



Your ref: EN010109 - 002248
Our ref: NH/23/03944 Sheringham and Dudgeon
Extension Projects – Rule 17 Letter

John Wheadon
Head of Energy Infrastructure Planning Delivery
On behalf of the Secretary of State for Energy
Security and Net Zero

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Operations - East
Woodlands
Manton Lane
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Date: 19 December 2023

via email: sadep@planninginspectorate.gov.uk

Dear Sir/Madam,

**Sheringham Shoal and Dudgeon Offshore Wind Farm Extension Project
(EN010109)**

**Planning Act 2008 and The Infrastructure Planning (Examination Procedure)
Rules 2010**

**Application by Equinor New Energy Limited (“the Applicant”) for an Order granting
Development Consent for the proposed Sheringham Shoal and Dudgeon Offshore
Wind Farm Extension Project (“the Proposed Development”)**

This letter represents the response of National Highways Limited ("National Highways") to the Secretary of State for Energy Security and Net Zero's consultation letter dated 22 November 2023 in relation to the Proposed Development. In addition, National Highways sets out below an update on discussions with the Applicant.

Protective Provisions

The Applicant and National Highways have reached agreement on the form of protective provisions to be included within Part 14 of Schedule 14 of the DCO. National Highways' understands that the Applicant has written to the Secretary of State to confirm the same and provided the form of protective provisions which are to be included. For ease, these are also included as Schedule 1 to this letter.

Amendments to the DCO

The Applicant and National Highways are agreed that the following amendments may be made to Article 6 (disapplication of legislative provisions) to the DCO:

- at Article 2(1) of the DCO the following definitions:

"A47 Tuddenham Scheme"	<i>means the highways scheme to be constructed pursuant to the A47.</i>
"A47 Tuddenham Order"	<i>means the A47 North Tuddenham to Easton Development Consent.</i>
"National Highways"	<i>means National Highways Limited (No.09346363) whose registered office is Bridge House, 1 Walnut Tree Close, Guildford, Surrey, GU1 4LZ or any such successor or replacement body that may from time to time be primarily responsible for the functions, duties and responsibilities currently exercised by that statutory body.</i>

- after Article 6(2) of the DCO a new sub-paragraph (3) as follows:

(3) In the event that compliance with any provision of:

(a) this Order means that A47 Tuddenham Scheme will be carried out in breach of the terms of the A47 Tuddenham Order or that National Highways cannot comply with the terms of the A47 Tuddenham Order, or

(b) the A47 Tuddenham Order means that the authorised development will be carried out in breach of the terms of this Order or that the undertaker cannot comply with the terms of the this Order, section 161(1) of the 2008 Act shall not apply to that breach.

Objection

On the basis of the above, National Highways withdraws its objection to the Proposed Development.

Response to Secretary of State's Letter dated 22 November 2023

	To	Request For Update or Information	Response
Para 9	Applicant, National Highways, Orsted and Perenco	The Applicant, National Highways, Orsted (in relation to Hornsea 3), and Perenco are asked to confirm whether they have reached agreement on the respective protected provisions for inclusion in the DCO.	The Applicant and National Highways have reached agreement on protected provisions for inclusion in the DCO. Please see the update above.

Para 10	National Highways	<p>Shortly before the close of the examination the Applicant proposed amendments to sub-paragraph 8 of Article 5 of the draft DCO in its representation REP8-0541. National Highways are invited to confirm whether they have any comments on the Applicant's proposed drafting, as set out below:</p> <p><i>'d) the transferee or lessee is National Highways for the purposes of undertaking any works to install ducts under the strategic road network as set out in Work Nos. 12A, 12B or 12C.'</i></p>	National Highways can confirm agreement to the proposed amendments to the DCO.
Para 20	Norfolk County Council and National Highways	Norfolk County Council and National Highways are invited to comment on the Applicant's response to the Rule 17 letter [REP8-052, ID 13, page 274], regarding maximum daily vehicle trips and the Applicant's proposed without-prejudice sub-paragraph (5) to Requirement 15.	<p>It is understood that The Examining Authority (ExA) has reviewed traffic and HGV flows submitted following Written Questions 4 and found that the flows are not sufficiently representative of a concurrent scenario and there could be a significant under-estimation. The Examining Authority wishes to ensure that traffic flows are capped within the OCTMP so that they do not exceed those assessed within the ES chapters including air quality, noise, and vibration.</p> <p>The Applicant's response to the matter raised in REP8-052 ID 13 identified four potential scenarios:</p> <ul style="list-style-type: none"> • 1a SEP constructed in isolation; • 1b DEP constructed in isolation; • 1c SEP and DEP constructed sequentially; and • 1d SEP and DEP constructed concurrently. <p>It is understood that the ExA's concern is that scenario 1d might lead to approximately double the number of trips generated, relative to that generated by scenarios 1a and 1b.</p>

