

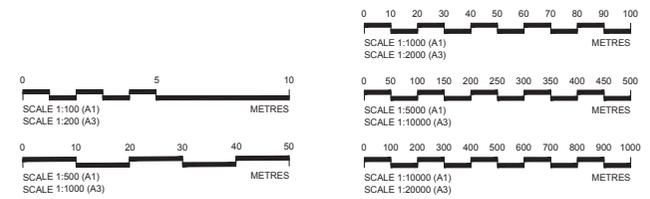
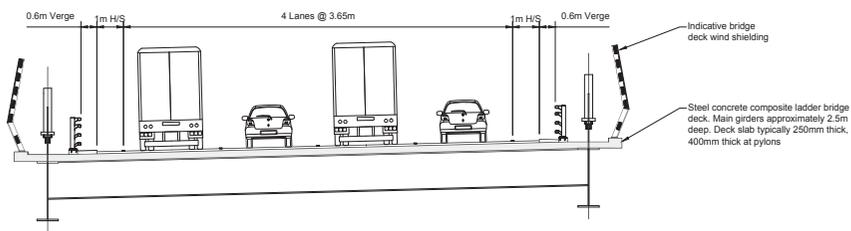
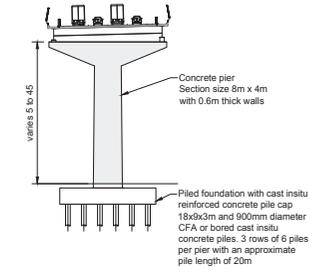
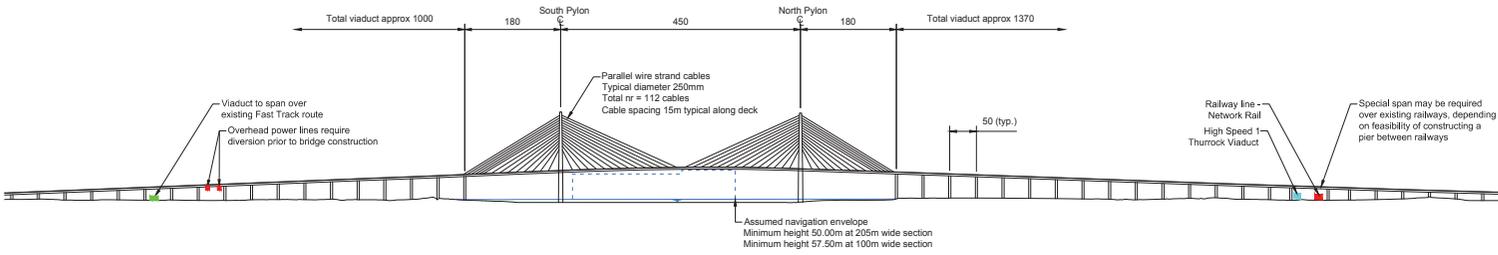
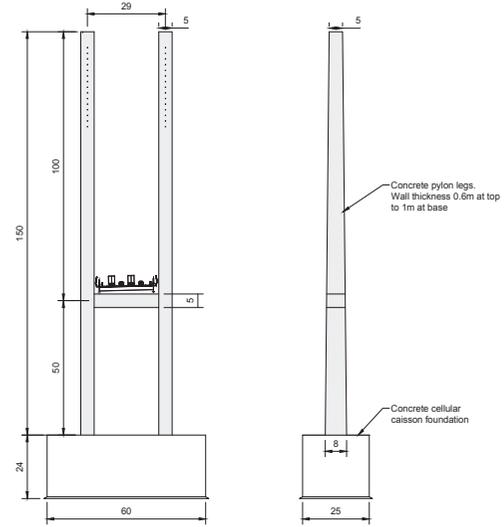
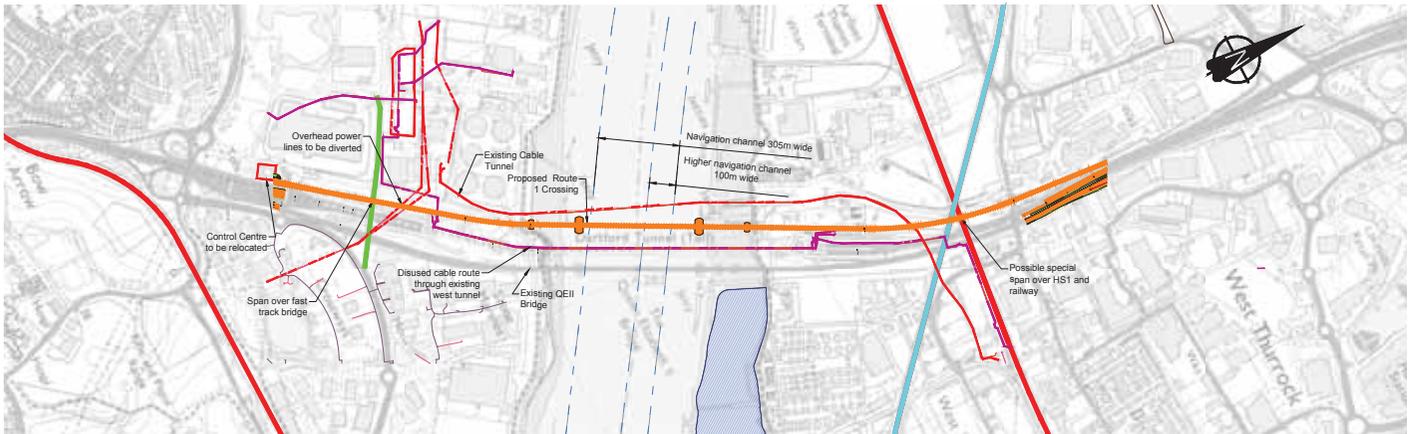
Lower Thames Crossing

