

M3 Junction 9 Improvement Scheme

Scheme Number: TR010055

1.3 Introduction to the Application

APFP Regulations 5(2)(q)

Planning Act 2008

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

Volume 1

6 June 2023

Infrastructure Planning

Planning Act 2008

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

M3 Junction 9 Improvement
Development Consent Order 202[x]

1.3 INTRODUCTION TO THE APPLICATION

Regulation Number:	Regulation 5(2)(q)
Planning Inspectorate Scheme Reference:	TR010055
Application Document Reference:	1.3
BIM Document Reference:	HE551511-VFK-GEN-X_XXXX_XX-RP-LE-0003
Author:	M3 Junction 9 Improvement Project Team, National Highways

Version	Date	Status of Version
Rev 0	November 2022	Application Submission
Rev 1	6 June 2023	Deadline 1 Submission

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Appendix A Application Document Tracker

1 Introduction

1.1 Purpose of this document

1.1.1 National Highways ('the Applicant') has submitted an application under Section 37 of the Planning Act 2008 (as amended) for an order to grant development consent (DCO) for the M3 Junction 9 Improvement Scheme ('the Scheme').

1.1.2 This document provides an accessible guide to the Scheme, the Applicant and the application. It will assist those in reviewing the application documents.

1.2 Structure of this document

1.2.1 This document comprises 12 chapters as described below:

- Chapter 1: Introduces this document
- Chapter 2: Provides a high-level description of the Scheme
- Chapter 3: Introduces the Applicant
- Chapter 4: Gives an overview of the application documents
- Chapters 5 to 11: Explain the purpose of each application document submitted
- Chapter 12: Provides a list of defined terms and abbreviations used within the application

1.2.2 An 'Application Document Tracker' is provided in **Appendix A** of this document in order to help the Examining Authority and Interested Parties understand the application as it evolves through the Examination by identifying the latest version of any application document.

2 The Scheme

2.1 Scheme overview

- 2.1.1 The M3 Junction 9 is a key transport interchange which connects South Hampshire (facilitating an intensive freight generating industry) and the wider sub-region, with London via the M3 and the Midlands/North via the A34 (which also links to the principal east–west A303 corridor).
- 2.1.2 Significant volumes of traffic use the grade separated, partially signalised gyratory (approximately 6,000 vehicles per hour during the peak periods) which acts as a bottleneck on the local highway network and causes significant delays throughout the day. Northbound and southbound movements between the M3 and the A34 are particularly intensive, with downstream queues on the northbound off-slip of the M3 often resulting in safety concerns during peak periods.
- 2.1.3 The improvement to M3 Junction 9 was included in the Department for Transport's Road Investment Strategy (RIS). The RIS sets out the list of schemes that were to be delivered by National Highways over the period covered by the RIS (2015 to 2020). The RIS identified improvements to M3 J9 Winnall Interchange as one of the key investments in the Strategic Road Network for the London and South East region.
- 2.1.4 The Scheme is also included in the Solent to Midlands Route Strategy (Highways England, 2017), which identifies the Scheme as a major improvement project as part of this route upgrade. Within this, Junction 9 of the M3 is specifically highlighted as being a location where there is a substantial barrier to connectivity in relation to the South Downs National Park and walking, cycling and horse-riding.
- 2.1.5 Upgrading Junction 9 of the M3 would help improve safety, improve the capacity of the road network in this location by reducing delays and congestion which in turn would improve journey time reliability. Combined these elements would support local growth in the area as established through requirements of local policy. This would bring significant benefits for road users, local communities and local businesses.

Scheme description

- 2.1.6 The improvements proposed as part of the Scheme both maintain existing connectivity on the road network, whilst providing enhanced capacity, simplified routing, improved facilities for walking, cycling and horse-riding routes and landscaping enhancements. The Scheme would provide new free flow links between the M3 and A34, as well as a dedicated new A33 alignment. The Scheme elements are as follows:

- Widening of the M3 from a dual two-lane motorway (two-lane motorway with hard shoulders) to a four-lane motorway (with hard shoulders) between the proposed M3 Junction 9 gyratory north and south slip roads.
 - A new smaller grade separated gyratory roundabout arrangement within the footprint of the existing roundabout, incorporating new connections over the M3 with improved walking, cycling and horse-riding routes.
 - Connector roads from and to the new gyratory roundabout.
 - Improved slip roads to/from the M3.
 - New structures (in the form of gyratory bridges, underpasses, retaining walls, subway and a new cycle and footbridge over the River Itchen).
 - A new surface water runoff system with associated drainage and infiltration features.
 - New signage and gantries.
 - Utility diversions.
 - New lighting (subways, underpasses and gantries).
 - Modifications to topography through cuttings and false cuttings as well as re-profiling of existing landform.
 - New walking, cycling and horse-riding provision.
 - Creation of new areas of chalk grassland, woodland, scrub planting and species rich grassland.
- 2.1.7 The Application Boundary is approximately 109 hectares (ha). This includes the proposed land required for gantries, signage, temporary construction compound areas, areas for environmental mitigation (including landscaping), areas for drainage requirements (some of which would be temporary) and traffic management.
- 2.1.8 The Scheme includes a package of environmental mitigation and enhancement measures to reduce the impacts from the Scheme to the environment where possible. Consideration has also been given to the enhancement of the South Downs National Park where reasonably practicable.
- 2.1.9 Bridleways, footpaths and cycleways have been designed to allow all gradients to be less than 1:20 to comply with Department for Transport's (DfT) inclusive mobility impaired users. The walking, cycling and horse-riding routes are designed for cyclists, and therefore as all horizontal radii are suited for cyclists, they are also considered acceptable for mobility impaired users. The range of opportunities and barriers to all forms of users have been given due consideration in the design of the Scheme.

2.1.10 A number of new structures are required to be both constructed and demolished to facilitate the Scheme. Some of the main structures are as follows:

- The existing bridges at the M3 Junction 9 gyratory roundabout are proposed to be demolished and replaced by the two new bridge structures carrying the new gyratory
- A new underpass is proposed to carry the A34 southbound under the new A33 link road and the existing M3. The A34 northbound underpass would carry the new A34 northbound over the new A33 link
- The existing subways (Winnall Subway East and Winnall Subway West) located under the existing gyratory are proposed to be demolished to facilitate the construction of the reconfigured roundabout. New subways are proposed along the proposed walking, cycling and horse-riding route
- A new footbridge over the River Itchen is proposed between the existing Itchen Bridge, (which carries the A34 northbound carriageway), and the existing Kings Worthy Bridge which will carry the A33 north and southbound carriageways and the A34 southbound carriageway, respectively.

2.1.11 The walking, cycling and horse-riding facilities around and within the Scheme are to be upgraded. This includes an improvement to the National Cycle Network (NCN) Route 23. An additional footpath, cyclepath and bridleway is proposed on the eastern side of the Scheme to link Easton Lane with Long Walk. Such a route would provide a circular leisure path for those using the South Downs National Park with a link to the other paths around Long Walk with their links to local villages. A new combined footpath and cyclepath for the western side of the Scheme is proposed to link the A33 / B3047 Junction to Winnall Industrial Estate situated on Easton Lane.

2.1.12 A detailed description of the Scheme is provided in **Chapter 1 (Introduction)** and **Chapter 2 (The Scheme and its Surroundings)** of the **Environmental Statement (ES) (Document Reference 6.1)**.

2.2 Scheme objectives

2.2.1 The Scheme has five strategic objectives, supported by the National Highways Delivery Plan 2015-2020 (National Highways, 2015):

- To reduce delays at M3 Junction 9 on all links M3, A33 and A34.
- Smooth the flow of traffic by improving journey time reliability and reducing delays (time lost per vehicle per mile) at M3 Junction 9 and the exit and entry roads for the A33 and A34.
- Improve the safety for all road users and reduce the annual collision frequency and severity ratio on the M3 Junction 9.

- Support economic growth and ensure the junction can accommodate additional traffic.
- Improvements for walkers and cyclists including connecting the National Cycle Network Route 23 which is severed by the current junction layout.

2.2.2 The need for the Scheme is comprehensively set out in the **Case for the Scheme (Document Reference 7.1)** and **National Policy Statement for National Networks (NPSNN) Accordance Table (Document Reference 7.2)**.

2.3 Scheme history, timeline and future milestones

2.3.1 This history of the Scheme and future milestones are summarised in **Table 2.1**.

Table 2.1: Scheme history and future milestones

Year	Activity
2013	Identification of the need case
2013	Initial options identification and assessment
2015 – 2016	Options development, shortlisting and assessment
2018	Non-statutory consultation
January 2018 - February 2018	Option selection and development following non-statutory consultation
July 2018	Preferred route announcement
July 2019 - August 2019	Statutory consultation accompanied by a preliminary environmental information report (PEIR).
2020	Redesign of the Scheme in response to the responses received from the 2019 statutory consultation
May 2021 - July 2021	Statutory consultation accompanied by a new PEIR
2021	Design refinements in response to the responses received from the 2021 statutory consultation
November 2021 – December 2021	Targeted consultation with land interests

Year	Activity
2022	Design refinements following the ministerial statement on 12 January 2022 regarding the pause of All Lane Running (ALR) schemes
September 2022	2022 Scheme update activity to provide further information about the minor design amendments and proposed timescales following the ALR pause. The Applicant also used the Scheme update to notify stakeholders of how the relevant responses received from the 2021 statutory consultation had influenced the evolution of the Scheme design. The update was disseminated to stakeholders through various methods, including public information events, an online information portal and stakeholder briefings
October 2022 – November 2022	Targeted consultation with land interests
November 2022	Submission of the application to the Planning Inspectorate
2023	Expected decision by the Secretary of State (SoS)
Late 2024	Start of works
2027	Road open for users

2.3.2 Details of the Scheme history and key future milestones is presented in **Chapter 1 (Introduction)** and **Chapter 3 (Assessment of Alternatives)** of the **ES (Document Reference 6.1)**.

2.4 Qualification as a Nationally Significant Infrastructure Project

2.4.1 The Scheme is a Nationally Significant Infrastructure Project (NSIP) under Sections 14(1)(h) and 22(1)(b) of the Planning Act 2008.

2.4.2 Section 14(1)(h) of the Planning Act 2008 defines an NSIP as highway-related development falling within the criteria set out in Section 22 of the Planning Act 2008. Under Section 22(1) of the Planning Act 2008 an NSIP for highway-related development must fall within one of three specified categories, namely construction, improvement or alteration of a highway.

2.4.3 The Scheme constitutes an “alteration” to a highway within the meaning of Section 22(1)(b) and meets the requirements of this definition under Section 22(3) and 22(4) as follows:

- The highway is wholly in England (Section 22(3)(a)).
- National Highways, (as the strategic highways company), is the highway authority for the highway (Section 22(3)(b)).
- The area of development within the Application Boundary is greater than 15 hectares (Sections 22(3)(c) and 22(4)(a)), the latter relating to construction or alteration of a motorway).

2.4.4 As the Scheme is a NSIP, development consent must be obtained from the SoS to authorise it, and an application for a DCO must be made to the Planning Inspectorate who administer the DCO process on behalf of the SoS under Section 37 of the Planning Act 2008. If granted by the SoS, the DCO would provide the necessary authorisation to allow the Scheme to be constructed and operated.

3 The Applicant

3.1 National Highways

3.1.1 The Applicant is appointed and licensed by the SoS as the strategic highways company for England. It is responsible for operating, maintaining and improving the Strategic Road Network (SRN) in England, on behalf of the Secretary of State for Transport. The SRN is made up of England's motorways and all-purpose trunk roads (the major "A" roads).

3.1.2 The Scheme contact details are:

M3 Junction 9 Project Team
National Highways
Bridge House
1 Walnut Tree Close
Guildford
GU1 4LZ

Email: M3Junction9Improvements@nationalhighways.co.uk

Telephone: 0300 123 5000

3.2 The project team

3.2.1 The Scheme is managed by National Highways from its Guildford office by the M3 Junction 9 project team, which is responsible for delivering the Scheme in accordance with the Scheme's objectives.

