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Appendix A

RSA Strategy

A.1 Introduction

Overview

- A.1.1 This document has been produced as an appendix to the Transport Assessment (document reference 7.11) for Norwich to Tilbury (the 'Project'), submitted as part of the Development Consent Order (DCO) application.
- A.1.2 National Grid Electricity Transmission plc ('National Grid') owns and maintains the national high voltage electricity transmission network throughout England and Wales.
- A.1.3 The transmission network connects the power from where it is generated to the regional Distribution Network Operators who then supply businesses and homes.
- A.1.4 National Grid holds the Transmission Licence for England and Wales, and its statutory duty is to develop and maintain an efficient, coordinated and economical system of electricity transmission and to facilitate competition in the generation and supply of electricity, as set out in the Electricity Act 1989.
- A.1.5 National Grid has developed plans for the Project. The Project would support the UK's net zero target through the connection of new low carbon energy generation in East Anglia and by reinforcing the transmission network.
- A.1.6 The Project comprises reinforcement of the transmission network between the existing Norwich Main Substation in Norfolk and Tilbury Substation in Essex, via Bramford Substation, the new East Anglia Connection Node (EACN) Substation and the new Tilbury North Substation.
- A.1.7 The reinforcement is needed because the existing transmission network, even with current upgrading, will not have sufficient capacity for the new renewable energy (a substantial proportion of which would be generated by offshore wind) that is expected to connect to the network over the next 10 years and beyond. Completion of the Project, together with other new reinforcements across the country, will meet this future energy transmission demand both in East Anglia and across the UK.
- A.1.8 The Project is a Nationally Significant Infrastructure Project (NSIP), and National Grid is seeking development consent under statutory procedures set by government. NSIPs are projects of certain types, over a certain size, which are considered by the government to be of national importance, hence permission to build them needs to be given at a national level, by the relevant Secretary of State (in this case the Secretary of State for Energy Security and Net Zero). Instead of applying to the Local Planning Authority for planning permission, the developer must apply to the Planning Inspectorate for a DCO that would grant development consent.
- A.1.9 National Grid has submitted an application for development consent to the Planning Inspectorate. The Examining Authority (consisting of one or more examining inspectors), after a period of public examination, would make their recommendation to the Secretary of State for Energy Security and Net Zero, who in turn would decide on whether development consent should be granted for the Project.

- A.1.10 The Project is identified as critical to delivering a network which supports the clean power pathways for 2030 delivery.

Purpose and Structure of the Document

- A.1.11 To facilitate the construction of the Project, site access points and crossover points are planned from the existing public highway to connect to the proposed temporary haul roads. Highway mitigation measures are also proposed. Construction of the Project is anticipated to take place between 2027 and 2031.
- A.1.12 This report has been produced by Mott MacDonald to summarise the Road Safety Audit (RSA) strategy undertaken during the development of the DCO application for the Project. The Road Safety Audit strategy for the Project is to undertake Stage 1 RSAs of the preliminary designs of the site access points, haul road crossover points, and highway mitigation proposals required for the Project. The strategy has included Local Highway Authority (LHA) and National Highways engagement throughout the process, including obtaining approvals and sign-off of RSA briefs and reports in line with the Design Manual for Roads and Bridges (DMRB) document 'GG 119 Road Safety Audit' (National Highways, 2025).
- A.1.13 Whilst undertaking Road Safety Audits is not a formal legal or technical requirement for DCO submission, given the Project's scale and programme drivers, National Grid have pre-emptively undertaken these. It is expected that Stage 2 RSAs will be undertaken during detailed design, and Stage 3 and Stage 4 RSAs will be undertaken, where applicable, upon substantial completion of each phase or element of the highway works required as part of the Project.
- A.1.14 This report records the RSA1 briefs, RSA1 reports, and RSA1 response reports that have been produced at the time of writing of this report.
- A.1.15 A list of documents and drawings that were submitted for each RSA1 is also provided.

A.2 RSA1 requirements

- A.2.1 The Design Manual for Roads and Bridges (DMRB) document 'GG 119 Road Safety Audit' (National Highways, 2025) explains the circumstances in which RSAs should be completed (for the trunk road and motorway network). It is recognised good practice to follow the requirements outlined in GG 119 for local highway authority road networks as well.
- A.2.2 The Project proposes both temporary and permanent traffic management and physical changes to the highway.
- A.2.3 Paragraph 2.1 of GG 119 states that:
- A.2.4 'Temporary measures that last 6 months or longer in duration are considered to be physical changes to the highway. Examples of such measures include:
- *temporary traffic management*
 - *temporary changes to the highway not associated with the construction of a highway scheme*'.
- A.2.5 As the construction period of the Project is expected to exceed 6 months and proposes temporary traffic management measures and physical changes that will be

in effect for longer than this period, RSAs should be completed for the Project in accordance with DMRB GG 119 (Road Safety Audit) (National Highways, 2025).

- A.2.6 There are various stages of RSA required that are specified within the DMRB, which are summarised in Table A.1.

Table A.1 Stages of road safety audit

Stage	Details
Stage 1	Undertaken after completion of preliminary design.
Stage 2	Undertaken after completion of detailed design.
Combined Stage 1-2	Undertaken after completion of detailed design (if the scheme progressed straight into detailed design).
Interim Stage	Not required, but can be used to supplement Stage 1, 2 and 3 RSAs to flag issues earlier in the design process.
Stage 3	Undertaken after completion of construction.
Stage 4	Monitoring of scheme for min. 12 months post-construction. A Stage 4 RSA report is required if road traffic collisions have been recorded in the vicinity of the scheme over the period of monitoring (12 months).

- A.2.7 The RSAs referred to in this RSA Strategy are RSA1 assessments of the following proposals that have been completed to preliminary design stage:
- Site access points
 - Crossover points
 - UK Power Networks (UKPN) access points
 - Other localised highway mitigation proposals, requiring physical construction works either within the highway or extending into private lands adjacent to the highway.
- A.2.8 There are locations within the highway requiring temporary modifications to the existing street furniture, to accommodate the safe passage of Abnormal Indivisible Loads (AILs) required to deliver large materials to various destinations within the Project, or their return journeys away from the site delivery locations. These specific locations requiring temporary modifications have not been submitted to RSA1.
- A.2.9 Such examples of these modifications are the temporary removal of street furniture comprising post mounted road signs, street lighting columns, pedestrian guard railing, illuminated/non-illuminated road bollards, or central traffic islands / pedestrian refuge islands. These temporary modifications are to be assessed on a case-by-case basis at later stages of detailed design, such as those involving pedestrian refuge islands where crossing distances may lengthen due to removal of central refuge islands.
- A.2.10 Temporary mitigation measures may be proposed at each of these locations, to maintain safety features until such time that the permanent reinstallation of the removed items is appropriate to be carried out. Factors to consider for each site

would include requirements for temporary pedestrian and/or traffic management, and timescale durations of how long the existing features will be removed to accommodate AIL delivery movements.

- A.2.11 No RSA1 has been undertaken for temporary haul road crossover points on private tracks or lanes, as non-highway locations are excluded from the RSA process.

A.3 RSA1 methodology

- A.3.1 The Project proposals span multiple local authorities in the East of England. Prior approvals in principle (AIPs) have been sought out from each 'Overseeing Organisation', the respective LHAs comprising Norfolk County Council, Suffolk County Council, Essex County Council and Thurrock Council, and additionally, National Highways where works interface with their Strategic Road Network (SRN).

RSA1 briefs

- A.3.2 RSA1 briefs were prepared by the 'Design Organisation' (Mott MacDonald, on behalf of National Grid) and geographically divided by Local Highway Authority or National Highways. The briefs outline the scope that the RSA team were commissioned to review.
- A.3.3 In accordance with DMRB GG 119 (National Highways, 2025), each RSA1 brief comprised the following sections:
- **Project summary;** including the Project/report titles, document reference, name and dated signature of author, name and dated signature of approver representative and organisation
 - **General details;** including highway scheme name and road number, type of scheme, stage of RSA required, contact details of the Overseeing Authority (the Local Highway Authority or National Highways), contact details of the Design Organisation, details of the Road Safety Audit Team membership, and terms of reference to be used for the audit (DMRB GG 119)
 - **Scheme details;** including general description of the scheme (the Project) and its objectives, construction programme start and end dates, and construction hours of operation
 - **Design standards** applied to the scheme design (i.e. the DMRB)
 - **Design speeds and existing speed limits;** design speeds used for the preliminary design were based on 85th percentile speed survey data and site-specific constraints to determine the suitable design speed, with the decision making recorded. The existing speed limits are those posted along highways in the locations of the proposals
 - **Existing traffic flows/queues**
 - **Forecast traffic flows**
 - **Pedestrian, cyclist, and equestrian desire lines**
 - **Environmental constraints**
 - **Description of locality and relevant factors which may affect road safety**

- **Collision data analysis;** Historical collision data to cover a minimum 5-year period was purchased from each Local Highway Authority and additionally sourced through desktop studies with data available from the CrashMap (UK Road Safety Map) website (date range between 2018 to 2022) and the DfT Mavric (Department for Transport, Mapping Application for Visualising Road Injury Casualties) website (date range between January 2019 to December 2023)
- **Departures from standards;** where relevant
- **Previous road safety audit stage reports and response reports** (including evidence of agreed actions). This was applicable for only some site access points where a design was developed post RSA (for example, a unidirectional access bellmouth changed to bidirectional access) or where a site access point was audited again as part of wider highway mitigation proposals
- **Strategic decisions**
- **List of included documents and drawings**
- **Checklist** (for completing the RSA brief with sufficient information).

A.3.4 A list of RSA1 briefs produced at the time of writing is shown in Section A.4.

A.3.5 Prior to conducting RSAs, the drafted RSA briefs were issued to the respective Overseeing Organisations for their comment and acceptance. These were then amended where agreed and issued for use by an RSA team.

Table A.2 Summary of personal injury collisions by severity

Region	Link ID	Location	Severity			
			Slight	Serious	Fatal	Total
Norfolk	Link Primary Access Route (PAR) 1	A140 Ipswich Road	0	0	0	0
Norfolk	Link PAR 2	Mangreen Lane	0	0	0	0
Norfolk	Link PAR 3	Stansfield Road / Wymondham Road	2	1	0	3
Norfolk	Link PAR 4	B1113	0	0	0	0
Norfolk	Link PAR 5	Wymondham Road	0	0	0	0
Norfolk	Link PAR 6	Fundenhall Road	0	0	0	0
Norfolk	Link PAR 7	B1134 Station Road / B1134 Long Row	1	0	0	1
Norfolk	Link PAR 8	A1066 / A1066 Victoria Road / A1066 Park Road / A1066 High Road	4	4	0	8
Norfolk	Link PAR 9	A1066 High Road / A1066 Low Road / A1066 Diss Road / A1066 The Street / A1066 Thetford Road / A1066 Hurth Way / A1066 Mundford Road (alternative to PAR 8)	8	6	0	14

Region	Link ID	Location	Severity			
			Slight	Serious	Fatal	Total
Suffolk	Link PAR 10	A143 Old Bury Road	3	2	0	5
Suffolk	Link PAR 11	Lion Road	1	0	0	1
Suffolk	Link PAR 12	B1113 Finningham Road / B1113 Walsham Road	1	0	0	1
Suffolk	Link PAR 13	Wickham Road	1	0	0	1
Suffolk	Link PAR 14	Eastland Lane	0	0	0	0
Suffolk	Link PAR 15	Thornham Road	0	0	0	0
Suffolk	Link PAR 16	A1120 Church Road / A1120 Bell's Lane	1	2	0	3
Suffolk	Link PAR 17	A1120 south of A14 J50	0	0	0	0
Suffolk	Link PAR 18	Mill Lane	2	0	0	2
Suffolk	Link PAR 19	B1113 Needham Road / B1113 Stowmarket Road	1	2	0	3
Suffolk	Link PAR 20	B1113 Bramford Road / B1113 Loraine Way	1	0	0	1
Suffolk	Link PAR 21	Bullen Lane	0	0	0	0
Suffolk	Link PAR 22	A1214 London Road	1	1	0	2
Suffolk	Link PAR 23	A1071	1	0	0	1
Suffolk	Link PAR 24	B1070 (A12 access)	0	0	0	0
Suffolk	Link PAR 25	B1070 Hadleigh Road	0	0	0	0
Essex	Link PAR 26	Ipswich Road	0	0	0	0
Essex	Link PAR 27	Birchwood Road	0	0	0	0
Essex	Link PAR 28	Wick Road / Grove Hill	0	0	0	0
Essex	Link PAR 29	Perry Lane	0	0	0	0
Essex	Link PAR 30	Bentley Road	0	1	0	1
Essex	Link PAR 31	Ardleigh Road / Little Bromley Road	0	0	0	0
Essex	Link PAR 32	Wick Lane	0	0	0	0
Essex	Link PAR 33	Old Ipswich Road	2	1	0	3
Essex	Link PAR 34	Turnpike Close	0	0	0	0
Essex	Link PAR 35	A1341 Via Urbis Romanae	4	0	0	4