Pre-Consultation Scheme Assessment Report
Volume 3: Identification and Description of Shortlist Routes
Section 8: Appendices
Part 2 of 5

Appendix 3.3

Route 1 Bridge General Arrangement Drawing

Route 1 Bridge Crossing General Arrangement



NOTES

- All dimensions in metres unless shown otherwise.
- All dimensions and structural details are indicative.
- The design shown on these drawings is illustrative and may be subject to change in later stages of the scheme development.

LEGEND

- Proposed crossing structure
- Railway line - Network Rail
- Railway line - High Speed 1 (HS1)
- Existing Fast Track Route
- Disused cable route
- Overhead power lines
- Existing cable tunnel
- SSSI

ILLUSTRATIVE DESIGN

Client

highways england

Halcrow Hyder Joint Venture
Burdorpe Park
Swindon, SN4 0QD
Tel: +44(0)1793 812479

Halcrow **Hyder**

Project

LOWER THAMES CROSSING

Route 1
Bridge Crossing
General Arrangement

Status	SO	Revision	P01
Scale	AS SHOWN	Date	30-09-15
Drawn By	DM		
Created By	NSK		
Approved By	SIW		
Project No.	HA pav I Originator	Original Size	A1
Drawing number	HA540039 HHJ		
HA540039-HHJ-SBR-AA0MCZZBR-DR-ST-0010			

