

Lower Thames Crossing

2.13 Structures Plans

Volume A (key plan and sheets 1 to 11)

APFP Regulation 5(2)(o)

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

Volume 2

DATE: October 2022

Planning Inspectorate Scheme Ref: TR010032
Application Document Ref: TR010032/APP/2.13

VERSION: 1.0

(THIS PAGE IS INTENTIONALLY LEFT BLANK)

Lower Thames Crossing

List of contents

	Page number
1 Introduction	1
2 Schedule of Plans included in this application document	3

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 5(4) of the Infrastructure Planning (Applications: Prescribed Forms and Procedures) 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 Structures Plans is to show the design and location of key features of the Project: namely, proposed new and modified bridges, the tunnel structures (south tunnel portal, north tunnel portal, bored tunnels and the ground protection tunnel), generic details of field bridges and bat barns and the three different types of gantries.
- 1.1.5 The set includes references to the numbered works, which can be found in the Works Plans (Application Document 2.6) and in Schedule 1 (Application Document 3.1). The work number for each structure is shown in the structures location key plans (sheets 1 to 11) and on each corresponding sheet.
- 1.1.6 The information shown on the plans is commensurate with the preliminary design status of the Project and the detailed design will be in accordance with the extent of the defined limits of deviation provided and any approval required under the DCO requirements set out in Schedule 2 of the draft Order (Application Document 3.1).
- 1.1.7 The lateral limits of deviation for the works are shown in the Works Plans (Application Document 2.6) and in the Tunnel Limits of Deviation (Application Document 2.15); article 6 of the draft Order establishes the vertical limits of deviation. Further information about the limits of deviation is provided in the Introduction to the Application (Application Document 1.3).
- 1.1.8 The key plan and the structures location plans (sheets 1 to 11) use a smaller scale than that prescribed in Regulation 5(3) of the 2009 Regulations so that the Project, or the section of the Project, can be represented on a single sheet plan. The scales in the key plans vary from 1:50,000 to 1:5,000. The remaining sheets in the set containing the plan and profiles and the cross sections have

been prepared at various scales, according to the level of detail required, varying between 1:2,000 and 1:25.

- 1.1.9 The Applicant has prepared a tailored legend for the plans showing the proposed bridges arrangement as some elements of the design vary between the different type of structures. However, the same design features are shown where relevant: namely, the bridge abutments, the piers, Network Rail boundary, flood levels, the finished road level, and, for the modified bridges, the existing part of the section.
- 1.1.10 The Structures Plans show the Order Limits and the relevant local authority boundaries for clarity. 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 (see article 2 of the draft Order (Application 3.1)).
- 1.1.11 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 the Works Plans (Application Document 2.6) and Schedule 1 of the draft Order (Application Document 3.1).
- 1.1.12 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 two volumes: volume A contains the key plans and volume B the subsequent sheets 12 to 79.

2 Schedule of Plans included in this application document

Document Title	Document Number	Revision
STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 1	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 2	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 3	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 4	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 5	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 6	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 7	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 8	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 9	TR010032/APP/2.13	P01

Document Title	Document Number	Revision
STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 10	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 11	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) SOUTH TUNNEL PORTAL SHEET 12	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) SOUTH TUNNEL PORTAL SHEET 13	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) SOUTH TUNNEL PORTAL SHEET 14	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) NORTH TUNNEL PORTAL SHEET 15	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) NORTH TUNNEL PORTAL SHEET 16	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) NORTH TUNNEL PORTAL SHEET 17	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) BORED TUNNELS SHEET 18	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) GROUND PROTECTION TUNNEL SHEET 19	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 1D SHEET 20	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 1H SHEET 21	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 2B SHEET 22	TR010032/APP/2.13	P01

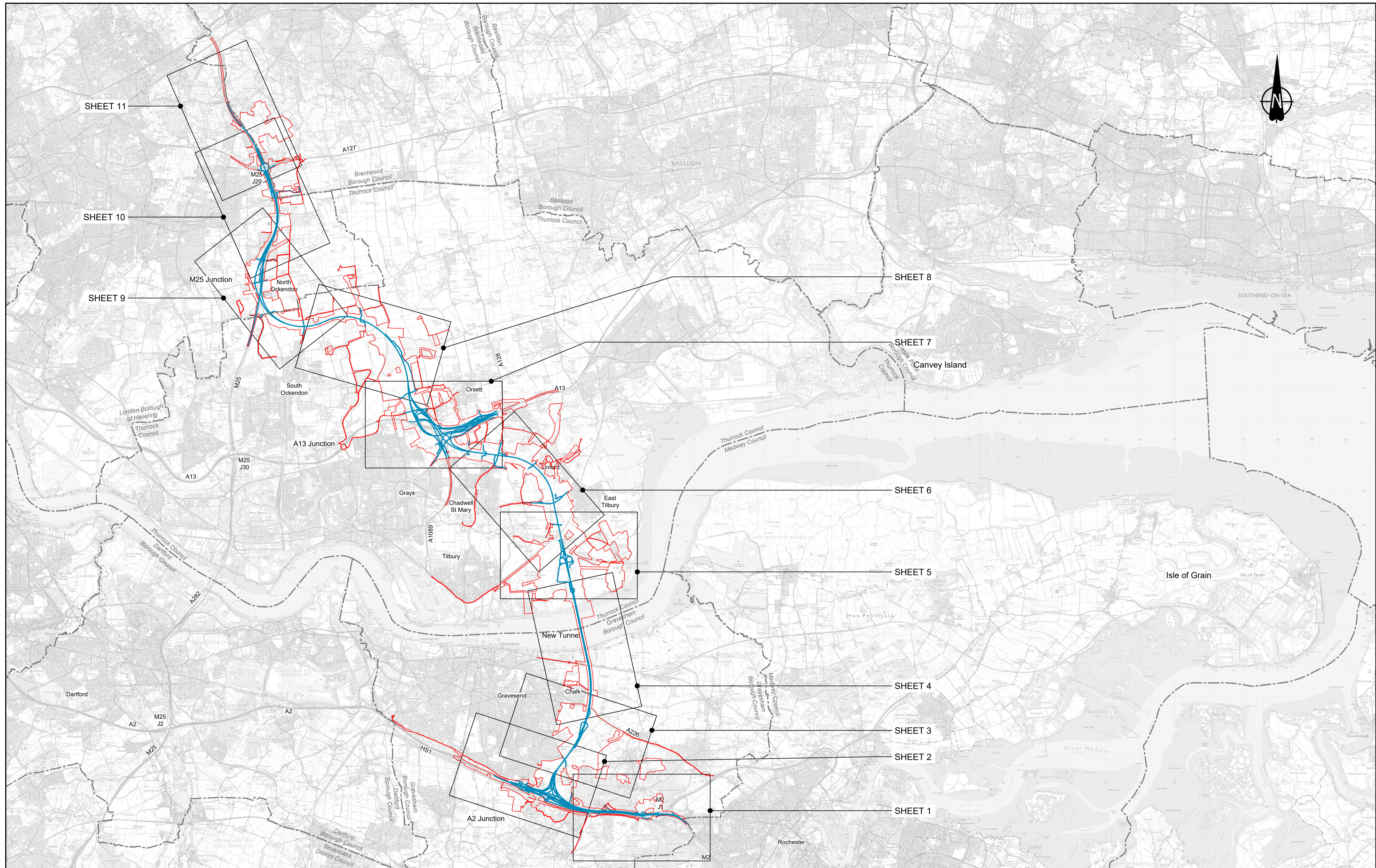
Document Title	Document Number	Revision
STRUCTURES PLANS 5(2)(o) WORK NO. 2A SHEET 23	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 2D SHEET 24	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 2B SHEET 25	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 3B SHEET 26	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 2I SHEET 27	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 2G SHEET 28	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 2E SHEET 29	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 5C SHEET 30	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 6B SHEET 31	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 6C SHEET 32	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 6D SHEET 33	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 7B SHEET 34	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 7D SHEET 35	TR010032/APP/2.13	P01

Document Title	Document Number	Revision
STRUCTURES PLANS 5(2)(o) WORK NO. 7D SHEET 36	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(O) WORK NO. 7D SHEET 37	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 7E SHEET 38	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 7E SHEET 39	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 7E SHEET 40	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 7C SHEET 41	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 7F SHEET 42	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 7G SHEET 43	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 7H SHEET 44	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 7I SHEET 45	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 7J SHEET 46	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 7G SHEET 47	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 7N SHEET 48	TR010032/APP/2.13	P01

Document Title	Document Number	Revision
STRUCTURES PLANS 5(2)(o) WORK NO. 7K SHEET 49	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 7L SHEET 50	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 7L SHEET 51	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 7M SHEET 52	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 8B SHEET 53	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 8B SHEET 54	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 8C SHEET 55	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 8D SHEET 56	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 9M SHEET 57	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 9A SHEET 58	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 9M SHEET 59	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 9N SHEET 60	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 9A SHEET 61	TR010032/APP/2.13	P01

Document Title	Document Number	Revision
STRUCTURES PLANS 5(2)(o) WORK NO. 9D SHEET 62	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 9D SHEET 63	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 9D SHEET 64	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 9O SHEET 65	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 9Z SHEET 66	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 9E SHEET 67	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 9E SHEET 68	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 9E SHEET 69	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 9E SHEET 70	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 2F SHEET 71	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) TYPICAL FIELD BRIDGE SHEET 72	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) GANTRY (SUPER PORTAL TYPE) SHEET 73	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) GANTRY (PORTAL TYPE) SHEET 74	TR010032/APP/2.13	P01

Document Title	Document Number	Revision
STRUCTURES PLANS 5(2)(o) GANTRY (CANTILEVER TYPE) SHEET 75	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 9Y SHEET 76	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 7E SHEET 77	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) WORK NO. 5E SHEET 78	TR010032/APP/2.13	P01
STRUCTURES PLANS 5(2)(o) TYPICAL BAT BARN SHEET 79	TR010032/APP/2.13	P01



