



# Lower Thames Crossing

## 2.16 Drainage Plans

### Volume A (key plan)

(Tracked changes version)

APFP Regulation 5(2)(o)

Infrastructure Planning (Applications:  
Prescribed Forms and Procedure)  
Regulations 2009

Volume 2

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### Revision History

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Version	Date	Submitted at
1.0	31 October 2022	DCO Application
2.0	24 August 2023	Deadline 3
3.0	19 September 2023	Deadline 4
<a href="#">4.0</a>	<a href="#">17 November 2023</a>	<a href="#">Deadline 7</a>

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2 Schedule of Plans included in this application document 3¶  
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## 1 Introduction

- 1.1.1 This document is submitted to the Planning Inspectorate on behalf of the Secretary of State in relation to an application made by National Highways (the Applicant) under section 37 of the Planning Act 2008.
- 1.1.2 The application is for the grant of development consent for the A122 Lower Thames Crossing. Should development consent be granted, the draft A122 (Lower Thames Crossing) Development Consent Order (Application Document 3.1) (the draft Order) will be made by the Secretary of State (subject to any modifications considered appropriate).
- 1.1.3 This document comprises part of the suite of application documentation and is included in the application to comply with Regulations 5(2)(o) and Regulation 5(4) of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, which require:
- 5(2)(o) 'any other plans, drawings and sections necessary to describe the proposals for which development consent is sought, showing details of design, external appearance, and the preferred layout of buildings or structures, drainage, surface water management, means of vehicular and pedestrian access, any car parking to be provided, and means of landscaping.*
- 5(4) Where a plan comprises three or more separate sheets a key plan must be provided showing the relationship between the different sheets.'*
- 1.1.4 The purpose of the Drainage Plans is to show the key features of the drainage design of the Project for which development consent is sought. Each sheet shows the relevant drainage design within the area shown. The highways design is shown in the background on the Drainage Plans for illustrative purposes and specifically to provide context and aid understanding of the works.
- 1.1.5 This plan set numbers all the proposed wetland and infiltration basins shown in the design. The works numbers provided are shown in the Works Plans (Application Document 2.6) and defined in Schedule 1 of the draft Order (Application Document 3.1).
- 1.1.6 Each sheet shows the relevant drainage design and works numbers applicable within the area shown. Reference should be made to the next relevant sheet for details of works numbers beyond the cut lines. Other information on the Drainage Plans is shown beyond the cut lines for completeness and context.
- 1.1.7 To ensure sufficient detail and clarity of information, the Drainage Plans (sheets 1 to 49) have been prepared at a scale of 1:2500. The key plan uses a smaller scale than that prescribed in Regulation 5(3) of the 2009 Regulations so that the Project can be represented on a single sheet plan.
- 1.1.8 The Applicant has adopted the same consistent approach for Drainage Plans as has been used for the following:
- a. Land Plans (Application Document 2.2)
  - b. Crown Land Plans (Application Document 2.3)

- c. Special Category Land Plans (Application Document 2.4)
  - d. General Arrangement Plans (Application Document 2.5)
  - e. Works Plans (Application Document 2.6)
  - f. Rights of Way and Access Plans (Application Document 2.7)
  - g. Streets Subject to Temporary Restrictions of Use Plans (Application Document 2.8)
  - h. Traffic Regulation Measures Plans (Application Document 2.10)
  - i. Temporary Works Plans (Application Document 2.17)
  - j. Hedgerow and Tree Preservations Order Plans (Application Document 2.18)
- 1.1.9 The information contained on each sheet of the Drainage Plans corresponds with the geographical information shown on each sheet of the aforementioned sets. This is intended to help interested parties understand the inter-relationship between the different sets of plans and to help illustrate the design of the Project more clearly.
- 1.1.10 This approach means that there are some sheets that cover an area of the Project where there is no drainage design. On these sheets, the Applicant has introduced a label stating: 'No design information on this sheet'.
- 1.1.11 The Drainage Plans show the Order Limits and the relevant local authority boundaries. In this plan set, 'the Order Limits' mean the limits of lands to be acquired or used, permanently or temporarily, within which the authorised development may be carried out, as set out in Article 2 of the draft Order (Application Document 3.1).
- 1.1.12 This plan set uses a different legend on all sheets: it shows a consistent base key (presented across the plan set) followed by a sheet-specific key for catchment areas and outfalls. This means that there may be some items shown in the key that are not on a given sheet.
- 1.1.13 As this document has been informed by and is part of the application documentation it should be read alongside the other application documents. In particular, the plans should be read alongside Schedule 1 of the draft Order (Application Document 3.1).
- 1.1.14 To ensure that the file size of this document does not exceed the 50MB limit prescribed by the Planning Inspectorate, the set has been split into three volumes: volume A contains the key plan, volume B the initial sheets 1 to 20 and volume C contains the following sheets, 21 to 49.
- 1.1.15 These plans have been updated for Deadline 3 to include the minor amendments as advised by the Examining Authority in Rule 9 [\[PD-022\]](#).
- 1.1.16 These plans have been updated for Deadline 4 to include the proposed changes MRC01, MRC02 and MRC03 following the procedural decision made by the Examining Authority [\[PD-031\]](#).