			<p>The Applicant goes on to provide examples of where the assumptions made by the Examining Authority as to how the development scenarios (concurrent / isolation) would take place would not reflect the outcomes in practice, which involves overlapping construction processes, but with the overall summary that the ducting works would be completed within the three-year programme, whether the developments take place in isolation or concurrently. In Option 1c (Sequential Construction) would require a five-year construction period.</p> <p>The point is made by the Applicant that the OCTMP already is a controlling mechanism to prevent the exceedance of maximum forecast flows, which has been agreed with the two highway authorities including National Highways. The Applicant provided wording for an amendment as it had been instructed to do so by the Examining Authority but questions the need to do so. The Applicant finds that the request is unnecessary and unreasonable and so would fail the policy Test in EN-1.</p> <p>National Highways Spatial Planning Framework Consultant, AECOM, have provided advisory services on the Sheringham and Dudgeon project for more than a year and upon the review of documents has not raised concerns in relation to the flows provided between the concurrent and isolation scenarios (mentioned above). Further to this, AECOM found that the Applicant's explanation in response to the Examining Authority is reasonable.</p>
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			<p>On behalf of National Highways, AECOM reviewed the OCTMP on a number of occasions and worked with the Applicant and National Highways to agree the provisions for allowing the highway authorities to exercise effective monitoring and enforcement of construction traffic. Amongst other items, this includes the exceedance of trips, as noted by the Applicant as Sections 2.3.1 and 3.2.1 of the OCTMP. Further to this, as part of Revision D of the OCTMP, it was agreed between the parties that a Monitoring Group would be established that would include the relevant highway authorities.</p> <p>Given the explanation provided by the Applicant to address the Examining Authority's interpretation of the scenarios in terms of flows, and the clauses within the OCTMP, National Highways are in agreement with the Applicant that it would not be necessary or proportionate to provide additional wording to Requirement 15 as questioned within Paragraph 20 of the Request for Information letter of 22 November 2023.</p>
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Please contact me PlanningEE@nationalhighways.co.uk if you require any further information.

Yours sincerely,

S.H.

Dr Shamsul Hoque
Assistant Spatial Planner



Schedule 1 – Protective Provisions

PART 14

FOR THE PROTECTION OF NATIONAL HIGHWAYS LIMITED

Application etc.,

1.—(1) The provisions of this Part of this Schedule apply for the protection of National Highways and have effect unless otherwise agreed in writing between the undertaker and National Highways.

(2) Except where expressly amended by the Order the operation of the powers and duties of National Highways or the Secretary of State under the 1980 Act, the 1984 Act, the 1991 Act, the Transport Act 2000, or Town and Country Planning (General Permitted Development) (England) Order 2015 which shall continue to apply in respect of the exercise of all National Highways' statutory functions.

Interpretation

2.—(1) Where the terms defined in article 2 (*interpretation*) of this Order are inconsistent with subparagraph (2) the latter prevail.

(2) In this Part of this Schedule—

“as built information” means one electronic copy of the following information—

- (a) as constructed drawings in both PDF and AutoCAD DWG formats for anything designed by the undertaker; in compliance with Interim Advice Note 184 or any successor document;
- (b) list of suppliers and materials used, as well as any relevant test results and CCTV surveys (if required to comply with DMRB standards);
- (c) product data sheets and technical specifications for all materials used;
- (d) as constructed information for any utilities discovered or moved during the works;
- (e) method statements for the works carried out;
- (f) in relation to road lighting, signs, and traffic signals any information required by Series 1300 and 1400 of the Specification for Highway Works or any replacement or modification of it;
- (g) organisation and methods manuals for all products used;
- (h) as constructed programme;
- (i) test results and records as required by the detailed design information and during construction phase of the project;
- (j) a stage 3 road safety audit subject to any exceptions to the road safety audit standard as agreed by the undertaker and National Highways;
- (k) the health and safety file; and
- (l) such other information as is required by National Highways to be used to update all relevant databases and to ensure compliance with National Highway's *Asset Data Management Manual* as is in operation at the relevant time.