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

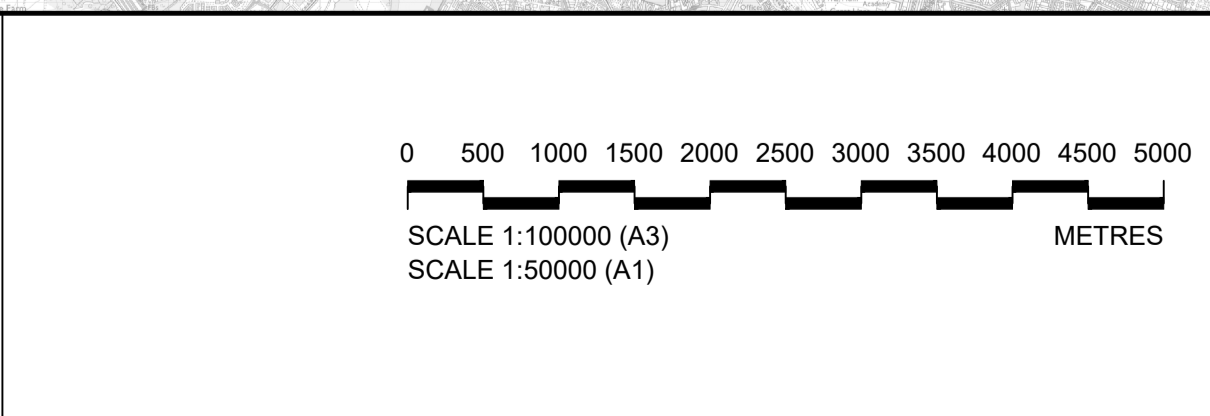
P01	SB	19/10/2022	DCO Application	PG1	BB	ASB
Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd	Appr'd

NOTES:

- The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1).
- These plans should be read in conjunction with Schedule 1 (Authorised Development) of the Development Consent Order (application document reference TR010032/APP/3.1), the General Arrangements Plans (application document reference TR010032/APP/2.5), the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig. 2.4) and the Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig. 2.3).
- Only those structures that form part of the DCO application are referenced on these Key Plans.

LEGEND:

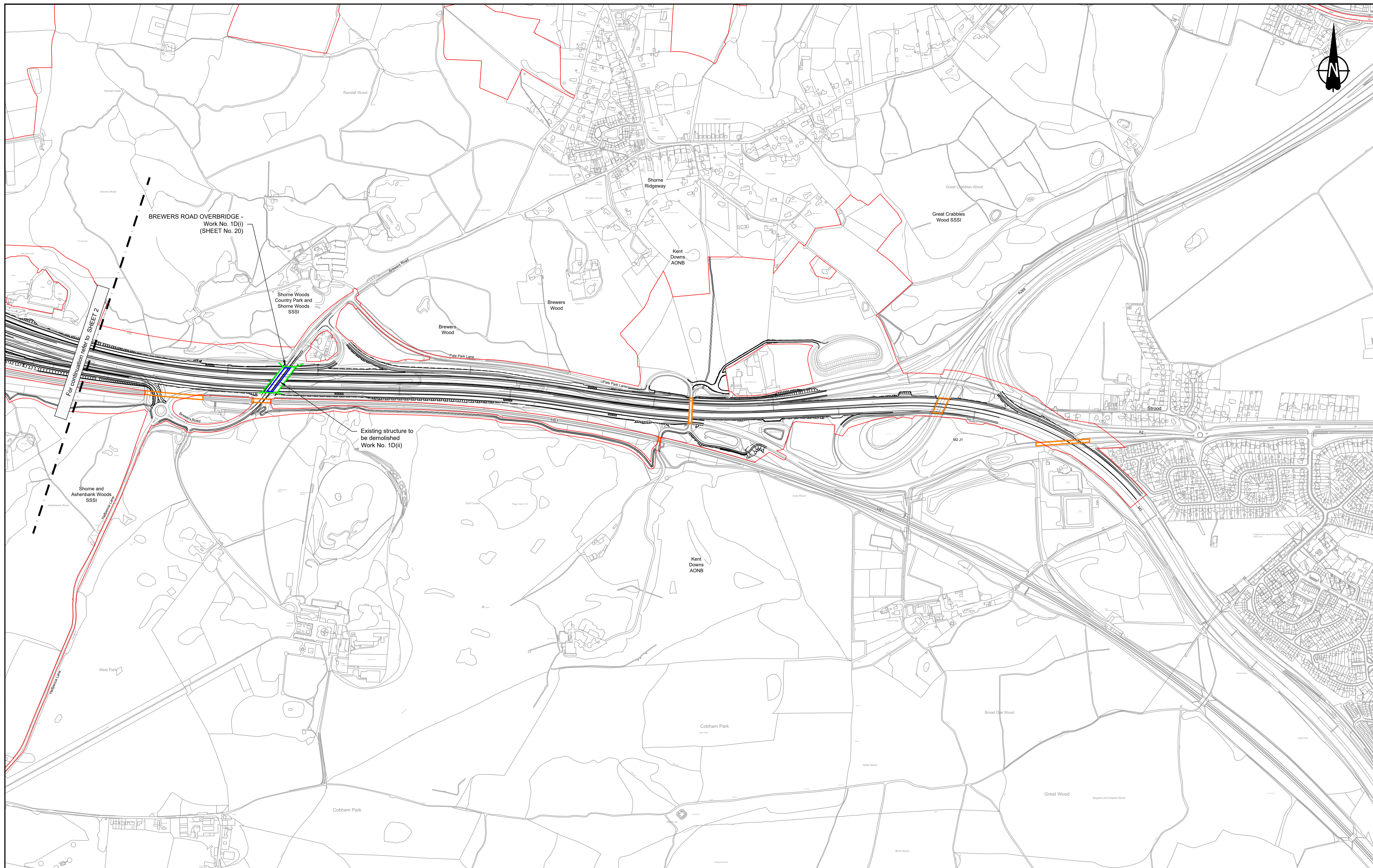
- Proposed Route
- Order Limits
- Local Authority Boundary



Client national highways

Project **LOWER THAMES CROSSING**

Status	DCO Application	Original Size	A1	Revision	P01
Application Document Number	TR010032/APP/2.13	Scale	1:50000		
Drawing title	STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN				
Drawing Number	HE540039-CJV-BOP-SZZ_ST000000_-DR-CB-10011				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

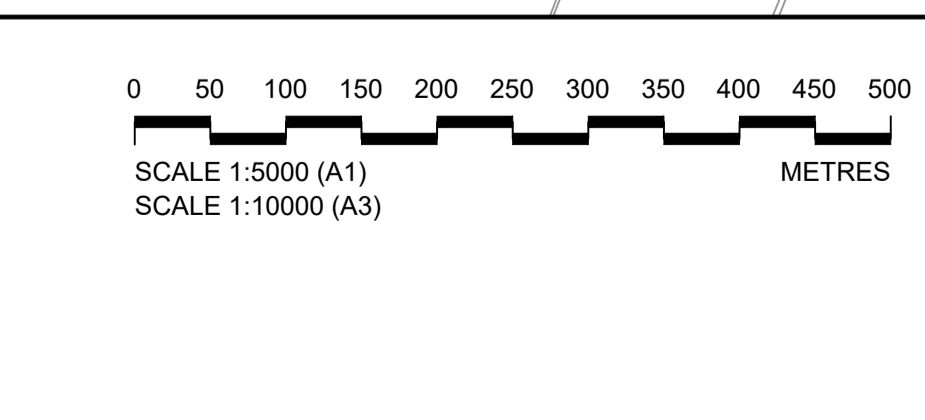
P01	S8	19/10/2022	DCO Application	PG1	BB	ASB
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Apprv'd

NOTES:

- The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1).
- These plans should be read in conjunction with Schedule 1 (Authorized Development) of the Development Consent Order (application document reference TR010032/APP/3.1), the General Arrangements Plans (application document reference TR010032/APP/2.5), the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig. 2.4) and the Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig. 2.3).
- Only those structures that form part of the DCO application are referenced on these Key Plans.

LEGEND

	Existing modified structure
	Existing retained structure
	Proposed overbridge structure
	Proposed underbridge structure
	Order Limits