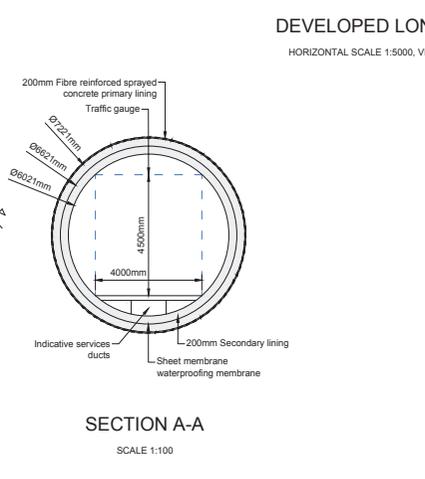
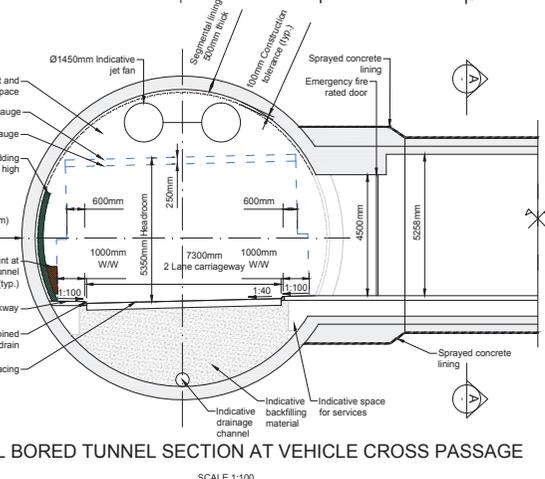
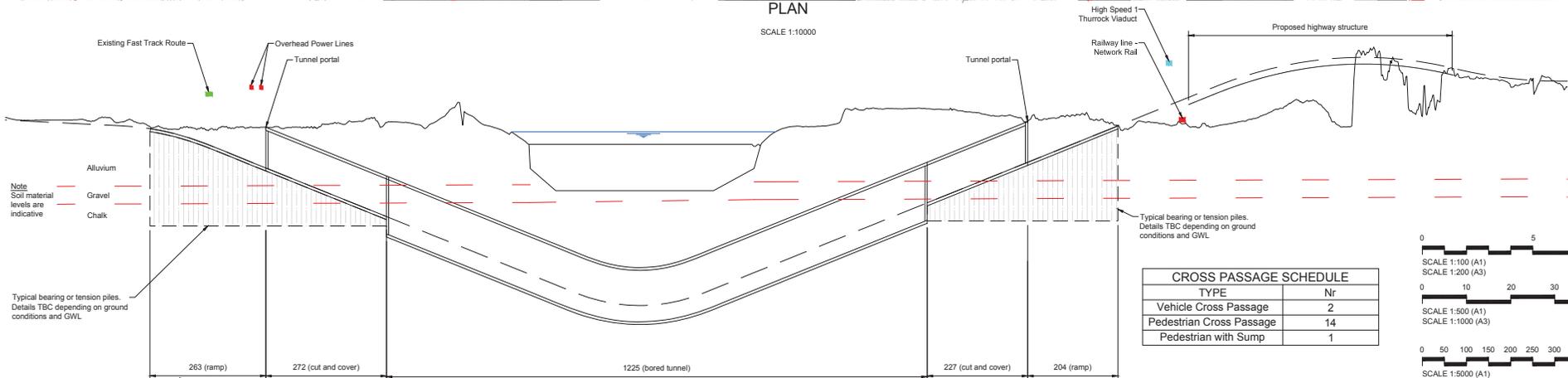
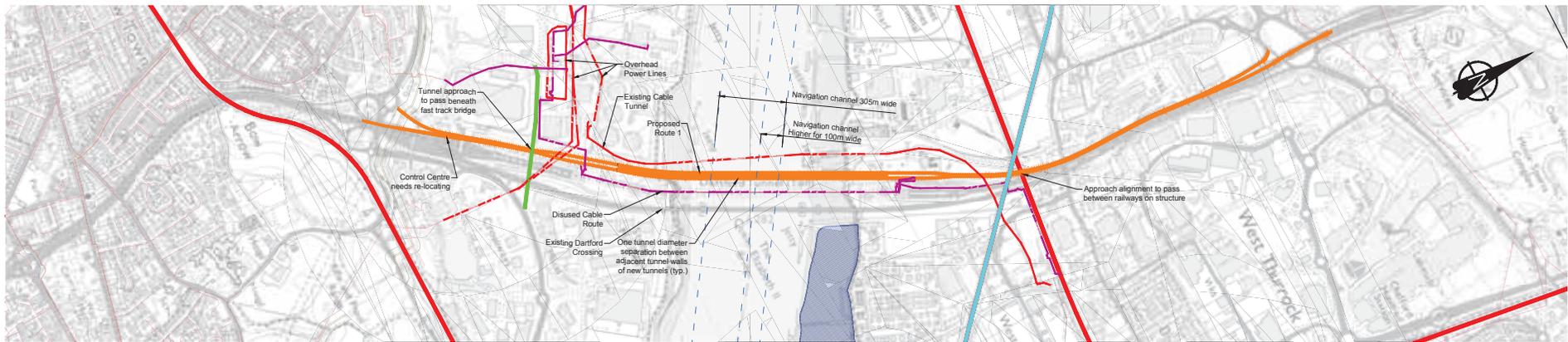
PD1	SO	18/01/2016	SAR Draft Issue	DM	NSK	SIW
Rev	Status	Rev. Date	Purpose of revision	Drawn	Checked	Approved