4 Application documents

- 4.1.1 A list of the documents submitted as part of the application is set out in the 'Table of Application Documents' in the **Cover Letter and Section 55 Acceptance of Applications Checklist (Document Reference 1.1)**. Further details on the documents are provided in the following chapters.
- 4.1.2 The reports, drawings and plans that make up the application have been organised into seven volumes as listed in **Table 4.1**.

Table 4.1: Contents of the application

Volume	Document Reference	Document Title
1 – Application Information	1.1	Cover Letter and Section 55 Acceptance of Applications Checklist
	1.2	Application Form
	1.3	Introduction to the Application
	1.4	Electronic Application Index
2 – Plans, Drawings and Sections	2.1	Location Plan
	2.2	Land Plans
	2.3	Works Plans
	2.4	Rights of Way and Access Plans
	2.5	General Arrangement Plans
	2.6	Engineering Plans and Sections
	2.7	Structures Plans and Sections
	2.8	Classification of Road Plans
	2.9	Speed Limits Plans
	2.10	De-Trunking Plans
	2.11	Traffic Regulation Measures Plans
	2.12	Drainage and Surface Water Plans

Volume	Document Reference	Document Title
	2.13	Protected Trees and Hedgerows to be Removed Plans
	2.14	Revoking Existing Clearway Orders Plans
3 – Draft Development Consent Order	3.1	Draft Development Consent Order
	3.2	Explanatory Memorandum
	3.3	Consents and Agreements Position Statement
4 – Compulsory Acquisition Information	4.1	Statement of Reasons
	4.2	Funding Statement
	4.3	Book of Reference
5 –Report	5.1	Consultation Report
6 – Environmental Information	6.1	Environment Statement Chapter 1: Introduction
	6.1	Environment Statement Chapter 2: The Scheme and its Surroundings
	6.1	Environment Statement Chapter 3: Assessment of Alternatives
	6.1	Environment Statement Chapter 4: Environmental Impact Assessment Methodology
	6.1	Environment Statement Chapter 5: Air Quality
	6.1	Environment Statement Chapter 6: Cultural Heritage
	6.1	Environment Statement Chapter 7: Landscape and Visual
	6.1	Environment Statement Chapter 8: Biodiversity

Volume	Document Reference	Document Title
	6.1	Environment Statement Chapter 9: Geology and Soils
	6.1	Environment Statement Chapter 10: Material Assets and Waste
	6.1	Environment Statement Chapter 11: Noise and Vibration
	6.1	Environment Statement Chapter 12: Population and Human Health
	6.1	Environment Statement Chapter 13: Road Drainage and the Water Environment
	6.1	Environment Statement Chapter 14: Climate
	6.1	Environment Statement Chapter 15: Cumulative Effects
	6.1	Environment Statement Chapter 16: Summary of Effects
	6.1	Environment Statement Chapter 17: Abbreviations and Glossary
	6.1	Environment Statement Chapter 18: References
	6.2	Environment Statement Figures
	6.3	Environment Statement Appendices
	6.4	Non-Technical Summary
7 – Other Documents	7.1	Case for the Scheme
	7.2	National Policy Statement for National Networks Accordance Table
	7.3	First Iteration Environmental Management Plan
	7.4	Flood Risk Assessment

Volume	Document Reference	Document Title
	7.5	Habitats Regulations Assessment
	7.6	Statement Relating to Statutory Nuisance
	7.7	Water Framework Directive Assessment
	7.8	Outline Traffic Management Plan
	7.9	Design and Access Statement
	7.10	Combined Modelling and Appraisal Report
	7.11	Ground Investigation Report
	7.12	Progress with Statements of Common Ground
	7.13	Transport Assessment Report
	7.14	Equality Impact Assessment

4.1.3 If you require a copy of any of the application documents, or parts of them, please contact the M3 Junction 9 Project Team (contact details in **paragraph 3.1.2**). A USB memory stick containing these documents will be provided free of charge. A reasonable charge for printing and distribution of hard copies may be made.

5 Volume 1 documents

5.1 Introduction

5.1.1 This volume provides details of the information required by the Planning Inspectorate for the application and how to navigate the documentation.

5.2 Covering letter

5.2.1 The **Cover Letter and Section 55 Acceptance of Applications Checklist (Document Reference 1.1)** is completed to evidence how the application fulfils the conditions for acceptance by the Planning Inspectorate under Section 55 of the Planning Act 2008. The Schedule of Compliance with Section 55 will also be completed by the Planning Inspectorate on receipt of this application.

5.3 Application Form

5.3.1 The **Application Form (Document Reference 1.2)** is a standard form and provides a high-level summary of the Scheme and the documents that have been submitted. It is a form that originates from Schedule 2 of the Infrastructure Planning (Applications: Prescribed Forms and Procedures) Regulations 2009 (the 'APFP Regulations') and is submitted in accordance with Section 37(3)(b) of the Planning Act 2008 and Regulation 5(1) of the APFP Regulations.

5.4 Introduction to the Application

5.4.1 The **Introduction to the Application (Document Reference 1.3)** is this document. It acts as a guide to the Applicant's application, providing a brief description of the volumes and documents that make up the application.

5.5 Electronic Application Index

5.5.1 The **Electronic Application Index** is the technical index that applicants must submit with their application to facilitate efficient management and publication of the documents by the Planning Inspectorate. Whilst the **Electronic Application Index** has to be submitted electronically as an excel file, the Applicant has reproduced **Electronic Application Index** as a PDF file (**Document Reference 1.4**) so that other Interested Parties may view a comprehensive list of the application documents.

6 Volume 2 documents

6.1 Introduction

6.1.1 There are 14 sets of plans submitted as part of the application, as described below. Where a plan comprises three or more separate sheets, a key plan is provided, showing the relationship between the different sheets. Each plan (and each sheet within a set of plans) includes a key, which explains the use of symbols/lines/shading to denote features and information in the plans.

6.2 Location Plan

6.2.1 The **Location Plan (Document Reference 2.1)** identifies the location of the Scheme in its wider context.

6.3 Land Plans

6.3.1 The **Land Plans (Document Reference 2.2)** correspond to the **Book of Reference (Document Reference 4.3)** and, in summary, set out:

- The limits of land to be acquired or used permanently or temporarily
- The land to be acquired or used permanently for construction, operation and maintenance works for the Scheme
- Any land over which temporary possession may be taken
- Any land to be used temporarily and for rights in the land to be acquired permanently

6.4 Works Plans

6.4.1 The **Works Plans (Document Reference 2.3)** identify works proposed and the limits of deviation where they differ from the Application Boundary or DCO Order Limits. The Works Plans show the extent of the individual works as listed and described in Schedule 1 of the **draft DCO (Document Reference 3.1)**.

6.5 Rights of Way and Access Plans

6.5.1 The **Rights of Way and Access Plans (Document Reference 2.4)** show any new or altered means of access, stopping up of roads and any diversions, extinguishment or creation of rights of way. They also show the classification of highways which are to be applied to the Scheme as listed and described in Schedule 3 and 4 of the **draft DCO (Document Reference 3.1)**.

6.6 General Arrangement Plans

6.6.1 The **General Arrangement Plans (Document Reference 2.5)** show an illustration of the Scheme.

6.7 Engineering Plans and Sections and Structures Plans and Sections

6.7.1 These plans and sections (**Document Reference 2.6 to 2.7**) show the levels of the proposed works including the ground levels, the height of certain structures and the depths of any cuttings required for the Scheme as listed and described in Schedule 1 of the **draft DCO (Document Reference 3.1)**.

6.8 Classification of Road Plans

6.8.1 The **Classification of Road Plans (Document Reference 2.8)** are provided to show the proposed classification of the roads included in the Scheme as listed and described in Schedule 3 of the **draft DCO (Document Reference 3.1)**.

6.9 Speed Limits, De-Trunking and Traffic Regulation Measures Plans

6.9.1 The **Speed Limits Plans (Document Reference 2.9)** are provided to show the proposed speed limits, the **Traffic Regulation Measures Plans (Document Reference 2.11)** show proposed clearway extents, proposed prohibition of overtaking extents and proposed road markings and the **De-Trunking Plans (Document Reference 2.10)** are provided to show the proposed downgrading from trunk road to local road network.

6.10 Drainage and Surface Water Plans

6.10.1 The **Drainage and Surface Water Plans (Document Reference 2.12)** are provided to show the extents of the proposed drainage that is required as part of the Scheme as listed and described in Schedule 1 of the **draft DCO (Document Reference 3.1)**.

6.11 Protected Trees and Hedgerows to be Removed Plans

6.11.1 The **Protected Trees and Hedgerows to be Removed Plans (Document Reference 2.13)** are provided to identify the location of trees including those protected by Tree Preservation Orders and hedgerows, including Important Hedgerows as listed and described in Schedule 8 of the **draft DCO (Document Reference 3.1)**.

6.12 Revoking Existing Clearway Orders Plans

6.12.1 The **Revoking Existing Clearway Orders Plans (Document Reference 2.14)** are provided to show existing clearway extents which are proposed to be revoked.

7 Volume 3 documents

7.1 Draft Development Consent Order

7.1.1 The **draft DCO (Document Reference 3.1)** sets out the powers that the Applicant is seeking to enable it to construct and maintain the Scheme. It sets out the parameters for what development would be permitted. It consists of 7 parts and is accompanied by 10 schedules as outlined below.

Table 7.1: Structure of the draft DCO

Part/Schedule	Contents
Part 1	Preliminary
Part 2	Principal powers
Part 3	Streets
Part 4	Supplemental powers
Part 5	Powers of acquisition
Part 6	Operations
Part 7	Miscellaneous and general
Schedule 1	Authorised development
Schedule 2	Requirements
Schedule 3	Classification of roads
Schedule 4	Permanent stopping up of highways and private means of access and provision of new highways and private means of access
Schedule 5	Land in which only new rights may be acquired
Schedule 6	Modification of compensation and compulsory purchase enactments for creation of new rights and imposition of restrictive covenants
Schedule 7	Land of which temporary possession may be taken

Part/Schedule	Contents
Schedule 8	Trees subject to tree preservation orders
Schedule 9	Protective provisions
Schedule 10	Documents to be certified

7.2 Explanatory Memorandum

7.2.1 The **Explanatory Memorandum (Document Reference 3.2)** explains the purpose and effect of each provision in the draft order including why it is considered necessary.

7.3 Consents and Agreements Position Statement

7.3.1 The **Consents and Agreements Position Statement (Document Reference 3.3)** sets out the intended strategy for obtaining the consents and associated agreements needed to implement the Scheme.

8 Volume 4 documents

8.1 Introduction

8.1.1 This volume provides evidence of why the Applicant requires powers of compulsory acquisition and identification of the land affected.

8.1.2 In order to implement the Scheme, the Applicant will need to use statutory powers to acquire land and rights in land, and to possess and use land temporarily. The Applicant is required to provide evidence that the use of these powers would be justified, proportionate and in the public interest and this evidence is set out in a **Statement of Reasons (Document Reference 4.1)**, **Funding Statement (Document Reference 4.2)** and **Book of Reference (Document Reference 4.3)** as explained below.

8.2 Statement of Reasons

8.2.1 The **Statement of Reasons (Document Reference 4.1)** explains that there is a compelling case in the public interest which would justify the Applicant's exercise of powers of compulsory acquisition in order to acquire land and rights permanently and to use land temporarily to enable it to construct, operate and maintain the Scheme.

8.3 Funding Statement

8.3.1 The **Funding Statement (Document Reference 4.2)** explains how the Scheme, including any compensation required as a result of using powers of compulsory acquisition, would be funded.