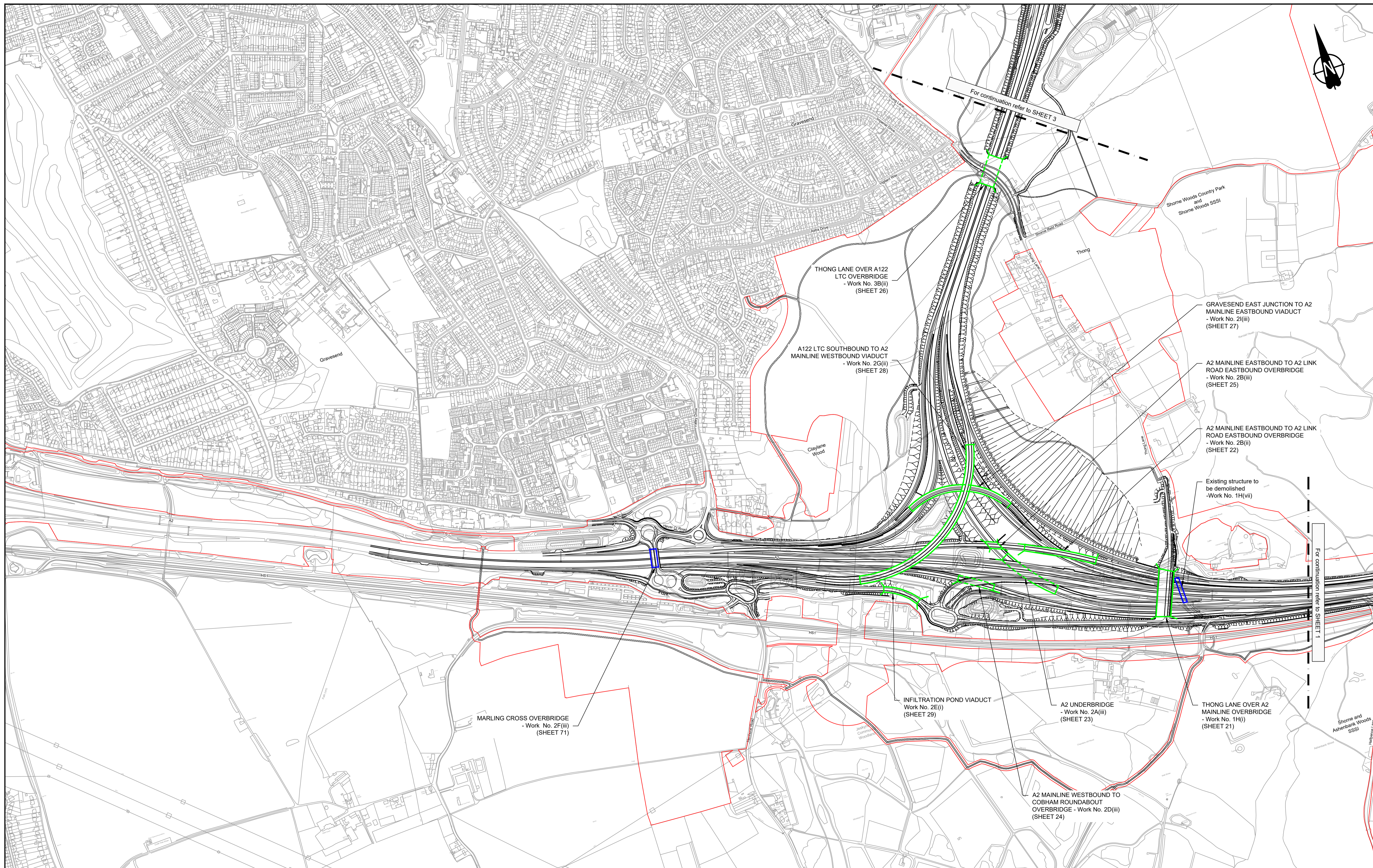


Client

Project

LOWER THAMES CROSSING

Status	DCO Application	Original Size	A1	Revision	P01
Application Document Number	TR010032/APP/2.13	Scale	1:5000		
Drawing title	STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 1				
Drawing Number	HE540039-CJV-BOP-SZZ_ST000000 -DR-CB-10000				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

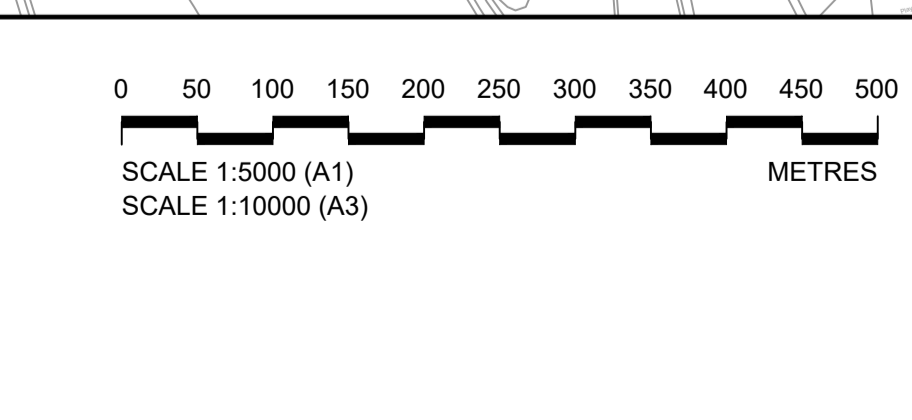
P01	S8	19/10/2022	DCO Application	PG1	BB	ASB
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Apprv'd

NOTES:

- The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1).
- These plans should be read in conjunction with Schedule 1 (Authorised Development) of the Development Consent Order (application document reference TR010032/APP/3.1), the General Arrangements Plans (application document reference TR010032/APP/2.5), the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig. 2.4) and the Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig. 2.3).
- Only those structures that form part of the DCO application are referenced on these Key Plans.

LEGEND

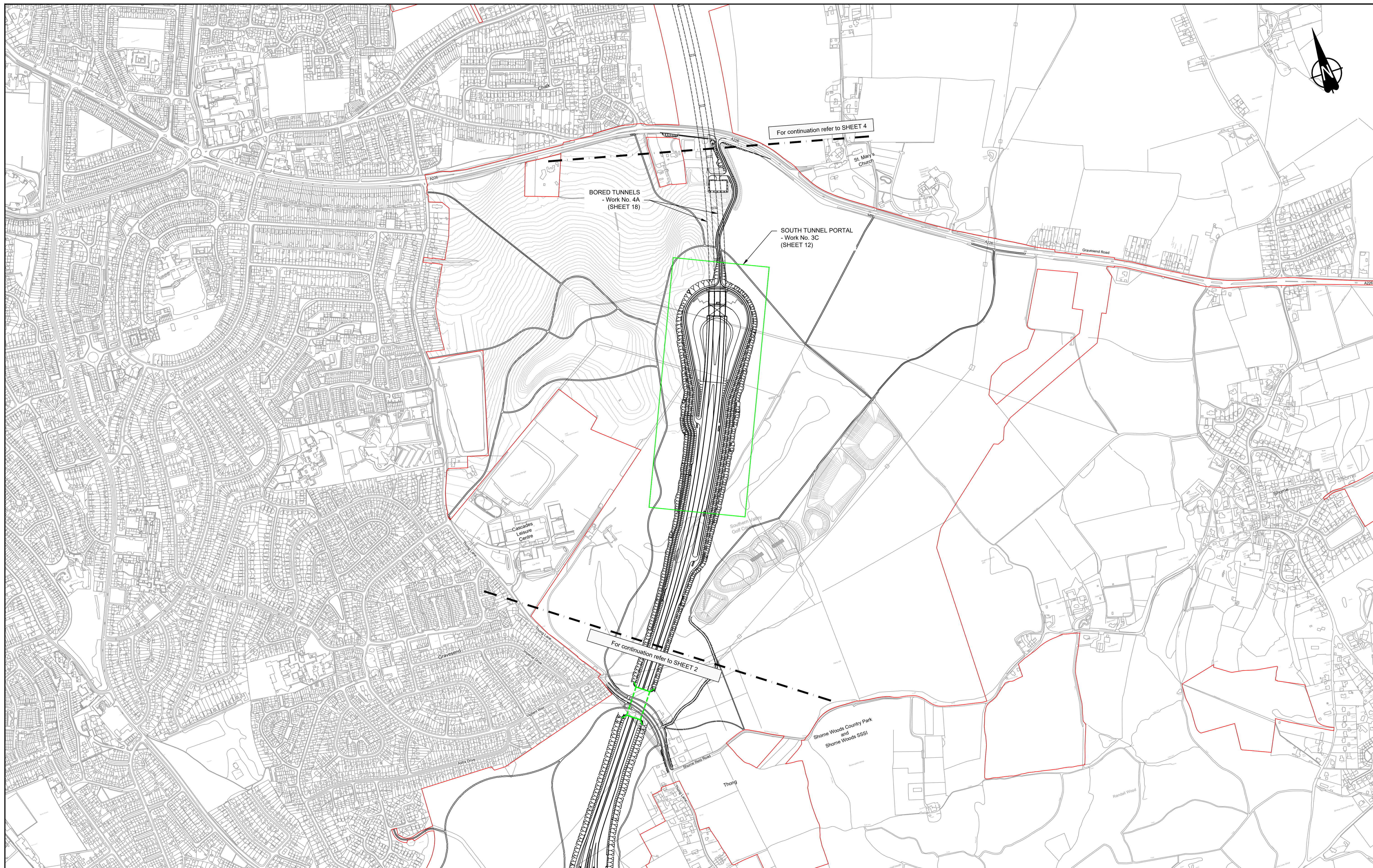
	Existing modified structure
	Existing retained structure
	Proposed overbridge structure
	Proposed underbridge structure
	Order Limits



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	DCO Application	Original Size	A1	Revision	P01
Application Document Number	TR010032/APP/2.13	Scale	1:5000		
Drawing title	STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 2				
Drawing Number	HE540039-CJV-BOP-SZZ_ST000000_-DR-CB-10001				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

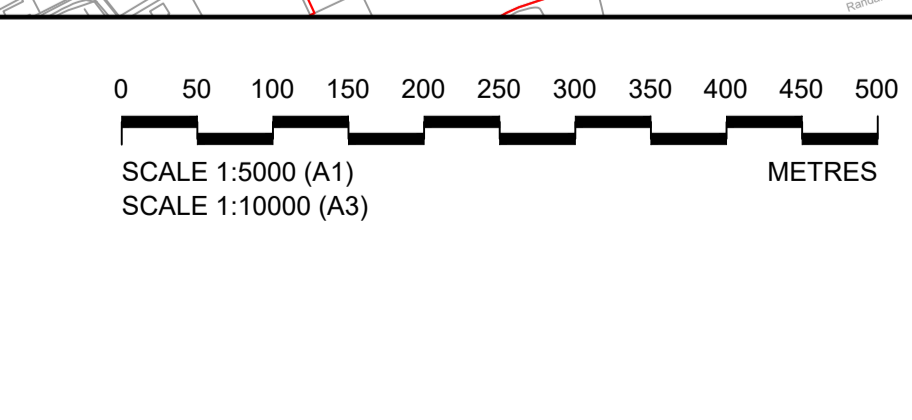
P01	S8	19/10/2022	DCO Application	PG1	BB	ASB
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Apprv'd

NOTES:

- The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1).
- These plans should be read in conjunction with Schedule 1 (Authorised Development) of the Development Consent Order (application document reference TR010032/APP/3.1), the General Arrangements Plans (application document reference TR010032/APP/2.5), the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig. 2.4) and the Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig. 2.3).
- Only those structures that form part of the DCO application are referenced on these Key Plans.