“the bond sum” means the sum equal to 200% of the cost of the carrying out the specified works (to include all costs plus any commuted sum) or such other sum agreed between the undertaker and National Highways;

“the cash surety” means the sum agreed between the undertaker and National Highways;

“commuted sum” means such sum calculated as provided for in paragraph 9 of this Part of this Schedule to be used to fund the future cost of maintaining the specified works;

“condition survey” means a survey of the condition of National Highways structures and assets within the Order limits that may be affected by the specified works;

“contractor” means any contractor or subcontractor appointed by the undertaker to carry out the specified works;

“defects period” means the period from the date of the provisional certificate to the date of the final certificate which shall be no less than 12 months from the date of the provisional certificate;

“detailed design information” means such of the following drawings specifications and calculations as are relevant to the specified works—

- (a) site clearance details;
- (b) boundary, environmental and mitigation fencing;
- (c) road restraints systems and supporting road restraint risk appraisal process assessment;
- (d) drainage and ducting as required by DMRB CD 535 Drainage asset data and risk management and DMRB CS551 Drainage surveys – standards for Highways
- (e) earthworks including supporting geotechnical assessments required by DMRB CD622 Managing geotechnical risk and any required strengthened earthworks appraisal form certification;
- (f) pavement, pavement foundations, kerbs, footways and paved areas;
- (g) traffic signs and road markings;
- (h) traffic signal equipment and associated signal phasing and timing detail;
- (i) road lighting (including columns and brackets);
- (j) regime of California Bearing Ratio testing;
- (k) electrical work for road lighting, traffic signs and signals;
- (l) motorway communications as required by DMRB;
- (m) highway structures and any required structural approval in principle;
- (n) landscaping;
- (o) proposed departures from DMRB standards;
- (p) walking, cycling and horse riding assessment and review report;
- (q) stage 1 and stage 2 road safety audits and exceptions agreed;
- (r) utilities diversions;
- (s) topographical survey;
- (t) maintenance and repair strategy in accordance with DMRB GD304 Designing health and safety into maintenance or any replacement or modification of it;
- (u) health and safety information including any asbestos survey required by GG105 or any successor document; and
- (v) other such information that may be required by National Highways to be used to inform the detailed design of the specified works;

“DBFO contract” means the contract between National Highways and the highway operations and maintenance contractor for the maintenance and operation of parts of the strategic road network which are within the Order Limits or any successor or replacement contract that may be current at the relevant time;

“DMRB” means the Design Manual for Roads and Bridges or any replacement or modification of it;

“final certificate” means the certificate relating to those aspects of the specified works that have resulted in any alteration to the strategic road network to be issued by National Highways pursuant to paragraph 9;

“the health and safety file” means the file or other permanent record containing the relevant health and safety information for the authorised development required by the Construction Design and Management Regulations 2015 (or such updated or revised regulations as may come into force from time to time);

“highway operations and maintenance contractor” means the contractor appointed by National Highways under the DBFO contract;

“nominated persons” means the undertaker’s representatives or the contractor’s representatives on site during the carrying out of the specified works as notified to National Highways from time to time;

“programme of works” means a document setting out the sequence and timetabling of the specified works;

“provisional certificate” means the certificate of provisional completion relating to those aspects of the specified works that have resulted in any alteration to the strategic road network to be issued by National Highways in accordance with paragraph 7 when it considers the specified works are substantially complete and may be opened for traffic;

“road safety audit” means an audit carried out in accordance with the road safety audit standard;

“road safety audit standard” means DMRB Standard HD GG119 or any replacement or modification of it;

“road space booking” means road space bookings in accordance with National Highways’ Asset Management Operational Requirements (AMOR) including Network Occupancy Management System (NOMS) used to manage road space bookings and network occupancy;