8.4 Book of Reference

8.4.1 The **Book of Reference (Document Reference 4.3)** identifies all parties who own or occupy land and/or have an interest in or right over the land affected by the scheme, and/or who may be entitled to make a 'relevant claim' as defined in Section 57 of the Planning Act 2008. It is structured in five parts in accordance with relevant regulatory requirements. The five parts are:

- **Part 1:** Names and addresses for service of each person/organisation within Categories 1 and 2 as defined in Section 57 of the Planning Act 2008 in respect of any land which it is proposed shall be subject to powers of compulsory acquisition; rights to use land; or rights to carry out protective works to buildings.
- **Part 2:** Names and addresses for service of each person/organisation within Category 3. These are interests who might be entitled to make a relevant claim if the DCO were consented and implemented, e.g. potential claimants under Part 1 of the Land Compensation Act 1973 (c. 26), Section 10 of the Compulsory Purchase Act 1965, Section 152(3) of the Planning Act 2008.

- **Part 3:** Names of all those entitled to enjoy easements or other private rights over land (including private rights of navigation over water) which it is proposed shall be extinguished, suspended or interfered in the **draft DCO (Document Reference 3.1)**.
- **Part 4:** Owners of any Crown interest in the land which it is proposed to be used for the purposes of the DCO. There are no entries in Part 4 of the **Book of Reference (Document Reference 4.3)** for the Scheme as there is no land to be acquired that has been identified as Crown Land.
- **Part 5:** Land the acquisition of which could be subject to special parliamentary procedure, is special category land, or is replacement land. There are no entries in Part 5 of the **Book of Reference (Document Reference 4.3)** for the Scheme as there is no land to be acquired which would be subject to special parliamentary procedure.

9 Volume 5 documents

9.1 Introduction

9.1.1 This volume details the pre-application consultation that the Applicant has undertaken on the Scheme.

9.2 Consultation Report

9.2.1 The **Consultation Report (Document Reference 5.1)** provides an account of the pre-application consultation undertaken on the Scheme. The report includes details of the statutory consultation which the Applicant is required to undertake in accordance with the Planning Act 2008, the informal engagement that has taken place, and how the comments received have been taken into account when developing the Scheme.

9.2.2 The **Consultation Report (Document Reference 5.1)** comprises a main report and 15 separate appendices (including Annex 1). The appendices supporting the **Consultation Report (Document Reference 5.1)** are set out in **Table 9.1**.

Table 9.1: List of appendices supporting the Consultation Report

Appendix	Appendix Title
Annex 1	Consultation Compliance Checklist
Appendix A	Plan and figures
Appendix B	List of consultees
Appendix C	Non-statutory engagement
Appendix D	2018 non-statutory consultation
Appendix E	EIA scoping
Appendix F	2019 SoCC
Appendix G	2019 consultation
Appendix H	2019 Section 48 publicity
Appendix I	2021 SoCC
Appendix J	2021 statutory consultation
Appendix K	Summary of relevant responses to the 2021 statutory consultation and 2021 targeted consultation

Appendix	Appendix Title
Appendix L	2021 targeted consultation
Appendix M	2022 Scheme update activity
Appendix N	2022 targeted consultation

10 Volume 6 documents

10.1 Introduction

10.1.1 The Applicant has undertaken an Environmental Impact Assessment (EIA) of the Scheme to consider what significant effects the Scheme is likely to have on the environment.

10.2 Environmental Statement

10.2.1 The **Environmental Statement (ES) (Document Reference 6.1)** reports the findings of the EIA. The ES also provides general information on the Scheme including context, description of the Scheme and its construction, main alternatives considered, the consultation process that was part of the EIA and technical information on a range of topics.

10.2.2 The ES includes the following chapters:

- Chapter 1 Introduction
- Chapter 2 The Scheme and its Surroundings
- Chapter 3 Assessment of Alternatives
- Chapter 4 Environmental Impact Assessment Methodology
- Chapter 5 Air Quality
- Chapter 6 Cultural Heritage
- Chapter 7 Landscape and Visual
- Chapter 8 Biodiversity
- Chapter 9 Geology and Soils
- Chapter 10 Material Assets and Waste
- Chapter 11 Noise and Vibration
- Chapter 12 Population and Human Health
- Chapter 13 Road Drainage and the Water Environment
- Chapter 14 Climate
- Chapter 15 Cumulative Effects
- Chapter 16 Summary of Effects
- Chapter 17 Abbreviations and Glossary

- Chapter 18 References

10.3 Environmental Statement Figures

10.3.1 The ES is accompanied by a set of diagrams, plans and figures referred to within the **ES (Document Reference 6.2)**. Included in the ES figures are:

- Statutory/non-statutory sites or features of nature conservation.
- Habitats of protected species, important habitats or other diversity features.
- Water bodies in a river basin management plan, together with an assessment of any effects on such sites, features, habitats or bodies likely to be caused by the proposed development.
- Any statutory/non-statutory sites or features of the historic environment, (e.g. scheduled monuments, World Heritage sites, listed buildings, archaeological sites and registered battlefields) together with an assessment of any effects on such sites, features or structures likely to be caused by the proposed development.

10.4 Environmental Statement Appendices

10.4.1 The ES is accompanied by a series of appendices, as set out in **Table 10.1**, which provide further information and detail to support the **ES (Document Reference 6.3)**.

Table 10.1: List of appendices supporting the ES

Appendix	Appendix Title
1.1	Competent Expert Evidence
2.1	Drainage Outfall Methodology Optioneering Report
3.1	Stage 1 Technical Appraisal Report
3.2	Scheme Assessment Report
3.3	Non-motorised User Route Options
4.1	Major Events Screening Assessment
4.2	Scoping Comments and Responses
5.1	Air Quality Modelling Methodology and Verification
5.2	Human Receptors Backgrounds and Operational Phase Results

Appendix	Appendix Title
5.3	Designated Habitats Backgrounds and Operational Phase Results
5.4	Traffic Data
6.1	Detailed Cultural Heritage Baseline
6.2	Geophysical Survey Summary Report
6.3	Archaeological Evaluation Report
6.4	Geophysical Survey Report (2019)
6.5	Geophysical Survey Report (2021)
6.6	Archaeological Trial Trench Evaluation Report
6.7	Archaeological Watching Brief Report
6.8	Archaeology and Heritage Outline Mitigation Strategy
7.1	Landscape and Visual Methodology
7.2	Landscape Character Baseline
7.3	Schedule of Landscape Effects
7.4	Schedule of Visual Effects
7.5	Preliminary Arboricultural Impact Assessment
7.6	Outline Landscape and Ecological Management Plan
7.7	Technical Note Lighting Assessment of Gantry Signage
8.1a	Badger Survey Report 2017 – CONFIDENTIAL
8.1b	Bat Activity Survey Report 2017
8.1c	Botanical Survey Report 2017
8.1d	Breeding Bird Community Walkover Survey Report 2017
8.1e	Great Crested Newt Survey Report 2017
8.1f	Hazel Dormouse Survey Report 2018
8.1g	Otter Survey Report 2017 – CONFIDENTIAL

Appendix	Appendix Title
8.1h	Phase 1 Habitat Survey Report 2018
8.1i	Preliminary Bat Roost Assessment Report 2018
8.1j	Reptile Survey Report 2017
8.1k	Terrestrial Entomological Walkover Survey Report 2017
8.1l	Water Vole Survey Report 2017
8.1m	Habitat Verification and Orchid Survey 2020
8.1n	Aquatic Ecology Survey Report 2020 – CONFIDENTIAL
8.1o	Terrestrial Invertebrate Survey and Southern Damselfly Habitat Assessment 2020
8.1p	Preliminary Ecological Appraisal: Proposed Deposition Areas and Compound 2020 – CONFIDENTIAL
8.1q	Bat Trapping Survey Report 2021
8.1r	Bat Survey Report 2020
8.1s	Bat Roost Survey Report 2021
8.1t	Water Vole Survey Report 2020
8.1u	Badger Survey Report 2021 – CONFIDENTIAL
8.1v	Great Crested Newt HSI and eDNA Survey 2021
8.1w	White Helleborine Survey 2021
8.1x	Otter Survey Report 2021 - CONFIDENTIAL
8.1y	Biodiversity Desk Study Report 2021
8.1z	UK Hab Survey Report 2022
8.1z2	White-clawed Crayfish Survey Report
8.2	Biodiversity Net Gain Assessment Report
8.3	Assessment of Operational Air Quality Impacts on Biodiversity
9.1	Phase 1 Ground Conditions Assessment

Appendix	Appendix Title
9.2	Agricultural Land Classification and Soil Resources
10.1	Mineral Safeguarding Area Assessment
11.1	Construction Activities in Noise and Vibration Assessment
11.2	Receptors Affected by Noise from Construction Traffic Diversion Routes
11.3	Construction Noise Receptor Results
11.4	Operational Noise Receptors Results
12.1	Schedule of Population and Human Health Effects
13.1	Drainage Strategy Report
13.2	Hydrogeological Risk Assessment
13.3	Chalk Improvement and Stabilisation Technical Note
14.1	Construction Greenhouse Gas Assessment Calculations
14.2	Operational Greenhouse Gas Assessment Calculations
14.3	Greenhouse Gas Benchmarking
14.4	Climate Projections Data
15.1	Long list of Cumulative Developments
15.2	Short list of Cumulative Developments

10.5 Non-Technical Summary

10.5.1 The **Non-Technical Summary** to the **ES (Document Reference 6.4)** summarises the likely significant environmental effects of the Scheme in non-technical language.

11 Volume 7 documents

11.1 Introduction

11.1.1 A range of additional documents has been submitted with the application. These documents are intended to provide useful information on the Scheme and aid detailed understanding of the application and its justification.

11.2 Case for the Scheme

11.2.1 The **Case for the Scheme (Document Reference 7.1)** sets out the need for the Scheme, the objectives that it seeks to address, options and alternatives considered and an explanation of the Scheme over time.

11.3 National Policy Statement for National Networks Accordance Table

11.3.1 The **National Policy Statement for National Networks Accordance Table (Document Reference 7.2)** sets out how the Scheme meets its objectives and how it accords with government policy in the National Policy Statement for National Networks.

11.4 First Iteration Environmental Management Plan

11.4.1 The **First Iteration Environmental Management Plan (Document Reference 7.3)** provides an essential project specific tool to manage on-site construction activities that may affect the environment. The key aims of the first iteration Environmental Management Plan is to ensure all environmental mitigation, DCO requirements, consents and licences are met and to minimise and manage the risk of adverse environmental impacts.

11.5 Flood Risk Assessment

11.5.1 The **Flood Risk Assessment (Document Reference 7.4)** assesses the extent to which the Scheme could increase the risk of flooding and detailing the flood mitigation measures incorporated within the Scheme design.

11.6 Habitats Regulations Assessment

11.6.1 A **Habitats Regulations Assessment** including the assessment matrices (**Document Reference 7.5**) presents the Applicant's assessment of the effects of the Scheme on European protected habitats to which the Conservation of Habitats and Species Regulations 2017 (as amended) apply. The purpose of the assessment is to provide sufficient information for the Secretary of State to make an appropriate assessment under the Habitats Regulations.

11.7 Statement Relating to Statutory Nuisance

11.7.1 The **Statement Relating to Statutory Nuisance (Document Reference 7.6)** identifies the matters set out in Section 79 of the Environmental Protection Act 1990 in respect of statutory nuisances and considers, whether the Scheme

would engage one or more of those matters. Where any matters may be potentially engaged, this statement sets out its proposals for mitigating or limiting them.

11.8 Water Framework Directive Assessment

11.8.1 The **Water Framework Directive Assessment (Document Reference 7.7)** which details how the requirements of the European Directive have been met by the Scheme.

11.9 Outline Traffic Management Plan

11.9.1 The **Outline Traffic Management Plan (Document Reference 7.8)** describes the type and extent of traffic management arrangements required to facilitate the construction of the works to provide a safe environment for all those on or travelling through the Scheme.

11.10 Design and Access Statement

11.10.1 The **Design and Access Statement (Document Reference 7.9)** summarises the approach taken on the Scheme design and how it has evolved in view of its location partially within the South Downs National Park.

11.11 Combined Modelling and Appraisal Report

11.11.1 **Combined Modelling and Appraisal Report (Document Reference 7.10)** details the traffic data collection, traffic modelling, traffic forecasting and economic appraisal in relation to the Scheme.

