

Lower Thames Crossing

9.99 Large Scale Engineering Design Plans (ISH3 Action Point 9)

Infrastructure Planning (Examination
Procedure) Rules 2010

Volume 9

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VERSION: 1.0

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Lower Thames Crossing

9.99 Large Scale Engineering Design Plans (ISH3 Action Point 9)

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1 Introduction

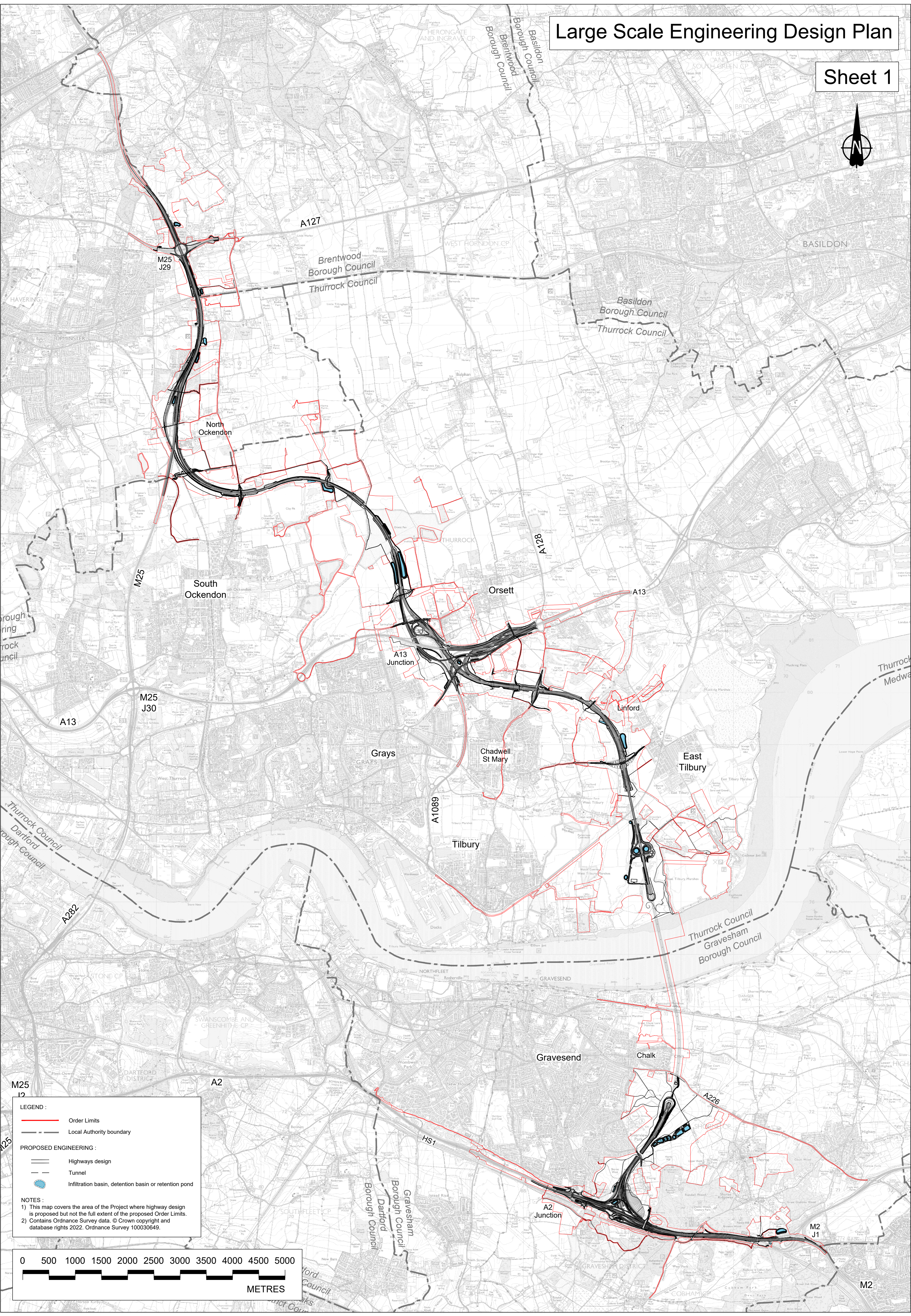
- 1.1.1 This document has been prepared in response to Action 9 from Issue Specific Hearing 3 [\[EV-041g\]](#) requesting the engineering design to be shown in a single sheet.
- 1.1.2 These plans are designed to be viewed on a screen and are shown at a non-standard scale (approximately 1:30000) which does not match those prescribed in Regulation 5(3) of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009. This scale was chosen as it is better suited to the type of information displayed and so that interested parties can see the extents of the scheme more easily on one sheet, rather than across multiple sheets.
- 1.1.3 These plans show the same information and design as shown within the Engineering Drawings and Sections at DCO Application submission [\[APP-030\]](#) to [\[APP-037\]](#) and in the General Arrangement Plans [\[REP3-027\]](#); [\[REP3-029\]](#); [\[REP3-031\]](#).
- 1.1.4 Sheet 1 shows the highways design only, that is highways alignment, walking cycling and horse rider routes, drainage ponds and ditches and swales. This is the same approach as the one taken in the Engineering Drawings and Sections plans [\[APP-030\]](#) to [\[APP-037\]](#), where work numbers and levels can be found for all the proposed highways works. It should be noted that the drainage ponds are shown in colour for clarity.
- 1.1.5 Sheet 2 shows the general arrangement highways design, that is the road carriageway, road verges, structures, walking cycling and horse rider routes, drainage ponds, ditches and swales, earthworks, maintenance accesses and the car park and rendezvous points. This information is shown in the General Arrangement Plans [\[REP3-027\]](#); [\[REP3-029\]](#); [\[REP3-031\]](#) where further details on landscaping, environmental and utility works are presented. These plans show the whole scheme across 49 sheets. Alternatively, the 6.4 Environmental Statement Non-Technical Summary Figure 1 [\[APP-486\]](#) shows the same information at a larger scale across 7 sheets.