“Specification for Highways Works” means the specification for highways works forming part of the manual of contract documents for highway works published by National Highways and setting out the requirements and approvals procedures for work, goods or materials used in the construction, improvement or maintenance of the strategic road network;

“specified works” means so much of any work, including highway works and signalisation, authorised by this Order including any maintenance of that work, as is undertaken on, in, under or over the strategic road network for which National Highways is the highway authority; and

“strategic road network” means any part of the road network including trunk roads, special roads or streets for which National Highways is the highway authority including drainage infrastructure, street furniture, verges and vegetation and all other land, apparatus and rights located in, on, over or under the highway for which National Highways is the highway authority;

“utilities” means any pipes wires cables or equipment belonging to any person or body having power or consent to undertake street works under the New Roads and Street Works Act 1991; and

“winter maintenance” means maintenance of the road surface to deal with snow and ice.

(3) References to any standards, manuals, contracts, Regulations and Directives including to specific standards forming part of the DMRB are, for the purposes of this Part of this Schedule, to be construed as a reference to the same as amended, substituted or replaced, and with such modifications as are required in those circumstances.

General

3. In respect of any part of the strategic road network that is managed under a DBFO contract both National Highways and the highway operations and maintenance contractor shall have the benefit of this Part 14 of Schedule 14 but for the purposes of any approvals required under this Part of Schedule 14 the undertaker shall liaise directly with National Highways.

4. Notwithstanding any limits of deviation permitted pursuant to the Order, no works in carrying out, maintaining or diverting the authorised development may be carried out under the strategic road network at a distance within 4 metres of the lowest point of the ground.

5. References to any standards, manuals, contracts, regulations and directives including to specific standards forming part of the DMRB are, for the purposes of this Part of this Schedule, to be construed as a reference to the same as amended, substituted or replaced, and with such modifications as are required in those circumstances.

Works outside the Order limits

6. If the undertaker proposes to carry out works to the strategic road network that are outside of the Order limits in connection with the authorised development, the undertaker must enter into an agreement with National Highways in respect of the carrying out of those works prior to the commencement of those works.

Prior approvals and security

7.—(1) The specified works must not commence until—

- (a) a stage 1 and stage 2 road safety audit has been carried out and all recommendations raised by them or any exceptions are approved by National Highways;
- (b) the programme of works has been approved by National Highways;
- (c) the detailed design of the specified works comprising of the following details, insofar as considered relevant by National Highways, has been submitted to and approved by National Highways—
 - (i) the detailed design information, incorporating all recommendations and any exceptions approved by National Highways under sub-paragraph (a)
 - (ii) details of the proposed road space bookings;
 - (iii) the identity and qualification of the contractor and nominated persons;
 - (iv) a process for stakeholder liaison, with key stakeholders to be identified and agreed between National Highways and the undertaker;
 - (v) information demonstrating that the walking, cycling and horse riding assessment and review process undertaken by the undertaker in relation to the specified works has been adhered to in accordance with DMRB GG142 – Designing for walking, cycling and horse riding; and
- (d) a scheme of traffic management has been submitted by the undertaker and approved by National Highways such scheme to be capable of amendment by agreement between the undertaker and National Highways from time to time;
- (e) stakeholder liaison has taken place in accordance with the process for such liaison agreed between the undertaker and National Highways under sub-paragraph (c)(v) above;
- (f) National Highways has approved the audit brief and CVs for all road safety audits and exceptions to items raised in accordance with the road safety audit standard;
- (g) the undertaker has agreed the estimate of the commuted sum with National Highways;
- (h) the scope of all maintenance operations (routine inspections, incident management, reactive and third party damage) to be carried out by the undertaker during the construction of the specified works (which must include winter maintenance) has been agreed in writing by National Highways;
- (i) the undertaker has procured to National Highways collateral warranties in a form approved by National Highways from the contractor and designer of the specified works in favour of National Highways to include covenants requiring the contractor and designer to exercise all reasonable skill care and diligence in designing and constructing the specified works, including in the selection of materials, goods, equipment and plant; and
- (j) a condition survey and regime of monitoring of any National Highways assets or structures that National Highways considers will be affected by the specified works, has been agreed in writing by National Highways.