11.12 Ground Investigation Report

11.12.1 The **Ground Investigation Report (Document Reference 7.11)** details the finding of the ground investigation in the Scheme area and recommendations for construction of the Scheme.

11.13 Progress with Statements of Common Ground

11.13.1 This document (**Document Reference 7.12**) provides the latest position on Statements of Common Ground (SoCG) between the Applicant and statutory consultees in relation to the Scheme. This is a 'live' document that will be updated during the examination stage.

11.14 Transport Assessment Report

11.14.1 The **Transport Assessment Report (Document Reference 7.13)** provides a description of the existing transport features, a summary of the transport modelling work undertaken and the impact of the Scheme on the strategic and local network, road safety and sustainable modes of transport.

11.15 Equality Impact Assessment

11.15.1 The **Equality Impact Assessment (Document Reference 7.14)** provides details of how the Scheme considers protected characteristic groups, paying particular attention to vulnerable users of the highway network.

12 Defined Terms and Abbreviations

12.1.1 The following defined terms and abbreviations are used throughout the application documents for the Scheme.

12.1.2 Document References are references to those documents forming part of the Applicant's application.

12.1.3 All references within the application to legislation are references to legislation as in force in England on the date of the application.

Table 12.1: Defined Terms

Term	Meaning/definition
Above Ordnance Datum	Above the mean sea level from observations at Newlyn in Cornwall calculated between 1915 and 1921, taken as a reference point for the height data on Ordnance Survey maps.
Adaptive Capacity	Ability or capacity of a system to modify or change to cope with changes in actual or expected climate stress. Also referred to as climate resilience.
Affected Road Network	All roads that trigger the traffic screening criteria, as set out in are set out in DMRB LA 105 Air Quality (Highways England, 2019), and adjoining roads within 200m.
Aggregate	Granular material (e.g. sand and gravel or crushed rock) that can be used for building and/or civil engineering purposes (e.g. for concrete production).
Agricultural Land Classification	A system used to grade agricultural land according to versatility, quality and suitability for growing crops as set out in the ALC for England and Wales issued by the Department for Environment, Food and Rural Affairs (Defra). The top three grades, Grades 1, 2 and Subgrade 3a, are referred to as "Best and Most Versatile" (BMV) land.
AM Peak	The morning peak time between the hours of 7:00 to 10:00.
Ambient noise	The total sound in a certain situation at a given time usually composed of sound from many sources, near and far.
Amenity	The relative pleasantness of a journey, or the ability of communities to achieve enjoyment and/or quality of life.
Annual Average Daily Traffic	Total volume of vehicle traffic on a road flowing past a certain point over a year divided by 365 days.

Term	Meaning/definition
Annual Average Weekday Traffic	The average 24-hour traffic volume occurring on weekdays throughout a full year.
Annual Exceedance Probability	Flood frequency is expressed in terms of an annual exceedance probability, which is the inverse of the annual maximum return period. For example, the 100- year flood (a flood likely to occur once every 100 years) can be expressed as the 1% AEP flood, which has a 1% chance of being exceeded in any year.
APFP Regulations	Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009.
Appropriate Assessment	An assessment of the effects of a plan or project on the network of European sites of nature conservation significance in accordance with Habitats Regulations 2017. The assessment focuses on the plan or project's implications for the site and any potential adverse impacts on its integrity.
Aquifer	An underground layer of water-bearing permeable rock, rock fractures or unconsolidated materials (gravel, sand or silt).
A-Road	A type of road prefixed with the letter 'A'. These are the busiest and most direct main roads, apart from motorways, and can be of different standard.
Attenuation pond	A pond designed to hold back water and release it at a controlled flow rate.
Baseline conditions	The environment as it appears (or would appear) immediately prior to the implementation of the Scheme together with any known or foreseeable future changes that will take place before completion of the Scheme.
Bedrock	Rock that underlies loose deposits such as soil or alluvium.
Below ground level	Term used to differentiate below ground from above ground.
Benefit-to-Cost Ratio	The Benefit Cost Ratio is a presentation of the amount of benefit being bought for every £1 of cost to the public purse – the higher the BCR, the greater the benefit for every £1 spent.
Best and Most Versatile agricultural land	Land defined as grades 1, 2 and 3a of the Agricultural Land Classification. This land is considered to be the most flexible, productive and efficient and is most capable of delivering crops for food and non-food uses.

Term	Meaning/definition
Best Practicable Means	A term used by the Environment Agency's requiring operators to take all reasonably practicable measures in the design and management of their facilities to minimise charges and disposals of radio-active waste so as to achieve a high standard of environmental protection of the environment and the public.
Biodiversity	The biological diversity of the earth's living resources. The total range of variability among systems and organisms at the following levels of organisation: bioregional, landscape, ecosystem, habitat communities, species, populations, individuals, genes and the structural and functional relationships within and between these different levels.
Borehole	A hole bored into the ground, usually as part of investigations, typically to test the depth and quality of soil, rock and groundwater. A borehole can also be used to dewater the ground.
Bridge deck	The component of a bridge superstructure that directly supports the road surface and traffic.
Buffer	Specified area or distance surrounding a site or feature of interest.
Bund	An embankment structure.
Calculation of Road Traffic Noise	A technical memorandum that describes the procedures for calculating noise from road traffic
Carbon Budget	Greenhouse gas targets over defined periods of time
Carriageway	The width of a highway that can be used by motorised vehicles and non- motorised users, formed by a number of lanes.
Catchment	A drainage/basin area within which precipitation drains into a river system and eventually into the sea.
Climate change	This refers to a change in the state of the climate, which can be identified by changes in average climate characteristics which persist for an extended period, typically decades or longer.
Compulsory acquisition	The acquisition of land (or rights over land) without the owner's consent, but in return for compensation.
Congestion	A situation where the volume of traffic is too great for the road, causing vehicles to slow down or stop, often caused by bottlenecks, traffic incidents and junction design.

Term	Meaning/definition
Conservation Area	An area designated under Section 69 of the Planning (Listed Buildings and Conservation Areas) Act 1990 as being an area of “special architectural or historic interest, the character or appearance of which it is desirable to preserve or enhance”.
Construction compound	Construction compounds will generally act as the points of entry to the worksites from the public highway. They may also be used for major stockpiling of materials such as top soil, and to facilitate transfer of materials to and from the site.
Construction Design and Management (CDM) Regulations 2015	The Construction (Design & Management) Regulations (CDM 2015) are the main set of regulations for managing the health, safety and welfare of construction projects.
Contaminated Land: Applications in Real Environments	An independent not-for-profit organisation established in 1999 to stimulate the regeneration of contaminated land in the UK. It aims to raise awareness of, and confidence in, practical and sustainable remediation technologies.
Critical load	A quantitative estimate of exposure to one or more pollutants below which significant harmful effects on specified sensitive elements of the environment do not occur according to present knowledge. This is used to assess modelled nitrogen.
Culvert	A tunnel (pipe or box shaped) that carries a stream or open drain under a road or railway.
Cumulative Effects Assessment	An assessment to identify the potential significant effects caused by the interactions of the effects on the environment from different aspects of the same project and from other projects.
Cutting	An earthwork to establish the road foundations (along with embankments), where the road is cut into the landscape, providing potential for visual screening and noise attenuation.
DCO Application	The application for a DCO for the scheme.
Decibel	The scale used to measure noise is the decibel scale which extends from 0 to 140 decibels, corresponding to the intensity of the sound pressure level.
Delay	For pedestrians, this is the increase in the 'person-minutes' of the journey times of pedestrians and other non-motorised travellers. For traffic, this is the increase in journey times for drivers and passengers.

Term	Meaning/definition
Department for Transport (DfT)	The Government department responsible for transport in Britain, and therefore in overall control of the road network. It is mainly responsible for policy decisions, and its responsibilities are carried out by a range of agencies and local authorities.
Design Manual for Roads and Bridges	A manual, prepared by National Highways that sets out all current standards, advice notes and other published documents relating to the design, assessment and operation road schemes.
Designated habitats	Internationally, nationally and locally designated sites of ecological conservation importance on protected species and on habitats and other species identified as being of principal importance for the conservation of biodiversity.
Detailed assessment	Method applied to gain an in-depth appreciation of the beneficial and adverse consequences of the Scheme and to inform project decisions. Detailed Assessments are likely to require detailed field surveys and/or quantified modelling techniques.
Development Consent Order	The consent for a Nationally Significant Infrastructure Project required under the Planning Act 2008 (as amended).
Directive	Legal obligations imposed on European member states by the European Union.
Disbenefit	A disadvantage or loss resulting from something.
Do-Minimum	The scenario that represents the situation that would occur without the Scheme in operation, which includes permitted developments.
Do-Nothing	The Do-Nothing forecasting scenario is simply the existing network without modification in the Opening/ Design Year.
Do-Something	The Do-Something forecast scenario is the road proposal under consideration in the Opening/ Design Year.
Dumbbell	A type of grade-separated junction which takes the form of a roundabout either side of a major road, linked by a bridge.
Dust	All airborne particulate matter.
Earthworks	The removal or placement of soils and rocks such as in cuttings, embankments and environmental mitigation, including the in-situ improvement of soils/rocks to achieve the desired properties.

Term	Meaning/definition
Effect	Term used to express the consequence of an impact (expressed as the 'significance of effect'), which is determined by correlating the magnitude of the impact (or change) to the importance, value or sensitivity of the receptor or resource, in accordance with defined significance criteria.
EIA Regulations	The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017.
Embankment	Artificially raised ground, commonly made of earth material, such as stone, on which the carriageway is laid.
Embedded mitigation	Design measures which are integrated into a project for the purpose of minimising environmental effects
Embodied Carbon	Embodied carbon is the carbon footprint of a material. It considers how many greenhouse gases (GHGs) are released throughout the supply chain and is often measured from cradle to (factory) gate, or cradle to site (of use).
Emission Factor Toolkit	A tool published by Defra, used to assist to assist local authorities in carrying out Review and Assessment of local air quality as part of their duties under the Environmental Act 1995.
Enhancement	A measure that is over and above what is required to mitigate the adverse effects of a project.
Environment Agency	The Government agency established to protect and improve the environment and contribute to sustainable development in England. Responsibilities include: water quality and resources, flooding and coastal risk management and contaminated land.
Environmental Impact Assessment (EIA)	The statutory process through which the likely significant effects of a development project on the environment are identified and assessed, in accordance with the EA Regulations.
Environmental Clerk of Works	An individual who supports compliance with legislation and planning conditions but also provides advice and guidance throughout construction.
Environmental effect	The consequence of an action (impact) upon the environment such as the decline of a breeding bird population as a result of the removal of hedgerows and trees.
Environmental Health Officer	A local authority officer with responsibilities for protecting public health through the administration

Term	Meaning/definition
	and enforcement of environmental health legislation.
Environmental impact	The change in the environment from a development such as the removal of a hedgerow.
Environmental Management Plan	The environmental management plan provides the framework for recording environmental risks, commitments and other environmental constraints and clearly identifies the structures and processes that will be used to manage and control these aspects. The first iteration Environmental Management Plan (fiEMP), based on the design phase of the Scheme, is submitted with the DCO application.
Environmental Masterplan	The plans which illustrate the mitigation measures integrated into the design of the Scheme.
Environmental Statement	A statutory document which reports the EIA process, produced in accordance with the EIA Regulations.
Essential mitigation	Measures required to reduce and if possible offset likely significant adverse environmental effects, in support of the reported significance of effects in the environmental assessment
European Protected Species	Species of plants and animals (not birds) which are protected by European law.
Evening peak period (PM)	Period of time representing traffic characteristics in the evening, normally between 16:00 and 19:00.
Examining Authority	The person(s) appointed by the Secretary of State to assess the DCO application and make a recommendation to the SoS
Excavated material	Largely natural soil and rock material that is removed from the ground during construction.
False cutting	A means of screening the road from the surrounding landscape.
Fill	Material used to artificially raise the existing ground levels.
Flood Risk Assessment	The process of assessing potential flood risk to a site and identifying whether there are any flooding or surface water management issues that may warrant further consideration or may affect the feasibility of a development.
Future baseline	The situation and conditions that would prevail should a proposed development not proceed. Predicted impacts are compared against this theoretical scenario.