2 Schedule of plans in this document

Document title	Revision
Large Scale Engineering Design Plans Sheet 1	P01
Large Scale Engineering Design Plans Sheet 2	P01

Large Scale Engineering Design Plan

Sheet 1



LEGEND :

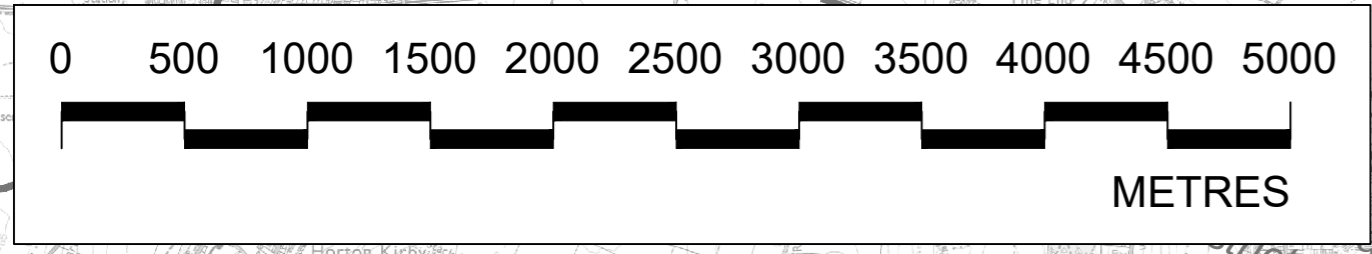
- Order Limits
- Local Authority boundary