Region	Link ID	Location	Severity			
			Slight	Serious	Fatal	Total
Essex	Link PAR 36	A134 Northern Approach Road / A134 Wildeve Avenue / A134 Nayland Road / A134 The Causeway	3	1	0	4
Essex	Link PAR 37	A1124 Halsted Road	2	2	0	4
Essex	Link PAR 38	Mill Road	0	0	0	0
Essex	Link PAR 39	Great Tey Road	0	0	0	0
Essex	Link PAR 40	A120 Colchester Road	9	3	0	12
Essex	Link PAR 41	B1018 Braintree Road / B1018 Witham Road	5	3	2	10
Essex	Link PAR 42	B1389 Hatfield Road	1	2	0	3
Essex	Link PAR 43	Spinks Lane / Highfields Road / Spa Road / Flora Road / Faulkbourne Road / Church Hill	1	4	0	5
Essex	Link PAR 44	A131 Great Notley Bypass / A131 Great Leighs Bypass / A131 Braintree Road	3	1	0	4
Essex	Link PAR 45	B1008 Essex Regiment Way	1	0	0	1
Essex	Link PAR 46	B1008 Braintree Road / B1008 Main Road	1	0	0	1
Essex	Link PAR 47	Chatham Hall Lane	0	0	0	0
Essex	Link PAR 48	Chelmsford Road	0	0	0	0
Essex	Link PAR 49	A414 Three Mile Hill / A1114 London Road	3	0	0	3
Essex	Link PAR 50	A1016 Waterhouse Lane / A1016 Rainsford Lane	9	1	0	10
Essex	Link PAR 51	A1060 Rainsford Road / A1060 Roxwell Road	7	3	0	10
Essex	Link PAR 52	Vicarage road	0	0	0	0
Essex	Link PAR 53	A414 Greenbury Way / A414 Ongar Road	3	0	1	4
Essex	Link PAR 54	B1002 Main Road	1	2	0	3
Essex	Link PAR 55	Wantz Road	0	0	0	0
Essex	Link PAR 56	Ivy Barns Lane	0	0	0	0
Essex	Link PAR 57	Church Lane	0	0	0	0

Region	Link ID	Location	Severity			
			Slight	Serious	Fatal	Total
Essex	Link PAR 58	A176 Noak Hill Rd / A176 Laindon Rd / A129 Southend Rd	9	1	0	10
Essex	Link PAR 59	A129 Sun Street / A129 London Rd / A129 Rayleigh Rd	1	0	0	1
Essex	Link PAR 60	Dunton Rd / Brentwood Rd	1	1	0	2
Essex	Link PAR 61	B148 West Mayne	0	0	0	0
Essex	Link PAR 62	Lower Dunton Rd	0	0	0	0
Thurrock	Link PAR 63	A128 Brentwood Rd	8	1	0	9
Thurrock	Link PAR 64	A1013 Stanford Rd (east of Orsett Cock Roundabout)	1	0	0	1
Thurrock	Link PAR 65	Buckingham Hill Rd	0	0	0	0
Thurrock	Link PAR 66	Brentwood Rd	0	1	0	1
Thurrock	Link PAR 67	A1013 Stanford Rd (west of Orsett Cock Roundabout)	4	0	0	4
Thurrock	Link PAR 68	Heath Rd	0	0	0	0
Thurrock	Link PAR 69	Chadwell Hill	1	0	0	1
Thurrock	Link PAR 70	Linford Rd	0	0	0	0
Thurrock	Link PAR 71	Muckingford Rd	2	2	0	4

RSA1 inspections and reports

- A.3.6 An RSA team was commissioned to carry out the audits as per the scope provided in the RSA1 briefs, which included a site visit by the RSA team during daytime hours for each location identified in the scope.
- A.3.7 The RSA team comprised of one safety audit team leader and one safety audit team member (in accordance with Paragraph 3.1 of DMRB GG 119 (National Highways, 2025)). Both individuals were independent from the highway scheme conception, design, construction, and operation (Paragraph 3.3 of DMRB GG 119).
- A.3.8 All RSA team members submitted professional curriculum vitae (CV) to the relevant Overseeing Organisation to demonstrate sufficient competency and experience prior to undertaking audits. Upon review, the Overseeing Organisation approved all RSA team members and their roles within the audits.
- A.3.9 At the request of the Overseeing Organisation, Specialist Advisor(s) or Observer(s) were brought in for National Highways SRN locations to attend the audit process.
- A.3.10 The RSA team leader was responsible for producing RSA reports upon completion of the audit. In accordance with DMRB GG 119 (National Highways, 2025), each RSA1 report comprised of the following sections:

- **Introduction;** including details of the RSA stage, RSA team members, Specialist Advisor(s) where applicable or Observer(s) where applicable, document reference, terms of reference (DMRB), location of audit, description of the scheme (the Project) and its location and objectives, details of the author and approver of the RSA
- **Site visit records;** including date, time, weather conditions, road surface conditions, traffic conditions, other observations made by the RSA team, and a record of team members who completed the site visit
- **A review of information provided** in the RSA brief and its appended documents
- A Road Safety Audit Decision Log detailing the RSA problems identified and the RSA recommendation for addressing these
- **Location plans and photographs** marked up with references to problems identified by the RSA team.

A.3.11 A list of RSA1 reports produced at the time of writing is shown in Section A.5.

RSA1 response reports

A.3.12 After receipt of each RSA1 report, the Design Organisation produced a corresponding RSA1 response report in collaboration with the Overseeing Organisation (the Local Highway Authority or National Highways).

A.3.13 In accordance with DMRB GG 119 (National Highways, 2025), each RSA1 response report comprised of the following sections:

- **Introduction**
 - **Project details;** including the Project/report titles, document reference, name and dated signature of author, name and dated signature of approver representative and organisation
 - **Overview;** including background information on the Project, a brief description of the preliminary design proposals subjected to the RSA audit, site visit details, the terms of reference used (DMRB) and the document reference of the audit report being responded to
 - **Key personnel;** including details of the Overseeing Organisation, RSA Team, Design Organisation, and Developer/Scheme Promotor
- **Road Safety Audit Decision Log;** including the RSA Problem Ref, RSA Recommendation, Design Organisation Response (either 'Accepted', 'Accepted with alternative solution' or 'Disagree'), Overseeing Organisation Response, Agreed RSA Action (agreed between Design Organisation and Overseeing Organisation)

A.3.14 The log revisits each road safety problem flagged and recommendation provided in the RSA report and records the associated response of the Design Organisation. In accordance with Paragraph 4.16 of GG 119 (National Highways, 2025), one of the following responses was selected:

- ***RSA problem and recommendation accepted***
- ***RSA problem accepted with alternative solution*** (suggested and explained by the Design Organisation)

- ***Disagree with the RSA problem and recommendation*** (with reasoning provided by the Design Organisation for rejecting both).
- A.3.15 The RSA decision log also contains the response of the Overseeing Organisation to each problem, recommendation, and the RSA actions agreed between the Design Organisation and Overseeing Organisation.
- A.3.16 Either the Design Organisation or Overseeing Organisation are responsible for the implementation of the agreed RSA actions. This included changes to proposed temporary traffic management measures (such as temporary speed limit reductions or introduction of signalised crossings) at some locations. As part of the implementation of RSA actions, the preliminary design drawings for these locations were amended to account for these changes post RSA.
- **Organisation Statements**
 - **Drawings and documents referenced;** including details such as reference number, revision and title.
- A.3.17 A list of RSA1 response reports is shown in Section A.6.

Summary of process

- Based on the requirements established in Section A.2, the Design Organisation completed the preliminary design for each location requiring a RSA1
- RSA1 briefs were prepared by the Design Organisation for these locations (GG 119, para 4.2)
- Each RSA1 brief was submitted to the Overseeing Organisation for review and acceptance in principle (GG 119, para 4.3)
- Stakeholder engagement has been held regularly with each Overseeing Organisation (Local Highway Authorities or National Highways) on area-wide proposals prior and during the writing of the RSA1 briefs and development of the preliminary design
- Overseeing Organisations signed and accepted the RSA1 briefs
- Overseeing Organisations reviewed professional CVs of the RSA team and approved its members. The RSA team were independent from the highway scheme conception, design, construction, and operation
- The RSA team completed RSA1s as instructed by the scope in each brief.
- RSA1 reports were produced by the RSA team, which identified problems to be considered by the Design Organisation and Overseeing Organisation
- The RSA team also provided recommendations for each of the RSA problems identified in the above reports. (GG 119, para 4.6 & para 4.7)
- In response to each RSA1 report, the Design Organisation produced a RSA1 response report which reviewed the findings of the RSA team and provided a response to each problem identified (GG 119, paras 4.11 to 4.19)
- The RSA1 response reports were shared with the relevant Overseeing Organisations and to keep a record on file (GG 119, para 4.20)
- After acceptance of RSA1 response reports by the Overseeing Organisation, these were also submitted to the RSA team for their consideration and acceptance of the proposed solutions (responses) to the RSA problems

- Where RSA problems remain unsolved, further Design Organisation input or consideration is to be given
- Remaining problems that are not appropriate to fully mitigate at this stage (such as specific temporary traffic management arrangements, construction materials or site-specific surface water drainage requirements) are to be further addressed in later detailed design stages of the Project which will be subject to Stage 2 Road Safety Audits (RSA2) (Stage 2 detailed design).

A.4 List of RSA1 briefs

- A.4.1 Table A.3 to Table A.9 record the RSA1 briefs produced for the proposed site access points (from Primary Access Routes), temporary haul road crossover points and highway mitigation proposals across their relevant Overseeing Organisation regions.
- A.4.2 A number of locations were situated away from the public highway on private roads/tracks and so were excluded from RSA. A record of these locations has been kept in the RSA1 briefs, RSA1 reports and RSA1 response reports with an accompanying note to explain that these locations were not audited for this reason.
- A.4.3 Some crossover bellmouths and site access points within the Tilbury area of Thurrock were submitted for audit, comprising alternative design options at those locations. These alternative design options were produced to coordinate with the construction of the proposed Lower Thames Crossing (LTC). All alternative design options (i.e. scenarios of 'with LTC' or 'without LTC') were submitted for review in the RSA1 briefs.
- A.4.4 There are a few instances where a repeat RSA1 was undertaken for proposals at certain locations. These were required due to the design development of the Project introducing changes to the proposals. In accordance with DMRB GG 119 (para 4.21) the repeat RSA1s were only concerned with the elements of the scheme that had changed since its previous audit. One such example was amending a site access point from unidirectional access/egress into a bidirectional access, where additional turning movements to/from the site were to be considered during the revised audit.
- A.4.5 Furthermore, through design development, many site access points (bellmouths) and haul road crossover points (bellmouths) have had their reference ID changed between the August 2024 Section 42 (S42) statutory consultation, and the final proposals being submitted within the DCO.
- A.4.6 Where such locations had been audited (RSA1) under their original reference ID (S42) and subsequently renumbered through design development, the RSA1 response reports now refer to both the original reference ID (S42) and DCO reference ID. For example, the site access point proposed on the A1066 High Road, Roydon in Norfolk is referenced as RG-B048 (S42) / RG-B052 (DCO).

