

Highways England Company Limited

Area 3

Maintenance and Response Contract

Network Information

CONTENTS AMENDMENT SHEET

Amend No.	Revision No.	Amendments	Initials	Date
1	1	[REDACTED]	[REDACTED]	[REDACTED]
1	2	[REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]
1	3	[REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]
1	4	[REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]
1	5	[REDACTED]	[REDACTED]	[REDACTED]
1	6	[REDACTED] [REDACTED]	[REDACTED]	[REDACTED]
1	7	[REDACTED] [REDACTED]	[REDACTED]	[REDACTED]
1	8	[REDACTED] [REDACTED]	[REDACTED]	[REDACTED]
1	9	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]
2	1	[REDACTED]	[REDACTED]	[REDACTED]
2	2	[REDACTED] [REDACTED]	[REDACTED]	[REDACTED]
2	3	[REDACTED] [REDACTED]	[REDACTED]	[REDACTED]
2	4	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]
2	5	[REDACTED]	[REDACTED]	[REDACTED]

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1 AFFECTED PROPERTY

1.1 Affected Property: Boundary and Summary Information

1.1.1 Area Boundaries

The boundaries of Area 3 and the motorways and trunk roads within it for which the *Client* is responsible are shown on:

[Area 3 NI 1.1.1 Area Map Rev 0.pdf](#)

The Affected Property also includes the additional lands (which may be outside the area boundaries).

1.1.2 Network Interface Plans

The Network Interface Plans identify the junctions and other areas where the boundary of the Affected Property may not be clear. On-line access to the HAPMS database may also be available by appointment.

Refer to: [Area 3 NI 1.1.2 Network Interface Plans Rev 0](#)

1.1.3 Data Sources

The data provided in sections 1.2 to 1.17 is taken from the information sources identified in the tables below. Different information sources may contain different data on assets. The *Contractor* should note that this data is provided for information only. Where relevant prices must be based on the quantities provided within the Price List. Whilst every effort has been made to verify the information, the *Client* does not warrant the completeness or the accuracy of the information, nor will it be responsible for any inconsistencies or discrepancies in or between the various data sources. The *Client* does not intend to make available any further information during the tender period as to the extent of the assets comprising the Affected Property.

Clients Information Systems:

Information source	Information Description
HALOGEN	Technology fault data
Highways Agency Pavement Management System (HAPMS)	Affected Property Summary Information, Carriageways.
CONFIRM	Highway asset inventory
Highways Agency Drainage Data Management System (HADDMS)	Drainage

Highways Agency Geotechnical Data Management System (HAGDMS)	Earthworks
Highways Agency Environmental Information System (HA)EnvIS	Soft Estate
IAMIS STRUCTURES	Structures
Energy Procurement Strategy (EPS) inventory data	Lighting
Tools for Technology Operational Centre (T-TOC)	Traffic Signals, Technology Systems, Traffic Technology Systems
Technology Performance Management System (TPMS) TPMS will be replaced by ServiceNow	Roadside Technology data

Other asset data sources:

Information source	Information Description	Data Collection
Other provider's electronic document and records	Various asset types Tunnels, Soft estate, Winter Service Details, Clients Premises, Third Party Contact Details, Clients Vehicles and Stocks, Historical Data, ROTTMS	Information provided by other provider.

1.1.4 Affected Property Data

The Affected Property Data lists lengths of trunk road and/or motorway, including the number of lanes that are included in the Affected Property at the *access date*.

[Area 3 NI 1.1.4 Affected Property Data Rev 0.xlsx](#)

1.1.5 Chart Reference Data

Refer to:

[Area 3 NI 1.1.5 Chart Reference Data Rev 0.xlsx](#)

1.1.6 Summary of Network Lengths

Additional Network Information is held in the Highways England databases and access may be provided by appointment.

[Area 3 NI 1.1.6 Summary of Network Lengths \(HAPMS\) Rev 1](#)

1.1.7 Summary of Roadside Technology Data

Roadside technology data is provided in Section 1.5

1.1.8 Diversion Routes

[Area 3 NI 1.1.8 Diversion Routes Part 1.pdf](#)

[Area 3 NI 1.1.8 Diversion Routes Part 2.pdf](#)

1.2 Carriageways

1.2.1 Construction Details

Refer to:

[Area 3 NI 1.2.1 Ox-Bow Laybys \(HAPMS\) Rev 0.xlsx](#)

[Area 3 NI 1.2.1 Construction Details A3 \(HAPMS\) Rev 0.xlsx](#)

[Area 3 NI 1.2.1 Construction Details A3M \(HAPMS\) Rev 0.xlsx](#)

[Area 3 NI 1.2.1 Construction Details A27 \(HAPMS\) Rev 0.xlsx](#)

[Area 3 NI 1.2.1 Construction Details A31 \(HAPMS\) Rev 0.xlsx](#)