LEGEND

	Existing modified structure
	Existing retained structure
	Proposed overbridge structure
	Proposed underbridge structure
	Order Limits

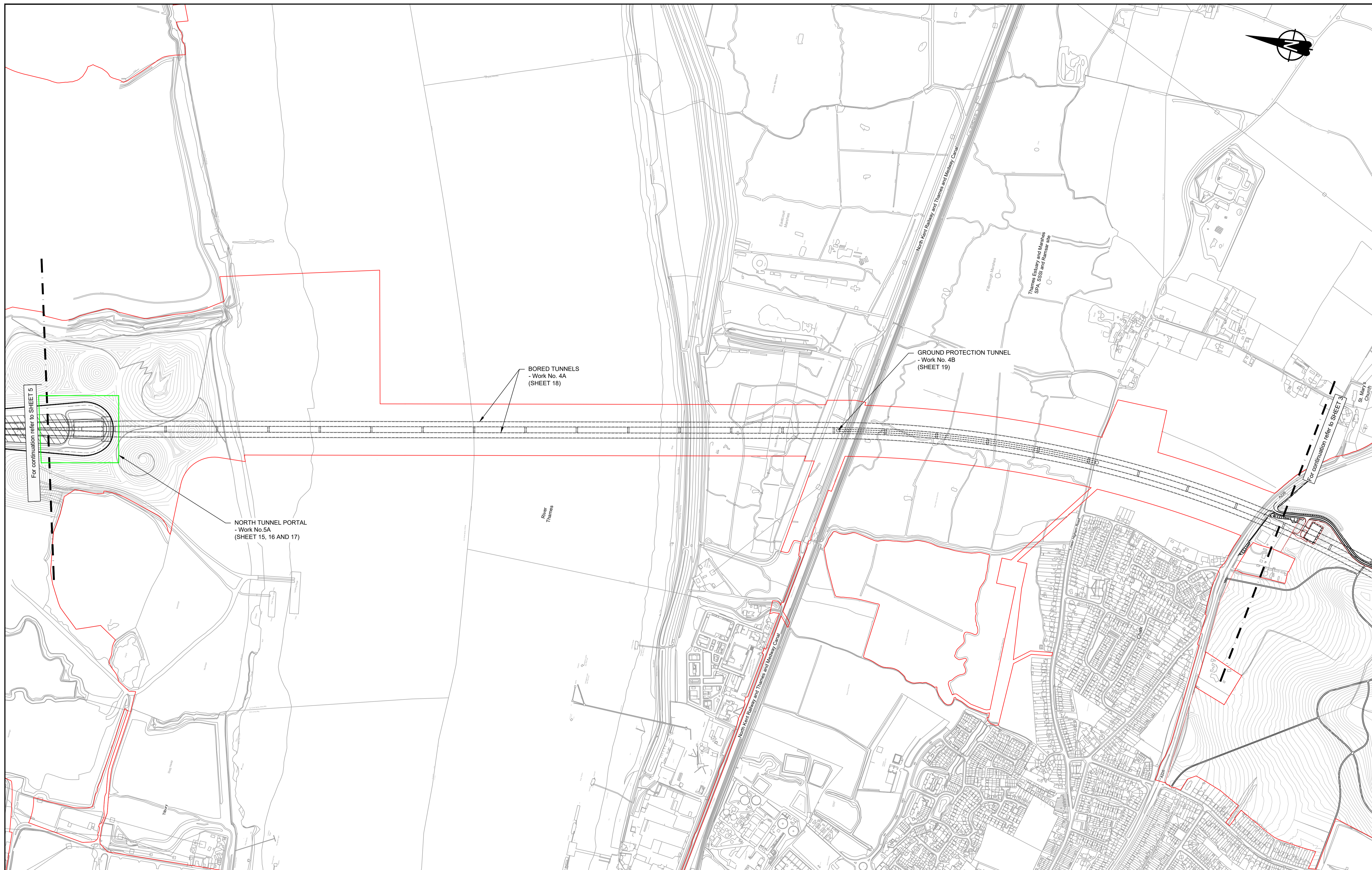


Client

Project

LOWER THAMES CROSSING

Status	DCO Application	Original Size	A1	Revision	P01
Application Document Number	TR010032/APP/2.13	Scale	1:5000		
Drawing title	STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 3				
Drawing Number	HE540039-CJV-BOP-SZZ_ST000000_-DR-CB-10002				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100038649

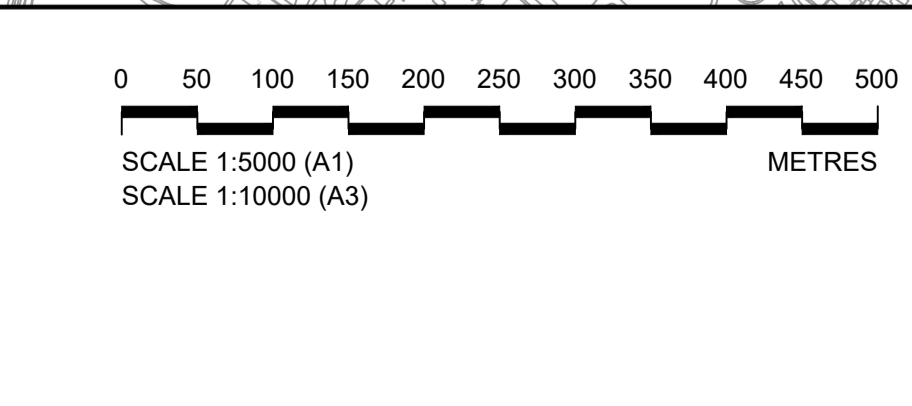
P01	S8	19/10/2022	DCO Application	PG1	BB	ASB
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Apprv'd

NOTES:

- The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1).
- These plans should be read in conjunction with Schedule 1 (Authorized Development) of the Development Consent Order (application document reference TR010032/APP/3.1), the General Arrangements Plans (application document reference TR010032/APP/2.5), the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig. 2.4) and the Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig. 2.3).
- Only those structures that form part of the DCO application are referenced on these Key Plans.

LEGEND

	Existing modified structure
	Existing retained structure
	Proposed overbridge structure
	Proposed underbridge structure
	Order Limits

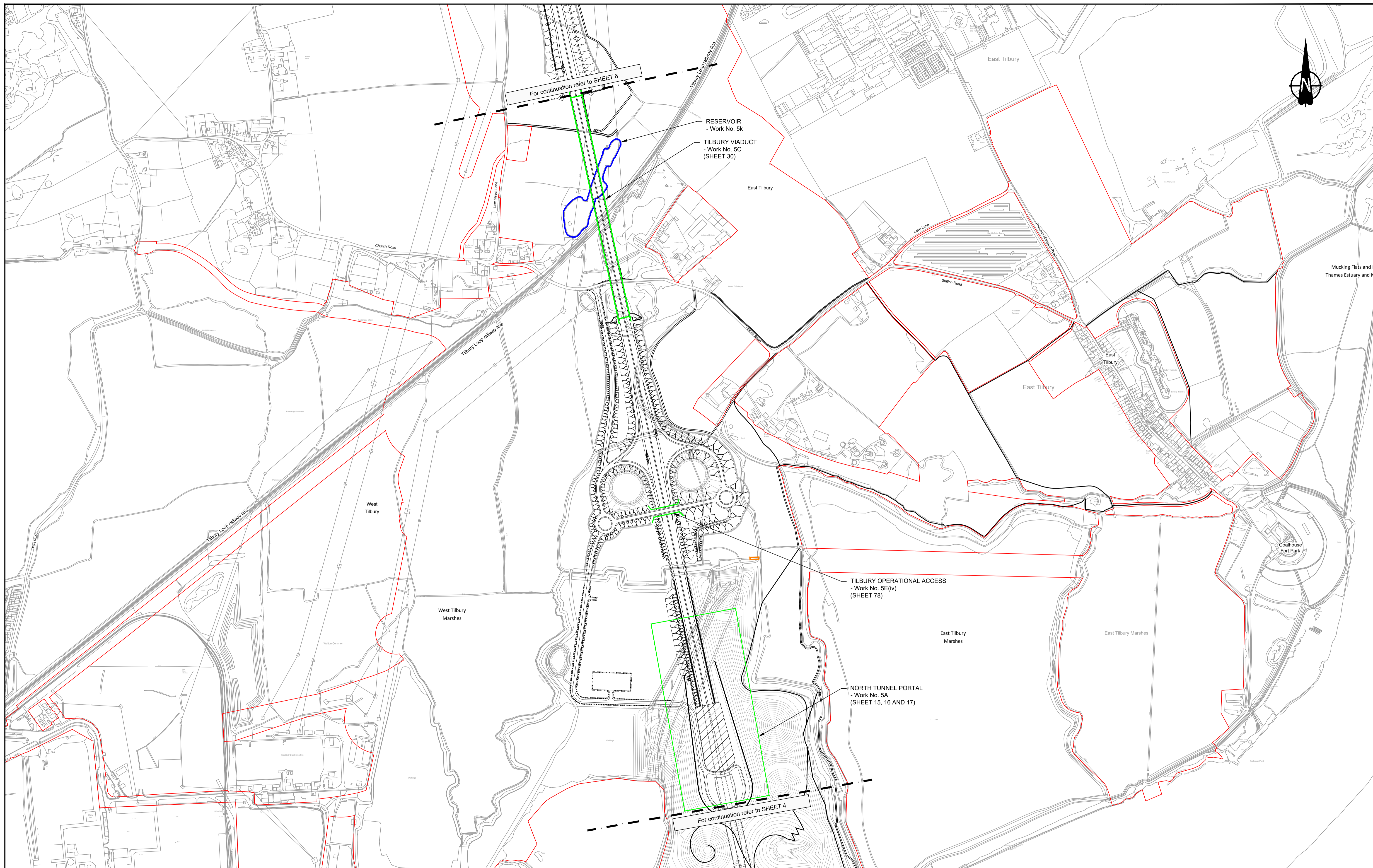


Client

Project

LOWER THAMES CROSSING

Status	DCO Application	Original Size	A1	Revision	P01
Application Document Number	TR010032/APP/2.13	Scale	1:5000		
Drawing title	STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 4				
Drawing Number	HE540039-CJV-BOP-SZZ_ST000000_-DR-CB-10003				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100038649