Norfolk County Council

Table A.3 NCC RSA1 briefs

Brief ref.	Date of brief	Proposal	Items
107850-MMD-00-XX-REP-D-1722	10/10/2024	Crossover points	44 crossover bellmouths
107850-MMD-00-XX-REP-Z-0294	24/05/2024	Site access points	Nine site access bellmouths
107850-MMD-08-XX-REP-D-1106	25/03/2025	Site access points	One site access bellmouth (repeat RSA1)
107850-MMD-08-XX-REP-D-0313	14/02/2025	Highway mitigation	Wymondham Road

Suffolk County Council

Table A.4 SCC RSA1 briefs

Brief ref.	Date of brief	Proposal	Items
107850-MMD-00-XX-REP-D-1723	10/10/2024	Crossover points	64 crossover bellmouths
107850-MMD-00-XX-REP-Z-0295	24/07/2024	Site access points	21 site access bellmouths
107850-MMD-08-XX-REP-D-1079	25/03/2025	Site access points	Two site access bellmouths (repeat RSA1)
107850-MMD-08-XX-REP-D-1107	25/03/2025	Crossover points and site access	Six crossover bellmouths Three site access bellmouths (new locations)
107850-MMD-08-XX-REP-D-1035	14/02/2025	Highway mitigation	Bullen Lane
107850-MMD-08-XX-REP-D-1036	14/02/2025	Highway mitigation	Major Lane
107850-MMD-08-XX-REP-D-1037	14/02/2025	Highway mitigation	Finningham Road
107850-MMD-08-XX-REP-D-1038	14/02/2025	Highway mitigation	Eastlands Lane / Wickham Road, Finningham
107850-MMD-08-XX-REP-D-1039	14/02/2025	Highway mitigation	Swan Hill Roundabout

Essex County Council

Table A.5 Essex County Council RSA1 briefs

Brief ref.	Date of brief	Proposal	Items
107850-MMD-00-XX-REP-D-1724	24/10/2024	Crossover points and site access points	101 crossover bellmouths One site access bellmouth (Essex North)
107850-MMD-00-XX-REP-X-1725	07/11/2024	Crossover points and site access points	30 crossover bellmouths Three site access bellmouths (Essex South)
107850-MMD-00-XX-REP-Z-0296	24/07/2024	Site access points	23 site access bellmouths (Essex North)
107850-MMD-00-XX-REP-Z-0297	24/07/2024	Site access points	18 site access bellmouths (Essex South)
107850-MMD-08-XX-REP-D-1080	31/03/2025	Site access points	One site access bellmouth (repeat RSA1)
107850-MMD-08-XX-REP-D-1108	31/03/2025	Crossover points and site access points	One crossover bellmouth Six site access bellmouths (new locations)
107850-MMD-08-XX-REP-D-1041	14/02/2025	Highway mitigation	Church Lane, Margaretting
107850-MMD-08-XX-REP-D-1042	14/02/2025	Highway mitigation	Church Road to Old Church Lane, Mountnessing
107850-MMD-08-XX-REP-D-1043	14/02/2025	Highway mitigation	Ivy Barns Lane
107850-MMD-08-XX-REP-D-1044	14/02/2025	Highway mitigation	Ardleigh Road / Bentley Road
107850-MMD-08-XX-REP-D-1046	14/02/2025	Highway mitigation	Wick Lane
107850-MMD-08-XX-REP-D-1048	14/02/2025	Highway mitigation	Brentwood Road

Thurrock Council

Table A.6 Thurrock Council RSA1 briefs

Brief ref.	Date of brief	Proposal	Items
107850-MMD-00-XX-REP-X-1726	07/11/2024	Crossover points and site access points	12 crossover bellmouths Two access bellmouths (including alternative options with or without LTC)
107850-MMD-00-XX-REP-Z-0298	24/05/2024	Site access points	Six access bellmouths

Tilbury North Substation (within Thurrock Council)

Table A.7 Tilbury North RSA1 briefs

Brief ref.	Date of brief	Proposal	Items
107850-MMD-08-XX-REP-D-1049	07/03/2025	Crossover points, site access points and highway mitigation	14 crossover bellmouths 12 site access bellmouths (including alternative options with or without LTC) Highway mitigation for Stanford Road, Brentwood Road, and Hoford Road

UK Power Network (various Local Authorities)

Table A.8 UKPN RSA1 briefs

Brief ref.	Date of brief	Proposal	Items
107850-MMD-08-XX-REP-D-1104	14/03/2025	Crossover points and site access points	Eight crossover bellmouths (Suffolk) Four site access bellmouths (Suffolk)
107850-MMD-08-XX-REP-D-1105	14/03/2025	Crossover points	Eight crossover bellmouths (Essex)

National Highways

Table A.9 National Highways RSA1 briefs

Brief ref.	Date of brief	Proposal	Items
107850-MMD-00-XX-REP-Z-0299	24/07/2024	Site access points	One site access bellmouth
107850-MMD-08-XX-REP-D-1040	14/02/2025	Highway mitigation	A12 Ipswich Road / B1070
107850-MMD-08-XX-REP-D-1020	14/02/2025	Highway mitigation	A120(E) / Bentley Road

A.5 List of RSA1 reports

A.5.1 Table A.10 through Table A.16 list the RSA1 reports (produced by the RSA team) and the associated RSA1 brief.

Norfolk County Council

Table A.10 Norfolk County Council RSA1 reports

Audit ref.	Date of report	Brief ref.	Proposal	Items
406395HV-TPN-TMS-246-A	01/11/2024	107850-MMD-00-XX-REP-D-1722	Crossover points	44 crossover bellmouths
406395HQ-TPN-TMS-234-A	27/08/2024	107850-MMD-00-XX-REP-Z-0294	Site access points	Nine access bellmouths
406395IF-TPN-TMS-274-A	02/05/2025	107850-MMD-08-XX-REP-D-1106	Site access points	One access bellmouth (repeat RSA1)
406395IA-TPN-TMS-254-A	14/03/2025	107850-MMD-08-XX-REP-D-0313	Highway mitigation	Wymondham Road

Suffolk County Council

Table A.11 Suffolk County Council RSA1 reports

Audit ref.	Date of report	Brief ref.	Proposal	Items
406395HV-TPN-TMS-247-A	07/01/2025	107850-MMD-00-XX-REP-D-1723	Crossover points	64 crossover bellmouths
406395HQ-TPN-TMS-235-B	11/07/2025	107850-MMD-00-XX-REP-Z-0295	Site access points	21 access bellmouths
406395IF-TPN-TMS-275-A	02/05/2025	107850-MMD-08-XX-REP-D-1079	Site access points	Two access bellmouths (repeat RSA1)
406395IF-TPN-TMS-277-A	14/05/2025	107850-MMD-08-XX-REP-D-1107	Site access points	Six crossover bellmouths Three access bellmouths (new locations)

Audit ref.	Date of report	Brief ref.	Proposal	Items
406395IA-TPN-TMS-255-A	14/03/2025	107850-MMD-08-XX-REP-D-1035	Highway mitigation	Bullen Lane
406395IA-TPN-TMS-256-A	14/03/2025	107850-MMD-08-XX-REP-D-1036	Highway mitigation	Major Lane
406395IA-TPN-TMS-257-A	14/03/2025	107850-MMD-08-XX-REP-D-1037	Highway mitigation	Finningham Road
406395IA-TPN-TMS-258-A	14/03/2025	107850-MMD-08-XX-REP-D-1038	Highway mitigation	Eastlands Lane / Wickham Road
406395IA-TPN-TMS-259-A	28/03/2025	107850-MMD-08-XX-REP-D-1039	Highway mitigation	Swan Hill Roundabout

Essex County Council

Table A.12 Essex County Council RSA1 reports

Audit ref.	Date of report	Brief ref.	Proposal	Items
406395HV-TPN-TMS-248-A	12/12/2024	107850-MMD-00-XX-REP-D-1724	Crossover points and site access points	101 crossover bellmouths One access bellmouth (Essex North)
406395HV-TPN-TMS-249-A	12/12/2024	107850-MMD-00-XX-REP-X-1725	Crossover points and site access points	30 crossover bellmouths Three access bellmouths (Essex South)
406395HQ-TPN-TMS-236-B	11/07/2025	107850-MMD-00-XX-REP-Z-0296	Site access points	23 access bellmouths (Essex North)
406395HQ-TPN-TMS-237-A	27/08/2024	107850-MMD-00-XX-REP-Z-0297	Site access points	18 access bellmouths (Essex South)
406395IF-TPN-TMS-276-A	31/03/2025	107850-MMD-08-XX-REP-D-1080	Site access points	One access bellmouth (repeat RSA1)

Audit ref.	Date of report	Brief ref.	Proposal	Items
406395IF-TPN-TMS-278-A	16/05/2025	107850-MMD-08-XX-REP-D-1108	Crossover points and site access points	One crossover bellmouth Six access bellmouths (new locations)
406395IA-TPN-TMS-261-A	14/04/2025	107850-MMD-08-XX-REP-D-1041	Highway mitigation	Church Lane, Margaretting
406395IA-TPN-TMS-262-A	14/04/2025	107850-MMD-08-XX-REP-D-1042	Highway mitigation	Old Church Lane, Mountnessing
406395IA-TPN-TMS-263-A	14/04/2025	107850-MMD-08-XX-REP-D-1043	Highway mitigation	Ivy Barns Lane
406395IA-TPN-TMS-264-A	03/04/2025	107850-MMD-08-XX-REP-D-1044	Highway mitigation	Ardleigh Road / Bentley Road
406395IA-TPN-TMS-266-A	03/04/2025	107850-MMD-08-XX-REP-D-1046	Highway mitigation	Wick Lane
406395IA-TPN-TMS-267-A	14/04/2025	107850-MMD-08-XX-REP-D-1048	Highway mitigation	Brentwood Road

Thurrock Council

Table A.13 Thurrock Council RSA1 reports

Audit ref.	Date of report	Brief ref.	Proposal	Items
406395HV-TPN-TMS-250-A	11/05/2025	107850-MMD-00-XX-REP-X-1726	Crossover points and site access points	12 crossover bellmouths Two access bellmouths (including alternative options with or without LTC)
406395HQ-TPN-TMS-238-A	27/08/2024	107850-MMD-00-XX-REP-Z-0298	Site access points	Six access bellmouths

Tilbury North Substation (within Thurrock Council)

Table A.14 Tilbury North RSA1 reports

Audit ref.	Date of report	Brief ref.	Proposal	Items
406395IC-TPN-TMS-270-A	09/04/2025	107850-MMD-08-XX-REP-D-1049	Crossover points, site access points and highway mitigation	14 crossover bellmouths 12 access bellmouths (including alternative options with or without LTC) Highway mitigation for Stanford Road, Brentwood Road, and Hoford Road

UK Power Network (various Local Authorities)

Table A.15 UKPN RSA1 reports

Audit ref.	Date of report	Brief ref.	Proposal	Items
406395ID-TPN-TMS-282-A	30/04/2025	107850-MMD-08-XX-REP-D-1104	Crossover points and site access points	Eight crossover bellmouths (Suffolk) Four access bellmouths (Suffolk)
406395ID-TPN-TMS-271-A	23/04/2025	107850-MMD-08-XX-REP-D-1105	Crossover points	Eight crossover bellmouths (Essex)

National Highways

Table A.16 National Highways RSA1 reports

Audit ref.	Date of report	Brief ref.	Proposal	Items
406395HQ-TPN-TMS-239-A	27/08/2024	107850-MMD-00-XX-REP-Z-0299	Site access points	One access bellmouth
406395IA-TPN-TMS-260-A	14/04/2025	107850-MMD-08-XX-REP-D-1040	Highway mitigation	A12 Ipswich Road / B1070
406395IA-TPN-TMS-265-A	14/05/2025	107850-MMD-08-XX-REP-D-1020	Highway mitigation	A120(E) / Bentley Road

A.6 List of RSA1 response reports

- A.6.1 Tables Table A.17 to Table A.23 record the RSA1 response reports produced to address the audit problems raised by the RSA team. These reports were issued to Overseeing Organisations for review and their acceptance. This process is ongoing and so the 'Overseeing Organisation response date' details have not been included in the tables that follow.
- A.6.2 As discussed in Section 0, the Design Organisation could respond in one of three ways:
- Accepting the RSA problem and recommendation
 - Accepting the RSA problem with an alternative solution
 - Disagreeing with the RSA problem and recommendation.
- A.6.3 Through design development, some of the proposals were removed from the design after the production of the RSA1 reports. Where this has occurred, a response is no longer necessary and has been noted in the RSA1 response report.