[Area 3 NI 1.2.1 Construction Details A34 \(HAPMS\) Rev 0.xlsx](#)

[Area 3 NI 1.2.1 Construction Details A303 \(HAPMS\) Rev 0.xlsx](#)

[Area 3 NI 1.2.1 Construction Details A308M \(HAPMS\) Rev 0.xlsx](#)

[Area 3 NI 1.2.1 Construction Details A404 \(HAPMS\) Rev 0.xlsx](#)

[Area 3 NI 1.2.1 Construction Details A404M \(HAPMS\) Rev 0.xlsx](#)

[Area 3 NI 1.2.1 Construction Details M3 \(HAPMS\) Rev 0.xlsx](#)

[Area 3 NI 1.2.1 Construction Details M4 \(HAPMS\) Rev 0.xlsx](#)

[Area 3 NI 1.2.1 Construction Details M27 \(HAPMS\) Rev 0.xlsx](#)

[Area 3 NI 1.2.1 Construction Details M271 \(HAPMS\) Rev 0.xlsx](#)

[Area 3 NI 1.2.1 Motorway Refuge Areas EA spacings Rev 0.xlsx](#)

1.2.2 Kerbs, edgings and pre-formed channels

Refer to:

[Area 3 NI 1.2.2 Kerbs \(CONFIRM\) Rev 0](#)

Channels are recorded in HADDMS data.

1.3 Footways and Cycle Tracks

Refer to:

[Area 3 NI 1.3.1 Footways \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.3.2 Cycle tracks \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.3.3 Combined footways and cycle tracks \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.3.4 NMU crossing \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.3.5 Pedestrian crossing \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.3.6 Steps \(CONFIRM\) Rev 0](#)

1.4 Drainage

Refer to:

[Area 3 NI 1.4 HADDMS Data Rev 0 Part 1](#)

[Area 3 NI 1.4 HADDMS Data Rev 0 Part 2](#)

[Area 3 NI 1.4 HADDMS Drainage Data Formats Rev 0.pdf](#)

[Area 3 NI 1.4 Flood High Risk Areas Rev 0](#)

[Area 3 NI 1.4 HADDMS Flood Hotspots Rev 0](#)

Note: There are known data quality issues with HADDMS data which have resulted in duplication of assets. Highways England will be undertaking a consolidation exercise to address data issues. The quantities provided in the Price List Schedule A are derived to more accurately represent the assets to be maintained.

1.4.1 Piped Drainage Systems

Refer to HADDMS data

1.4.2 Gullies, catchpits, grit traps, interceptors, soakaways & manholes

Refer to HADDMS data

1.4.3 Outfalls to surface waters

Refer to HADDMS data

1.4.4 Piped and Unpiped Grips

Refer to HADDMS data

1.4.5 Ditches

Refer to HADDMS data

1.4.6 Filter drains & fin/narrow filter drain

Refer to HADDMS data

1.4.7 Culverts

Refer to HADDMS data

1.4.8 Balancing Ponds

Refer to [Area 3 NI 1.4.8 Balancing pond Rev 0.xls](#) and HADDMS data

1.4.9 Ancillary items

Refer to [Area 3 NI 1.4.9 Pumps Rev 0.xls](#) and HADDMS data

1.4.10 Linear drainage Systems

Refer to HADDMS data

1.4.11 Third Party Connections

Refer to HADDMS data

1.4.12 Consents

For details of drainage consents at depots, refer to Section 1.16.2
Compounds, Depots and Storage Facilities.

1.5 Operational Technology

1.5.1 Roadside Technology (In scope)

The Roadside Technology assets in the Affected Property to be maintained by the *Contractor* from the *access date* are detailed below.

[Area 3 NI 1.5.1 Technology Asset Inventory Rev 0.xlsx](#)

[Area 3 NI 1.5.1 MCY drawings Rev 0](#)

[Area 3 NI 1.5.1 AMI Alignment MCX 0914C Rev 0.pdf](#)

Technology Operation and Maintenance Manuals have been issued to tenderers separately on a share folder due to the file size. Access should be requested from the Procurement Officer through eBravo. This information will be incorporated into the contract set of documents at award.

1.5.2 Other Operational Technology (Out of scope)

Operational technology assets maintained by Others are listed below and include, but not limited to:

- Regional Operation Centre Technology
- NRTS Technology (presented in the MCY drawings in Section 1.5.1)
- NRTS Transmission stations
- HADECS and REDX cameras
- Radio re-broadcast (mobile phones)

[Area 3 NI 1.5.2 Enforcement Cameras HADECS Rev 0.xlsx](#)

[Area 3 NI 1.5.2 Instations \(Out of Scope\) Rev 0.xlsx](#)

[Area 3 NI 1.5.2 Other Operational Technology NRTS Transmission Stations \(Out of Scope\) Rev0.xlsx](#)

1.6 Earthworks

Refer to:

[Area 3 NI 1.6.1 Earthworks Observations \(HAGDMS\) Rev 0.xlsx](#)

[Area 3 NI 1.6.2 HAGDMS GAD data \(HAGDMS\) Rev 0.xlsx](#)

[Area 3 NI 1.6.3 Geotechnical Asset Management Plan Rev 0.pdf](#)

[Area 3 NI 1.6.3 Geotechnical Asset Monthly Report - 2020-04 \(HAGDMS\) Rev 0.pdf](#)

[Area 3 NI 1.6 Potential Scree Locations Rev 0.xlsx](#)

1.7 Soft Estate

For all Soft Estate documents refer to:

[Area 3 NI 1.7 Soft Estate \(ENVIS\) Rev 0](#)

[Area 3 NI 1.7 CES data Rev 0](#)

Note: There are discrepancies in soft estate categories between ENVIS and CES data and known issues in relation to data quality and coverage. Asset quantities provided within Schedule A were primarily based on ENVIS.

1.7.1 Grassed Areas

Refer to: [Area 3 NI 1.7 Verges \(IAMIS\) Rev 0](#)

1.7.2 Banks and Ditches

Refer to: ENVIS and HADDMS data.

1.7.3 Invasive Weed Control

Refer to: ENVIS and the Weed Control Plan in 1.7.9

1.7.4 Injurious Weed Control

Refer to: ENVIS and the Weed Control Plan in 1.7.9

1.7.5 Wildflower Areas and Areas of Nature Conservation Value

Refer to: ENVIS

1.7.6 Trees and Hedges

Refer to: ENVIS

1.7.7 Ornamental Planted Areas

Refer to: ENVIS

1.7.8 Special Ecological Measures

Refer to: ENVIS

1.7.9 Soft Estate Documents

Refer to:

[Area 3 NI 1.7.9 SSSI Management Plan Langstone Harbour Rev 0.pdf](#)

[Area 3 NI 1.7.9 SSSI Management Plan River Itchen Rev 0.pdf](#)

[Area 3 NI 1.7.9 SSSI Management Plan Thursley Hankley and Frensham Commons Rev 0.pdf](#)

[Area 3 NI 1.7.9 SSSI Management Plan Sugworth Rev 0.pdf](#)

[Area 3 NI 1.7.9 SSSI Management Plan Butter Wood Rev 0.pdf](#)

[Area 3 NI 1.7.9 SSSI Management Plan Bramshott and Ludshott Commons Rev 0.pdf](#)

[Area 3 NI 1.7.9 SSSI Management Plan Slop Bog and Uddens Heath Rev 0.pdf](#)

[Area 3 NI 1.7.9 SSSI Management Plan New Forest Rev 0.pdf](#)

[Area 3 NI 1.7.9 Bramshot and Ludshott Commons SSSI Specification Rev 0.xlsx](#)

[Area 3 NI 1.7.9 Soft Estate Calendar 2020 Rev 0.xlsx](#)

[Area 3 NI 1.7.9 Environmental management plan 2020 Rev 0.pdf](#)

[Area 3 NI 1.7.9 A3 Hindhead Handover Environmental Management Plan Rev 0.pdf](#)

[Area 3 NI 1.7.9 CES Area 3 AD Soft Estate Management Strategy Rev 0.pdf](#)

[Area 3 NI 1.7.9 Vegetation Management Booklet 2020 Rev 0.pdf](#)

[Area 3 NI 1.7.9 Weed Control Plan 2020 Rev 0.pdf](#)

[Area 3 NI 1.7.9 Ash dieback Information Rev 0.pdf](#)

1.8Sweeping and Cleaning

1.8.1 Relevant Highways/Roads which are the responsibility of the *Client*

The Secretary of State has responsibility for fulfilling the requirements on the motorway network and local authorities, typically have responsibility for sweeping and cleaning of APTR. Section 86(11) of the Environmental Protection Act (1990) allows the Secretary of State to transfer responsibilities from the local authority to the highway or road authority. Details of those sections of road where the Secretary of State has exercised this power:

A27 from the southern end of the A3(M) to its junction with the M27 Motorway (Junction 13).

1.8.2 Removal of litter and detritus from Subways and Footbridges

There are no known relevant subways and footbridges which are the responsibility of *Client*.

1.8.3 Hardstanding Paved Areas and Central Reserve

Refer to:

[Area 3 NI 1.8.3 Central Reserve \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.8.3 Central Island \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.8.3 Crossovers \(CONFIRM\) Rev 0](#)

1.8.4 Picnic and Amenity Areas

Refer to:

[Area 3 NI 1.8.4 Avon Heath Lorry Park Rev 0.pdf](#)

[Area 3 NI 1.8.4 A27 Car Park Rev 0.pdf](#)

The *Contractor* carries out litter picking to maintain to grade A twice a week at A27 Farlington and three times per week at the A31 Avon Heath Lorry park, as per the Required Level of Service and Schedule A. The two sites are recorded under Chart Sections 1700A27/146 and 1200A31/486 for ease of reference.