1.1.17 These plans have been updated for Deadline 7 to include the proposed amendment EA07, as detailed in Deadline 5 cover letter [REP5-001].

## 2 Schedule of Plans included in this application document

Document Title	Document Number	Revision
DRAINAGE PLANS REGULATION 5(2)(o) KEY PLAN	TR010032/APP/2.16	<del>P03</del> P04
DRAINAGE PLANS REGULATION 5(2)(o) SHEET 1	TR010032/APP/2.16	P02
DRAINAGE PLANS REGULATION 5(2)(o) SHEET 2	TR010032/APP/2.16	P02
DRAINAGE PLANS REGULATION 5(2)(o) SHEET 3	TR010032/APP/2.16	P01
DRAINAGE PLANS REGULATION 5(2)(o) SHEET 4	TR010032/APP/2.16	P01
DRAINAGE PLANS REGULATION 5(2)(o) SHEET 5	TR010032/APP/2.16	P01
DRAINAGE PLANS REGULATION 5(2)(o) SHEET 6	TR010032/APP/2.16	P01
DRAINAGE PLANS REGULATION 5(2)(o) SHEET 7	TR010032/APP/2.16	P01
DRAINAGE PLANS REGULATION 5(2)(o) SHEET 8	TR010032/APP/2.16	P01
DRAINAGE PLANS REGULATION 5(2)(o) SHEET 9	TR010032/APP/2.16	P01
DRAINAGE PLANS REGULATION 5(2)(o) SHEET 10	TR010032/APP/2.16	P01
DRAINAGE PLANS REGULATION 5(2)(o) SHEET 11	TR010032/APP/2.16	P01

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DRAINAGE PLANS REGULATION 5(2)(o) SHEET 12	TR010032/APP/2.16	P01
DRAINAGE PLANS REGULATION 5(2)(o) SHEET 13	TR010032/APP/2.16	P01
DRAINAGE PLANS REGULATION 5(2)(o) SHEET 14	TR010032/APP/2.16	P01
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DRAINAGE PLANS REGULATION 5(2)(o) SHEET 22	TR010032/APP/2.16	P02
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DRAINAGE PLANS REGULATION 5(2)(o) SHEET 24	TR010032/APP/2.16	P02