Norfolk County Council

Table A.17 Norfolk County Council RSA1 responses

RSA1 response ref.	RSA1 response date	Overseeing Organisation response date	Audit ref.	Proposal	Items
107850-MMD-08-XX-REP-D-1124	04/07/2025		406395HV-TPN-TMS-246-A	Crossover points	44 crossover bellmouths
107850-MMD-08-XX-REP-D-1117	11/07/2025		406395HQ-TPN-TMS-234-A	Site access points	9 access bellmouths
107850-MMD-08-XX-REP-D-1117	11/07/2025		406395IF-TPN-TMS-274-A	Site access points	1 access bellmouth (repeat RSA1)
107850-MMD-08-XX-REP-D-1183	17/07/2025		406395IA-TPN-TMS-254-A	Highway mitigation	Wymondham Road

Suffolk County Council

Table A.18 Suffolk County Council RSA1 responses

RSA1 response ref.	RSA1 response date	Overseeing Organisation response date	Audit ref.	Proposal	Items
107850-MMD-08-XX-REP-D-1125	04/07/2025		406395HV-TPN-TMS-247-A	Crossover points	64 crossover bellmouths
107850-MMD-08-XX-REP-D-1118	11/07/2025		406395HQ-TPN-TMS-235-B	Site access points	21 access bellmouths
107850-MMD-08-XX-REP-D-1118	11/07/2025		406395IF-TPN-TMS-275-A	Site access points	2 access bellmouths (repeat RSA1)

RSA1 response ref.	RSA1 response date	Overseeing Organisation response date	Audit ref.	Proposal	Items
107850-MMD-08-XX-REP-D-1145	21/07/2025		406395IF-TPN-TMS-277-A	Site access points	6 crossover bellmouths 3 access bellmouths (new locations)
107850-MMD-08-XX-REP-D-1184	17/07/2025		406395IA-TPN-TMS-255-A	Highway mitigation	Bullen Lane
107850-MMD-08-XX-REP-D-1185	18/07/2025		406395IA-TPN-TMS-256-A	Highway mitigation	Major Lane
107850-MMD-08-XX-REP-D-1186	17/07/2025		406395IA-TPN-TMS-257-A	Highway mitigation	Finningham Road
107850-MMD-08-XX-REP-D-1187	17/07/2025		406395IA-TPN-TMS-258-A	Highway mitigation	Eastlands Lane / Wickham Road
107850-MMD-08-XX-REP-D-1188	17/07/2025		406395IA-TPN-TMS-259-A	Highway mitigation	Swan Hill Roundabout

Essex County Council

Table A.19 Essex County Council RSA1 responses

RSA1 response ref.	RSA1 response date	Overseeing Organisation response date	Audit ref.	Proposal	Items
107850-MMD-08-XX-REP-D-1126	04/07/2025		406395HV-TPN-TMS-248-A	Crossover points and site access points	101 crossover bellmouths 1 access bellmouth (Essex North)
107850-MMD-08-XX-REP-D-1127	15/07/2025		406395HV-TPN-TMS-249-A	Crossover points and site access points	30 crossover bellmouths 3 access bellmouths (Essex South)
107850-MMD-08-XX-REP-D-1115	11/07/2025		406395HQ-TPN-TMS-236-B	Site access points	23 access bellmouths (Essex North)
107850-MMD-08-XX-REP-D-1116	11/07/2025		406395HQ-TPN-TMS-237-A	Site access points	18 access bellmouths (Essex South)
107850-MMD-08-XX-REP-D-1116	11/07/2025		406395IF-TPN-TMS-276-A	Site access points	1 access bellmouth (repeat RSA1)
107850-MMD-08-XX-REP-D-1144	18/07/2025		406395IF-TPN-TMS-278-A	Crossover points and site access	1 crossover bellmouth 6 access bellmouths (new locations)
107850-MMD-08-XX-REP-D-1190	17/07/2025		406395IA-TPN-TMS-261-A	Highway mitigation	Church Lane

RSA1 response ref.	RSA1 response date	Overseeing Organisation response date	Audit ref.	Proposal	Items
107850-MMD-08-XX-REP-D-1191	17/07/2025		406395IA-TPN-TMS-262-A	Highway mitigation	Old Church Lane
107850-MMD-08-XX-REP-D-1192	16/07/2025		406395IA-TPN-TMS-263-A	Highway mitigation	Ivy Barns Lane
107850-MMD-08-XX-REP-D-1193	21/07/2025		406395IA-TPN-TMS-264-A	Highway mitigation	Ardleigh Road / Bentley Road
107850-MMD-08-XX-REP-D-1196	16/07/2025		406395IA-TPN-TMS-266-A	Highway mitigation	Wick Lane
107850-MMD-08-XX-REP-D-1198	16/07/2025		406395IA-TPN-TMS-267-A	Highway mitigation	Brentwood Road

Thurrock Council

Table A.20 Thurrock Council RSA1 responses

RSA1 response ref.	RSA1 response date	Overseeing Organisation response date	Audit ref.	Proposal	Items
107850-MMD-08-XX-REP-D-1128	04/07/2025		406395HV-TPN-TMS-250-A	Crossover points and site access points	12 crossover bellmouths 2 access bellmouths (including alternative options with or without LTC)
107850-MMD-08-XX-REP-D-1119	11/07/2025		406395HQ-TPN-TMS-238-A	Site access points	6 access bellmouths

Tilbury North Substation (within Thurrock Council)

Table A.21 Tilbury North RSA1 responses

RSA1 response ref.	RSA1 response date	Overseeing Organisation response date	Audit ref.	Proposal	Items
107850-MMD-08-XX-REP-D-1050	21/07/2025		406395IC-TPN-TMS-270-A	Crossover points, site access points and highway mitigation	14 crossover bellmouths 12 access bellmouths (including alternative options with or without LTC) Highway mitigation for Stanford Road, Brentwood Road, and Hoford Road

UK Power Network (various Local Authorities)

Table A.22 UKPN RSA1 responses

RSA1 response ref.	RSA1 response date	Overseeing Organisation response date	Audit ref.	Proposal	Items
107850-MMD-08-XX-REP-D-1090	15/07/2025		406395ID-TPN-TMS-282-A	Crossover points and site access points	8 crossover bellmouths (Suffolk) 4 access bellmouths (Suffolk)
107850-MMD-08-XX-REP-D-1089	15/07/2025		406395ID-TPN-TMS-271-A	Crossover points	8 crossover bellmouths (Essex)

National Highways

Table A.23 National Highways RSA1 responses

RSA1 response ref.	RSA1 response date	Overseeing Organisation response date	Audit ref.	Proposal	Items
107850-MMD-08-XX-REP-D-1114	11/07/2025		406395HQ-TPN-TMS-239-A	Site access points	1 access bellmouth
107850-MMD-08-XX-REP-D-1189	16/07/2025		406395IA-TPN-TMS-260-A	Highway mitigation	A12 Ipswich Road / B1070
107850-MMD-08-XX-REP-D-1195	21/07/2025		406395IA-TPN-TMS-265-A	Highway mitigation	A120(E) / Bentley Road

A.7 List of documents and drawings

- A.7.1 Table A.24 through Table A.31 record the documents and drawings submitted during the RSA1 process (appended to the RSA1 briefs). For repeat RSAs, the original RSA1 report (containing the location to be re-audited) was also appended to repeat RSA1 briefs.

List of additional documents

Table A.24 RSA1 additional documents

Document ref.	Document title
AENC-NG-ENG-PLN-0001	Draft Outline Construction Traffic Management Plan
AENC-NG-ENV-REP-0004	Code of Construction Practice (CoCP) Annex B – Public Rights of Way Management Strategy

Drawings: Norfolk County Council

Table A.25 Norfolk County Council RSA1 drawings

Audit ref.	Drawing no.	Description	Location
406395HV-TPN-TMS-246-A	107850-MMD-00-XX-D-DWG-0202	Bellmouth Arrangement Details and Vehicle Tracking – Crossover	<i>Location not applicable</i>
	107850-MMD-08-XX-DWG-D-1656	RSA Stage 1 Haul Road Crossing Points – Master Key Plan	<i>Location not applicable</i>
	107850-MMD-08-XX-DWG-D-1438	RG-B002 & RG-B003 (S42/DCO)	Church Road, Swainsthorpe
	107850-MMD-08-XX-DWG-D-1439	RG-B004 & RG-B005 (S42/DCO)	Brick Kiln Lane, Mulbarton
	107850-MMD-08-XX-DWG-D-1440	RG-B006 & RG-B007 (S42/DCO)	Long Lane, Bracon Ash
	107850-MMD-08-XX-DWG-D-1441	RG-B008 & RG-B009 (S42/DCO)	Flordon Road, Bracon Ash
	107850-MMD-08-XX-DWG-D-1442	RG-B014 & RG-B015 (S42/DCO)	Hurn Lane, Tacolneston

Audit ref.	Drawing no.	Description	Location
	107850-MMD-08-XX-DWG-D-1443	RG-B016 & RG-B017 (S42/DCO)	Cheney's Lane, Tacolneston
	107850-MMD-08-XX-DWG-D-1444	RG-B018 & RG-B019 (S42/DCO)	Northfield Road, Forncett St Peter
	107850-MMD-08-XX-DWG-D-1445	RG-B020 & RG-B021 (S42/DCO)	Long Stratton Road, Forncett St Peter
	107850-MMD-08-XX-DWG-D-1446	RG-B022 & RG-B023 (S42) / RG-B024 & RG-B025 (DCO)	Tabernacle Lane, Forncett St Peter
	107850-MMD-08-XX-DWG-D-1448	RG-B026 & RG-B027 (S42) / RG-B030 & RG-B031 (DCO)	Low Common, Bunwell
	107850-MMD-08-XX-DWG-D-1450	RG-B030 & RG-B031 (S42) / RG-B034 & RG-B035 (DCO)	Mill Road, Tibenham
	107850-MMD-08-XX-DWG-D-1451	RG-B032 & RG-B033 (S42) / RG-B036 & RG-B037 (DCO)	Black Barn Road, Thornham
	107850-MMD-08-XX-DWG-D-1453	RG-B038 & RG-B039 (S42) / RG-B042 & RG-B043 (DCO)	Heywood Road, Winfarthing
	107850-MMD-08-XX-DWG-D-1454	RG-B040 & RG-B041 (S42) / RG-B044 & RG-B045 (DCO)	Heywood Road, Shelfanger
	107850-MMD-08-XX-DWG-D-1455	RG-B042 & RG-B043 (S42) / RG-B046 & RG-B047 (DCO)	B1077 Shelfanger Road, Heywood
	107850-MMD-08-XX-DWG-D-1458	RG-B044 & RG-B045 (S42) / RG-B048 & RG-B049 (DCO)	Darrow Lane, Roydon
	107850-MMD-08-XX-DWG-D-1459	RG-B046 & RG-B047 (S42) / RG-B050 & RG-B051 (DCO)	Bressingham Road, Roydon
	107850-MMD-08-XX-DWG-D-1460	RG-B050 & RG-B051 (S42) / RG-B054 & RG-B055 (DCO)	Fen Lane, Roydon