1.8.5 Litter Hotspots

Refer to:

[Area 3 NI 1.8.5 North Litter Hotspots Rev 0.xlsx](#)

[Area 3 NI 1.8.5 South Litter Hotspots Rev 0.xlsx](#)

1.9 Fencing and Road Restraint Systems

1.9.1 Road Restraint Systems

Refer to:

[Area 3 NI 1.9.1 Cattle grid \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.9.1 Handrail \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.9.1 End terminal \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.9.1 Pedestrian guard rail \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.9.1 Carriageway gates \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.9.1 Crash cushions \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.9.1 Safety barrier concrete \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.9.1 Safety barrier steel \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.9.1 Untensioned Corrugated VRS](#)

For SwiftGate requirements refer to:

[Area 3 NI 1.9.1 SwiftGate Report Rev 0.pdf](#)

At the boundaries of the Affected Property tensioned safety fencing shall be re-tensioned to the nearest adjuster or anchorage assembly outside of the Affected Property boundary.

1.9.2 Fences, Walls, Screens and Environmental Barriers

Refer to:

[Area 3 NI 1.9.2 Anti Glare Barrier \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.9.2 Brick wall \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.9.2 Block wall \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.9.2 Fence \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.9.2 Fence gates \(CONFIRM\) Rev 0](#)

1.9.3 Permanent Snow Fencing

No permanent snow fencing in the Area 3 Affected Property.

1.9.4 Temporary Snow Fencing

No temporary snow fencing in the Area 3 Affected Property.

1.10 Road Markings and Studs

1.10.1 Road Markings

Refer to:

[Area 3 NI 1.10.1 Hatched road markings \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.10.1 Longitudinal road markings \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.10.1 Transverse and special markings \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.10.1 Reference Markings \(CONFIRM\) Rev 0](#)

1.10.2 Studs

Refer to:

[Area 3 NI 1.10.2 Road Studs \(CONFIRM\) Rev 0](#)

1.11 Traffic Signs

1.11.1 Traffic Signs

Refer to:

[Area 3 NI 1.11.1 Sign Posts \(CONFIRM\) Rev 0](#)

[Area 3 NI 1.11.1 Sign Faces \(CONFIRM\) Rev 0](#)

1.11.2 Hazard Marker Posts, Illuminated Bollards, Marker Posts & Refuge Beacons

Refer to:

[Area 3 NI 1.11.2 Safety Bollards \(CONFIRM\) Rev 0](#)

1.11.3 Mechanical Driver Information Signs

Refer to:

[Area 3 NI 1.11.3 Prism Controllers Rev 0.xlsx](#)

1.12 Traffic Signals

Refer to:

[Area 3 NI 1.12.1 Traffic signals \(CONFIRM\) Rev 0](#)

For traffic signals controllers within TPMS please refer to Section 1.5.1.

1.13 Lighting

1.13.1 Column Lighting

Refer to:

[Area 3 NI 1.13.1 Street Lighting Illuminated Signs \(EPS\) Rev 0.xlsx](#)

1.13.2 Sign Lighting

Refer to: EPS data

1.14 Structures

Refer to:

[Area 3 NI 1.14 Structures Healthcheck Rev 0](#)

[Area 3 NI 1.14 List of Private Structures Rev 0.xlsx](#)

1.14.1 List of structures and date of last inspection

Refer to:

[Area 3 NI 1.14.1 List of Structures inc Insp dates Rev 0.xlsx](#)

1.14.2 Additional Structures information and 277 Forms for each structure

Refer to:

[Area 3 NI 1.14.2 Working Restrictions Rev 0.pdf](#)

[Area 3 NI 1.14.2 Structures DB Schedules](#)

Additional structures information and 277 forms are available in IAMIS STRUCTURES.

1.14.3 List of substandard structures and features e.g. deck capacities, parapets, supports etc.

Refer to: [Area 3 NI 1.14.3 List of Substandard Structures and Features Rev 0.xls](#)

1.14.4 List of historic (listed) structures

Refer to: [Area 3 NI.1.14.4 List of Historic \(Listed\) Structures Rev 0.xlsx](#)

1.14.5 List of monitored structures with reason for monitoring

Refer to: [Area 3 NI 1.14.5 List of Monitored Structures Rev 0.xlsx](#)

1.14.6 List of special structures (lifting bridges etc.) within the Affected Property

There are not special structures within the affected property. For Tunnel information refer to section 1.15.

1.14.7 List of Special problems like statutory undertaker's agreements

Refer to:

[Area 3 NI 1.14.7 List of Statutory Undertakers Rev 0.xlsx](#)

1.14.8 List of structures where particular environmental conditions apply

Refer to:

[Area 3 NI 1.14.8 List of Structures where Enviro Conditions Apply Rev 0.xlsx](#)

1.14.9 Routine maintenance schedule

Routine maintenance schedules are recorded in IAMIS.