Appendix 3.4

Route 1 Bored Tunnel General Arrangement

Route 1 Bored Tunnel Crossing General Arrangement Sheet 1 of 2

Route 1 Bored Tunnel Crossing General Arrangement Sheet 2 of 2



NOTES

- All dimensions in metres unless shown otherwise.
- All dimensions and structural details are indicative.
- The design shown on these drawings is illustrative and may be subject to change in later stages of the scheme development.

LEGEND

- Proposed crossing structure
- Railway line - Network Rail
- Railway line - High Speed 1 (HS1)
- Existing Fast Track Route
- - - Disused cable route
- - - Overhead power lines
- - - Existing cable tunnel
- SSSI

ILLUSTRATIVE DESIGN

Client: **highways england**

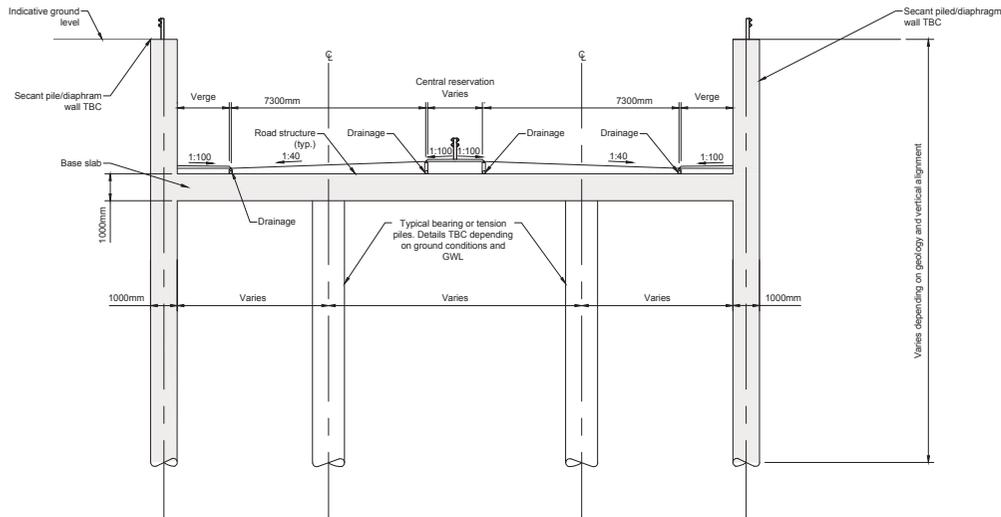
Halcrow Hyder Joint Venture
Burdorp Park
Swindon, SN4 0QD
Tel: +44(0)1793 812479