Term	Meaning/definition
Gantry	A bridge-like overhead structure with a platform supporting equipment such as a crane, signals, or cameras.
Geophysical survey	A process involving ground-based physical sensing techniques to determine the presence or absence of anomalies likely to be caused by archaeological features, structures or deposits.
Grade separated junction	A type of junction where the major route (or routes) through the junction do not stop and do not cross any other road on the level. Movements to other roads are made using slip roads and bridges.
Greenhouse gases	Atmospheric gases such as carbon dioxide, methane, chlorofluorocarbons, nitrous oxide, ozone, and water vapour that absorb and emit infrared radiation emitted by the Earth's surface, the atmosphere, and clouds.
Ground Investigation	An intrusive investigation undertaken to collect information relating to the ground conditions, normally for geotechnical or land contamination purposes.
Groundwater	All water which is below the surface of the ground and within the permanently saturated zone.
Groundwater Source Protection Zone	Areas defined by the Environment Agency which show the risk from contamination/pollution to groundwater that is extracted for drinking water.
Gyratory	A road junction that has circular movement of traffic, larger and more complex and an ordinary roundabout.
Habitats Regulations 2017	The Conservation of Habitats and Species Regulations 2017
Habitats Regulations Assessment	A Habitats Regulations Assessment is required where a project may have significant effects on a site by affecting its function to support protected habitats or species. Its purpose is to assess the implications of the proposal in respect of the site's 'conservation objectives'. The assessment is undertaken by the competent authority, in this case the SoS.
Haul road	A temporary road provided within a contractor's site area to allow for the movement of construction material, construction machinery and/or construction labour around the site.
Heavy duty vehicle	Heavy duty vehicles include a vehicle with a gross weight of more than 3.5 tonnes and buses.
Heavy goods vehicle	A goods vehicle with a gross weight of more than 3.5 tonnes.

Term	Meaning/definition
Hectare	A metric unit of measurement, equal to 2.471 acres or 10,000 square metres.
Heritage asset	A building, monument, site, place, area or landscape identified as having a degree of significance meriting consideration in planning decisions because of its heritage interest. Heritage assets include designated heritage assets and assets identified by the local planning authority (including local listing).
Highways England Water Risk Assessment Tool	A spreadsheet-based application used to determine whether highway runoff is likely to have an ecological impact on surface watercourses.
Historic England	The executive non-departmental public body created the National Heritage Act 1983 to: secure the preservation of ancient monuments and historic buildings situated in England; promote the preservation and enhancement of the character and appearance of conservation areas situated in England; and promote the public's enjoyment of, and advance their knowledge of, ancient monuments and historic buildings situated in England and their preservation.
Historic Environment Record	The record of heritage assets which provides information to members of the public, statutory bodies and developers about the archaeological resource in an area.
Important hedgerow	A hedgerow that is at least 30 years old and which meets certain criteria relating to its particular archaeological, historical, wildlife and landscape value.
Interim Advice Note	Guidance notes issued by National Highways which incorporate amendments or additions to the Design Manual for Roads and Bridges.
Inter-peak period	The period of time representing traffic characteristics during the day between 10:00 and 16:00.
Junction	A place where two roads meet, regardless of design or layout.
LA ₁₀	The level of noise exceeded for 10% of the measurement time. This has been shown to correlate well with human responses to road traffic noise.

Term	Meaning/definition
LA _{eq T}	The equivalent continuous (time-averaged) A-weighted sound level. This is commonly referred to as the average noise level. The suffix "T" represents the time period to which the noise level relates. For example, LA _{eq} 1 hr is the LA _{eq} level determined over a period of one hour.
Land take	Land required for the Scheme.
Landscape and Visual Impact Assessment	An assessment to identify and assess the significance of change on the landscape including specific views and general visual amenity resulting from a proposed development.
Lane	A section of carriageway marked out for the use of traffic, and typically intended for use in one direction.
Laydown area	An area used for the temporary storage of construction equipment and supplies.
Lead Local Flood Authorities	Unitary authorities or county councils who are responsible for developing, maintaining and applying a strategy for local flood risk management in their areas and for maintaining a register of flood risk assets. Hampshire County Council have this responsibility for the Scheme.
Light goods vehicle	A motor vehicle used to carry goods with a total mass of up to 3.5 tonnes.
Limits of Deviation	Limits within which the Scheme can deviate should consent be granted as described.
Link	A section of road between two junctions.
Listed Building	A building or structure designated under the Planning (Listed Buildings and Conservation Areas) Act 1990 as being of 'special architectural or historic interest'.
Local Planning Authority	The local authority or council that is empowered by law to exercise planning functions.
Long Walk	Long Walk is sometimes referred to as Fulling Mill Lane. For this application Long Walk has been used to identify the highway between Easton Lane and M3 underpass
Lowest Observable Adverse Effect Level (noise)	This is the level above which adverse effects on health and quality of life can be detected.
Mainline	The carriageway carrying the main flow of traffic, generally traffic passing straight through a junction or interchange.

Term	Meaning/definition
Mitigation	Measures including any process, activity, or design to avoid, reduce, remedy or compensate for negative environmental impacts or effects of a development.
Modelling	The process of estimating changes within an area of interest under a specific set of conditions.
Monitoring	A continuing assessment of the performance of the Scheme, including mitigation measures. This determines if effects occur as predicted or if operations remain within acceptable limits, and if mitigation measures are as effective as predicted.
Morning period (AM)	Period of time representing traffic characteristics in the morning, normally between 07:00 and 10:00.
National Cycle Network	A series of traffic-free paths and quiet, on-road cycling and walking routes that connect towns and cities. These routes are promoted for both recreational and active travel purposes.
National Highways	National Highways is the strategic highway company responsible for the operation, maintenance and improvement of England's trunk roads and motorways. Formerly Highways England and the Highways Agency.
National Planning Policy Framework	A planning framework which sets out the Government's planning policies for planning applications under the Town and Country Planning Act 1990 in England and how these are expected to be applied.
National Policy Statement for National Networks	A statement setting out the need for, and Government's policies to deliver, the development of nationally significant infrastructure projects on the national road and rail networks in England.
National Speed Limit	The default speed limit which applies to roads without any posted limit, this being 60mph on single carriageway roads and 70mph on dual carriageways and motorways.
Nationally Significant Infrastructure Project	A type of project listed in the Planning Act 2008 which requires a Development Consent Order.
Natural England	The executive non-departmental public body constituted under the Natural Environment and Rural Communities Act 2006 to ensure that the natural environment is conserved, enhanced and managed for the benefit of present and future generations, thereby contributing to sustainable development.

Term	Meaning/definition
No Observed Effect Level	This is the level below which no effect can be detected and below which there is no detectable effect on health and quality of life due to noise
Non-statutory consultation (2018)	Consultation with stakeholders undertaken before the statutory consultation period.
Non-statutory engagement	Engagement with stakeholders that is separate from the non-statutory consultation and statutory consultation stages.
Non-Technical Summary	Information for the non-specialist reader to enable them to understand the main predicted environmental effects of the proposal without reference to the main Environmental Statement.
Open space	Land where the public have access either by legal right or by informal agreement.
Operational	The functioning of a project on completion of construction.
Order limits	The extent of land required for the Scheme.
Ordinary watercourse	Ordinary watercourses include every river, stream, ditch, drain, cut, dyke, sluice, sewer (other than a public sewer) and passage through which water flows and which does not form part of a main river.
Ordnance Survey	The national mapping agency for the UK.
Outline Landscape and Ecological Management Plan	A site specific plan outlines biodiversity commitments and sets out how landscape and ecological mitigation will be implemented.
Overnight period (OP)	Period of time representing traffic characteristics overnight, normally between 7pm and 7am.
Planning Inspectorate	The agency responsible for operating the planning process for NSIPs on behalf of the SoS.
PM Peak	The afternoon peak time between the hours of 16:00 to 19:00.
Preferred Route Announcement	An announcement made by National Highways following the selection of a preferred option or solution for a given road project.
Preliminary Environmental Information	Preliminary environmental information about the Scheme provided for the purposes of consultation in accordance with the Planning Act 2008 and the EIA Regulations
Prescribed bodies	Organisations that must be consulted on relevant projects. Prescribed consultees are listed in Schedule 1 of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009.

Term	Meaning/definition
Project Control Framework	A joint Department for Transport and National Highways approach to developing, delivering and managing major road projects.
Protected species	Species of wild plants, birds and animals which are afforded protection through legislative provisions.
Public Right of Way	A way over which members of the public may use on foot, on a horse, or a pedal cycle. The public have a right to pass even if the specific route traverses private land.
Qualitative	An assessment based on less tangible factors, using professional judgement and/or banding of data.
Quantitative	An assessment based on measurable facts and data.
Receptor	A defined individual environmental feature usually associated with population, fauna and flora that has potential to be affected by a project.
Record of Environmental Actions and Commitments	The REAC forms part of the first iteration Environmental Management Plan (fiEMP) which is submitted as part of the DCO application. It defines the environmental actions and commitments which have been identified and developed to mitigate the Scheme's environmental effects. The actions and commitments contained within the REAC are considered embedded mitigation and as such are considered to be in place within the ES assessments.
Residual effect	Residual effects are those effects that remain after all mitigation (embedded and essential) have been factored into the assessment of effects.
Road Investment Strategy	A document which sets out a long-term vision for England's motorways and major roads, outlining how smooth, smart and sustainable roads will be achieved through investment over a five-year period (2015 – 2020).
Rochdale Envelope	An approach to consenting and environmental impact assessment, named after a UK planning law case, which allows the promoters of development projects to broadly define their schemes within agreed parameters to retain flexibility of design.
Roundabout	A circular, one-way junction at which other roads meet and terminate.

Term	Meaning/definition
Scheduled Monument	A heritage asset designated and protected under the Ancient Monuments and Archaeological Areas Act 1979.
Scheme	All works associated with the M3 Junction 9 Improvement Scheme
Scoping	The process of identifying the issues to be addressed by the Environmental Impact Assessment process. It is a method of ensuring that an assessment focuses on the important issues and avoids those that are considered to be not significant.
Scoping Opinion	The written opinion of the relevant authority, following a request from the applicant as to the information to be provided in an Environmental Statement. For this Scheme a second scoping opinion was sought from the Planning Inspectorate reflecting the fact that design changes had been made. This was received in November 2020.
Scoping Report	A report which records the outcomes of the scoping process and is typically submitted as part of a formal request for a Scoping Opinion.
Secretary of State	The Secretary of State for Transport.
Significance (of effect)	A measure of the importance or gravity of the environmental effect, defined by generic significance criteria or criteria specific to an environmental topic.
Significant Observed Adverse Effect Level (noise)	This is the level above which significant adverse effects on health and quality of life occur.
Site of Special Scientific Interest	Site designated as being of special interest for its flora, fauna or geological or physiographical features and protected under the Wildlife and Countryside Act 1981.
Site Waste Management Plan	A plan that is used to outline how a construction project will avoid, minimise or mitigate effects on waste production and handling on the environment and surrounding area.
Slip road	A connector road within a junction between a mainline carriageway and the local highway network, or vice versa, which meets the local highway network at- grade.
[2021] SoCC consultation	Consultation pursuant to section 47 of the Planning Act 2008 about developing the statutory consultation strategy and consent of the Statement of Community Consultation (SoCC).