For information regarding pumps within structures, refer to Section 1.4.9.

1.15Tunnels

Hindhead Tunnel is twin bore 1.83km long, comprising dual two lane carriageways of the A3 trunk road between Thursley Junction to the north and Hazel Grove Junction to the south and passing under Hindhead Common (Devil's Punch Bowl).

The Tunnel is controlled from the SE Regional Operations Centre (ROC) at Godstone with fall-back position at the Principal Tunnel Service Building (PTSB) situated at the Northern Portal.

[Area 3 NI 1.15 GI&PI Inspections Rev 0](#)

[Area 3 NI 1.15 HHT Ops risk RA REV 0](#)

[Area 3 NI 1.15 Maximo Asset Files Rev 0](#)

[Area 3 NI 1.15 Tunnel Plans Rev 0](#)

[Area 3 NI 1.15 Tunnel Service Tunnel Building Drawings Rev 0](#)

[Area 3 NI 1.15 Tunnels Inventory Rev 0](#)

[Area 3 NI 1.15 MOR Rev 0](#)

[Area 3 NI 1.15 Incident Response Plan Rev 0](#)

[Area 3 NI 1.15 Tunnel Schematics Rev 0](#)

Additional information relating to Hindhead tunnel has been issued to tenderers separately on a share folder due to the file size. Access should be requested from the Procurement Officer through eBravo. This information will be incorporated into the contract set of documents at award.

For Hindhead Tunnel Diversion routes please refer to the emergency response plan within the incident response plan folder.

1.16 Client's Premises

1.16.1 Office Space

Office space is to be made available by the *Client* for the use of the *Contractor* is detailed in Section 1.16.2.

Permanent office space will not be provided at the ROC but provision for the *Contractor* may be possible during joint operations on a strictly temporary basis only.

Permanent office space will be made available by the *Client* for the use of the *Contractor* at certain depots as detailed in Section 1.16.2 Compounds, Depots and Storage Facilities.

Please refer to Scope Annex 14 for details of the requirements for Premises Management and the accommodation to be made available for the *Client*.

Information regarding tunnel buildings is in Section 1.15.

1.16.2 Compounds, Depots and Storage Facilities

Compounds, depots and storage facilities are to be made available by the *Client* for the use of the *Contractor*.

[Area 3 NI 1.16.2 Depot Assets Rev 0.xlsx](#)

[Area 3 NI 1.16.2 Bray Depot Rev 0](#)

[Area 3 NI 1.16.2 Chieveley Depot Rev 0](#)

[Area 3 NI 1.16.2 Dummer Depot Rev 0](#)

[Area 3 NI 1.16.2 Easton Lane Depot Rev 0](#)

[Area 3 NI 1.16.2 Hazel Grove Depot Rev 0](#)

[Area 3 NI 1.16.2 Hook Depot Rev 0](#)

[Area 3 NI 1.16.2 Ower Depot Rev 0](#)

[Area 3 NI 1.16.2 Park Gate Depot Rev 0](#)

[Area 3 NI 1.16.2 Shefford Woodlands Depot Rev 0](#)

[Area 3 NI 1.16.2 Whitley Wood Depot Rev 0](#)

[Area 3 NI 1.16.2 Depot Maintenance Boundaries Rev 0](#)

[Area 3 NI 1.16.2 Depot Directions Locations.pdf](#)

[Area 3 NI 1.16.2 Discharge Consents Rev 1](#)

[Area 3 NI 1.16.2 Premises utilities suppliers.xlsx](#)

[Area 3 NI 1.16.2 Depot drainage plans Rev 0](#)

[Area 3 NI 1.16.2 Depot parking details Rev 0](#)

A new depot will be made available in Guildford area. The depot will provide the following:

- Car Parking Areas
- Mess room
- Toilet Facilities and Shower block
- Salt Barn
- Winter housing structure (hold x3 winter vehicles)
- Material store building
- Storage containers
- Garage
- Yard
- Loose Material Bays
- Skips
- Wash Down Shed
- Brine and Diesel Ad Blue Tanks
- Contaminated waste store
- Material, Plant, Petrol, Waste, Sign and PPE store buildings
- Winter Fleet Parking
- Gas cage
- Drying Room
- Technology storage building

For information regarding pumps within depots, refer to Section 1.4.9.

1.16.3 Tunnel buildings

The Tunnel buildings are:

- Principal Tunnel Service Building (PTSB), and
- Secondary Tunnel Service Building (STSB).

Details of both buildings are provided in Section 1.15.

The *Contractor* maintains the Tunnel Service Buildings in accordance with Annex 14. The *Client* requires access and use of systems within them in emergency situations as detailed in the tunnel Minimum Operation Requirements.