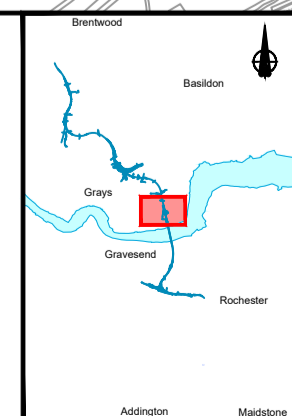
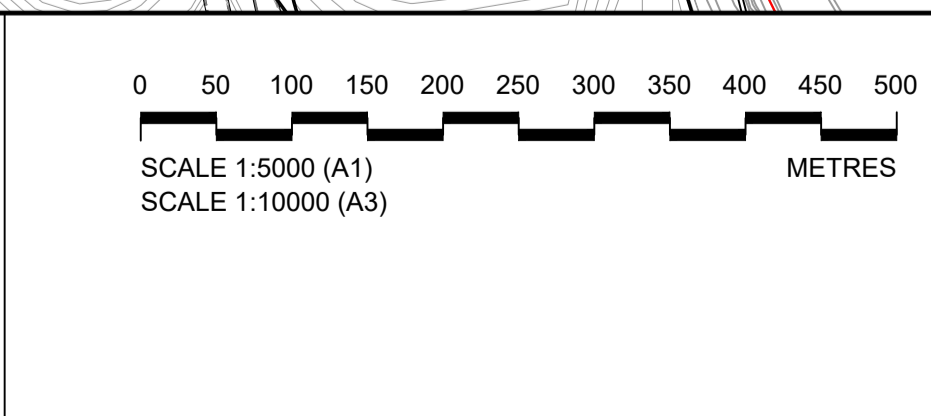
P01	S8	19/10/2022	DCO Application	PG1	BB	ASB
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Apprv'd

NOTES:

- The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1).
- These plans should be read in conjunction with Schedule 1 (Authorised Development) of the Development Consent Order (application document reference TR010032/APP/3.1), the General Arrangements Plans (application document reference TR010032/APP/2.5), the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig. 2.4) and the Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig. 2.3).
- Only those structures that form part of the DCO application are referenced on these Key Plans.

LEGEND

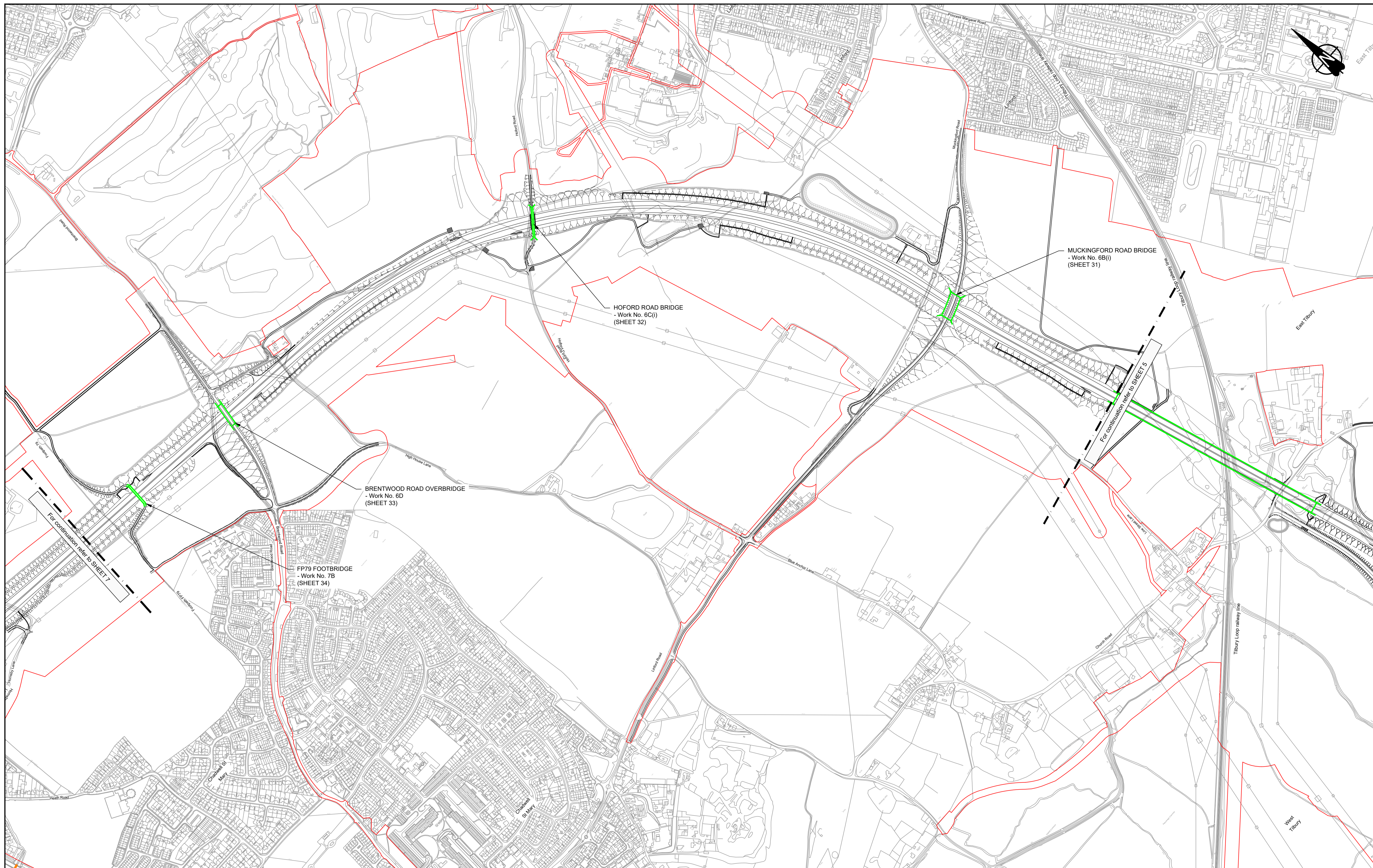
	Existing modified structure
	Existing retained structure
	Proposed overbridge structure
	Proposed underbridge structure
	Order Limits



Client:

Project: **LOWER THAMES CROSSING**

Status	DCO Application	Original Size	A1	Revision	P01
Application Document Number	TR010032/APP/2.13	Scale	1:5000		
Drawing title	STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 5				
Drawing Number	HE540039-CJV-BOP-SZZ_ST000000 -DR-CB-10004				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

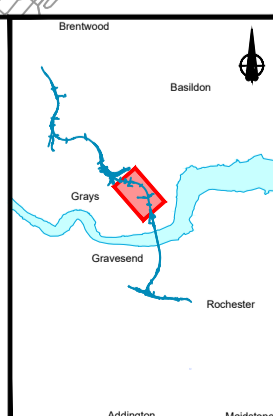
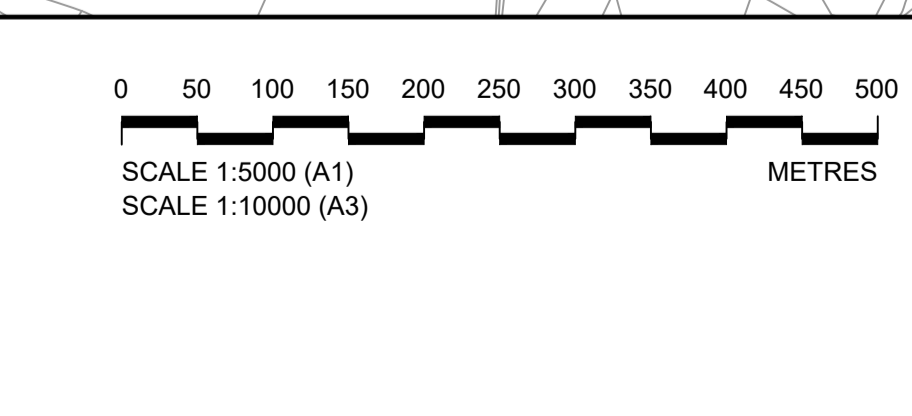
P01	S8	19/10/2022	DCO Application	PG1	BB	ASB
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Apprv'd

NOTES:

- The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1).
- These plans should be read in conjunction with Schedule 11 (Authorized Development) of the Development Consent Order (application document reference TR010032/APP/3.1), the General Arrangements Plans (application document reference TR010032/APP/2.5), the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig. 2.4) and the Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig. 2.3).
- Only those structures that form part of the DCO application are referenced on these Key Plans.

LEGEND

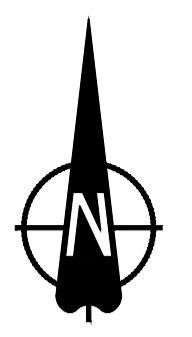
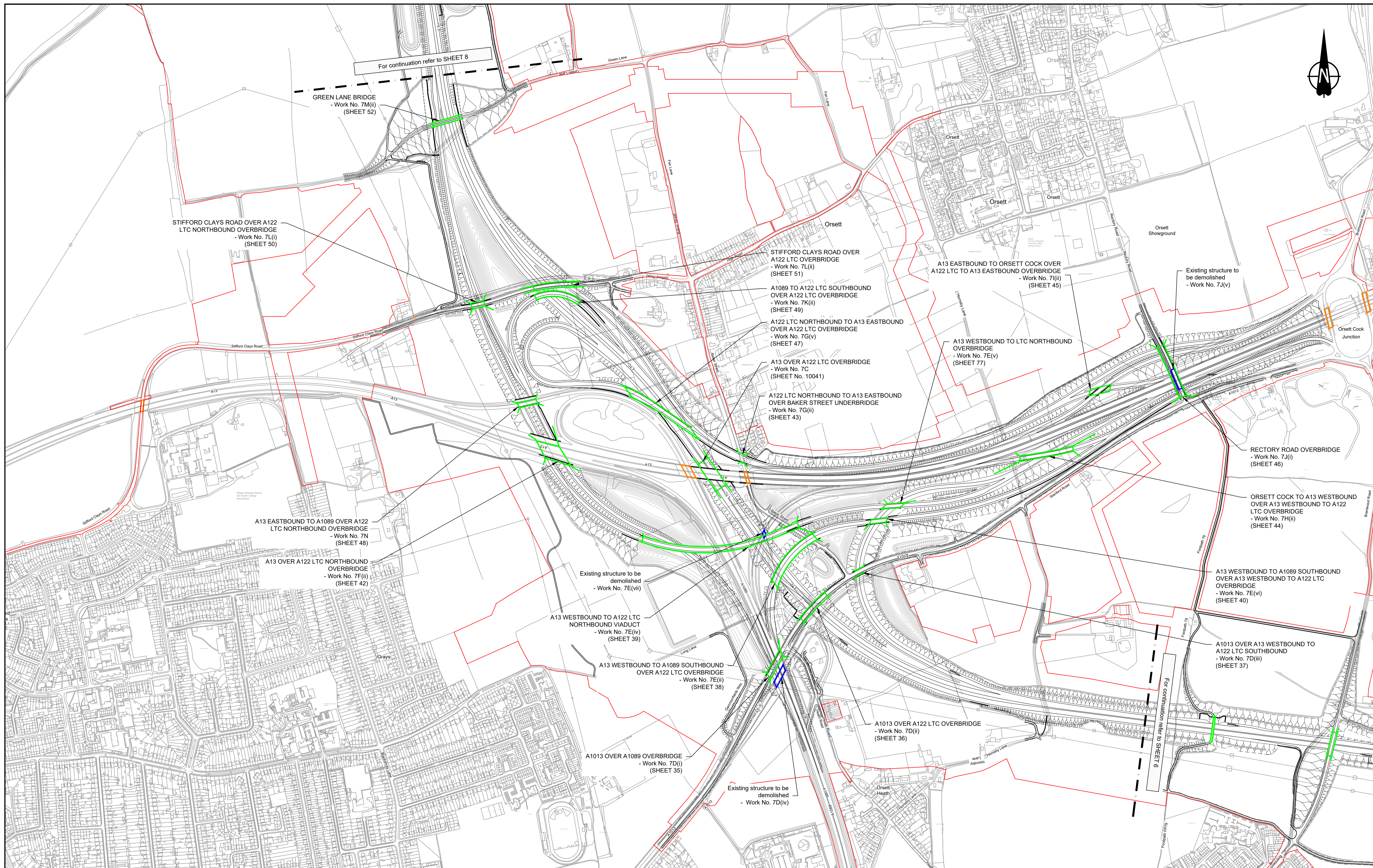
	Existing modified structure
	Existing retained structure
	Proposed overbridge structure
	Proposed underbridge structure
	Order Limits