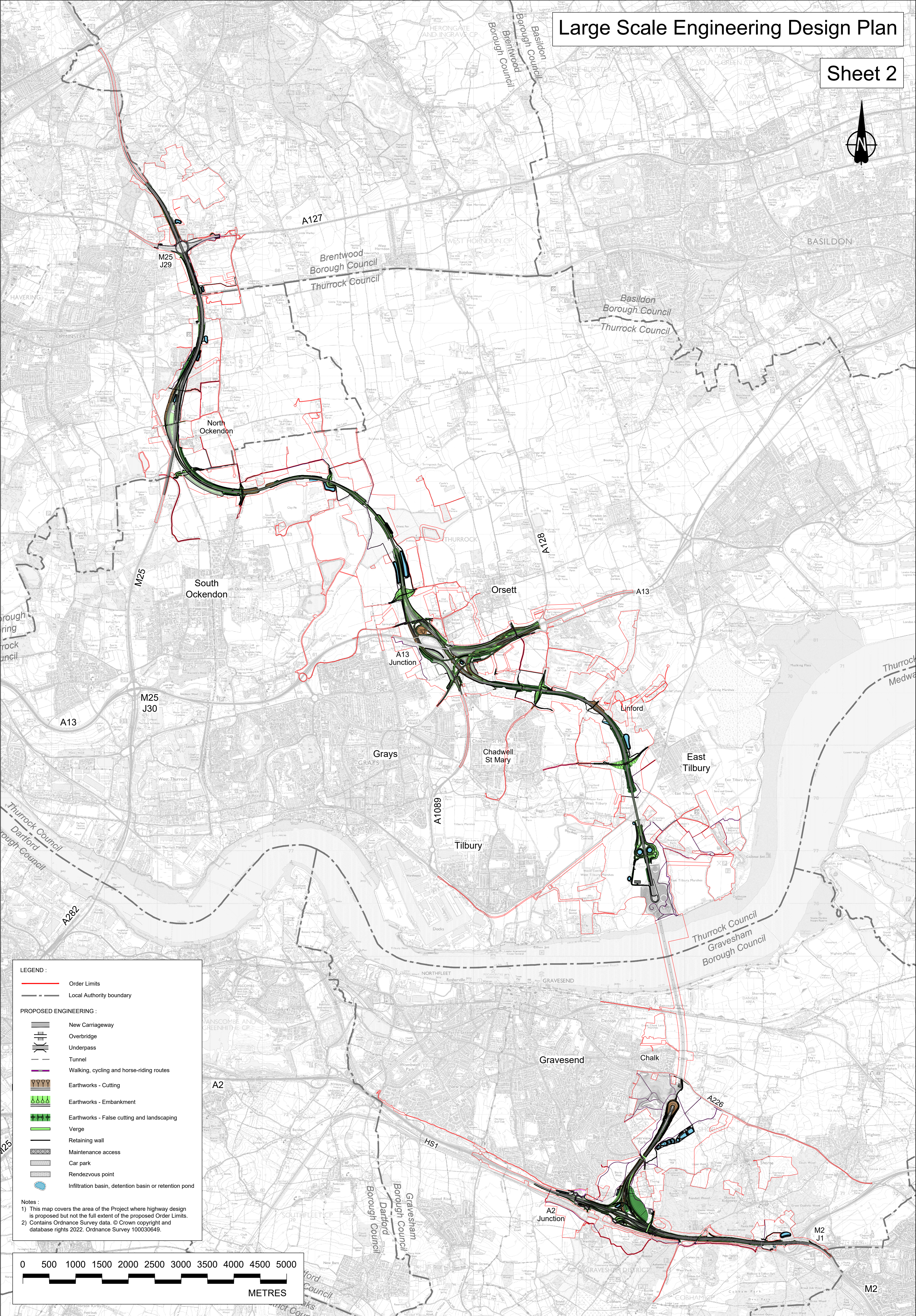
PROPOSED ENGINEERING :

- Highways design
- Tunnel
- Infiltration basin, detention basin or retention pond

NOTES :

- This map covers the area of the Project where highway design is proposed but not the full extent of the proposed Order Limits.
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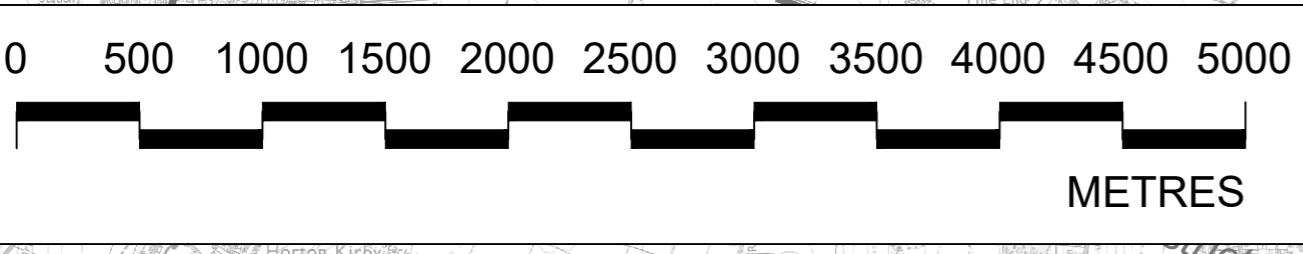
- Order Limits
- Local Authority boundary

PROPOSED ENGINEERING :

- New Carriageway
- Overbridge
- Underpass
- Tunnel
- Walking, cycling and horse-riding routes
- Earthworks - Cutting
- Earthworks - Embankment
- Earthworks - False cutting and landscaping
- Verge
- Retaining wall
- Maintenance access
- Car park
- Rendezvous point
- Infiltration basin, detention basin or retention pond

Notes :

- This map covers the area of the Project where highway design is proposed but not the full extent of the proposed Order Limits.
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