1.17 Included and Excluded Assets

This defines all assets outside the Affected Property boundary that the *Contractor* is responsible for maintaining/operating and all assets within the Affected Property boundary that the *Contractor* is not responsible for maintaining/operating during the Service Period.

1.17.1 Included Assets

Details of facilities that shall be included as part of the Affected Property, notwithstanding that these assets may be located outside the boundaries of the Affected Property.

- Landscaped areas (including habitats) as detailed in Section 1.7 Soft Estate;
- Structures as listed in Section 1.14.1 List of structures;
- All depots, compounds and storage facilities as listed in Section 1.16 *Client's Premises*;
- Portsmouth Harbour surface water drainage flap valves;
- Main routes through Winchester, Fleet and Membury Motorway Service Areas for the purposes of precautionary treatments and snow clearance only;
- A31 Avon Heath Lorry Park;
- A27 Eastern Road Car Park;
- A31 County Assets (signs, bollards and lighting) on traffic islands at roundabout;
- A31 Charborough Park Sightlines;
- Cattle grids as detailed in Section 1.9.1;
- Magnetometers as listed under Section 1.5.1;
- Traffic markings, road studs and lit and unlit traffic signs, located on road intersections within the Area, not located within the Area boundaries, and whose installation or affixing on, to or by such road is necessitated solely by reason of the intersection of such road with a road within the Affected Property;
- Communication and electrical cabling and associated equipment, e.g. feeder pillars located outside the boundary of the Affected Property. e.g. on local authority roads whose installation forms an integral part of the Affected Property's infrastructure;
- Routes deemed part of the Affected Property for the purpose of Winter Service;
- Drainage assets as per 1.4 (including balancing ponds and pumps)
- Black Dam Roundabout. [Refer to Black Dam Roundabout Rev 0](#)
- Hart Farm cycleway (alongside the A27) from Farlington Marshes car park to Harts Farm Way, Havant.
- Safety fences within Chart Section 1200A31/496

1.17.2 Excluded Assets

Details of assets that are excluded from the Affected Property notwithstanding that these assets be located inside the boundaries of the Affected Property.

The following items are excluded:

- Transmission station buildings, roadside ducts for communication cables, chambers for communication ducts and cables (i.e. NRTS);
- CCTV Bridges;
- All technology inventory items maintained by others listed in section 1.5.2;
- Tunnel connecting infrastructure;
- The Tunnel control equipment at the Tunnel service buildings;
- Monitoring of SCADA system at Hindhead Tunnel.

2 POTENTIAL CHANGES TO THE AFFECTED PROPERTY

This section describes any future known changes to the Affected Property.

2.1 Changes to Network Assets

For changes to the Affected Property refer to the individual project summaries below:

M3 Junction 9 Improvements

The scheme involves rebuilding the junction and providing free flow links between the A34 and M3. An existing maintenance depot is also to have its access arrangements altered and walking, cycling and horse-riding connectivity is to be improved. There will be additional technology that will be provided to support tie – in with the planned M3 9-14 SMP south of this project and there is likely to be maintenance and repair considerations that overlap with that section of the SMP scheme and both project teams will continue to closely collaborate. Works will start in 2021/22 with no confirmed date yet of when it will be open to traffic

[Area 3 NI 2.1 M3 Junction 9 Improvements M&R strategy Rev 0.pdf](#)

[Area 3 NI 2.1 M3 Junction 9-PEIR Env Re.pdf](#)

M3 Junctions 9 to 14: Smart Motorway

Work began in 2019/20 to upgrade the M3 between junction 9 (Winchester / A34 interchange) and junction 14 (M27 Southampton interchange) to an all-lane running smart motorway. The scheme was announced in 2015 by the government and will link to the smart motorway scheme on the M27. The road will be open to traffic in 2021/22.

[Area 3 NI 2.1 M3 J9 to 14 SMP Environmental Appraisal Report.pdf](#)

M27 Junctions 4 to 11: Smart Motorway

Upgrade to the M27 between junction 4 (M3 interchange) and junction 11 (Fareham) by turning the hard shoulder into a permanent running lane, making a dual four-lane, smart motorway. Works started in January 2019 and will be open to traffic 2020/21.

[Area 3 NI 2.1 M27 J4 to J11 SMP Environmental Assessment Report.pdf](#)

M27 Southampton Junctions

Improvements to the M27 junction 8 and Windhover roundabout. The primary aims of the scheme is to reduce congestion and improve safety between M27 Junctions 8 and 5 (westbound) within the confines of protecting and enhancing the environment as a Highways England license requirement. It seeks to do this through removing bottlenecks (including the removal of the pinch point), and increasing capacity on the local network along the A3024 corridor (which connects the M27 Junction 8 to the Southampton City Centre) in order to encourage traffic to use the shorter, sign-posted routes to the city centre via M27 Junction 8/A3024 rather than via M27 Junction 5/A335. This in turn will improve traffic flow and reliability on the M27 between Junction 8 and Junction 5. Works to start September 2020.

