

# Lower Thames Crossing

## 6.2 Environmental Statement Figures

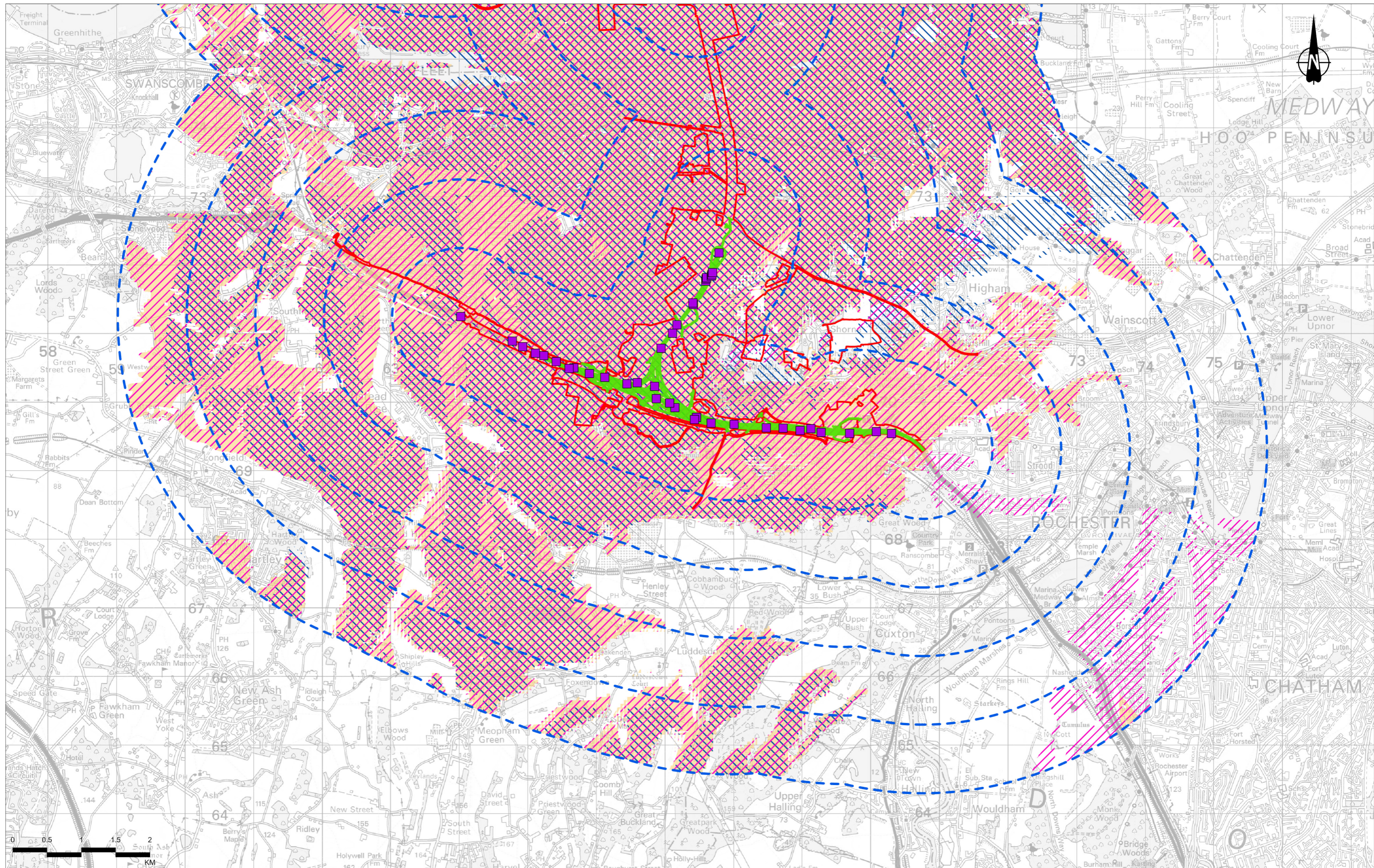
### Figure 7.10 - ZTV (5km) - Lower Thames Crossing route Analysis Overview

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	Checked	Approved
P03	S8	09/08/2022	DCO Application	RG	SK	BF

**Legend**

	Order Limits
	Gantry locations considered within Zone of Theoretical Visibility
	Route alignment, overbridges, side roads and access roads considered within Zone of Theoretical Visibility
	5km study area (1km interval offsets)
	<b>Zone of Theoretical Visibility (ZTV):</b> ZTV for route alignment (including gantries)
	ZTV for vehicles travelling along the route alignment (including gantries)
	ZTV for vehicles travelling on overbridges, side roads and access roads

**Notes:**

- The Zone of Theoretical Visibility (ZTV) was created using Esri ArcGIS (Visibility Tool). It is based on the combined 5m Digital Terrain Model (DTM). This has been compiled from data received from National Highways.
- The ZTV illustrates the area of theoretical visibility of the proposed elements of the Project and a view height of 2m and is limited to a 5km study area.
- The ZTV for vehicles travelling along the Project route and on overbridges/ side roads/ access roads has been run using an assumed maximum vehicle height of 4.5m.
- This figure shows theoretical visibility and therefore the worst case extent to which the Project could be visible from the surrounding landscape. The actual extent of visibility is likely to be substantially less than shown on this figure, in particular within urban areas where with the exception of settlement edges, outward views are typically screened by existing buildings or other features.