national highways

Project: LOWER THAMES CROSSING

Status	DCO Application	Original Size	A1	Revision	P01
Application Document Number	TR010032/APP/2.13	Scale	1:5000		
Drawing title	STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 6				
Drawing Number	HE540039-CJV-BOP-SZZ_ST000000_-DR-CB-10005				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

NOTES:

- The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1).
- These plans should be read in conjunction with Schedule 1 (Authorised Development) of the Development Consent Order (application document reference TR010032/APP/3.1), the General Arrangements Plans (application document reference TR010032/APP/2.5), the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig. 2.4) and the Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig. 2.3).
- Only those structures that form part of the DCO application are referenced on these Key Plans.

P01	S8	19/10/2022	DCO Application	PG1	BB	ASB
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Apprv'd

LEGEND

- Existing modified structure
- Existing retained structure
- Proposed overbridge structure
- Proposed underbridge structure
- Order Limits

0 50 100 150 200 250 300 350 400 450 500

SCALE 1:5000 (A1)
SCALE 1:10000 (A3)

METRES

Client

Project

LOWER THAMES CROSSING

Status **DCO Application**

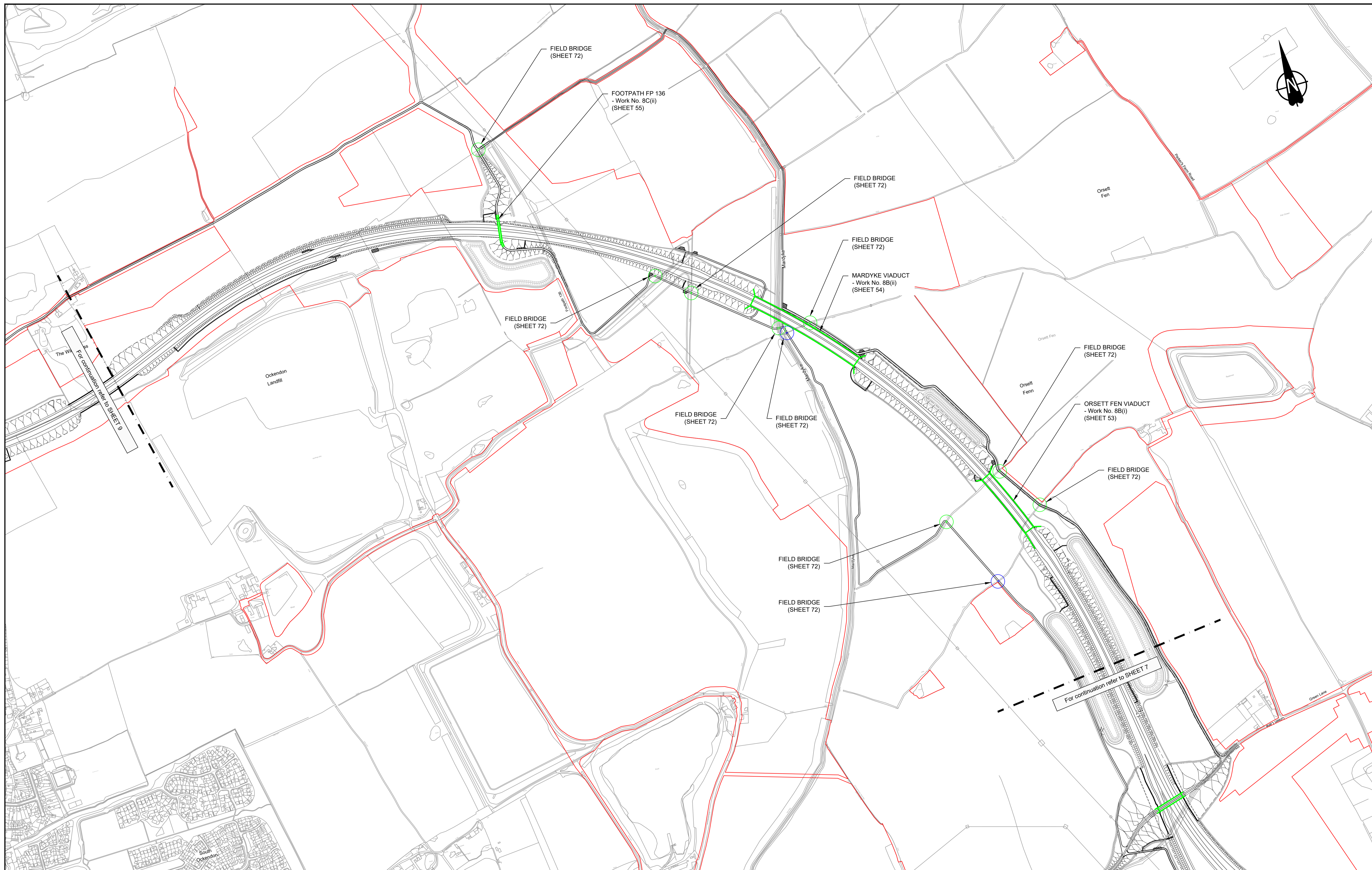
Application Document Number **TR010032/APP/2.13**

Drawing title **STRUCTURES PLANS 5(2)(o)
STRUCTURES LOCATION KEY PLAN
SHEET 7**

Drawing Number **HE540039-CJV-BOP-SZZ_ST000000 -DR-CB-10006**

Original Size **A1** Revision **P01**
Scale **1:5000**

HE540039-CJV-BOP-SZZ_ST000000 -DR-CB-10006.dwg



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

PG1 S8 19/10/2022 DCO Application PG1 BB ASB

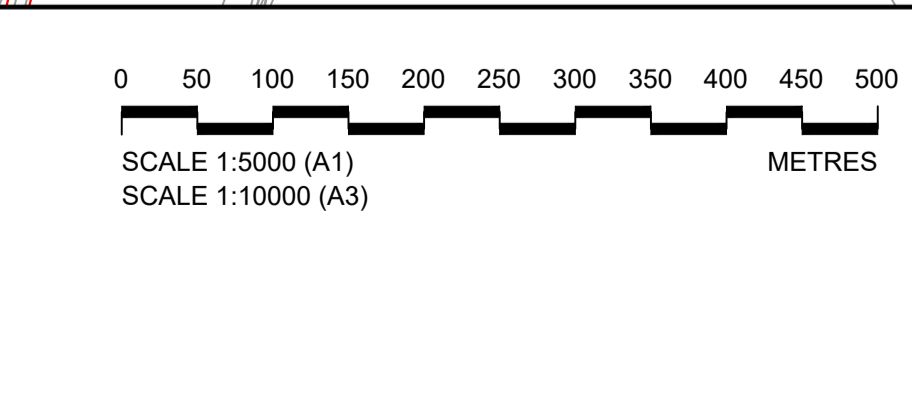
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Apprv'd

NOTES:

- The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1).
- These plans should be read in conjunction with Schedule 1 (Authorized Development) of the Development Consent Order (application document reference TR010032/APP/3.1), the General Arrangements Plans (application document reference TR010032/APP/2.5), the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig. 2.4) and the Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig. 2.3).
- Only those structures that form part of the DCO application are referenced on these Key Plans.