Term	Meaning/definition
South Downs National Park Authority	The South Downs National Park Authority is a public body, founded by the Government. It is the planning authority for the National Park. The park is situated in the counties of Hampshire, West Sussex and East Sussex.
Span	The horizontal distance between two supports of a structure (e.g. piers of a bridge or viaduct).
Special Area of Conservation	An area which has been identified as being important for a range of vulnerable habitats, plant and animal species within the EU and is designated under the Habitats Directive.
Special Protection Area	A site designated under the Birds Directive due to its international importance for the breeding, feeding, wintering, or the migration of, rare and vulnerable species of birds.
Stakeholder	An organisation or individual with a particular interest in a development project.
[2019] statutory consultation	Consultation in line with section 42, section 46, section 47 and section 48 of the Planning Act 2008. The 2019 statutory consultation was superseded by the 2021 statutory consultation.
[2021] statutory consultation	Consultation pursuant to section 42, section 46, section 47 and section 48 of the Planning Act 2008.
Statutory consultee	Organisations that must be consulted on relevant projects. Statutory consultees are listed in Schedule 1 of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009.
Strategic Road Network	The network of motorways and trunk roads in England.
Study area	The spatial area within which environmental effects are assessed (i.e. extending a distance from the development footprint in which significant environmental effects are anticipated to occur). This area varies between different environmental topic areas.
Targeted consultation	Targeted consultation pursuant to section 42(1)(d) of the Planning Act 2008 as a result of ongoing diligent inquiries.
Temporary Traffic Management	Measures, including directive barriers and signs, taken to ensure that road users can travel safely through or around the work site.
The Applicant	National Highways

Term	Meaning/definition
The Road to Good Design (Highways England, 2018)	A National Highways document, outlining the 10 principles of good road design which encompass the three themes of connecting people, connecting spaces and connecting processes.
Transport Analysis Guidance	Guidance produced by the Department for Transport for undertaking transportation studies, appraisals and modelling. Also referred to as WebTAG.
Trunk road	A road operated and maintained in England by National Highways.
Underbridge (or underpass)	A bridge crossing under a transport corridor (e.g. a highway).
Vehicle Restraint Systems	System installed on a road to provide a level of containment for an errant vehicle such as a safety barrier.
Viewpoint	A place from which something can be viewed.
Walkers, cyclists and horse-riders	A collective term used to describe pedestrians, cyclists and equestrians.

Table 12.2: Abbreviations

Abbreviation	Description
AADT	Annual Average Daily Traffic
AAWT	Annual Average Weekday Traffic
AB	Application Boundary
ADMM	Asset Data Management Manual
ADMS	Atmospheric Dispersion Modelling System
AEP	Annual Exceedance Probability
AIA	Arboricultural Impact Assessment
AIMS	Asset Information Management System
ALC	Agricultural Land Classification
ALR	All Lane Running
AMI	Advanced Matrix Indicator
AMOR	Asset Maintenance and Operational Requirements
ANPR	Automated Number Plate Recognition
AOD	Above Ordnance Datum
AONB	Area of Outstanding Natural Beauty
APA	Alternative Planning Assumptions
APIS	Air Pollution Information System
AQMA	Air Quality Management Area
AQO	Air Quality Objective
AQS	Air Quality Strategy
ARN	Affected Road Network
ATC	Automated Traffic Counters
AVR	Accurate Visual Representation
BAP	Biodiversity Action Plan
BCR	Benefit-to-Cost Ratio
bgl	Below Ground Level
BGS	British Geological Survey
BMV	Best and Most Versatile
BNL	Basic Noise Level
BoQ	Bill of Quantities
BPM	Best Practicable Means
BS	British Standard
BSI	British Standards Institute
CCA	Climate Change Act
CCC	Committee on Climate Change
CCG	Clinical Commissioning Group
CCRA	Climate Change Risk Assessment
CCTV	Closed-Circuit Television
CDE	Construction, Demolition, Excavation
CDW	Construction and Demolition Waste

Abbreviation	Description
CFMP	Catchment Flood Management Plan
CftS	Case for the Scheme
Ch	Chainage
CIEEM	Chartered Institute of Ecology and Environmental Management
ClfA	Chartered Institute for Archaeologists
CIRIA	Construction Industry Research and Information Association
CIWEN	Chartered Institution of Water and Environmental
CL:AIRE	Contaminated Land: Applications in Real Environments
CO ₂	Carbon Dioxide
CO _{2e}	Carbon Dioxide Equivalent
COBALT	Cost and Benefits to Accidents - Light Touch
CoCP	Code of Construction Practice
ComMA	Combined Modelling and Appraisal Report
CoPA	Control of Pollution Act 1974
CPA 1965	Compulsory Purchase Act 1965
CPRE	Campaign for the Protection of Rural England
CRoW	Countryside and Rights of Way Act 2000
CRTN	Calculation of Road Traffic Noise
CTM	Construction Traffic Management
DAS	Design and Access Statement
dB	Decibel
DBEIS	Department for Business, Energy & Industrial Services
DCMS	Department of Digital, Culture, Media and Sport
DCO	Development Consent Order
Defra	Department for Environment Food and Rural Affairs
DfT	Department for Transport
DLOA	Detailed Local Operating Agreement
DM	Do Minimum
DMRB	Design Manual for Roads and Bridges
DoWCoP	Definition of Waste Code of Practice
DQRA	Detailed Quantitative Risk Assessment
DS	Do Something
DSM	Digital Surface Model
DTM	Digital Terrain Model
DWGSZ	Drinking Water Groundwater Safeguard Zone
DWS	Drinking Water Standards
EA	Environment Agency
EB	East Bound
EBC	Eastleigh Borough Council
EclA	Ecological Impact Assessment

Abbreviation	Description
ECoW	Ecological Clerk of Works
ECP	Environmental Control Plans
EDB	Extended Detention Basins
EEA	European Economic Area
EF	Environmental Function
EFT	Emissions Factor Toolkit
EHO	Environmental Health Officer
EIA	Environmental Impact Assessment
ELC	European Landscape Convention
EMP	Environmental Management Plan
EMS	Environmental Management System
END	European Noise Directive (Directive 2002/49/EC)
EnvCoW	Environmental Clerk of Works
EnVis	National Highway's Environmental Information System
EPA	Environmental Protection Act 1990
EPM	Ecology Protection Measures
EPs	Environmental Permits
EPS	European Protected Species
EqIA	Equalities Impact Assessment
EQS	Environmental Quality Standards
EQS	Environmental Quality Standard
ES	Environmental Statement
ESR	Environmental Study Report
EU	European Union
EV	Electric Vehicle
EWE	Extreme Weather Events
ExA	Examining Authority
FEH	Flood Estimation Handbook
fiEMP	First Iteration Environmental Management Plan
FRA	Flood Risk Assessment
FRAP	Flood Risk Activity Permit
FWRA	Foundation Works Risk Assessment
GAC	Generic Assessment Criteria
GCR	Geological Conservation Review
GDP	Gross Domestic Product
GEH	Geoffrey E. Havers statistic formula
GHG	Greenhouse Gas
GHGI	UK Greenhouse Gas Inventory
GI	Ground Investigation
GIR	Ground Investigation Report
GIS	Geographical Information System
GLVIA	Guidelines for Landscape and Visual Impact Assessment

Abbreviation	Description
GQRA	Generic Quantitative Risk Assessment
GVA	Gross Value Added
GWDTE	Groundwater Dependent Terrestrial Ecosystems
Ha	Hectare
HADDMS	National Highways' Drainage Data Management System
HAM	Highway Assignment Model
HBIC	Hampshire Biodiversity Information Centre
HCC	Hampshire County Council
HCCILCA	Hampshire County Council Integrated Landscape Character Assessment
HDV	Heavy Duty Vehicle (gross weight greater than 3.5 tonnes)
HER	Historic Environment Record
HEWRAT	Highways England Water Risk Assessment Tool
HgRA	Hydrogeological Risk Assessment
HGV	Heavy Goods Vehicle
HHER	Hampshire Historic Environment Record
HLC	Historic Landscape Character
HPG	Historic Park and Garden
HPI	Habitats of Principal Importance
HRA	Habitats Regulations Assessment
HSE	Health and Safety Executive
HSI	Habitat Suitability Index
IAB	Indicative Application Boundary
IAN	Interim Advice Note
ICE	Institution of Civil Engineers
ID	Identification
IDB	Internal Drainage Board
IEMA	Institute of Environmental Management and Assessment
IMD	Indices of Multiple Deprivation
IMP	Incident Management Plan
IP	Inter peak period
IROPI	Imperative Reasons of Overriding Public Interest
JNCC	Joint Nature Conservation Committee
JSNA	Joint Strategic Needs Assessment
km	Kilometre
KSI	Killed or Seriously Injured
l/s/ha	Litres per second per hectare
LAQM	Local Air Quality Management
LB	Listed Building
LC:RM	Land Contamination: Risk Management
LCA	Landscape Character Area
LCA 1973	Land Compensation Act 1973

Abbreviation	Description
LCT	Landscape Character Type
LDRs	Long Distance Routes
LGV	Light Goods Vehicle
LLFA	Lead Local Flood Authority
LMVR	Local Model Validation Report
LOAEL	Lowest Observed Adverse Effect Level
LoD	Limits of Deviation
LPA	Local Planning Authority
LSOA	Lower Super Output Area
LTP	Local Transport Plan
LULUCF	Land use, land use change and forestry
LVIA	Landscape and Visual Impact Assessment
m	Metres
MCC	Manual Classified Counts
MCTC	Manual Classified Turning Count
ME	Matrix Estimation
MHCLG	Ministry of Housing, Communities and Local Government
MIDAS	Motorway Incident Detection and Automatic Signalling
MMP	Materials Management Plan
MND	Mobile Network Data
mp	Marker Post
MP	Micro Plastics
MSA	Mineral Safeguarding Area
MtCO _{2e}	Million tonnes carbon dioxide equivalent
NAEI	National Atmospheric Emissions Inventory
NAP	National Adaption Programme
NAQO	National Air Quality Objectives
NB	North Bound
NCA	National Character Area
NCN	National Cycle Network
NCR	National Cycle Route
NE	Natural England
NERC	Natural Environment and Rural Communities
NHBC	National House Building Council
NHLE	National Heritage List for England
NHPMS	National Highways Pavement Management System
NHPMS	National Highways Pavement Management System
NIA	Noise Important Area
NIDP	National Infrastructure Delivery Plan
NMM	Network Management Manual
NMP	National Mapping Programme
NMU	Non-motorised Users

Abbreviation	Description
NNR	National Nature Reserve
NO ₂	Nitrogen Dioxide
NOEL	No Observed Effect Level
NOMS	Network Occupancy Management System
NO _x	Oxides of Nitrogen
NPPF	National Planning Policy Framework
NPPG	National Planning Policy Guidance
NPS	National Policy Statement
NPS NN	National Policy Statement for National Networks
NPSE	Noise Policy Statement for England
NPV	Net Present Value
NRMM	Non-Road Mobile Machinery
NSIP	Nationally Significant Infrastructure Project
NTEM	National Trip End Model
NTOC	National Traffic Operational Centre
NTS	Non-technical Summary
NUTS	Nomenclature of Territorial Units for Statistics
NVC	National Vegetation Classification
OD	Origin Destination
OGV	Ordinary Goods Vehicle
OLB	Order Limits Boundary
OLEMP	Outline Landscape and Ecological Management Plan
ONS	Office for National Statistics
OS	Ordnance Survey
PA 2008	Planning Act 2008
PAH	Polyaromatic Hydrocarbons
PAQAP	Project Air Quality Action Plan
PAS	Publicly Available Standard
PCD	Pollution Control Device
PCF	Project Control Framework
PCF	Project Control Framework
PCM	Pollution Climate Mapping
PCU	Passenger Car Unit
PEIR	Preliminary Environmental Information Report
PEIR NTS	Non-Technical Summary to the Preliminary Environmental Information Report
PFRA	Preliminary Flood Risk Assessment
PfSH	Partnership for South Hampshire
PHE	Public Health England
PILs	Persons with an interest in the land
PINS	Planning Inspectorate
PM	Particulate Matter