[Area 3 NI 2.1 M27 Southampton junction Environmental Assessment Report](#)

[Area 3 NI 2.1 Stage 3 - M27 Southampton Junction - Maintenance and Repair Strategy Statement- PCF Product Rev 0.pdf](#)

M27 Southampton Junction M&R Strategy Improvements

The scheme involves localised widening and signalisation of the junction and roundabout with upgrades to walking and cycling provision. This scheme is also within the extents of tranche 3 smart motorways programme (SMP) M27 J4-11 scheme which consists of an upgrade to dual four all lane running. There are maintenance and repair strategies that overlap with that section of the SMP scheme and both project teams will continue to closely collaborate. These are planned works with no start date defined yet.

M271 and A35 Redbridge roundabout M&R Strategy Improvements

The M271 Redbridge Roundabout scheme involves:

- i. Provision of a segregated free-flow left turning link between M271 southbound and A33 eastbound on-slip.
- ii. Four 4m wide circulatory lanes on the southern side of the roundabout.
- iii. Relocation of the existing toucan crossing across the A33 eastbound on-slip to approximately 100m east of its existing location.
- iv. Removal of the existing bus gate and 'bus gate priority signals' on the A33 westbound off-slip, and relocation of the existing toucan crossing closer to the roundabout.
- v. Closure of the southern subway, and provision of an additional toucan crossing across the east-side roundabout circulatory carriageway to link with the two toucan crossings across the A33 slip roads.
- vi. Replacement of the existing footbridge with a new/upgraded bridge suitable for cyclists and pedestrians.
- vii. Refurbishment of the northern subway including improvements to approach ramps, lighting provision, walls, pedestrian barriers and mirrors.
- viii. Speed reduction to mitigate risk introduced by Departures from Standards (DfS) to road users, comprising a permanent 40 mph speed limit on the final 120 m (approx.) approach to the junction, the roundabout and A33/A35 slip roads, and a permanent 50 mph speed limit on the M271 southbound. The effect of a temporary 50 mph speed limit along the M271 southbound between J1 and the

40 mph boundary approach during construction will be monitored to enable determination of likely self-enforcement of the speed limit.

- ix. Additional warning signing, advisory 30 mph speed limit and modified advance direction signs to show the new layout.
- x. 4m wide shared surface foot/cycle way on the south side of A33/A35.
- xi. Modified lighting, vehicle restraint, traffic signals and signs [including Vehicle Activated Signing (VAS)] to accord with the new layout and/or to mitigate risks introduced by DfS for road users and road workers.
- xii. High PSV surfacing on the SLTL, roundabout, circulatory carriageway and A33/35 slip roads.

The works started in May 2019 and are due to be open to traffic in Summer 2020.

[Area 3 NI 2.1 M271 Redbridge Roundabout M&R Strategy Rev 0.pdf](#)

A31 Ringwood PCF Stage 3

Replacing 2 bridges and widening the A31 to 3 lanes at Ringwood, between the A31 junction for Ringwood town centre, the B3347 Mansfield Road and the B3081 Verwood Underpass. Works are to begin in 2021 and will be open to traffic in Winter 2022.

[Area 3 NI 2.1 A31 Ringwood- PCF Stage 3 - Rev 0.pdf](#)

[Area 3 NI 2.1 A31 Ringwood consultation brochure.pdf](#)

A34 Technology Enhancements

Introduction of new technology on the A34 between the M4 at Chieveley and the M40 at Wendlebury. Introduce CCTV cameras and driver information systems at several locations along the A34 between the M4 and the M40 and also installing “vehicle detection loops”. These are loops in the road that use radar technology to detect when traffic is building or slowing down. They then activate electronic message signs accordingly. This area suffers from congestion and the scheme is needed to help ease this, as well as to manage incidents more effectively. Works started in 2019/20 the date for works to be open to traffic is to be confirmed.

M4 Junctions 3 to 12: Smart Motorway

Making the M4 a smart motorway between junctions 3 and 12. Works started in March 2018 and is due to be open to traffic Spring 2022.

[Area 3 NI 2.1 Area 3-4 Proposed Sections Rev 0.pdf](#)

[Area 3 NI 2.1 M4 J3 to J12 SMP PEIR non technical summary.pdf](#)

[Area 3 NI 2.1 Area 4 3 Maintenance Boundary ASC Rev 0.PDF](#)

2.2 Changes to Client's Premises

For the new depot please see section 1.16.2.

3 CLIENT'S VEHICLES AND CLIENT'S STOCKS

3.1 Client's Vehicles

List of vehicles that will be made available by the *Client* for the use of the *Contractor* in accordance with the GM701-ADAMr and Scope, Section 17.

The list of vehicles is included in the Severe Weather Plan. See Scope Annex 03.