LEGEND

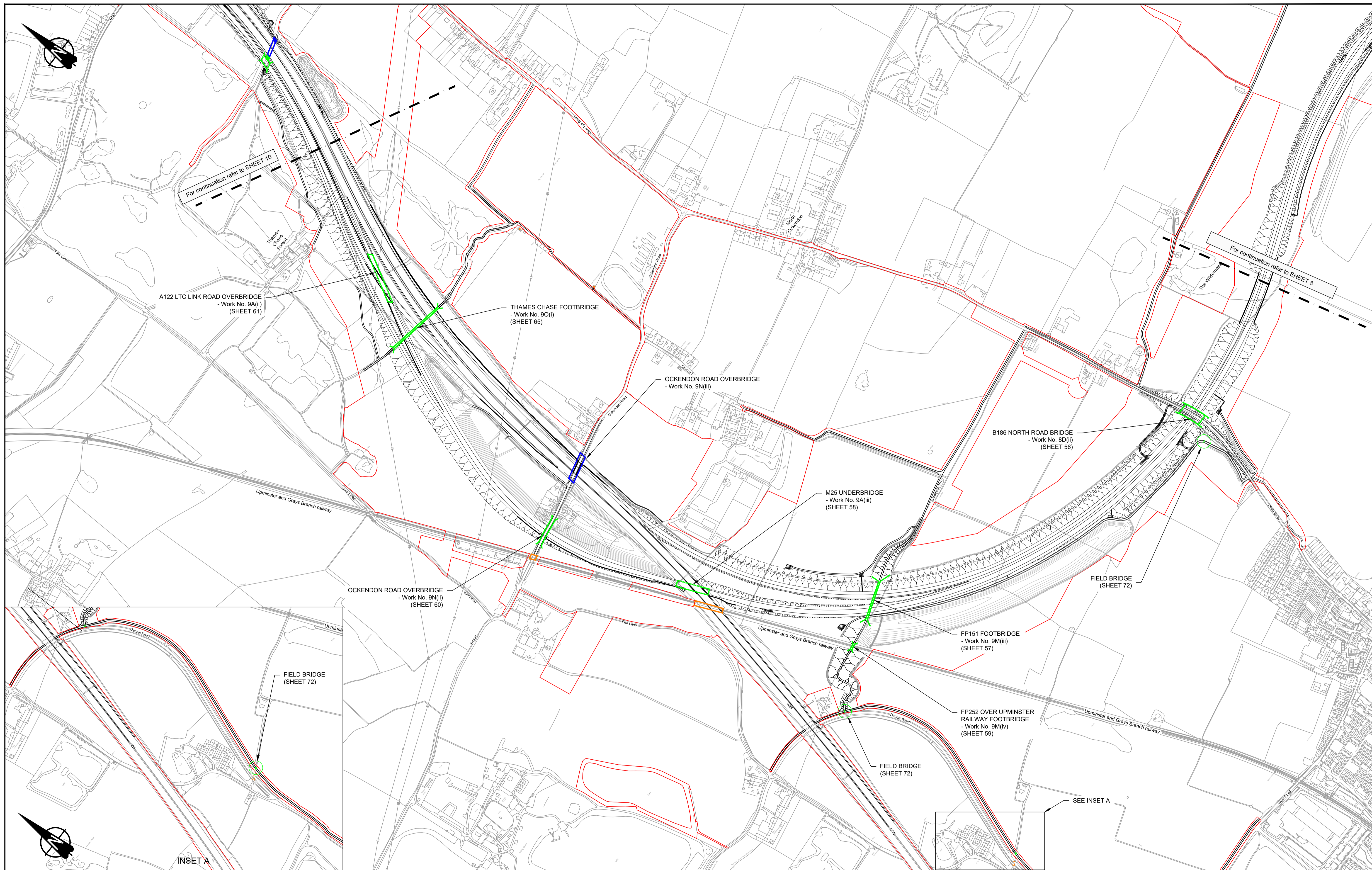
	Existing modified structure
	Existing retained structure
	Proposed overbridge structure
	Proposed underbridge structure
	Order Limits



national highways

Project: LOWER THAMES CROSSING

Status	DCO Application	Original Size	A1	Revision	P01
Application Document Number	TR010032/APP/2.13	Scale	1:5000		
Drawing title	STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 8				
Drawing Number	HE540039-CJV-BOP-SZZ_ST000000 -DR-CB-10007				



For continuation refer to SHEET 10

For continuation refer to SHEET 8

A122 LTC LINK ROAD OVERBRIDGE
- Work No. 9A(ii)
(SHEET 61)

THAMES CHASE FOOTBRIDGE
- Work No. 90(i)
(SHEET 65)

OCKENDON ROAD OVERBRIDGE
- Work No. 9N(iii)
(SHEET 58)

B186 NORTH ROAD BRIDGE
- Work No. 8D(ii)
(SHEET 56)

M25 UNDERBRIDGE
- Work No. 9A(iii)
(SHEET 58)

OCKENDON ROAD OVERBRIDGE
- Work No. 9N(ii)
(SHEET 60)

FIELD BRIDGE
(SHEET 72)

FP151 FOOTBRIDGE
- Work No. 9M(iii)
(SHEET 57)

FP252 OVER UPMINSTER
RAILWAY FOOTBRIDGE
- Work No. 9M(iv)
(SHEET 59)

FIELD BRIDGE
(SHEET 72)

SEE INSET A

INSET A

Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 10003649

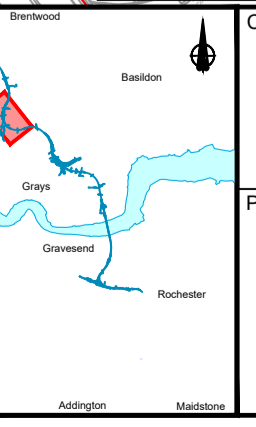
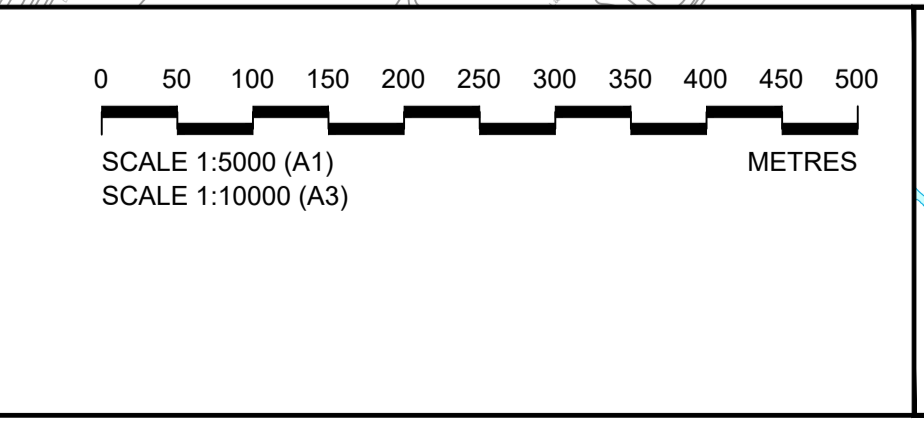
P01	S8	19/10/2022	DCO Application	PG1	BB	ASB
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Apprv'd

NOTES:

- The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1).
- These plans should be read in conjunction with Schedule 11 (Authorised Development) of the Development Consent Order (application document reference TR010032/APP/3.1), the General Arrangements Plans (application document reference TR010032/APP/2.5), the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig. 2.4) and the Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig. 2.3).
- Only those structures that form part of the DCO application are referenced on these Key Plans.

LEGEND

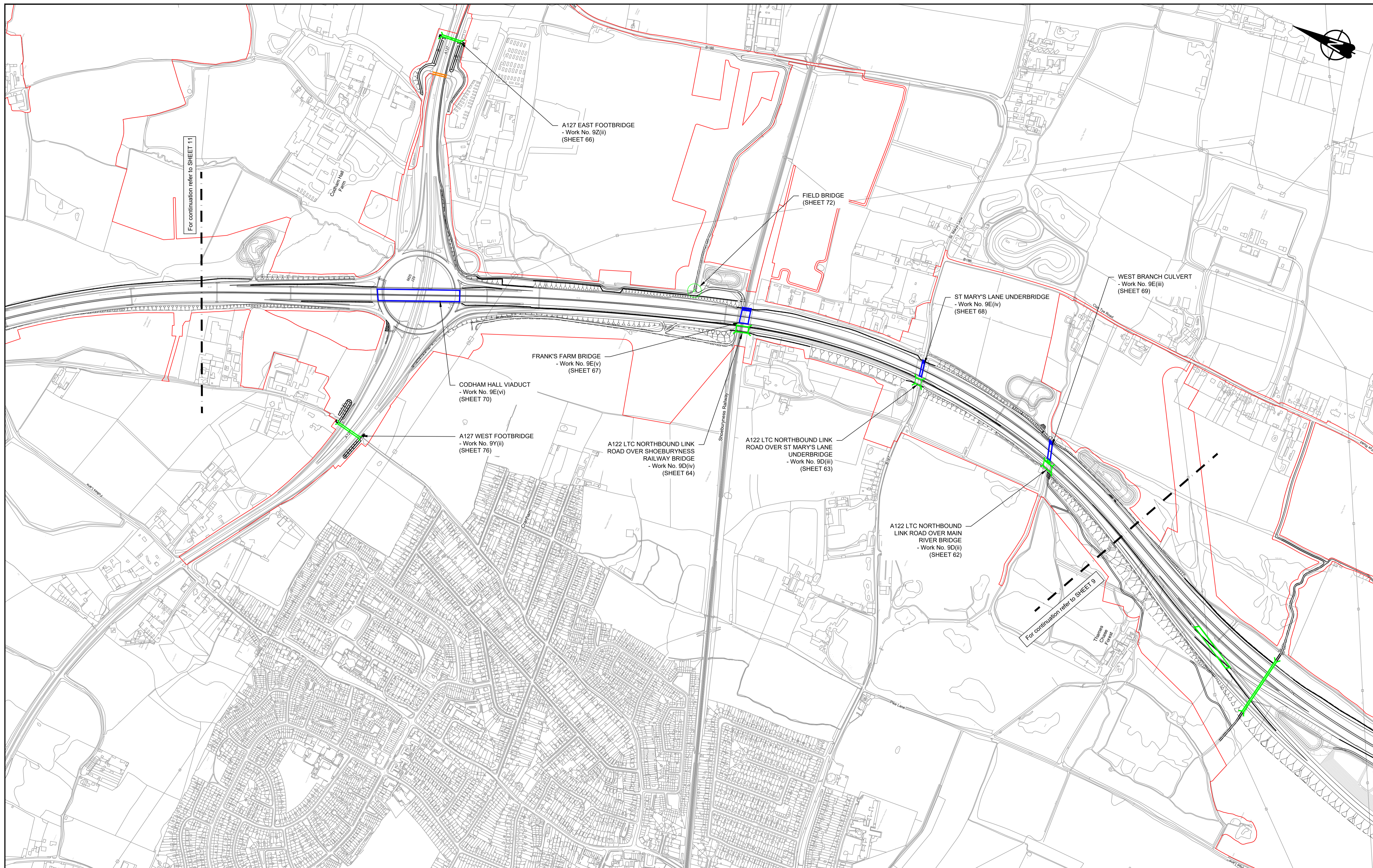
	Existing modified structure
	Existing retained structure
	Proposed overbridge structure
	Proposed underbridge structure
	Order Limits



national highways

Project: LOWER THAMES CROSSING

Status	DCO Application	Original Size	A1	Revision	P01
Application Document Number	TR010032/APP/2.13	Scale	1:5000		
Drawing title	STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 9				
Drawing Number	HE540039-CJV-BOP-SZZ_ST000000 -DR-CB-10008				



