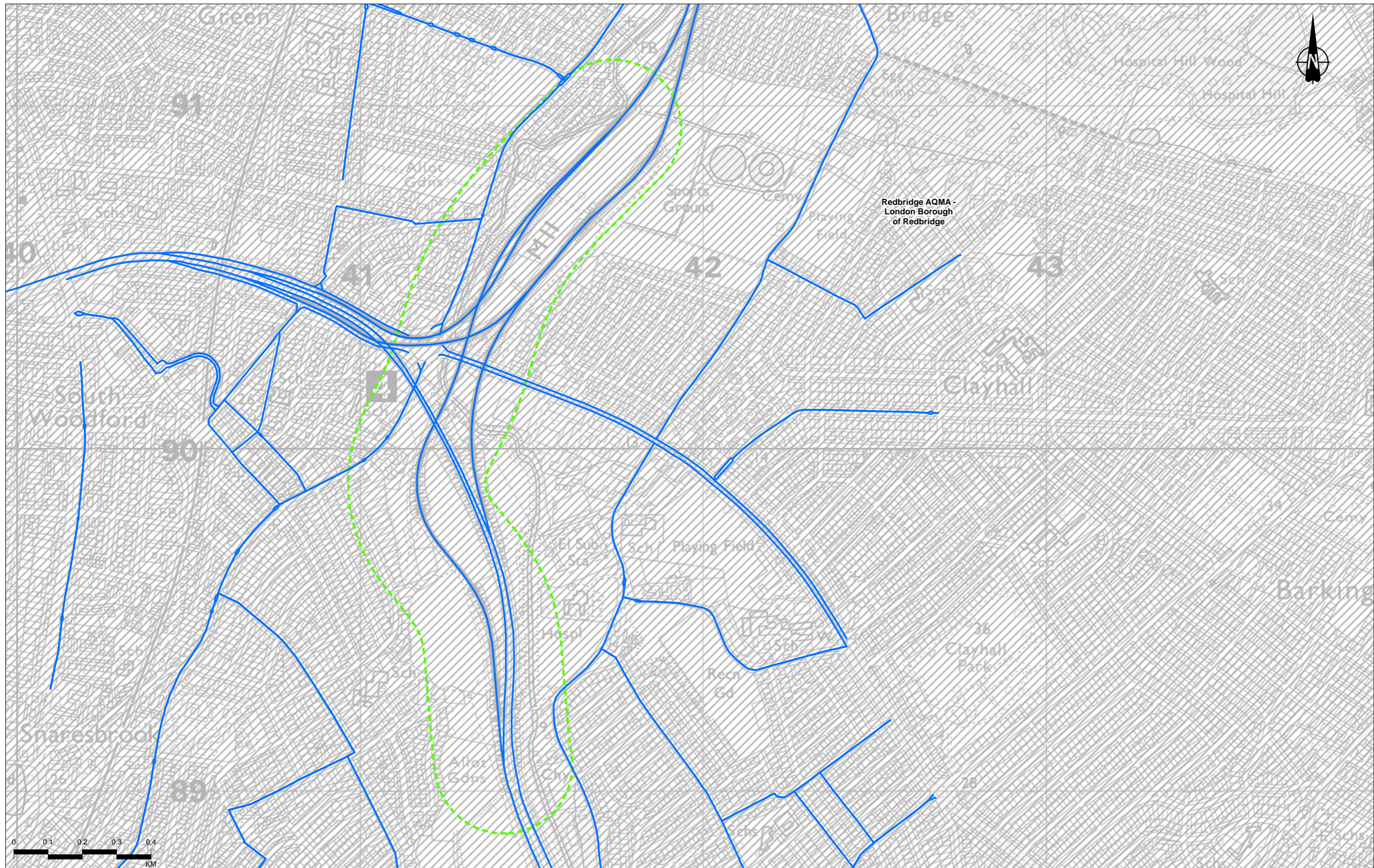
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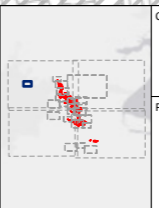
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