(2) The undertaker must not exercise—

- (a) article 4 (maintenance of authorised development);
- (b) article 8 (street works);
- (c) article 10 (temporary stopping up of streets);
- (d) article 11 (temporary stopping up of public rights of way);

- (e) article 14 (discharge of water);
- (f) article 15 (protective works to buildings);
- (g) article 16 (authority to survey and investigate the land);
- (h) article 18 (compulsory acquisition of land);
- (i) article 20 (compulsory acquisition of rights);
- (j) article 25 (rights under or over streets);
- (k) article 26 (temporary use of land for carrying out the authorised project);
- (l) article 27 temporary use of land for maintaining the authorised project); or
- (m) article 34 (felling or lopping trees or removal of hedgerows) of this Order,

over any part of the strategic road network without the consent of National Highways, and National Highways may in connection with any such exercise require the undertaker to provide details of any proposed road space bookings and submit a scheme of traffic management as required for National Highways' approval.

(3) National Highways must prior to the commencement of the specified works or the exercise of any power referenced in sub-paragraph (2) inform the undertaker of the identity of the person who will act as a point of contact on behalf of National Highways for consideration of the information required under sub-paragraph (1) or (2).

(4) Any approval of National Highways required under this paragraph-

- (a) must not be unreasonably withheld;
- (b) must be given in writing;
- (c) shall be deemed to have been refused if neither given nor refused within 2 months of the receipt of the information for approval or, where further particulars are requested by National Highways within 2 months of receipt of the information to which the request for further particulars relates; and
- (d) may be subject to any conditions as National Highways considers necessary.

(5) Any change to the identity of the contractor and/or designer of the specified works will be notified to National Highways immediately and details of their suitability to deliver the specified works will be provided on request along with collateral warranties in a form agreed by National Highways.

(6) Any change to the detailed design of the specified works must be approved by National Highways in accordance with paragraph 7(1) of this Part.

Construction of the specified works

8.—(1) The undertaker must give National Highways 28 days' notice in writing of the date on which the specified works will start unless otherwise agreed by National Highways.

(2) The undertaker must comply with National Highways' road space booking procedures prior to and during the carrying out the specified works and no specified works for which a road space booking is required shall commence without a road space booking having first been secured from National Highways.

(3) The specified works must be carried out by the undertaker to the satisfaction of National Highways in accordance with—

- (a) the relevant detailed design information and programme of works approved pursuant to paragraph 7(1) above or as subsequently varied by agreement between the undertaker and National Highways;
- (b) the DMRB, the Manual of Contract Documents for Highway Works, including the Specification for Highway Works, together with all other relevant standards as required by National Highways to include, inter alia; all relevant interim advice notes, the Traffic Signs Manual and the Traffic Signs Regulations and General Directions 2016 save to the extent

that exceptions from those standards apply which have been approved by National Highways; and

- (c) all aspects of the Construction (Design and Management) Regulations 2015 or any statutory amendment or variation of the same and in particular the undertaker, as client, must ensure that all client duties (as defined in the said regulations) are undertaken to the satisfaction of National Highways.

(4) The undertaker must permit and must require the contractor to permit at all reasonable times persons authorised by National Highways (whose identity must have been previously notified to the undertaker by National Highways) to gain access to the specified works for the purposes of inspection and supervision of the specified works.

(5) If any part of the specified works is constructed-

- (a) other than in accordance with the requirements of this Part of this Schedule; or
- (b) in a way that causes damage to the highway, highway structure or asset or any other land of National Highways,

National Highways may by notice in writing require the undertaker, at the undertaker's own expense, to comply promptly with the requirements of this Part of this Schedule or remedy any damage notified to the undertaker under this Part of this Schedule, to the satisfaction of National Highways.

(6) If during the carrying out of the authorised development the undertaker or its appointed contractors or agents causes damage to the strategic road network then National Highways may by notice in writing require the undertaker, at its own expense, to remedy the damage.

(7) If within 28 days on which a notice under sub-paragraph (5) or sub-paragraph (6) is served on the undertaker (or in the event of there being, in the opinion of National Highways, a danger to road users, within such lesser period as National Highways may stipulate), the undertaker has failed to take the steps required by that notice, National Highways may carry out the steps required of the undertaker and may recover any expenditure incurred by National Highways in so doing, such sum to be payable within 30 days of demand.