Audit ref.	Drawing no.	Description	Location
406395HQ-TPN-TMS-234-A	107850-MMD-08-XX-DWG-D-1461	RG-B052 & RG-B053 (S42) / RG-B056 & RG-B057 (DCO)	Doit Lane / The Doit, Roydon
	AENC-NG-ENG-DWG-0002	S.42 Consultation Typical Access Bellmouth and Visibility Splay	<i>Location not applicable</i>
	107850-MMD-07-XX-DWG-D-1011	RG-B001 (S42/DCO)	Mangreen, Dunston
	107850-MMD-07-XX-DWG-D-1026	RG-B010 (S42/DCO)	Wymondham Road, Bracon Ash / Flordon
	107850-MMD-07-XX-DWG-D-1027	RG-B011 (S42/DCO)	Wymondham Road, Bracon Ash / Flordon
	107850-MMD-07-XX-DWG-D-1051	RG-B012 (S42/DCO)	Hapton Road / B1135 Fundenhall Road, Ashwellthorpe / Fundenhall
	107850-MMD-07-XX-DWG-D-1052	RG-B013 (S42/DCO)	Hapton Road / B1135 Fundenhall Road, Ashwellthorpe / Fundenhall
	107850-MMD-07-XX-DWG-D-1081	RG-B034 (S42) / RG-B038 (DCO)	B1134 Long Row, Tibenham
	107850-MMD-07-XX-DWG-D-1082	RG-B035 (S42) / DRG-B039 (DCO)	B1134 Long Row, Tibenham
	107850-MMD-07-XX-DWG-D-1111	RG-B048 (S42) / RG-B052 (DCO) <i>(this drawing was re-audited)</i>	A1066 High Road, Roydon
	108750-MMD-07-XX-DWG-D-1112	RG-B049 (S42) / RG-B053 (DCO)	A1066 High Road, Roydon
406395IF-TPN-TMS-274-A	107850-MMD-07-XX-DWG-D-1111	RG-B048 (S42) / RG-B052 (DCO) <i>(repeat RSA1)</i>	A1066 High Road, Roydon
406395IA-TPN-TMS-254-A	07850-MMD-08-XX-DWG-D-1898	Highway Mitigation Plan – Wymondham Road (Sheet 1 of 1)	Wymondham Road, Bracon Ash / Flordon

Drawings: Suffolk County Council

Table A.26 Suffolk County Council RSA1 drawings

Audit ref.	Drawing no.	Description	Location
406395HV-TPN-TMS-247-A	107850-MMD-00-XX-D-DWG-0202	Bellmouth Arrangement Details and Vehicle Tracking – Crossover	<i>Location not applicable</i>
	107850-MMD-08-XX-DWG-D-1656	RSA Stage 1 Haul Road Crossing Points – Master Key Plan	<i>Location not applicable</i>
	107850-MMD-08-XX-DWG-D-1468	RG-B054 & RG-B055 (S42) / RG-B058 & RG-B059 (DCO)	Ling Road, Palgrave
	107850-MMD-08-XX-DWG-D-1469	RG-B057 & RG-B058 (S42) / RG-B060 & RG-B061 (DCO)	Millway Lane, Palgrave
	107850-MMD-08-XX-DWG-D-1470	RG-B062 & RG-B063 (S42) / RG-B068 & RG-B069 (DCO)	Mellis Road, Gislingham
	107850-MMD-08-XX-DWG-D-1471	RG-B064 & RG-B065 (S42) / RG-B070 & RG-B071 (DCO)	Burgate Road, Burgate
	107850-MMD-08-XX-DWG-D-1472	RG-B066 & RG-B067 (S42) / RG-B072 & RG-B073 (DCO)	Burgate Road, Gislingham
	107850-MMD-08-XX-DWG-D-1473	RG-B068 & RG-B069 (S42) / RG-B074 & RG-B075 (DCO)	Mellis Road, Gislingham
	107850-MMD-08-XX-DWG-D-1474	RG-B075 & RG-B076 (S42) / RG-B081 & RG-B082 (DCO)	Lane off Wickham Road and Wickham Corner, Cotton / Wickham Skeith
	107850-MMD-08-XX-DWG-D-1475	RG-B077 & RG-B078 (S42) / RG-B083 & RG-B084 (DCO)	Mendlesham Road / Cotton Road, Mendlesham
	107850-MMD-08-XX-DWG-D-1477	RG-B081 & RG-B082 (S42) / RG-B087 & RG-B088 (DCO)	Lambert's Lane, Rushmere St Andrew

Audit ref.	Drawing no.	Description	Location
	107850-MMD-08-XX-DWG-D-1478	RG-B083 & RG-B084 (S42) / RG-B089 & RG-B090 (DCO)	Unnamed road off Cay Hill, Gipping / Mendlesham
	107850-MMD-08-XX-DWG-D-1479	RG-B085 & RG-B086 (S42) / RG-B091 & RG-B092 (DCO)	Debenham Lane, Stowupland
	107850-MMD-08-XX-DWG-D-1481	RG-B095 & RG-B096 (S42) / RG-B101 & RG-B102 (DCO)	Hascot Hill, Needham Market
	107850-MMD-08-XX-DWG-D-1482	RG-B097 & RG-B098 (S42) / RG-B103 & RG-B104 (DCO)	B1078 Ringshall Road, Needham Market
	107850-MMD-08-XX-DWG-D-1483	RG-B099 & RG-B100 (S42) / RG-B105 & RG-B106 (DCO)	Holly Road, Willisham
	107850-MMD-08-XX-DWG-D-1484	RG-B101 & RG-B102 (S42) / RG-B107 & RG-B108 (DCO)	Bildeston Road, Offton
	107850-MMD-08-XX-DWG-D-1485	RG-B103 & RG-B104 (S42) / RG-B109 & RG-B110 (DCO)	Offton Road, Somersham
	107850-MMD-08-XX-DWG-D-1497	RG-B105 & RG-B106 (S42) / RG-B111 & RG-B112 (DCO)	Blood Hill, Somersham
	107850-MMD-08-XX-DWG-D-1498	RG-B107 & RG-B108 (S42) / RG-B113 & RG-B114 (DCO)	Flowton Road, Bramford
	107850-MMD-08-XX-DWG-D-1499	RG-B109 & RG-B110 (S42) / RG-B115 & RG-B116 (DCO)	Tye Lane, Bramford
	107850-MMD-08-XX-DWG-D-1500	JC-B002 & JC-B003 (S42/DCO)	Burstall Lane, Sproughton
	107850-MMD-08-XX-DWG-D-1501	JC-B007 & JC-B008 (S42/DCO)	Pigeons Lane, Copdock and Washbrook
	107850-MMD-08-XX-DWG-D-1502	JC-B009 & JC-B010 (S42/DCO)	Chattisham Road, Copdock and Washbrook

Audit ref.	Drawing no.	Description	Location
	107850-MMD-08-XX-DWG-D-1504	JC-B014 & JC-B015 (S42/DCO)	Acacia Road, Raydon
	107850-MMD-08-XX-DWG-D-1505	JC-B019 & JC-B020 (S42) / RG-B018 & RG-B019 (DCO)	Raydon Road, Holton St Mary
	107850-MMD-08-XX-DWG-D-1506	JC-B021 & JC-B022 (S42) / RG-B020 & RG-B021 (DCO)	Sandpits Lane, Holton St Mary
	107850-MMD-08-XX-DWG-D-1507	JC-B023 & JC-B024 (S42/DCO)	B1068 Holtonwood Road, Holton St Mary
	107850-MMD-08-XX-DWG-D-1508	JC-B025 & JC-B026 (S42/DCO)	Green Lane, Babergh / Higham
	107850-MMD-08-XX-DWG-D-1509	JC-B027 & JC-B028 (S42/DCO)	Higham Road, Babergh / Higham
	AENC-NG-ENG-DWG-0002	S.42 Consultation Typical Access Bellmouth and Visibility Splay	<i>Location not applicable</i>
	107850-MMD-07-XX-DWG-D-1141	RG-B059 (S42) / RG-B062 (DCO)	Lion Road, Palgrave
	107850-MMD-07-XX-DWG-D-1142	RG-B060 (S42) / RG-B063 (DCO)	Lion Road, Palgrave
406395HQ-TPN-TMS-235-B	107850-MMD-07-XX-DWG-D-1143	RG-B061 (S42) / RG-B065 (DCO)	A143 Old Bury Road, Palgrave
	107850-MMD-07-XX-DWG-D-1171	RG-B070 (S42) / RG-B076 (DCO)	Major Lane / Thornham Road, Gislingham
	107850-MMD-07-XX-DWG-D-1172	RG-B071 (S42) / RG-B077 (DCO)	Major Lane / Thornham Road, Gislingham
	107850-MMD-07-XX-DWG-D-1173	RG-B072 (S42) / RG-B078 (DCO)	Major Lane / Thornham Road, Gislingham
	107850-MMD-07-XX-DWG-D-1174	RG-B073 (S42) / RG-B079 (DCO)	Eastlands Lane, Finningham
	107850-MMD-07-XX-DWG-D-1175	RG-B074 (S42) / RG-B080 (DCO)	Wickham Road, Finningham

Audit ref.	Drawing no.	Description	Location
	107850-MMD-07-XX-DWG-D-1201	RG-B087 (S42) / RG-B093 (DCO)	A1120 Bells Lane, Stowupland
	107850-MMD-07-XX-DWG-D-1202	RG-B088 (S42) / RG-B094 (DCO)	A1120 Bells Lane, Stowupland
	107850-MMD-07-XX-DWG-D-1221	RG-B089 (S42) / RG-B095 (DCO)	Mill Lane, Creeting St Peter / West Creeting
	107850-MMD-07-XX-DWG-D-1222	RG-B090 (S42) / RG-B096 (DCO)	Mill Lane, Creeting St Peter / West Creeting
	107850-MMD-07-XX-DWG-D-1236	RG-B091 (S42) / RG-B097 (DCO)	B1113 Stowmarket Road, Badley
	107850-MMD-07-XX-DWG-D-1237	RG-B092 (S42) / RG-B098 (DCO)	B1113 Stowmarket Road, Badley
	107850-MMD-03-XX-DWG-D-1256	JC-B001 (S42/DCO)	Bullen Lane, Bramford
	107850-MMD-03-XX-DWG-D-1291	JC-B004 (S42/DCO) <i>(this drawing was re-audited)</i>	A1071 Hurdle Makers Hill, Burstall
	107850-MMD-03-XX-DWG-D-1292	JC-B005 (S42/DCO) <i>(this drawing was re-audited)</i>	A1071 Hurdle Makers Hill, Burstall
	107850-MMD-03-XX-DWG-D-1293	JC-B006 (S42/DCO)	A1071 Thorpe's Hill, Hintlesham
	107850-MMD-03-XX-DWG-D-1351	JC-B016 (S42) <i>(this drawing was removed from the proposals post RSA1)</i>	Acacia Road, Raydon (Notley Enterprise Park)
	107850-MMD-03-XX-DWG-D-1352	JC-B017 (S42) / JC-B016 (DCO)	B1070, Holton St Mary
	107850-MMD-03-XX-DWG-D-1353	JC-B018 (S42) / JC-B017 (DCO)	B1070, Holton St Mary

Audit ref.	Drawing no.	Description	Location
406395IF-TPN-TMS-275-A	107850-MMD-03-XX-DWG-D-1291	JC-B004 (S42/DCO) (repeat RSA1)	A1071 Hurdle Makers Hill, Burstall
	107850-MMD-03-XX-DWG-D-1292	JC-B005 (S42/DCO) (repeat RSA1)	A1071 Hurdle Makers Hill, Burstall
406395IF-TPN-TMS-277-A	107850-MMD-08-XX-DWG-D-1294	RG-B064 (DCO)	Old Bury Road, Palgrave
	107850-MMD-03-XX-DWG-D-1305	JC-B013 (DCO)	Bottle Bridge Road, Wenham
	107850-MMD-03-XX-DWG-D-1321	JC-B022 (DCO)	B1070 Hadleigh Road, Holton St Mary
	107850-MMD-08-XX-DWG-D-1130	JC-B013A & JC-B013B (DCO)	Private track off Woodlands Road, Wenham
	107850-MMD-08-XX-DWG-D-1131	JC-B013C & JC-B013D (DCO)	Raydon Road, Wenham
	107850-MMD-08-XX-DWG-D-1132	JC-B013E & JC-B013F (DCO)	Private track, Notley Enterprise Park, off Acacia Road, Raydon
406395IA-TPN-TMS-255-A	107850-MMD-08-XX-DWG-D-1902	Highway Mitigation Plan – Bullen Lane (Sheet 1 of 4)	Bullen Lane, Bramford
	107850-MMD-08-XX-DWG-D-1903	Highway Mitigation Plan – Bullen Lane (Sheet 2 of 4)	Bullen Lane, Bramford
	107850-MMD-08-XX-DWG-D-1904	Highway Mitigation Plan – Bullen Lane (Sheet 3 of 4)	Bullen Lane, Bramford
	107850-MMD-08-XX-DWG-D-1905	Highway Mitigation Plan – Bullen Lane (Sheet 4 of 4)	Bullen Lane, Bramford
406395IA-TPN-TMS-256-A	107850-MMD-08-XX-DWG-D-1900	Highway Mitigation Plan – Major Lane (Sheet 1 of 1)	Major Lane / Thornham Road, Gislingham