Abbreviation	Description
PM ₁₀	Particulate matter smaller than 10µm in diameter
PM _{2.5}	Particulate matter smaller than 2.5µm in diameter
PPG	Planning Practice Guidance
PPK	Price per Kilometre
PPM	Price per Minute
PPV	Peak Particle Velocity
PRA	Preliminary Risk Assessment
PRouA	Preferred Route Announcement
PRoW	Public Right of Way
PSSR	Preliminary Sources Study Report
PVB	Present Value Benefits
PVC	Present Value Costs
QMS	Quality and Safety Management Systems
RAMS	Risk Assessments and Method Statements
RBMP	River Basin Management Plan
RCC	Regional Control Centre
RCP	Relevant Concentration Pathway
RCP	Representative Concentration Pathways
RDWE	Road Drainage and the Water Environment
REAC	Register of Environmental Actions and Commitments
RFI	Request for Information
RHPG	Register of Parks and Gardens of Special Historic Interest
RIGS	Regionally Important Geological Sites
RIS	Road Investment Strategy
ROC	Regional Operation Centre
RoFSW	Risk of Flooding from Surface Water
RPA	Root Protection Area
RPG	Registered Park and Garden
RTC	Road Traffic Collision
RTF	Road Traffic Forecasts
RTM	Regional Transport Model
RVEI	Road Verge of Ecological Importance
SAC	Special Area of Conservation
SAR	Standardised Admissions Ratio
SATURN	Strategic Transport Modelling software
SB	South Bound
SDILCA	South Downs Integrated Landscape Character Assessment
SDNP	South Downs National Park
SDNPA	South Downs National Park Authority
SEBs	Statutory Environmental Bodies
SERTM	South East Regional Transport Model

Abbreviation	Description
SFRA	Strategic Flood Risk Assessment
SHMA	Strategic Housing Market Assessment
SHW	Specification for Highways Works
siEMP	Second Iteration Environmental Management Plan
SINC	Site of Importance for Nature Conservation
SIR	Standardised Incidence Ratio
SM	Scheduled Monument
SME	Small to Medium Sized Enterprise
SMI	Smart Motorway Improvements
SMP	Smart Motorway Programme (SMP referred to as 'ALR' in documentation)
SMR	Standardised Mortality Ratio
SOAEL	Significant Observed Adverse Effect Level
SoCC	Statement of Community Consultation
SoCG	Statement of Common Ground
SoS	Secretary of State
SPA	Special Protection Area
SPI	Species of Principal Importance
SPT	Standard Penetration Tests
SPZ	Source Protection Zone
SRN	Strategic Road Network
SRN	Stantec Reference Number
SSSI	Site of Special Scientific Interest
SU	Statutory Undertaker
SuDS	Sustainable Drainage System
SWMP	Site Waste Management Plan
TA	Transport Assessment
TAG	Transport Analysis Guidance
TAR	Technical Appraisal Report
TASCAR	Temporary Automatic Speed Cameras At Roadworks
tCO _{2e}	Tonnes of carbon dioxide equivalent
TCR	Total Core Recovery
TEE	Transport Economic Efficiency
TEEP	Technically, Environmentally or Economically Practicable
TMP	Traffic Management Plan
TPH	Total Petroleum Hydrocarbons
TPO	Tree Preservation Order
TRA	Traffic Reliability Area
TRL	Transport Research Laboratory
TSCO	Traffic Safety and Control Officer
TSM	Traffic Signs Manual
TSRGD	Traffic Signs Regulations and General Directions

Abbreviation	Description
TSS	Total Suspended Solids
TTM	Temporary Traffic Management
TTROs	Temporary Traffic Regulation Orders
TUBA	Transport Users Benefit Analysis
TVERC	Thames Valley Environmental Records Centre
UK	United Kingdom
UKCP18	UK Climate Projections 2018
UL	Uncertainty Log
UNESCO	United Nations Educational, Scientific and Cultural Organisation
UNFCCC	United Nations Framework Convention on Climate Change
UXO	Unexploded Ordnance
V/C	Volume to Cost Ratio
VDM	Variable Demand Model
VfM	Value for Money
VL	View Location
VMS	Variable Message Sign
VOC	Vehicle Operating Costs
VOSA	Vehicle and Operator Services Agency
VRS	Vehicle Restraint System
WAC	Waste Acceptance Criteria
WB	West Bound
WBCSD	World Business Council for Sustainable Development
WCC	Winchester City Council
WCH	Walking, Cycling and Horse-riding
WCHA	Walking, Cycling and Horse-riding Assessment
WEIs	Wider Economic Impacts
WFD	Water Framework Directive
WHER	Winchester Historic Environment Record
WHO	World Health Organisation
WITA	Wider Impacts Transport Assessment Software
WMA	Warm Mix Asphalt
WRI	World Resources Institute
WSI	Written Scheme of Investigation
ZoI	Zone of Influence
ZTV	Zone of Theoretical Visibility

12.1.4 Please see the **Abbreviations and Glossary** in **Chapter 17** of the **ES (Document Reference 6.1)** for specific terminology within the **ES (Document Reference 6.1)**.

Appendix A Application Document Tracker

Application Document Reference	Examination Document Library Reference	Name of Document	Version Number	Document to be Certified (Y/N)	Examination Deadline / Submission Date
Volume 1 – Application Form					
1.1	APP-001	Cover Letter and Section 55 Acceptance of Applications Checklist	0	N	
1.2	APP-002	Application Form	0	N	
1.3	APP-003	Introduction to the Application	0	N	
1.4	APP-004	Electronic Application Index	0	N	
Volume 2 - Plans / Drawings and Sections					
2.1	APP-005	Location Plan	0	N	
2.2	APP-006	Land Plans	0	Y	
2.3	APP-007	Works Plans	0	Y	
2.4	APP-008	Rights of Way and Access Plans	0	Y	
2.5	APP-009	General Arrangement Plans	0	Y	
2.6	APP-010	Engineering Plans and Sections	0	Y	
2.7	APP-011	Structures Plans and Sections	0	Y	
2.8	APP-012	Classification of Road Plans	0	Y	
2.9	APP-013	Speed Limits Plans	0	Y	
2.10	APP-014	De-Trunking Plans	0	Y	
2.11	APP-015	Traffic Regulation Measures Plans	0	Y	
2.12	APP-016	Drainage and Surface Water Plans	0	N	
2.13	APP-017	Protected Trees and Hedgerows to be Removed Plans	0	Y	
2.14	APP-018	Revoking Existing Clearway Orders Plans	0	Y	
Volume 3 - Draft Development Consent Order					

Application Document Reference	Examination Document Library Reference	Name of Document	Version Number	Document to be Certified (Y/N)	Examination Deadline / Submission Date
3.1	AS-004	Draft Development Consent Order	1	N	31 January 2023
3.2	APP-020	Explanatory Memorandum	0	N	
3.3	APP-021	Consents and Agreements Position Statement	0	N	
Volume 4 - Compulsory Acquisition Information					
4.1	AS-005	Statement of Reasons	1	N	31 January 2023
4.2	APP-023	Funding Statement	0	N	
4.3	AS-006	Book of Reference	1	Y	31 January 2023
Volume 5 - Reports / Statements					
5.1	APP-025	Consultation Report	0	N	
5.1	APP-026	Consultation Report Annex 1 – Consultation Compliance Checklist	0	N	
5.1	APP-027	Consultation Report Appendix A - Plan and figures	0	N	
5.1	APP-028	Consultation Report Appendix B - List of consultees	0	N	
5.1	APP-029	Consultation Report Appendix C - Non-statutory engagement	0	N	
5.1	APP-030	Consultation Report Appendix D - 2018 non-statutory consultation	0	N	
5.1	APP-031	Consultation Report Appendix E - EIA scoping	0	N	
5.1	APP-032	Consultation Report Appendix F - 2019 SoCC	0	N	
5.1	APP-033	Consultation Report Appendix G – 2019 consultation	0	N	

Application Document Reference	Examination Document Library Reference	Name of Document	Version Number	Document to be Certified (Y/N)	Examination Deadline / Submission Date
5.1	APP-034	Consultation Report Appendix H - 2019 Section 48 publicity	0	N	
5.1	APP-035	Consultation Report Appendix I - 2021 SoCC	0	N	
5.1	APP-036	Consultation Report Appendix J - 2021 statutory consultation (Part 1 of 2)	0	N	
5.1	APP-037	Consultation Report Appendix J - 2021 statutory consultation (Part 2 of 2)	0	N	
5.1	APP-038	Consultation Report Appendix K - Summary of relevant responses to the 2021 statutory consultation and 2021 targeted consultation	0	N	
5.1	APP-039	Consultation Report Appendix L - 2021 targeted consultation	0	N	
5.1	APP-040	Consultation Report Appendix M - 2022 Scheme update activity	0	N	
5.1	APP-041	Consultation Report Appendix N – 2022 targeted consultation	0	N	
Volume 6 - Environmental Impact Assessment Information					
6.1	APP-042	Environmental Statement Chapter 1 Introduction	0	Y	
6.1	APP-043	Environmental Statement Chapter 2 The Scheme and its Surroundings	0	Y	
6.1	APP-044	Environmental Statement Chapter 3 Assessment of Alternatives	0	Y	
6.1	APP-045	Environmental Statement Chapter 4 Environmental Impact Assessment Methodology	0	Y	
6.1	APP-046	Environmental Statement Chapter 5 Air Quality	0	Y	

Application Document Reference	Examination Document Library Reference	Name of Document	Version Number	Document to be Certified (Y/N)	Examination Deadline / Submission Date
6.1	APP-047	Environmental Statement Chapter 6 Cultural Heritage	0	Y	
6.1		Environmental Statement Chapter 7 Landscape and Visual	1	Y	06 June 2023
6.1	APP-049	Environmental Statement Chapter 8 Biodiversity	0	Y	
6.1	APP-050	Environmental Statement Chapter 9 Geology and Soils	0	Y	
6.1	APP-051	Environmental Statement Chapter 10 Material Assets and Waste	0	Y	
6.1	APP-052	Environmental Statement Chapter 11 Noise and Vibration	0	Y	
6.1	APP-053	Environmental Statement Chapter 12 Population and Human Health	0	Y	
6.1	APP-054	Environmental Statement Chapter 13 Road Drainage and the Water Environment	0	Y	
6.1		Environmental Statement Chapter 14 Climate	1	Y	06 June 2023
6.1	APP-056	Environmental Statement Chapter 15 Cumulative Effects	0	Y	
6.1		Environmental Statement Chapter 16 Summary of Effects	1	Y	06 June 2023
6.1	APP-058	Environmental Statement Chapter 17 Abbreviations and Glossary	0	Y	
6.1	APP-059	Environmental Statement Chapter 18 References	0	Y	
6.2	APP-060	Environmental Statement Chapter 1 Introduction - Figures	0	Y	

Application Document Reference	Examination Document Library Reference	Name of Document	Version Number	Document to be Certified (Y/N)	Examination Deadline / Submission Date
6.2	APP-061	Environmental Statement Chapter 2 The Scheme and its Surroundings - Figures - Part 1 to 4	0	Y	
6.2	APP-062	Environmental Statement Chapter 2 The Scheme and its Surroundings - Figures - Part 2 of 4	0	Y	
6.2	APP-063	Environmental Statement Chapter 2 The Scheme and its Surroundings - Figures - Part 3 of 4	0	Y	
6.2	APP-064	Environmental Statement Chapter 2 The Scheme and its Surroundings - Figures - Part 4 of 4	0	Y	
6.2	APP-065	Environmental Statement Chapter 5 Air Quality – Figures	0	Y	
6.2	APP-066	Environmental Statement Chapter 6 Cultural Heritage – Figures	0	Y	
6.2	APP-067	Environmental Statement Chapter 7 Landscape and Visual - Figures - Part 1 of 3	0	Y	
6.2	APP-068	Environmental Statement Chapter 7 Landscape and Visual - Figures - Part 2 of 3	0	Y	
6.2	APP-069	Environmental Statement Chapter 7 Landscape and Visual - Figures - Part 3 of 3	0	Y	
6.2	APP-070	Environmental Statement Chapter 8 Biodiversity – Figures	0	Y	
6.2	APP-071	Environmental Statement Chapter 9 Geology and Soils – Figures	0	Y	
6.2	APP-072	Environmental Statement Chapter 10 Material Assets and Waste – Figures	0	Y	
6.2	APP-073	Environmental Statement Chapter 11 Noise and Vibration – Figures	0	Y	