For continuation refer to SHEET 11

For continuation refer to SHEET 9

Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

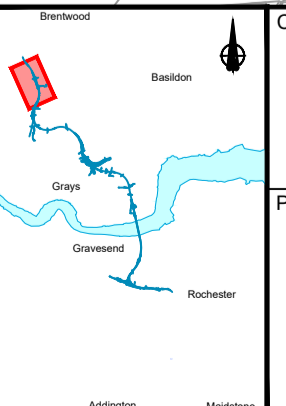
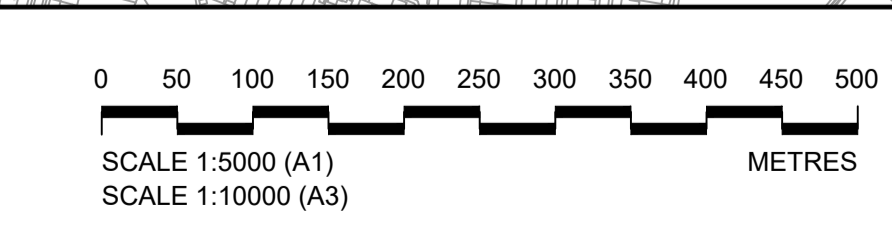
P01	S8	19/10/2022	DCO Application	PG1	BB	ASB
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Apprv'd

NOTES:

- The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1).
- These plans should be read in conjunction with Schedule 1 (Authorised Development) of the Development Consent Order (application document reference TR010032/APP/3.1), the General Arrangements Plans (application document reference TR010032/APP/2.5), the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig. 2.4) and the Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig. 2.3).
- Only those structures that form part of the DCO application are referenced on these Key Plans.

LEGEND

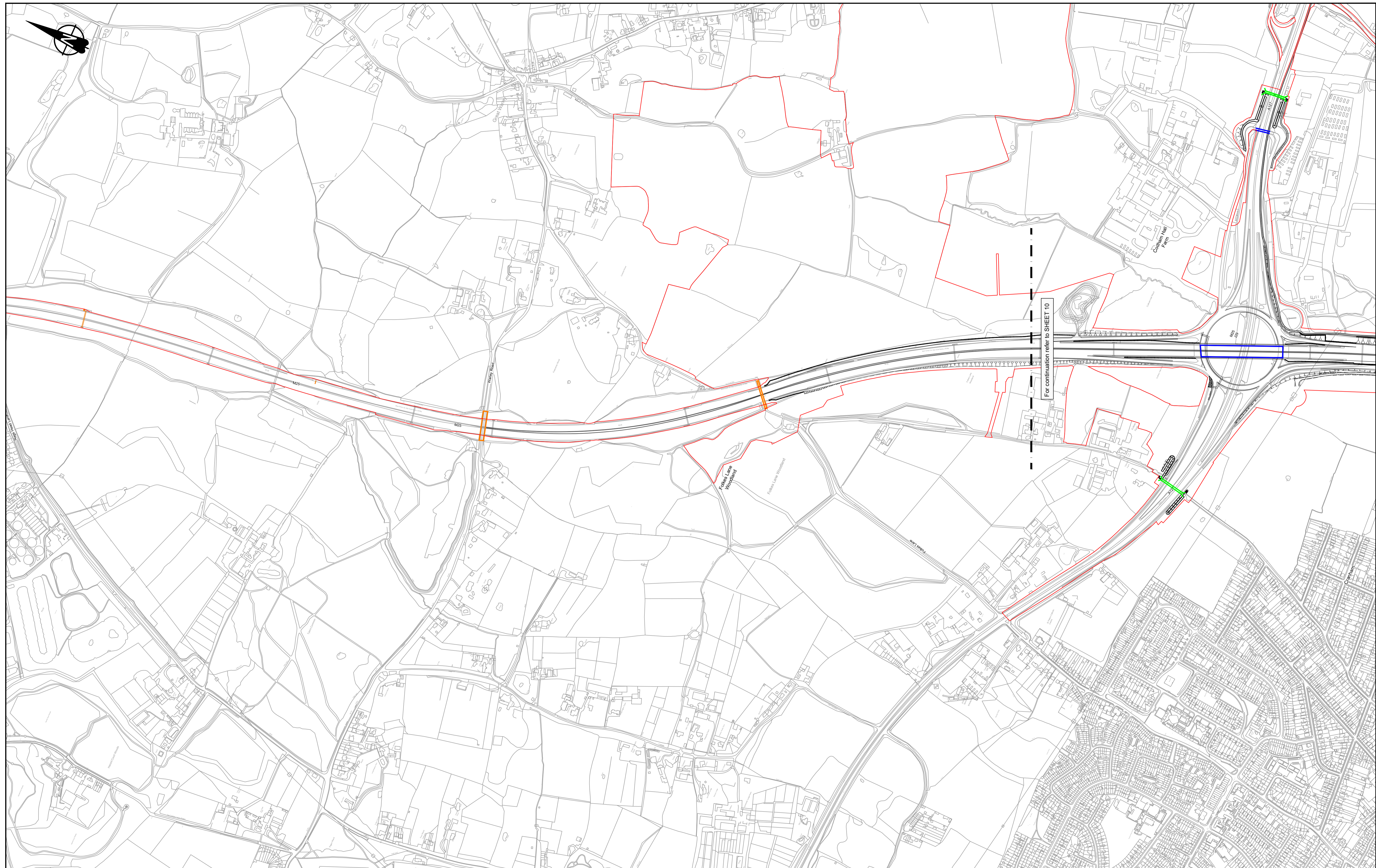
	Existing modified structure
	Existing retained structure
	Proposed overbridge structure
	Proposed underbridge structure
	Order Limits



national highways

Project: LOWER THAMES CROSSING

Status	DCO Application	Original Size	A1	Revision	P01
Application Document Number	TR010032/APP/2.13	Scale	1:5000		
Drawing title	STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 10				
Drawing Number	HE540039-CJV-BOP-SZZ_ST000000 -DR-CB-10009				



Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

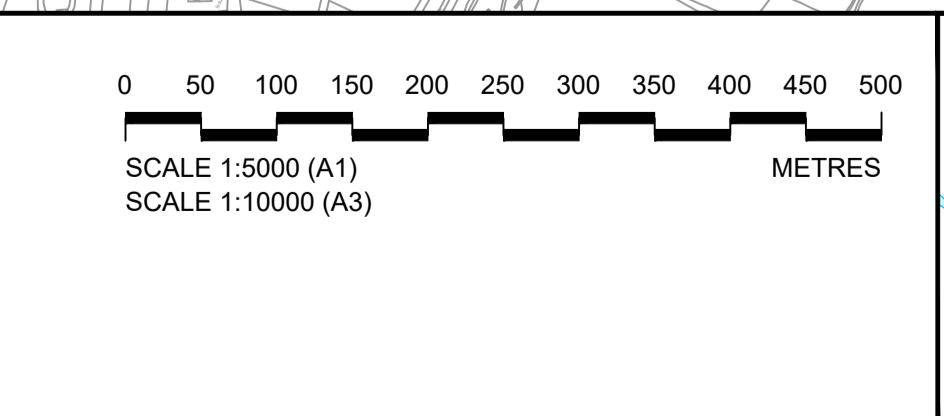
P01	SB	19/10/2022	DCO Application	PG1	BB	ASB
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chck'd	Apprv'd

NOTES:

- The proposed works shown are illustrative only and will be subject to change as part of detailed design development. Any changes will be limited to being within the constraints included in the Development Consent Order (application document reference TR010032/APP/3.1).
- These plans should be read in conjunction with Schedule 1 (Authorised Development) of the Development Consent Order (application document reference TR010032/APP/3.1), the General Arrangements Plans (application document reference TR010032/APP/2.5), the Environmental Masterplan (application document reference TR010032/APP/6.2 Fig. 2.4) and the Environmental Constraints Plan (application document reference TR010032/APP/6.2 Fig. 2.3).
- Only those structures that form part of the DCO application are referenced on these Key Plans.

LEGEND

	Existing modified structure
	Existing retained structure
	Proposed new structure
	Order Limits



Client: national highways

Project: **LOWER THAMES CROSSING**

Status	DCO Application	Original Size	A1	Revision	P01
Application Document Number	TR010032/APP/2.13	Scale	1:5000		
Drawing title	STRUCTURES PLANS 5(2)(o) STRUCTURES LOCATION KEY PLAN SHEET 11				
Drawing Number	HE540039-CJV-BOP-SZZ_ST000000_-DR-CB-10010				

If you need help accessing this or any other National Highways information, please call **0300 123 5000** and we will help you.

© Crown copyright 2022.

You may re-use this information (not including logos) free of charge in any format or medium, under the terms of the Open Government Licence. To view this licence:

visit www.nationalarchives.gov.uk/doc/open-government-licence/

write to the **Information Policy Team, The National Archives, Kew, London TW9 4DU**, or email psi@nationalarchives.gsi.gov.uk.

Mapping (where present): © Crown copyright and database rights 2022 OS 100030649. You are permitted to use this data solely to enable you to respond to, or interact with, the organisation that provided you with the data. You are not permitted to copy, sub-licence, distribute or sell any of this data to third parties in any form.

If you have any enquiries about this publication email info@nationalhighways.co.uk or call **0300 123 5000***.

*Calls to 03 numbers cost no more than a national rate call to an 01 or 02 number and must count towards any inclusive minutes in the same way as 01 and 02 calls.

These rules apply to calls from any type of line including mobile, BT, other fixed line or payphone. Calls may be recorded or monitored.

Printed on paper from well-managed forests and other controlled sources when issued directly by National Highways.

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

National Highways Company Limited registered in England and Wales number 09346363