Audit ref.	Drawing no.	Description	Location
406395IA-TPN-TMS-257-A	107850-MMD-08-XX-DWG-D-1899	Highway Mitigation Plan – Finningham Road (Sheet 1 of 1)	B1113 Finningham Road, Rickingham
406395IA-TPN-TMS-258-A	107850-MMD-08-XX-DWG-D-1901	Highway Mitigation Plan – Eastlands Lane (Sheet 1 of 1)	Eastlands Lane, Finningham
406395IA-TPN-TMS-259-A	107850-MMD-08-XX-DWG-D-1906	Highway Mitigation Plan – Swan Hill Roundabout (Sheet 1 of 2)	A1071 / B1113 Swan Hill, Sproughton
	107850-MMD-08-XX-DWG-D-1907	Highway Mitigation Plan – Swan Hill Roundabout (Sheet 1 of 2)	A1071 / B1113 Swan Hill, Sproughton

Drawings: Essex County Council

Table A.27 Essex County Council RSA1 drawings

Audit ref.	Drawing no.	Description	Location
N406395HV-TPN-TMS-248-A	107850-MMD-00-XX-D-DWG-0202	Bellmouth Arrangement Details and Vehicle Tracking – Crossover	<i>Location not applicable</i>
	107850-MMD-08-XX-DWG-D-1656	RSA Stage 1 Haul Road Crossing Points – Master Key Plan	<i>Location not applicable</i>
	107850-MMD-08-XX-DWG-D-1517	JC-B046 & JC-B047 (S42) / JC-B054 & JC-B055 (DCO)	Birchwood Road, Dedham
	107850-MMD-08-XX-DWG-D-1518	JC-B048 & JC-B049 (S42) / JC-B056 & JC-B057 (DCO)	B1029 Dedham Road, Ardleigh
	107850-MMD-08-XX-DWG-D-1521	JC-B054 & JC-B055 (S42) / JC-B062 & JC-B063 (DCO)	A137 Harwich Road, Ardleigh
	107850-MMD-08-XX-DWG-D-1522	JC-B056 & JC-B057 (S42) / TB-B003 & TB-B004 (DCO)	Little Bromley Road, Ardleigh

Audit ref.	Drawing no.	Description	Location
	107850-MMD-08-XX-DWG-D-1523	JC-B058 & JC-B059 (S42) <i>(this drawing was removed from the proposals post RSA1)</i>	Little Bromley Road, Ardleigh
	107850-MMD-08-XX-DWG-D-1524	JC-B060 & JC-B061 (S42) / TB-B001 & TB-B002 (DCO)	Morrow Lane, Ardleigh
	107850-MMD-08-XX-DWG-D-1525	JC-B062 & JC-B063 (S42) / JC-B066 & JC-B067 (DCO)	Little Bromley Road, Ardleigh
	107850-MMD-08-XX-DWG-D-1737	JC-B064 & JC-B065 (S42) / JC-B068 & JC-B069 (DCO)	Hungerdown Lane, Ardleigh
	107850-MMD-08-XX-DWG-D-1335	JC-B074 & JC-B075 (S42) / JC-B035 & JC-B036 (DCO)	Low Lift Cottage Road
	107850-MMD-08-XX-DWG-D-1336	JC-B076 & JC-B077 (S42) / JC-B037 & JC-B038 (DCO)	Docuras Farm Road
	107850-MMD-08-XX-DWG-D-1337	JC-B078 & JC-B079 (S42) / JC-B046 & JC-B047 (DCO)	Dedham Road, Langham
	107850-MMD-08-XX-DWG-D-1338	JC-B080 & JC-B081 (S42) / JC-B048 & JC-B049 (DCO)	Rectory Road, Langham
	107850-MMD-08-XX-DWG-D-1339	JC-B082 & JC-B083 (S42) / JC-B064 & JCB065 (DCO)	Home Farm Lane, Ardleigh
	107850-MMD-08-XX-DWG-D-1739	TB-B003 & TB-B004 (S42) / TB-B007 & TB-B008 (DCO)	B1029 Dedham Road, Ardleigh
	107850-MMD-08-XX-DWG-D-1740	TB-B005 & TB-B006 (S42) / TB-B009 & TB-B010 (DCO)	Dead Lane, Ardleigh
	107850-MMD-08-XX-DWG-D-1741	TB-B009 & TB-B010 (S42) / TB-B013 & TB-B014 (DCO)	Wick Lane, Ardleigh

Audit ref.	Drawing no.	Description	Location
	107850-MMD-08-XX-DWG-D-1742	TB-B013 & TB-B014 (S42) / TB-B017 & TB-B018 (DCO)	Langham Lane, Boxted
	107850-MMD-08-XX-DWG-D-1743	TB-B015 & TB-B016 (S42) / TB-B019 & TB-B020 (DCO)	Straight Road, Boxted
	107850-MMD-08-XX-DWG-D-1745	TB-B021 & TB-B022 (S42) / TB-B026 & TB-B027 (DCO)	School Lane, Great Horkesley
	107850-MMD-08-XX-DWG-D-1746	TB-B023 & TB-B024 (S42) / TB-B028 & TB-B029 (DCO)	School Lane, Great Horkesley
	107850-MMD-08-XX-DWG-D-1747	TB-B025 & TB-B026 (S42) / TB-B030 & TB-B031 (DCO)	London Road, Great Horkesley
	107850-MMD-08-XX-DWG-D-1748	TB-B027 & TB-B028 (S42) / TB-B032 & TB-B033 (DCO)	Vinesse Road, Little Horkesley
	107850-MMD-08-XX-DWG-D-1749	TB-B029 & TB-B030 (S42) / TB-B034 & TB-B035 (DCO) <i>(this drawing was re-audited)</i>	Crabtree Lane, Little Horkesley
	107850-MMD-08-XX-DWG-D-1750	TB-B031 & TB-B032 (S42) / TB-B036 & TB-B037 (DCO)	B1508 Bures Road, West Bergholt
	107850-MMD-08-XX-DWG-D-1751	TB-B033 & TB-B034 (S42) / TB-B038 & TB-B039 (DCO)	Fordham Road, West Bergholt
	107850-MMD-08-XX-DWG-D-1752	TB-B035 & TB-B036 (S42) / TB-B040 & TB-B041 (DCO)	Fossetts Lane, Fordham
	107850-MMD-08-XX-DWG-D-1753	TB-B037 & TB-B038 (S42) / TB-B042 & TB-B043 (DCO)	Fossetts Lane, Fordham
	107850-MMD-08-XX-DWG-D-1754	TB-B044 & TB-B045 (S42) / TB-B049 & TB-B050 (DCO)	Green Lane, Aldham

Audit ref.	Drawing no.	Description	Location
	107850-MMD-08-XX-DWG-D-1755	TB-B046 & TB-B047 (S42) / TB-B051 & TB-B052 (DCO)	Brook Road, Aldham
	107850-MMD-08-XX-DWG-D-1757	TB-B050 & TB-B051 (S42) / TB-B055 & TB-B056 (DCO)	Track off Salmon's Lane, Coggeshall
	107850-MMD-08-XX-DWG-D-1758	TB-B052 & TB-B053 (S42) / TB-B057 & TB-B058 (DCO)	Salmon's Lane, Coggeshall
	107850-MMD-08-XX-DWG-D-1759	TB-B055 & TB-B056 (S42) / TB-B060 & TB-B061 (DCO)	Old Road, Feering
	107850-MMD-08-XX-DWG-D-1760	TB-B057 & TB-B058 (S42) / TB-B062 & TB-B063 (DCO)	Skye Green Road, Feering
	107850-MMD-08-XX-DWG-D-1761	TB-B059 & TB-B060 (S42) / TB-B064 & TB-B065 (DCO)	Coggeshall Road, Feering
	107850-MMD-08-XX-DWG-D-1762	TB-B061 & TB-B062 (S42) / TB-B068 & TB-B069 (DCO)	B1024 Coggeshall Road, Kelvedon
	107850-MMD-08-XX-DWG-D-1763	TB-B063 & TB-B064 (S42) / TB-B070 & TB-B071 (DCO)	Parkgate Road, Kelvedon
	107850-MMD-08-XX-DWG-D-1764	TB-B065 & TB-B066 (S42) / TB-B072 & TB-B073 (DCO)	Church Road, Rivenhall
	107850-MMD-08-XX-DWG-D-1765	TB-B071 & TB-B072 (S42) / TB-B078 & TB-B079 (DCO) <i>(proposed bellmouth TB-B072 (S42) was re-audited)</i>	Fairstead Road, White Notley
	107850-MMD-08-XX-DWG-D-1769	TB-B073 & TB-B074 (S42) / TB-B080 & TB-B081 (DCO)	Fairstead Lodge Road, Fairstead

Audit ref.	Drawing no.	Description	Location
406395HV-TPN-TMS-249-A	107850-MMD-08-XX-DWG-D-1770	TB-B077 & TB-B078 (S42) / TB-B082 & TB-B083 (DCO)	Fuller Street, Great Leighs
	107850-MMD-08-XX-DWG-D-1656	RSA Stage 1 Haul Road Crossing Points – Master Key Plan	<i>Location not applicable</i>
	107850-MMD-08-XX-DWG-D-1771	TB-B077 & TB-B078 (S42) / TB-B084 & TB-B085 (DCO)	Boreham Road / Cole Hill, Great Leighs
	107850-MMD-08-XX-DWG-D-1773	TB-B081 & TB-B082 (S42) / TB-B088 & TB-B089 (DCO)	Goodmans Lane, Great Leighs
	107850-MMD-08-XX-DWG-D-1774	TB-B089 & TB-B090 (S42) / TB-B096 & TB-B097 (DCO)	Lark's Lane, Great Waltham
	107850-MMD-08-XX-DWG-D-1775	TB-B091 & TB-B092 (S42) / TB-B098 & TB-B099 (DCO)	Chignal Road / Woodhall Hill, Chignal Smealy
	107850-MMD-08-XX-DWG-D-1778	TB-B093 & TB-B094 (S42) / TB-B100 & TB-B101 (DCO)	Mashbury Road, Chignal St James
	107850-MMD-08-XX-DWG-D-1779	TB-B100 & TB-B101 (S42) / TB-B108 & TB-B109 (DCO)	The Causeway / Highwood Road, Writtle
	107850-MMD-08-XX-DWG-D-1780	TB-B102 & TB-B103 (S42) / TB-B110 & TB-B111 (DCO)	Nathan's Lane, Writtle
	107850-MMD-08-XX-DWG-D-1783	TB-B110 & TB-B111 (S42) / TB-B118 & TB-B119 (DCO)	Ingatestone Road, Mountnessing
	107850-MMD-08-XX-DWG-D-1784	TB-B112 & TB-B113 (S42) / TB-B120 & TB-B121 (DCO)	Mountnessing Road, Mountnessing
	107850-MMD-08-XX-DWG-D-1786	TB-B118 & TB-B119 (S42) / TB-B126 & TB-B127 (DCO)	Sudbury's Farm Road, Little Burstead, Billericay