Application Document Reference	Examination Document Library Reference	Name of Document	Version Number	Document to be Certified (Y/N)	Examination Deadline / Submission Date
6.2	APP-074	Environmental Statement Chapter 12 Population and Human Health – Figures	0	Y	
6.2	APP-075	Environmental Statement Chapter 13 Road Drainage and the Water Environment - Figures	0	Y	
6.2	APP-076	Environmental Statement Chapter 14 Climate - Figures	0	Y	
6.2	APP-077	Environmental Statement Chapter 15 Cumulative Effects - Figures	0	Y	
6.3	APP-078	Environmental Statement Appendix 1.1 - Competent Expert Evidence	0	Y	
6.3	APP-079	Environmental Statement Appendix 2.1 - Drainage Outfall Methodology Optioneering Report	0	Y	
6.3	APP-080	Environmental Statement Appendix 3.1 – Stage 1 Technical Appraisal Report	0	Y	
6.3	APP-081	Environmental Statement Appendix 3.2 - Scheme Assessment Report	0	Y	
6.3	APP-082	Environmental Statement Appendix 3.3 - Non-motorised User Route Options	0	Y	
6.3	APP-083	Environmental Statement Appendix 4.1 - Major Events Screening Assessment	0	Y	
6.3	APP-084	Environmental Statement Appendix 4.2 - Scoping Comments and Responses	0	Y	
6.3	APP-085	Environmental Statement Appendix 5.1 – Air Quality Modelling Methodology and Verification	0	Y	
6.3	APP-086	Environmental Statement Appendix 5.2 - Human Receptors Backgrounds and Operational Phase Results	0	Y	

Application Document Reference	Examination Document Library Reference	Name of Document	Version Number	Document to be Certified (Y/N)	Examination Deadline / Submission Date
6.3	APP-087	Environmental Statement Appendix 5.3 - Designated Habitats Backgrounds and Operational Phase Results	0	Y	
6.3	APP-088	Environmental Statement Appendix 5.4 - Traffic Data	0	Y	
6.3	APP-089	Environmental Statement Appendix 6.1 - Detailed Cultural Heritage Baseline	0	Y	
6.3	APP-090	Environmental Statement Appendix 6.2 - Geophysical Survey Summary Report	0	Y	
6.3	APP-091	Environmental Statement Appendix 6.3 - Archaeological Evaluation Report	0	Y	
6.3	APP-092	Environmental Statement Appendix 6.4 - Geophysical Survey Report (2019)	0	Y	
6.3	APP-093	Environmental Statement Appendix 6.5 - Geophysical Survey Report (2021)	0	Y	
6.3	APP-094	Environmental Statement Appendix 6.6 – Archaeological Trial Trench Evaluation Report	0	Y	
6.3	APP-095	Environmental Statement Appendix 6.7 – Archaeological Watching Brief	0	Y	
6.3	APP-096	Environmental Statement Appendix 6.8 - Archaeology and Heritage Outline Mitigation Strategy	0	Y	
6.3	APP-097	Environmental Statement Appendix 7.1 - Landscape and Visual Methodology	0	Y	
6.3		Environmental Statement Appendix 7.2 - Landscape Character Baseline	1	Y	06 June 2023
6.3		Environmental Statement Appendix 7.3 - Schedule of Landscape Effects	1	Y	06 June 2023

Application Document Reference	Examination Document Library Reference	Name of Document	Version Number	Document to be Certified (Y/N)	Examination Deadline / Submission Date
6.3	APP-100	Environmental Statement Appendix 7.4 - Schedule of Visual Effects	0	Y	
6.3	APP-101	Environmental Statement Appendix 7.5 – Preliminary Arboricultural Impact Assessment	0	Y	
6.3	APP-102	Environmental Statement Appendix 7.6 - Outline Landscape and Ecological Management Plan	0	Y	
6.3	APP-103	Environmental Statement Appendix 7.7 – Technical Note Lighting Assessment of Gantry Signage	0	Y	
6.3	APP-104	Environmental Statement Appendix 8.1a - Badger Survey Report 2017 - CONFIDENTIAL	0	Y	
6.3	APP-105	Environmental Statement Appendix 8.1b - Bat Activity Survey Report 2017	0	Y	
6.3	APP-106	Environmental Statement Appendix 8.1c - Botanical Survey Report 2017	0	Y	
6.3	APP-107	Environmental Statement Appendix 8.1d - Breeding Bird Community Walkover Survey Report 2017	0	Y	
6.3	APP-108	Environmental Statement Appendix 8.1e - Great Crested Newt Survey Report 2017	0	Y	
6.3	APP-109	Environmental Statement Appendix 8.1f - Hazel Dormouse Survey Report 2018	0	Y	
6.3	APP-110	Environmental Statement Appendix 8.1g - Otter Survey Report 2017 - CONFIDENTIAL	0	Y	
6.3	APP-111	Environmental Statement Appendix 8.1h - Phase 1 Habitat Survey Report 2018	0	Y	
6.3	APP-112	Environmental Statement Appendix 8.1i - Preliminary Bat Roost Assessment Report 2018	0	Y	

Application Document Reference	Examination Document Library Reference	Name of Document	Version Number	Document to be Certified (Y/N)	Examination Deadline / Submission Date
6.3		Environmental Statement Appendix 8.1j - Reptile Survey Report 2017	0	Y	
6.3	APP-114	Environmental Statement Appendix 8.1k - Terrestrial Entomological Walkover Survey Report 2017	0	Y	
6.3	APP-115	Environmental Statement Appendix 8.1l - Water Vole Survey Report 2017	0	Y	
6.3	APP-116	Environmental Statement Appendix 8.1m - Habitat Verification and Orchid Survey 2020	0	Y	
6.3	APP-117	Environmental Statement Appendix 8.1n - Aquatic Ecology Survey Report 2020 - CONFIDENTIAL	0	Y	
6.3	APP-118	Environmental Statement Appendix 8.1o - Terrestrial Invertebrate Survey and Southern Damselfly Habitat Assessment 2020	0	Y	
6.3	APP-119	Environmental Statement Appendix 8.1p - Preliminary Ecological Appraisal: Proposed Deposition Areas and Compound 2020 - CONFIDENTIAL	0	Y	
6.3	APP-120	Environmental Statement Appendix 8.1q - Bat Trapping Survey Report 2021	0	Y	
6.3	APP-121	Environmental Statement Appendix 8.1r - Bat Survey Report 2020	0	Y	
6.3	APP-122	Environmental Statement Appendix 8.1s - Bat Roost Survey Report 2021	0	Y	
6.3	APP-123	Environmental Statement Appendix 8.1t - Water Vole Survey Report 2020	0	Y	
6.3	APP-124	Environmental Statement Appendix 8.1u – Badger Survey Report 2021 - CONFIDENTIAL	0	Y	

Application Document Reference	Examination Document Library Reference	Name of Document	Version Number	Document to be Certified (Y/N)	Examination Deadline / Submission Date
6.3	APP-125	Environmental Statement Appendix 8.1v - Great Crested Newt HSI and eDNA Survey 2021	0	Y	
6.3	APP-126	Environmental Statement Appendix 8.1w - White Helleborine Survey 2021	0	Y	
6.3	APP-127	Environmental Statement Appendix 8.1x – Otter Survey Report 2021 - CONFIDENTIAL	0	Y	
6.3	APP-128	Environmental Statement Appendix 8.1y – Biodiversity Desk Study Report 2021	0	Y	
6.3	APP-129	Environmental Statement Appendix 8.1z - UK Hab Survey Report 2022	0	Y	
6.3	APP-130	Environmental Statement Appendix 8.1z2: White-clawed Crayfish Survey Report	0	Y	
6.3	APP-131	Environmental Statement Appendix 8.2 - Biodiversity Net Gain Assessment Report	0	Y	
6.3	APP-132	Environmental Statement Appendix 8.3 - Assessment of Operational Air Quality Impacts on Biodiversity	0	Y	
6.3	APP-133	Environmental Statement Appendix 9.1 - Phase 1 Ground Conditions Assessment (Part 1 of 2)	0	Y	
6.3	APP-134	Environmental Statement Appendix 9.1 - Phase 1 Ground Conditions Assessment (Part 2 of 2)	0	Y	
6.3	APP-135	Environmental Statement Appendix 9.2 - Agricultural Land Classification and Soil Resources	0	Y	
6.3	APP-136	Environmental Statement Appendix 10.1 - Mineral Safeguarding Area Assessment	0	Y	
6.3	APP-137	Environmental Statement Appendix 11.1 - Construction Activities in Noise and Vibration Assessment	0	Y	

Application Document Reference	Examination Document Library Reference	Name of Document	Version Number	Document to be Certified (Y/N)	Examination Deadline / Submission Date
6.3	APP-138	Environmental Statement Appendix 11.2 - Receptors Affected by Noise from Construction Traffic Diversion Routes	0	Y	
6.3	APP-139	Environmental Statement Appendix 11.3 - Construction Noise Receptors Results	0	Y	
6.3	APP-140	Environmental Statement Appendix 11.4 - Operational Noise Receptors Results	0	Y	
6.3	APP-141	Environmental Statement Appendix 12.1 - Schedule of Population and Human Health Effects	0	Y	
6.3	APP-142	Environmental Statement Appendix 13.1 - Drainage Strategy Report (Part 1 and 2)	0	Y	
6.3	APP-143	Environmental Statement Appendix 13.1 - Drainage Strategy Report (Part 2 and 2)	0	Y	
6.3	APP-144	Environmental Statement Appendix 13.2 - Hydrogeological Risk Assessment	0	Y	
6.3	APP-145	Environment Statement Appendix 13.3 - Chalk Improvement and Stabilisation Technical Note	0	Y	
6.3	APP-146	Environmental Statement Appendix 14.1 - Construction Greenhouse Gas Assessment Calculations	0	Y	
6.3		Environmental Statement Appendix 14.2 - Operational Greenhouse Gas Assessment Calculations	1	Y	06 June 2023
6.3	APP-148	Environmental Statement Appendix 14.3 - Greenhouse Gas Benchmarking	0	Y	
6.3	APP-149	Environmental Statement Appendix 14.4 - Climate Projections Data	0	Y	

Application Document Reference	Examination Document Library Reference	Name of Document	Version Number	Document to be Certified (Y/N)	Examination Deadline / Submission Date
6.3	APP-150	Environmental Statement Appendix 15.1 - Long list of Cumulative Developments	0	Y	
6.3	APP-151	Environmental Statement Appendix 15.2 - Short list of Cumulative Developments	0	Y	
6.4		Non-Technical Summary	1	Y	06 June 2023
Volume 7 - Other Documents					
7.1		Case for the Scheme	1	N	06 June 2023
7.2		National Policy Statement for National Networks Accordance Table	1	N	06 June 2023
7.3		First Iteration Environmental Management Plan	1	Y	06 June 2023
7.4	APP-157	Flood Risk Assessment	0	N	
7.5	APP-158	Habitats Regulations Assessment	0	N	
7.6	APP-159	Statement Relating to Statutory Nuisance	0	N	
7.7	APP-160	Water Framework Directive Assessment	0	N	
7.8	APP-161	Outline Traffic Management Plan	0	Y	
7.9	APP-162	Design and Access Statement	0	N	
7.10		Combined Modelling and Appraisal Report	1	N	06 June 2023
7.11	APP-164	Ground Investigation Report	0	N	
7.12		Progress with Statements of Common Ground	1	N	06 June 2023
7.13		Transport Assessment Report	1	N	06 June 2023

Application Document Reference	Examination Document Library Reference	Name of Document	Version Number	Document to be Certified (Y/N)	Examination Deadline / Submission Date
7.14	APP-167	Equality Impact Assessment	0	N	
Volume 8 – Examination Documents					
8.1		Cover Letter for Deadline 1 (including summary of oral submission)	N/A	N	06 June 2023
8.2		Responses to the Relevant Representations	0	N	06 June 2023
8.3		Accompanied Site Inspection Itinerary	0	N	06 June 2023