**Client**  
national highways

**Project**  
LOWER THAMES CROSSING

**Status**  
DCO APPLICATION

**Application Document Number**  
TR010032/APP/6.2

**Drawing Title**  
Figure 7.10 - ZTV (5km) - Lower Thames Crossing route Analysis Overview

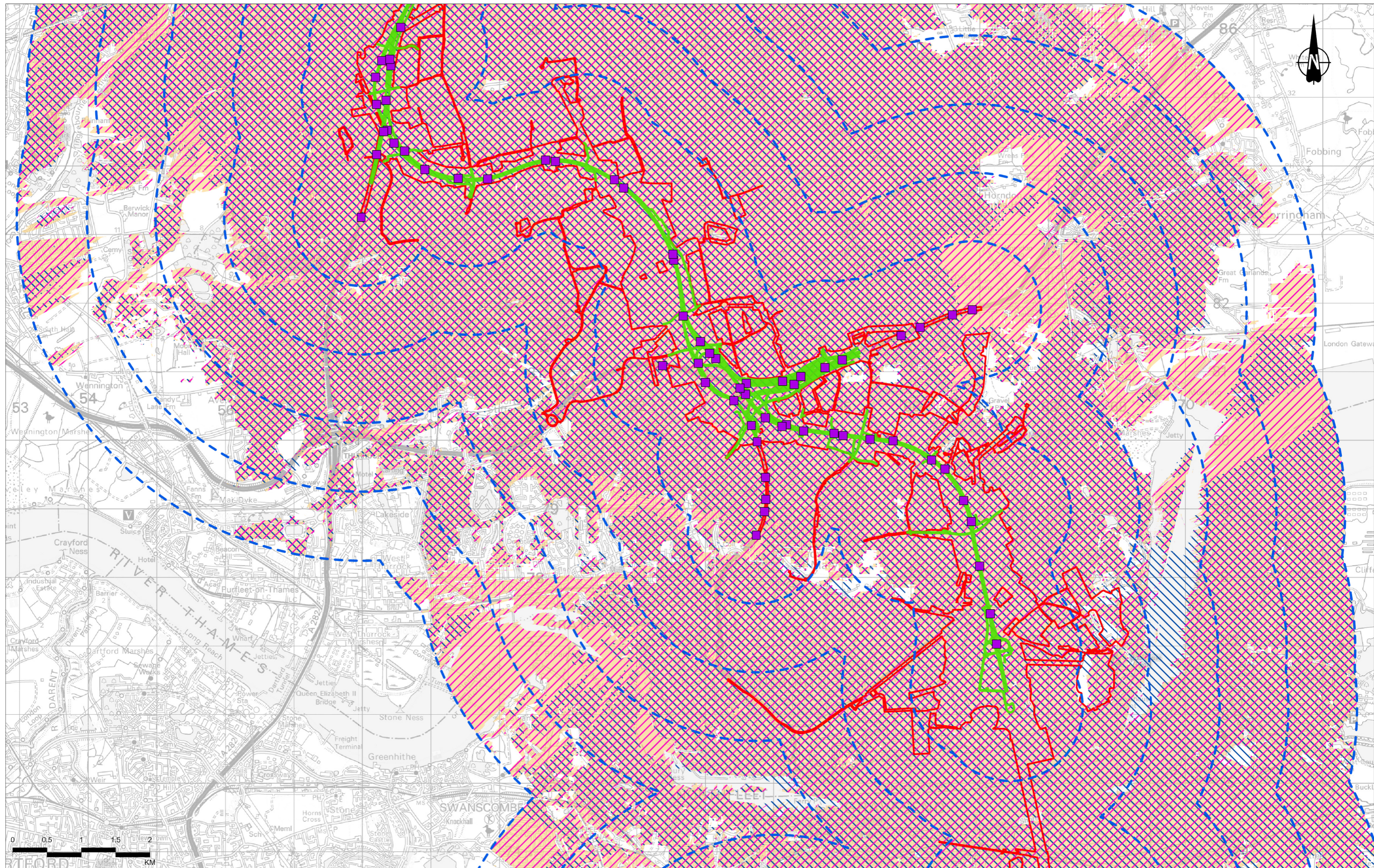
**Original Size**  
A3

**Revision**  
P03

**Scale**  
1:50,000

**Drawing Number**  
HE540039-CJV-ELS-SZP\_EGNE00000000-DR-LE-50029

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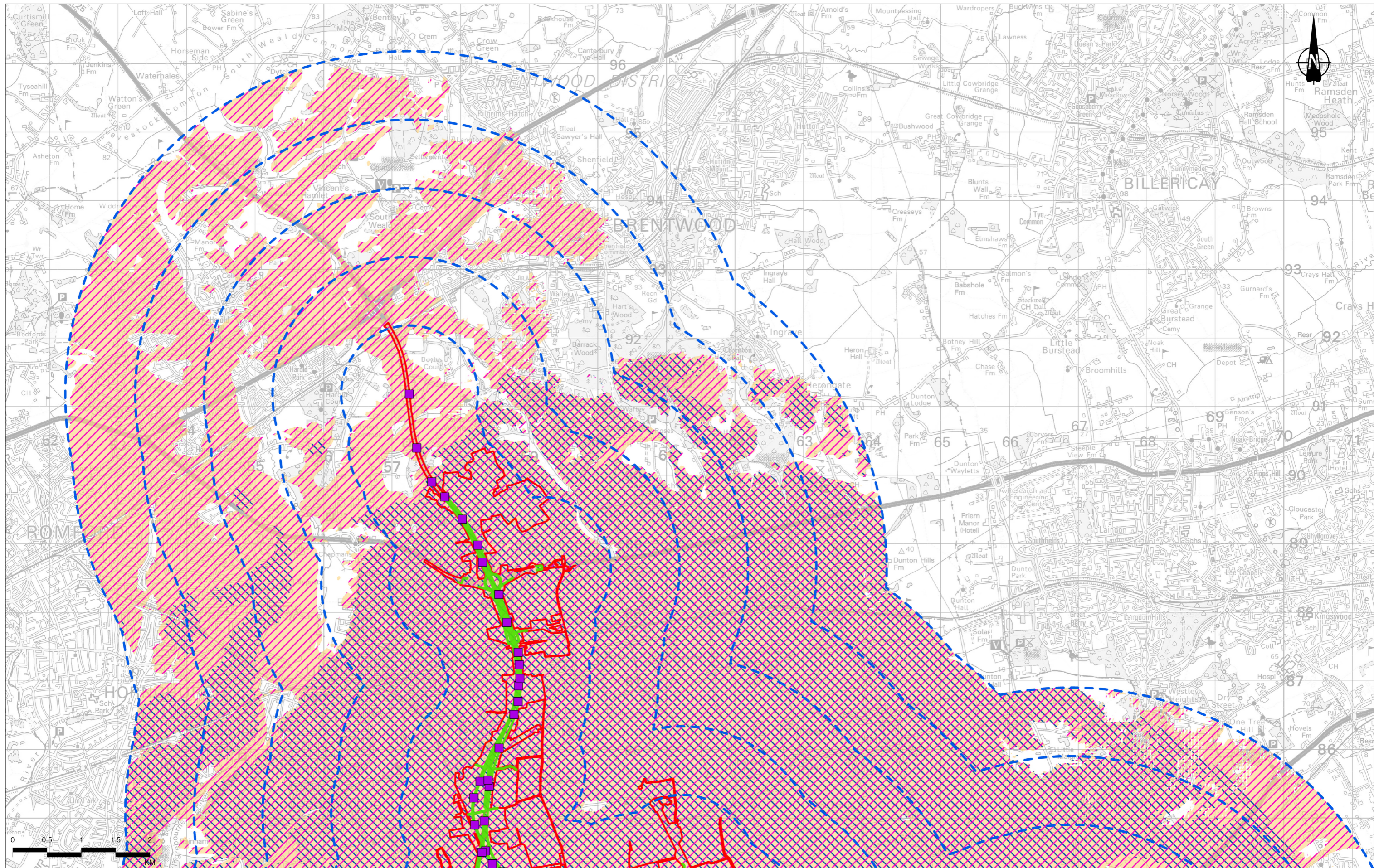
Client

**national highways**

Project

**LOWER THAMES CROSSING**

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Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.10 - ZTV (5km) - Lower Thames Crossing route Analysis Overview				
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Status	DCO APPLICATION	Original Size	A3	Revision	P03
Application Document Number	TR010032/APP/6.2	Scale	1:50,000		
Drawing Title	Figure 7.10 - ZTV - 5km DTM Overview of Project Highway Analysis				Page 3 of 3
Drawing Number	HE540039-CJV-ELS-SZP_EGNE00000000-DR-LE-50029				

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