Project: **LOWER THAMES CROSSING**

Route 1
Bored Tunnel Crossing
General Arrangement Sheet 1 of 2

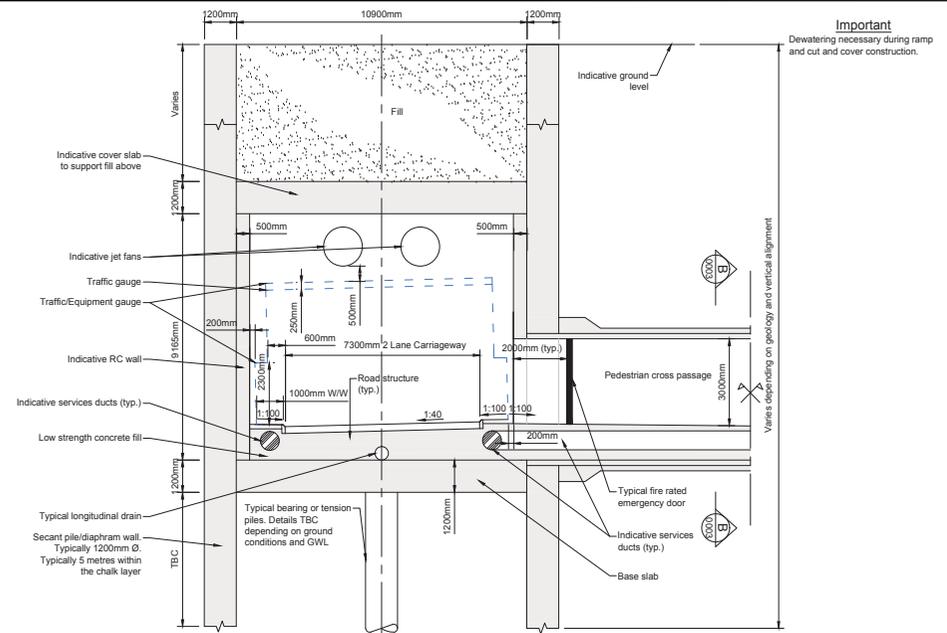
Status	SO	Revision	P01
Scale	AS SHOWN	Date	30-09-15
Drawn By	DM	Checked By	JBL
Approved By	RLD	Originator	HHJ
Project No.	HA INV	Original Size	A1
Drawing number	HA540039-HHJ-STU-AD0MCZZTU-DR-TN-0005		

P01	SO	18-01-16	SAR Issue	DM	JBL	RLD
Rev	Status	Rev. Date	Purpose of revision	Drawn	Checked	Approved