(8) Nothing in this Part of this Schedule prevents National Highways from carrying out any work or taking any such action as it reasonably believes to be necessary as a result of or in connection with the carrying out or maintenance of the authorised development without prior notice to the undertaker in the event of an emergency or to prevent the occurrence of danger to the public and National Highways may recover any expenditure it reasonably incurs in so doing.

(9) In constructing the specified works, the undertaker must at its own expense divert or protect all utilities and all agreed alterations and reinstatement of highway over existing utilities must be constructed to the satisfaction of National Highways.

(10) During the construction of the specified works the undertaker must carry out all maintenance (including winter maintenance) in accordance with the scope of maintenance operations agreed by National Highways pursuant to paragraph 7(1)(h) and the undertaker must carry out such maintenance at its own cost.

(11) The undertaker must notify National Highways if it fails to complete the specified works in accordance with the agreed programme pursuant to paragraph 7(1)(b) of this Part or suspends the carrying out of any specified work beyond a reasonable period of time and National Highways reserves the right to withdraw any road space booking granted to the undertaker to ensure compliance with its network occupancy requirements.

Payments

9.—(1) The undertaker must pay to National Highways a sum equal to the whole of any costs and expenses which National Highways reasonably incurs (including costs and expenses for using internal or external staff and costs relating to any work which becomes abortive) in relation to the specified works and in relation to any approvals sought under this Order, or otherwise incurred under this Part, including—

- (a) the checking and approval of the information required under paragraph 7(1);

- (b) the supervision of the specified works;
- (c) the checking and approval of the information required to determine approvals under this Order;
- (d) all costs in relation to the transfer of any land required for the specified works; and
- (e) all legal and administrative costs and disbursements incurred by National Highways in connection with the specified works and sub-paragraphs (a)-(d); and
- (f) any value added tax which is payable by National Highways only in respect of such costs and expenses arising under this paragraph and for which it cannot obtain reinstatement from HM Revenue and Customs,

together comprising “the NH costs”.

(2) National Highways must within 14 days of receipt of the information pursuant to sub-paragraph 5(1) provide the undertaker with a schedule showing its estimate of the NH costs.

(3) The undertaker must within 30 days of receipt of the notice pursuant to sub-paragraph (2) pay to National Highways the estimate of the NH costs.

(4) If at any time after the payment referred to in sub-paragraph (3) has become payable, National Highways reasonably believes that the NH costs will exceed the estimated NH costs notified pursuant to sub-paragraph (2) it may give notice to the undertaker of the amount that it believes the NH costs will exceed the estimate (the excess).

(5) The undertaker must within 30 days of receipt of the notification pursuant to sub-paragraph

(6) pay to National Highways an amount equal to the excess.

(7) National Highways must give the undertaker a final account of the NH costs referred to in sub-paragraph (1) above as a fully itemised invoice within 30 days of the issue of the provisional certificate issued pursuant to paragraph 10(4).

(8) Within 30 days of the issue of the final account:

- (a) if the final account shows a further sum as due to National Highways the undertaker must pay to National Highways the sum shown due to it; and
- (b) if the account shows that the payment or payments previously made by the undertaker have exceeded the costs incurred by National Highways, National Highways must refund the difference to the undertaker.

(9) The undertaker must pay to National Highways within 30 days of receipt and prior to such costs being incurred the total costs that National Highways believe will be properly and necessarily incurred by National Highways in undertaking any statutory procedure or preparing and bringing into force any traffic regulation order or orders necessary to carry out or for effectively implementing the specified works.

Provisional Certificate

10.—(1) Following any closure or partial closure of any of the strategic road network for the purposes of carrying out the specified works, National Highways will carry out a site inspection to satisfy itself that the strategic road network is, in its opinion, safe for traffic and the undertaker must comply with any requirements of National Highways prior to reopening the strategic road network.

(2) As soon as the undertaker considers that the provisional certificate may be properly issued it must apply to National Highways for the provisional certificate.

(3) Following an application for a provisional certificate, National Highways must as soon as reasonably practicable:

- (a) inspect the specified works; and
- (b) provide the undertaker with a written list of works that are required for the provisional certificate to be issued or confirmation that no further works are required for this purpose.