Audit ref.	Drawing no.	Description	Location
	107850-MMD-08-XX-DWG-D-1787	TB-B120 & TB-B121 (S42) / TB-B128 & TB-B129 (DCO)	Botney Hill Road, Little Burstead, Billericay
	107850-MMD-08-XX-DWG-D-1788	TB-B122 & TB-B123 (S42) / TB-B130 & TB-B131 (DCO)	Dunton Road, Herongate
	107850-MMD-05-XX-DWG-D-1340	TB-B142 (S42) / TB-B134 (DCO)	Lower Dunton Road, Dunton, Basildon
	107850-MMD-08-XX-DWG-D-1785	TB-B114 (S42) / TB-122 (DCO)	Old Church Lane, Mountnessing
	107850-MMD-08-XX-DWG-D-1789	TB-B115 (S42) / TB-B123 (DCO)	Old Church Lane, Mountnessing
	AENC-NG-ENG-DWG-0002	S.42 Consultation Typical Access Bellmouth and Visibility Splay	<i>Location not applicable</i>
	107850-MMD-03-XX-DWG-D-1371	JC-B035 (S42) / JC-B039 (DCO)	Ipswich Road, Langham
	107850-MMD-03-XX-DWG-D-1396	JC-B044 (S42) / JC-B052 (DCO)	Perry Lane, Langham
	107850-MMD-03-XX-DWG-D-1397	JC-B045 (S42) / JC-B053 (DCO)	Birchwood Road, Dedham
	107850-MMD-04-XX-DWG-D-1905	JC-B066 (S42) / JC-B070 (DCO)	Little Bromley Road, Ardleigh
406395HQ-TPN-TMS-236-B	107850-MMD-04-XX-DWG-D-1906	JC-B067 (S42) / JC-B072 (DCO)	Bentley Road, Little Bromley
	107850-MMD-04-XX-DWG-D-1907	JC-B068 (S42) / JC-B071 (DCO)	Ardleigh Road, Little Bromley
	107850-MMD-04-XX-DWG-D-1458	TB-B007 (S42) / TB-B011 (DCO)	Wick Lane, Ardleigh
	107850-MMD-04-XX-DWG-D-1459	TB-B008 (S42) / TB-B012 (DCO)	Wick Lane, Ardleigh
	107850-MMD-05-XX-DWG-D-1456	TB-B011 (S42) / TB-B015 (DCO)	Old Ipswich Road, Ardleigh
	107850-MMD-05-XX-DWG-D-1457	TB-B012 (S42) / TB-B016 (DCO)	Turnpike Close, Langham

Audit ref.	Drawing no.	Description	Location
	107850-MMD-05-XX-DWG-D-1486	TB-B017 (S42) / TB-B022 (DCO)	A134 The Causeway, Great Horkesley
	107850-MMD-05-XX-DWG-D-1487	TB-B018 (S42) / TB-B023 (DCO)	A134 The Causeway, Great Horkesley
	107850-MMD-05-XX-DWG-D-1526	TB-B039 (S42) / TB-B045 (DCO)	Mill Road, Fordham
	107850-MMD-05-XX-DWG-D-1527	TB-B040 (S42) / TB-B044 (DCO)	Mill Road, Fordham
	107850-MMD-05-XX-DWG-D-1528	TB-B041 (S42) / TB-B046 (DCO)	Fiddlers Hill, Fordham Heath
	107850-MMD-05-XX-DWG-D-1529	TB-B042 (S42) / TB-B047 (DCO)	A1124 Fordstreet Hill, Aldham
	107850-MMD-05-XX-DWG-D-1530	TB-B043 (S42) / TB-B048 (DCO)	A1124 Fordstreet Hill, Aldham
	107850-MMD-05-XX-DWG-D-1551	TB-B048 (S42) / TB-B053 (DCO)	Great Tey Road, Marks Tey
	107850-MMD-05-XX-DWG-D-1552	TB-B049 (S42) / TB-B054 (DCO)	Great Tey Road, Marks Tey
	107850-MMD-05-XX-DWG-D-1581	TB-B067 (S42) / TB-B074 (DCO)	B1018 Cressing Road, Witham
	107850-MMD-05-XX-DWG-D-1598	TB-B068 (S42) / TB-B075 (DCO)	Church Hill, Faulkbourne
	107850-MMD-05-XX-DWG-D-1596	TB-B069 (S42) / TB-B076 (DCO)	Church Hill, White Notley
	107850-MMD-05-XX-DWG-D-1597	TB-B070 (S42) / TB-B077 (DCO)	Church Hill, White Notley
	AENC-NG-ENG-DWG-0002	S.42 Consultation Typical Access Bellmouth and Visibility Splay	Location not applicable
406395HQ-TPN-TMS-237-A	107850-MMD-05-XX-DWG-D-1641	TB-B083 (S42) / TB-B090 (DCO)	A131 Braintree Road, Little Waltham
	107850-MMD-05-XX-DWG-D-1642	TB-B084 (S42) / TB-B091 (DCO)	B1008 Essex Regiment Way, Little Waltham

Audit ref.	Drawing no.	Description	Location
	107850-MMD-05-XX-DWG-D-1643	TB-B085 (S42) / TB-B092 (DCO)	Chatham Hall Lane, Little Waltham
	107850-MMD-05-XX-DWG-D-1644	TB-B086 (S42) / TB-B093 (DCO)	Chatham Hall Lane, Little Waltham
	107850-MMD-05-XX-DWG-D-1645	TB-B087 (S42) / TB-B094 (DCO)	Chelmsford Road, Great Waltham
	107850-MMD-05-XX-DWG-D-1646	TB-B088 (S42) / TB-B095 (DCO)	Chelmsford Road, Great Waltham
	107850-MMD-05-XX-DWG-D-1681	TB-B095 (S42) / TB-B102 (DCO)	Track off A1060 Roxwell Road, Roxwell
	107850-MMD-05-XX-DWG-D-1682	TB-B097 (S42) / TB-B104 (DCO)	Vicarage Road, Roxwell
	107850-MMD-05-XX-DWG-D-1711	TB-B098 (S42) / TB-B106 (DCO)	A414 Ongar Road, Writtle
	107850-MMD-05-XX-DWG-D-1712	TB-B099 (S42) / TB-B107 (DCO)	A414 Ongar Road, Writtle
	107850-MMD-05-XX-DWG-D-1731	TB-B104 (S42) / TB-B112 (DCO)	Ivy Barns Lane, Margaretting / Ingatestone
	107850-MMD-05-XX-DWG-D-1732	TB-B105 (S42) / TB-B113 (DCO)	Ivy Barns Lane, Margaretting / Ingatestone
	107850-MMD-05-XX-DWG-D-1756	TB-B109 (S42) / TB-B117 (DCO)	Church Lane, Margaretting / Ingatestone
	107850-MMD-05-XX-DWG-D-1776	TB-B116 (S42) / TB-B124 (DCO) <i>(this drawing was re-audited)</i>	A129 Rayleigh Road, Hutton
	107850-MMD-05-XX-DWG-D-1777	TB-B117 (S42) / TB-B125 (DCO)	A129 Rayleigh Road, Hutton
	107850-MMD-05-XX-DWG-D-1791	TB-B124 (S42) / TB-B132 (DCO)	Brentwood Road / Dunton Road, Dunton, Basildon

Audit ref.	Drawing no.	Description	Location
	107850-MMD-05-XX-DWG-D-1806	TB-B125 (S42) / TB-B133 (DCO)	Dunton Road, Dunton, Basildon
406395IF-TPN-TMS-276-A	107850-MMD-05-XX-DWG-D-1776	TB-B116 (S42) / TB-B124 (DCO) (repeat RSA1)	A129 Rayleigh Road, Hutton
	107850-MMD-08-XX-DWG-D-1295	TB-B021 (DCO)	Boxted Road, Great Horkesley
	107850-MMD-05-XX-DWG-D-1749	TB-B029 & TB-B030 (S42) / TB-B034 & TB-B035 (DCO)	Crabtree Lane, Little Horkesley
	107850-MMD-05-XX-DWG-D-1488	TB-B030 (S42) / TB-B035 (DCO) (repeat RSA1)	Crabtree Lane, Little Horkesley
406395IF-TPN-TMS-278-A	107850-MMD-05-XX-DWG-D-1566	TB-B054 (S42) / TB-B059 (DCO)	A120 Colchester Road, Coggeshall
	107850-MMD-05-XX-DWG-D-1599	TB-B071 (S42) / TB-B079 (DCO) (repeat RSA1)	Fairstead Road, White Notley
	107850-MMD-08-XX-DWG-D-1683	TB-B096 (S42) / TB-B103 (DCO)	A1060 Roxwell Road, Roxwell
	107850-MMD-05-XX-DWG-D-1340	TB-B142 (S42) / TB-B134 (DCO)	Lower Dunton Road, Dunton, Basildon
406395IA-TPN-TMS-261-A	107850-MMD-08-XX-DWG-D-1918	Highway Mitigation Plan – Church Road to Old Church Lane (Sheet 1 of 1)	Church Road to Old Church Lane, Mountnessing
	107850-MMD-08-XX-DWG-D-1919	Highway Mitigation Plan – Church Road to Old Church Lane (Sheet 1 of 10)	Church Road to Old Church Lane, Mountnessing
406395IA-TPN-TMS-262-A	107850-MMD-08-XX-DWG-D-1920	Highway Mitigation Plan – Church Road to Old Church Lane (Sheet 2 of 10)	Church Road to Old Church Lane, Mountnessing
	107850-MMD-08-XX-DWG-D-1921	Highway Mitigation Plan – Church Road to Old Church Lane (Sheet 3 of 10)	Church Road to Old Church Lane, Mountnessing

Audit ref.	Drawing no.	Description	Location
	107850-MMD-08-XX-DWG-D-1922	Highway Mitigation Plan – Church Road to Old Church Lane (Sheet 4 of 10)	Church Road to Old Church Lane, Mountnessing
	107850-MMD-08-XX-DWG-D-1923	Highway Mitigation Plan – Church Road to Old Church Lane (Sheet 5 of 10)	Church Road to Old Church Lane, Mountnessing
	107850-MMD-08-XX-DWG-D-1924	Highway Mitigation Plan – Church Road to Old Church Lane (Sheet 6 of 10)	Church Road to Old Church Lane, Mountnessing
	107850-MMD-08-XX-DWG-D-1925	Highway Mitigation Plan – Church Road to Old Church Lane (Sheet 7 of 10)	Church Road to Old Church Lane, Mountnessing
	107850-MMD-08-XX-DWG-D-1926	Highway Mitigation Plan – Church Road to Old Church Lane (Sheet 8 of 10)	Church Road to Old Church Lane, Mountnessing
	107850-MMD-08-XX-DWG-D-1927	Highway Mitigation Plan – Church Road to Old Church Lane (Sheet 9 of 10)	Church Road to Old Church Lane, Mountnessing
	107850-MMD-08-XX-DWG-D-1928	Highway Mitigation Plan – Church Road to Old Church Lane (Sheet 10 of 10)	Church Road to Old Church Lane, Mountnessing
406395IA-TPN-TMS-263-A	107850-MMD-08-XX-DWG-D-1917	Highway Mitigation Plan – Ivy Barns Lane (Sheet 1 of 1)	Ivy Barns Lane, Margeretting / Ingatestone
406395IA-TPN-TMS-264-A	107850-MMD-08-XX-DWG-D-1910	Highway Mitigation Plan – Bentley Road to Ardleigh Road (Sheet 1 of 7)	Bentley Road to Ardleigh Road, Little Bromley / Ardleigh
	107850-MMD-08-XX-DWG-D-1911	Highway Mitigation Plan – Bentley Road to Ardleigh Road (Sheet 2 of 7)	Bentley Road to Ardleigh Road, Little Bromley / Ardleigh
	107850-MMD-08-XX-DWG-D-1912	Highway Mitigation Plan – Bentley Road to Ardleigh Road (Sheet 3 of 7)	Bentley Road to Ardleigh Road, Little Bromley / Ardleigh
	107850-MMD-08-XX-DWG-D-1913	Highway Mitigation Plan – Bentley Road to Ardleigh Road (Sheet 4 of 7)	Bentley Road to Ardleigh Road, Little Bromley / Ardleigh