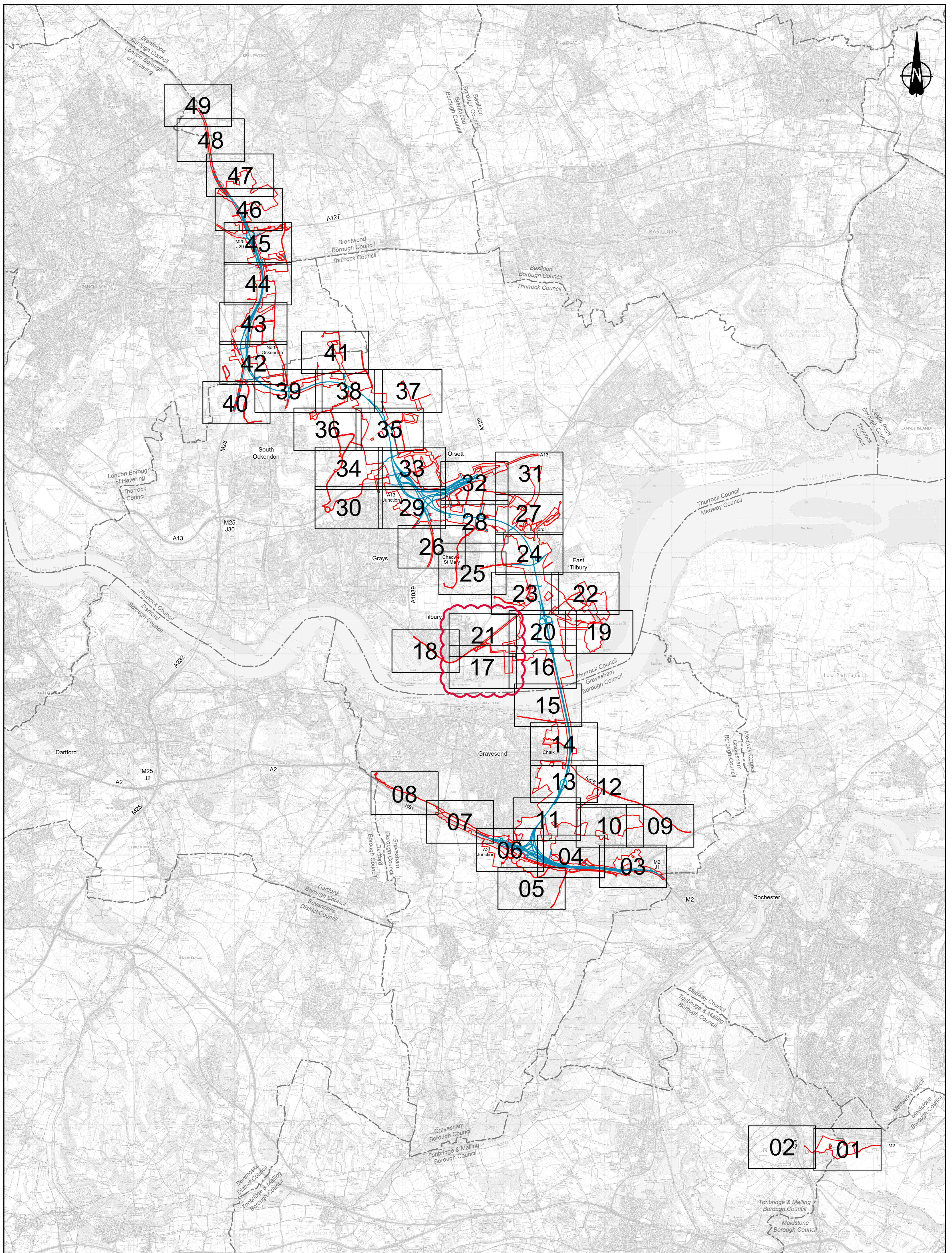
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Document Title	Document Number	Revision
DRAINAGE PLANS REGULATION 5(2)(o) SHEET 25	TR010032/APP/2.16	P01
DRAINAGE PLANS REGULATION 5(2)(o) SHEET 26	TR010032/APP/2.16	P01
DRAINAGE PLANS REGULATION 5(2)(o) SHEET 27	TR010032/APP/2.16	P01
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DRAINAGE PLANS REGULATION 5(2)(o) SHEET 37	TR010032/APP/2.16	P01

Document Title	Document Number	Revision
DRAINAGE PLANS REGULATION 5(2)(o) SHEET 38	TR010032/APP/2.16	P01
DRAINAGE PLANS REGULATION 5(2)(o) SHEET 39	TR010032/APP/2.16	P01
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DRAINAGE PLANS REGULATION 5(2)(o) SHEET 48	TR010032/APP/2.16	P01
DRAINAGE PLANS REGULATION 5(2)(o) SHEET 49	TR010032/APP/2.16	P01



Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Apprv'd
P01	SB	19/10/2022	DCO Application	CH	BB	ASB
P02	SB	24/08/2023	Deadline 3	CH	BB	ASB
P03	SB	19/09/2023	Deadline 4	CH	BB	ASB
P04	SB	31/10/2023	Deadline 6	GP	BB	ASB
P05	SB	17/11/2023	Deadline 7	GP	BB	ASB

**LEGEND:**

- Proposed Route
- Order Limits
- Local Authority boundary
- 03 Drawing sheet number

0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000  
 SCALE 1:50000 (A1)  
 SCALE 1:100000 (A3)  
 METRES

Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO Examination	Original Size	Revision
Application Document Number	TR010032/APP/2.16	A1	P05
Drawing title	<b>DRAINAGE PLANS REGULATION 5(2)(o) KEY PLAN</b>		
Drawing Number	HE540039-CJV-BOP-SZZ_DN000000_-DR-CD-10000		

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