(4) When—

- (a) a stage 3 road safety audit for the specified works has been carried out and all recommendations raised including remedial works have (subject to any exceptions agreed) been approved by National Highways;
- (b) the specified works incorporating the approved remedial works under sub-paragraph (4)(a) and any further works notified to the undertaker pursuant to sub-paragraph 10(3)(b) have been completed to the satisfaction of National Highways;
- (c) the as built information has been provided to National Highways; and
- (d) the undertaker has paid the commuted sum to National Highways, National Highways must issue the provisional certificate.

(5) On the issue of the provisional certificate the bond sum shall be reduced to 20% of the total bond sum save insofar as any claim or claims have been made against the bond before that date in which case National Highways will retain a sufficient sum to ensure it does not have to meet any costs for or arising from the specified works.

(6) The undertaker must submit a stage 4 road safety audits as required by and in line with the timescales stipulated in the road safety audit standard. The undertaker must comply with the findings of the stage 4 road safety audit and must pay all costs of and incidental to such and provide updated as-built information to National Highways.

Opening

11. The undertaker must notify National Highways not less than 56 days in advance of the intended date of opening to the public of the strategic road network and the undertaker must notify National Highways of the actual date the strategic road network will be opened to the public within 14 days of that date.

Final condition survey

12.—(1) The undertaker must, as soon as reasonably practicable after making its application for a provisional certificate pursuant to paragraph 10(2), arrange for the highways structures and assets that were the subject of the condition survey to be re-surveyed and must submit the re-survey to National Highways for its approval. The re-survey will include a renewed geotechnical assessment required by DMRB CD622 if the specified works include any works beneath the strategic road network.

(2) If the re-surveys carried out pursuant to paragraph 12(1) indicates that any damage has been caused to a structure or asset, the undertaker must submit a scheme for remedial works in writing to National Highways for its approval in writing and the undertaker must carry out the remedial works at its own cost and in accordance with the scheme submitted.

(3) If the undertaker fails to carry out the remedial work in accordance with the approved scheme, National Highways may carry out the steps required of the undertaker and may recover any expenditure it reasonably incurs in so doing.

(4) National Highways may, at its discretion, at the same time as giving its approval to the re-surveys pursuant to paragraph 12(1) give notice in writing that National Highways will remedy any damage identified in the re-surveys and National Highways may recover any expenditure it reasonably incurs in so doing.

(5) The undertaker must make available to National Highways upon request copies of any survey or inspection reports produced pursuant to any inspection or survey of any specified work following its completion that the undertaker may from time to time carry out.

Defects Period

13.—(1) The undertaker must at its own expense remedy any defects in the strategic road network as are reasonably required by National Highways to be remedied during the defects period. All identified defects must be remedied in accordance with the following timescales—

- (a) in respect of matters of urgency, within 24 hours of receiving notification for the same (urgency to be determined at the absolute discretion of National Highways);
- (b) in respect of matters which National Highways considers to be serious defects or faults, within 14 days of receiving notification of the same; and
- (c) in respect of all other defects notified to the undertaker, within 4 weeks of receiving notification of the same.

(2) Following the expiry of the defects period National Highways has responsibility for routine maintenance of the strategic road network save for any soft landscaping works which must be established and which must thereafter be maintained for a period of 3 years by and at the expense of the undertaker.

Final Certificate

14.—(1) The undertaker must apply to National Highways for the final certificate no sooner than 12 months from the date of the provisional certificate.

(2) Following receipt of the application for the final certificate, National Highways must as soon as reasonably practicable:

- (a) inspect the strategic road network; and
- (b) provide the undertaker with a written list of any further works required to remedy or make good any defect or damage in the strategic road network or confirmation that no such works are required for this purpose.

(3) The undertaker must carry out such works notified to it pursuant to sub-paragraph 14(2).

(4) When National Highways is satisfied that:

- (a) any defects or damage arising from defects during the defects period and any defects notified to the undertaker pursuant to sub-paragraph 14(2) and any remedial works required as a result of the stage 4 road safety audit have been made good to the satisfaction of National Highways; and
- (b) the NH costs have been paid to National Highways in full;
- (c) National Highways must issue the final certificate after which the bond shall be released in full.

(5) The undertaker must pay to National Highways within 28 days of demand the costs reasonably incurred by National Highways in identifying the defects and supervising and inspecting the undertaker's work to remedy the defects that it is required to remedy pursuant to these provisions.