Audit ref.	Drawing no.	Description	Location
	107850-MMD-08-XX-DWG-D-1914	Highway Mitigation Plan – Bentley Road to Ardleigh Road (Sheet 5 of 7)	Bentley Road to Ardleigh Road, Little Bromley / Ardleigh
	107850-MMD-08-XX-DWG-D-1915	Highway Mitigation Plan – Bentley Road to Ardleigh Road (Sheet 6 of 7)	Bentley Road to Ardleigh Road, Little Bromley / Ardleigh
	107850-MMD-08-XX-DWG-D-1916	Highway Mitigation Plan – Bentley Road to Ardleigh Road (Sheet 7 of 7)	Bentley Road to Ardleigh Road, Little Bromley /Ardleigh
406395IA-TPN-TMS-266-A	107850-MMD-08-XX-DWG-D-1909	Highway Mitigation Plan – Wick Lane (Sheet 1 of 1)	Wick Lane, Ardleigh
406395IA-TPN-TMS-267-A	107850-MMD-08-XX-DWG-D-1929	Highway Mitigation Plan – Brentwood Road (Sheet 1 of 1)	Brentwood Road, Dunton, Basildon

Drawings: Thurrock Council

Table A.28 Thurrock Council RSA1 drawings

Audit ref.	Drawing no.	Description	Location
	107850-MMD-00-XX-D-DWG-0202	Bellmouth Arrangement Details and Vehicle Tracking – Crossover	<i>Location not applicable</i>
	107850-MMD-08-XX-DWG-D-1656	RSA Stage 1 Haul Road Crossing Points – Master Key Plan	<i>Location not applicable</i>
406395HV-TPN-TMS-250-A	107850-MMD-08-XX-DWG-D-1797	TB-B126 & TB-B127 (S42) / TB-B135 & TB-B136 (DCO)	Doesgate Lane, Bulphan
	107850-MMD-08-XX-DWG-D-1798	TB-B129 & TB-B130 (S42) / TB-B138 & TB-B139 (DCO)	Orsett Road, Horndon on the Hill
	107850-MMD-08-XX-DWG-D-1799	TB-B134 & TB-B135 (S42)	Hoford Road

Audit ref.	Drawing no.	Description	Location
		<i>(this drawing was removed from proposals post RSA1)</i>	
	107850-MMD-08-XX-DWG-D-1800	TB-B136 & TB-B137 (S42) <i>(this drawing was removed from proposals post RSA1)</i>	Muckingford Road
	107850-MMD-08-XX-DWG-D-1465	TB-B136b & TB-B137b (S42) <i>(this drawing was removed from proposals post RSA1)</i>	Muckingford Road
	107850-MMD-08-XX-DWG-D-1801	TB-B138 & TB-B139 (S42) <i>(this drawing was removed from proposals post RSA1)</i>	Church Road
	107850-MMD-05-XX-DWG-D-1836	TB-B131 (S42) <i>(this drawing was removed from proposals post RSA1)</i>	Buckingham Hill Road, Linford
	107850-MMD-05-XX-DWG-D-1837	TB-B132 (S42) / TB-B141 (DCO)	Buckingham Hill Road, Linford
	107850-MMD-05-XX-DWG-D-1838	TB-B133 (S42) / TB-B142 (DCO)	Buckingham Hill Road / Hoford Road, West Tilbury
406395HQ-TPN-TMS-238-A	AENC-NG-ENG-DWG-0002	S.42 Consultation Typical Access Bellmouth and Visibility Splay	<i>Location not applicable</i>
	107850-MMD-05-DWG-D-1821	TB-B128 (S42) / TB-B137 (DCO)	A128 Brentwood Road, Orsett
	107850-MMD-05-DWG-D-1836	TB-B131 (S42) / TB-B140 (DCO)	Buckingham Hill Road, Linford
	107850-MMD-05-DWG-D-1837	TB-B132 (S42) / TB-B141 (DCO)	Buckingham Hill Road, Linford
	107850-MMD-05-DWG-D-1838	TB-B133 (S42) / TB-B142 (DCO)	Buckingham Hill Road / Hoford Road, West Tilbury

Audit ref.	Drawing no.	Description	Location
	107850-MMD-05-DWG-D-1851	TB-B141 (S42) <i>(this drawing was removed from proposals post RSA1)</i>	Cooper Shaw Road, West Tilbury
	107850-MMD-05-DWG-D-1852	TB-B140 (S42) <i>(this drawing was removed from proposals post RSA1)</i>	Cooper Shaw Road, West Tilbury

Drawings: Tilbury North Substation (within Thurrock Council)

Table A.29 Tilbury North RSA1 drawings

Audit ref.	Drawing no.	Description	Location
406395IC-TPN-TMS-270-A	107850-MMD-09-XX-DWG-D-1022	TN-B015A & TN-B016A (S42/DCO)	Muckingford Road, Linford
	107850-MMD-09-XX-DWG-D-1025	TN-B015B & TN-B016B (S42/DCO)	Muckingford Road, Linford
	107850-MMD-09-XX-DWG-D-1054	TN-B001A & TN-B002A (S42/DCO)	Long Lane, Grays
	107850-MMD-09-XX-DWG-D-1055	TN-B001B & TN-B002B (S42/DCO)	Long Lane, Grays
	107850-MMD-09-XX-DWG-D-1056	TN-B003A (S42/DCO)	Gammonfields Way, Grays
	107850-MMD-09-XX-DWG-D-1057	TN-B003B (S42/DCO)	Gammonfields Way, Grays
	107850-MMD-09-XX-DWG-D-1058	TN-B004A (S42/DCO)	Heath Road, Grays
	107850-MMD-09-XX-DWG-D-1059	TN-B004B (S42/DCO)	Heath Road, Grays
	107850-MMD-09-XX-DWG-D-1060	TN-B005 & TN-B006 (S42/DCO)	Hornsby Lane, Grays
	107850-MMD-09-XX-DWG-D-1065	TN-B007A (S42/DCO)	Brentwood Road, Orsett
	107850-MMD-09-XX-DWG-D-1066	TN-B007B1 (S42/DCO)	Brentwood Road, Orsett

Audit ref.	Drawing no.	Description	Location
	107850-MMD-09-XX-DWG-D-1067	TN-B007B2 (S42/DCO)	Brentwood Road, Orsett
	107850-MMD-09-XX-DWG-D-1068	TN-B008A & TN-B009A (S42/DCO)	Brentwood Road, Chadwell St Mary
	107850-MMD-09-XX-DWG-D-1069	TN-B008B & TN-B009B (S42/DCO)	Brentwood Road, Chadwell St Mary
	107850-MMD-09-XX-DWG-D-1072	TN-B010 & TN-B011 (S42/DCO)	High House Lane, Linford
	107850-MMD-09-XX-DWG-D-1074	TN-B012 & TN-B013 (S42/DCO)	Hoford Road, Linford
	107850-MMD-09-XX-DWG-D-1076	TN-B0014 (S42/DCO)	Buckingham Hill Road / Hoford Road, Linford
	107850-MMD-08-XX-DWG-D-1930	Highway Mitigation Plan – Stanford Road (Sheet 1 of 1)	A1013 Stanford Road, Grays
	107850-MMD-08-XX-DWG-D-1931	Highway Mitigation Plan – Brentwood Road (Sheet 1 of 1)	Brentwood Road, Orsett, Grays
	107850-MMD-08-XX-DWG-D-1023	Highway Mitigation Plan – Hoford Road (Sheet 1 of 2)	Hoford Road, Linford, Stanford-le-Hope
	107850-MMD-08-XX-DWG-D-1024	Highway Mitigation Plan – Hoford Road (Sheet 2 of 2)	Hoford Road, Linford, Stanford-le-Hope

Drawings: UKPN Power Network (various Local Authorities)

Table A.30 UKPN RSA1 drawings

Audit ref.	Drawing no.	Description	Location
406395ID-TPN-TMS-282-A (Suffolk County Council)	10785-MMD-08-XX-DWG-D-1077	RG-UKPN-B001 (DCO)	A143 Old Bury Road, Offton / Willisham
	10785-MMD-08-XX-DWG-D-1078	RG-UKPN-B002 (DCO)	A143 Old Bury Road, Offton / Willisham
	10785-MMD-08-XX-DWG-D-1094	RG-UKPN-B003 & RG-UKPN-B004 (DCO)	Holly Road, Willisham
	10785-MMD-08-XX-DWG-D-1095	RG-UKPN-B005 & RG-UKPN-B006 (DCO)	Hadleigh Road, Somersham
	10785-MMD-08-XX-DWG-D-1096	RG-UKPN-B007 & RG-UKPN-B008 (DCO)	Blood Hill, Offton / Willisham
	10785-MMD-08-XX-DWG-D-1097	JC-UKPN-B001 & JC-UKPN-B002 (DCO)	Burstall Lane
	10785-MMD-08-XX-DWG-D-1098	JC-UKPN-B003 & JC-UKPN-B004 (DCO)	A1071 Hadleigh Road
406395ID-TPN-TMS-271-A (Essex County Council)	107850-MMD-08-XX-DWG-D-1099	TB-UKPN-B001 & TB-UKPN-B002 (DCO)	Fuller Street, Fairstead
	107850-MMD-08-XX-DWG-D-1100	TB-UKPN-B003 & TB-UKPN-B004 (DCO)	Lower Dunton Road, Dunton
	107850-MMD-08-XX-DWG-D-1101	TB-UKPN-B005 & TB-UKPN-B006 (DCO)	Main Drive, Dunton
	107850-MMD-08-XX-DWG-D-1102	TB-UKPN-B007 & TB-UKPN-B008 (DCO)	Lower Dunton Road, Dunton

Drawings: National Highways

Table A.31 National Highways RSA1 drawings

Audit ref.	Drawing no.	Description	Location
406395HQ-TPN-TMS-239-A	AENC-NG-ENG-DWG-0002	S.42 Consultation Typical Access Bellmouth and Visibility Splay	Location not applicable
	107850-MMD-05-XX-DWG-D-1566	TB-B054 (S42) / TB-B059 (DCO)	A120 Colchester Road, Coggeshall
406395IA-TPN-TMS-260-A	107850-MMD-08-XX-DWG-D-1908	Highway Mitigation Plan – Ipswich Road (Sheet 1 of 1)	A12 Ipswich Road, Suffolk
406395IA-TPN-TMS-265-A	107850-MMD-08-XX-DWG-D-1910	Highway Mitigation Plan – Bentley Road to Ardleigh Road (Sheet 1 of 7)	A120, Little Bentley, Essex
	107850-MMD-08-XX-DWG-D-1915	Highway Mitigation Plan – Bentley Road to Ardleigh Road (Sheet 6 of 7)	A120, Little Bentley, Essex
	107850-MMD-08-XX-DWG-D-1916	Highway Mitigation Plan – Bentley Road to Ardleigh Road (Sheet 7 of 7)	A120, Little Bentley, Essex

Abbreviations

Abbreviation	Full Reference
AIL	Abnormal indivisible load
AIP	Approvals in Principle
CV	Curriculum Vitae
DCO	Development Consent Order
DMRB	Design Manual for Roads and Bridges
EACN	East Anglia Connection Node
LHA	Local Highways Authority
LTC	Lower Thames Crossing
NSIP	Nationally Significant Infrastructure Project
PAR	Primary Access Routes
RSA	Road Safety Audit
SRN	Strategic Road Network
UKPN	UK Power Networks

Glossary

Term	Definition
Abnormal indivisible load	A large load which cannot 'without undue expense or risk of damage' be divided into two or more smaller loads for the purposes of being transported by road, and which exceeds limits set out in terms of weight (>44 tonnes), length (>18.65 m), and width (>2.9 m).
Development Consent Order	A statutory instrument which grants consents and other rights to build a Nationally Significant Infrastructure Project, as defined by the Planning Act 2008.
Local Highway Authority	The public authority whose duty it is to maintain and protect the safety and usability of public roads.
Primary Access Routes	Access routes on the public highway designated for use by construction vehicles (typically for HGVs) to travel from the strategic road network / major road network to the site access point.
Transport Assessment	Transport Assessment is a comprehensive and systematic process that sets out transport issues relating to a proposed development. It identifies what measures will be taken to deal with the anticipated transport effects of the Project. It is separate to Chapter 16: Traffic and Transport (document reference 6.16).

Bibliography

National Highways (2025). *Design Manual for Roads and Bridges: GG 119 – Road safety audit* [online] Available at: <https://www.standardsforhighways.co.uk/search/69517ebd-ed8d-4558-b101-c1e80611000a>. [Accessed 25 July 2025].

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