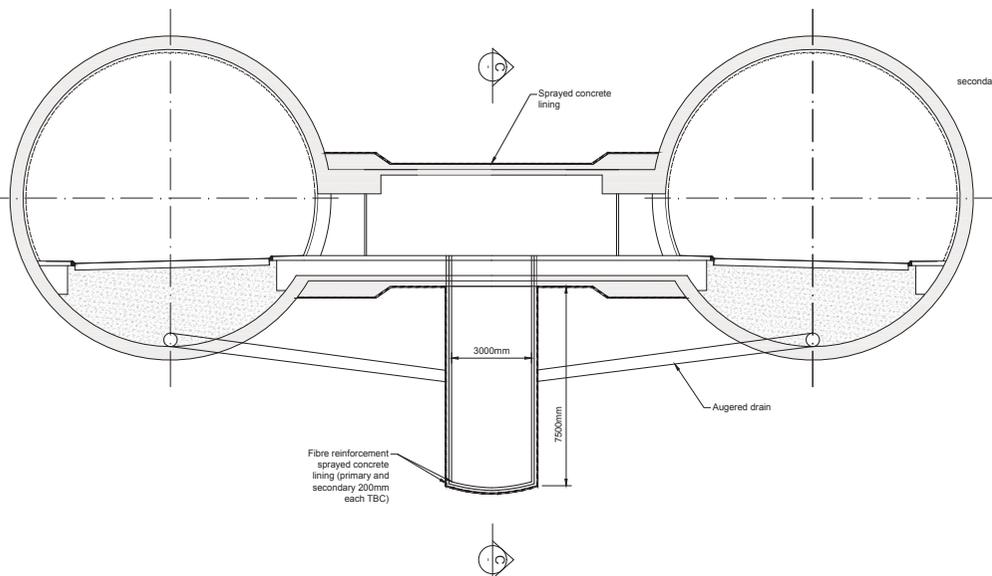
TYPICAL RAMP CROSS SECTION

SCALE 1:100



TYPICAL CUT AND COVER CROSS SECTION

SCALE 1:100

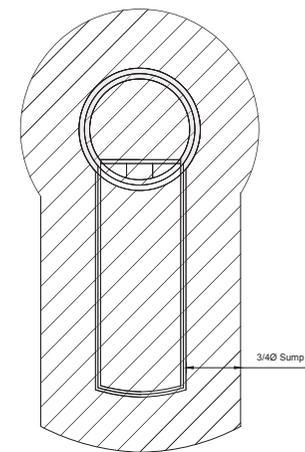


PEDESTRIAN CROSS PASSAGE WITH SUMP (SPECIAL)

SCALE 1:100

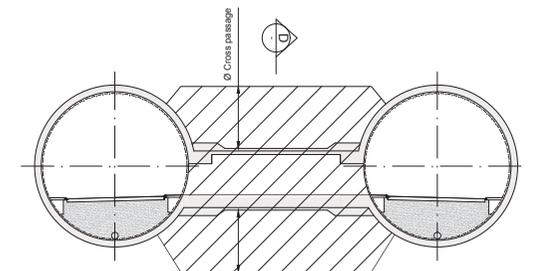
SECTION C-C

SCALE 1:100



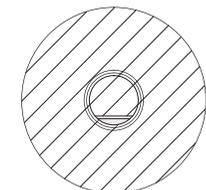
SECTION C-C TYPICAL GROUND TREATMENT

SCALE 1:100



TYPICAL GROUND TREATMENT FOR CROSS PASSAGE

SCALE 1:200

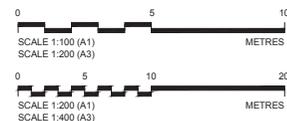


SECTION D-D

SCALE 1:200

NOTES

- All dimensions in metres unless shown otherwise.
- All dimensions and structural details are indicative.
- The design shown on these drawings is illustrative and may be subject to change in later stages of the scheme development.



ILLUSTRATIVE DESIGN

Client

highways
england

Halcrow Hyder Joint Venture

Burderop Park
Swindon, SN4 0QD
Tel. +44(0)1793 812479

Project

LOWER THAMES CROSSING

Route 1 Bored Tunnel Crossing

General Arrangement Sheet 2 of 2

Status	SO	Revision	P01
Scale	AS SHOWN	Date	30-09-15
Drawn By	DM	Checked By	JBL
Approved By	RLD	Originator	HHJ
Project No.	HA INV	Original Size	A1
HA540039			
Drawing number	HA540039-HHJ-STU-AD0MCZZTU-DR-TN-0006		

PD1	SO	18-01-2016	SAR Issue	DM	JBL	RLD
Rev	Status	Rev. Date	Purpose of revision	Drawn	Checked	Approved

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

© Crown copyright 2016.

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.

This document is also available on our website at www.gov.uk/highways

If you have any enquiries about this publication email info@highwaysengland.co.uk or call **0300 123 5000***. Please quote the Highways England publications code **PR133/15**

Highways England creative job number s150687

Report No HA540039-HHJ-ZZZ-REP-ZZZ-010

*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.

Registered office Bridge House, 1 Walnut Tree Close, Guildford GU1 4LZ
Highways England Company Limited registered in England and Wales number 09346363

The Pre-Consultation Scheme Assessment Report details the assessment of options leading up to consultation. A final Scheme Assessment Report will be published post consultation.