Security

15.—(1) The specified works must not commence until—

- (a) the undertaker procures that the specified works are secured by a bond from a bondsman first approved by National Highways in the agreed form between the undertaker and National Highways to indemnify National Highways against all losses, damages, costs or expenses arising from any breach of any one or more of the obligations of the undertaker in respect of the exercise of the powers under this Order and the specified works under the provisions of this Part of this Schedule provided that the maximum liability of the bond must not exceed the bond sum; and
- (b) the undertaker has provided the cash surety which may be utilised by National Highways in the event of the undertaker failing to meet its obligations to make payments under paragraph 9 or to carry out works the need for which arises from a breach of one or more of the obligations of the undertaker under the provisions of this Part of this Schedule.

Commuted sums

16.—(1) National Highways must provide to the undertaker an estimate of the commuted sum, calculated in accordance with FS Guidance S278 Commuted Lump Sum Calculation Method dated 18 January 2010 or any successor guidance, prior to the commencement of the specified works.

(2) The undertaker must pay to National Highways the commuted sum prior to the issue of the provisional certificate.

Insurance

17. Prior to the commencement of the specified works the undertaker must effect public liability insurance with an insurer in the minimum sum of £10,000,000.00 (ten million pounds) in respect of any one claim against any legal liability for damage loss or injury to any property or any person as a direct result of the execution of specified works or use of the strategic road network by the undertaker.

Indemnity

18. The undertaker fully indemnifies National Highways from and against all costs, claims, expenses, damages, losses and liabilities suffered by National Highways arising from the construction, maintenance or use of the specified works or exercise of or failure to exercise any power under this Order within 30 days of demand save for any loss arising out of or in consequence of any negligent act or default of National Highways.

Maintenance of the specified works

19.—(1) The undertaker must, prior to the commencement of any works of maintenance to the specified works, give National Highways 28 days' notice in writing of the date on which those works will start unless otherwise agreed by National Highways, acting reasonably.

(2) If, for the purposes of maintaining the specified works, the undertaker needs to occupy any road space, the undertaker must comply with National Highways' road space booking requirements and no maintenance of the specified works for which a road space booking is required shall commence without a road space booking having first been secured.

(3) The undertaker must comply with any requirements that National Highways may notify to the undertaker, such requirements to be notified to the undertaker not less than 7 days' in advance of the planned commencement date of the maintenance works.

(4) The provisions of paragraph 11 shall apply to the opening of any part of the strategic road network following occupation of any road space under this paragraph.

Land

20.—(1) The undertaker must not under the powers of this Order:

- (a) acquire or use land forming part of;
- (b) acquire new or existing rights over; or
- (c) seek to impose or extinguish any restrictive covenants over;

any of the strategic road network, or extinguish any existing rights of National Highways in respect of any third party property, except with the consent of National Highways by written request to legalservicesteam@nationalhighways.co.uk.

Expert Determination

21.—(1) Article 43 (*arbitration*) of the Order does not apply to this Part of this Schedule.

(2) Any difference under this Part of this Schedule may be referred to and settled by a single independent and suitable person who holds appropriate professional qualifications and is a member

of a professional body relevant to the matter in dispute acting as an expert, such person to be agreed by the differing parties or, in the absence of agreement, identified by the President of the Institution of Civil Engineers.

(3) On notification by either party of a dispute, the parties must jointly instruct an expert within 14 days of notification of the dispute.

(4) All parties involved in settling any difference must use best endeavours to do so within 21 days from the date that an expert is appointed.

(5) The expert must—

- (a) invite the parties to make submission to the expert in writing and copied to the other party to be received by the expert within 7 days of the expert's appointment;
- (b) permit a party to comment on the submissions made by the other party within 7 days of receipt of the submission;
- (c) issue a decision within 7 days of receipt of the submissions under sub-paragraph (b); and
- (d) give reasons for the decision.

(6) Any determination by the expert is final and binding, except in the case of manifest error in which case the difference that has been subject to expert determination may be referred to and settled by arbitration under article 43 (*arbitration*).

(7) The fees of the expert are payable by the parties in such proportions as the expert may determine or, in the absence of such determination, equally.