For vehicle manuals, please refer to:

- [Romaquip spreader body operators manual](#)
- [Volvo drivers handbook](#)

3.2 Client's Stocks

List of stocks that will be made available by the *Client* for the use of the *Contractor* in accordance with GM-701 ADAMr and Scope Section 16.

[Area 3 NI 3.2 Weekly On Hand Balance Report Rev 0.xlsx](#)

[Area 3 NI 3.2 Spill kit Rev 0](#)

[Area 3 NI 3.2 Employers Stocks Rev 0.xls](#)

[Area 3 NI 3.2 Stock list Rev 0.xlsx](#)

[Area 3 NI 3.2 Traka Cabinets and Airwave Equipment Rev 0.xlsx](#)

For a list of Portable Variable Message signs and Vehicle Activated Signs refer to 1.5.1

3.3 Client's Materials

There are not *Client* materials in the Affected Property.

4 AREA SPECIFIC PLANS

Refer to:

4.1 Area Asset Management Plan

[Area 3 NI 4.1 Fence, Environmental Barrier and Wall AMP Rev 0.pdf](#)

[Area 3 NI 4.1 Pavement AMP Rev 0.pdf](#)

[Area 3 NI 4 Severe Weather Plan Rev 0.pdf](#)

[Area 3 NI 4.1 Structures Asset Management Plan Rev 0.pdf](#)

[Area 3 NI 4.1 Drainage AMP Rev 0.pdf](#)

[Area 3 NI 4.1 Geotechnical AMP Part 1 Rev 0.pdf](#)

[Area 3 NI 4.1 Geotechnical AMP Part 2 Rev 0.pdf](#)

[Area 3 NI 4.1 Lighting Asset Management Plan Rev 0.pdf](#)

[Area 3 NI 4.1 Road markings AMP Rev 0.pdf](#)

[Area 3 NI 4.1 Signs AMP Rev 0.pdf](#)

[Area 3 NI 4.1 Technology AMP Rev 0.pdf](#)

[Area 3 NI 4.1 Traffic Signal AMP Rev 0.pdf](#)

[Area 3 NI 4.1 VRS AMP Rev 0.pdf](#)

[Area 3 NI 4.1 PAD Maintenance Requirements Plan Rev 0.pdf](#)

[Area 3 NI 4.1 South East RTMC TRAMP September 2020 Issue 7 - Rev 0.pdf](#)

[Area 3 NI 4.1 South East RTMC Asbestos Assets 2020 - with East RTMC Area 3 Rev 0.xlsx](#)

[Area 3 NI 4.1 Contingency Plan Rev 0.pdf](#)

4.2 Area Asbestos Management Plan

Please also refer to the asbestos action plans for each Premise included in Section 1.16

Additional Network Information is held in the Highway England's databases and access may be provided by appointment.

5 HISTORICAL DATA

This annex contains historic data/information about defects, emergency incidents, winter service, inspections, traffic flows etc.

Note: The current Area 03 Severe Weather Plan is provided for information only. The Asset Delivery Severe Weather Plan applicable to the Maintenance and Response Contract is provided within Annex 03: Reference Documents.

[Area 3 NI 5 BS7671 Maintenance Report Rev 0.xlsx](#)

[Area 3 NI 5 Operational Assessment Report 2019-2020 Rev 0.pdf](#)

[Area 3 NI 5 Signed Restock Plan 2018-2019.pdf](#)

[Area 3 NI 5 Operational Assessment Report 2018-2019 Rev 0.pdf](#)

[Area 3 NI 5 Operational Assessment Report 2016-2017 Rev 0.pdf](#)

[Area 3 NI 5 Operational Assessment Report 2017-2018 Rev 0.pdf](#)

[Area 3 NI 5 Severe Weather Plan 2019-2020 Rev 0.pdf](#)

5.1 Defects Data

Historical data on response to Category 1 & 2 defects (or other defects) by route and activity.

[Area 3 NI 5.1 South East Area 3 Fault Analysis 2019-20 Rev 0.xlsx](#)

[Area 3 NI 5.1 South - Defects by Asset Type - 2019-20 Rev 0.xlsx](#)

5.2 Emergencies and Incidents

Historical data on emergencies and incidents that occurred both during and outside normal working hours.

Refer to:

[Area 3 NI 5.2 Incidents and Emergencies Rev 1](#)

5.3 Winter Service

For details of treatments and salt usage, please refer the Severe Weather Plan and the Operational Assessment Reports.

5.4 Inspections

Refer to:

[Area 3 NI 5 CCTV Mast drop test certificates Rev 0](#)

Further information is included in Section 1.14 Structures and viewing of SMIS is also recommended.

Viewing of HAGDMS is also recommended.

5.5 Traffic Flows

Traffic flow information is available from the Highways England's webtris database <http://webtris.highwaysengland.co.uk/>.

5.6 Maintenance Records

The roadside technology maintenance records are in TPMS.

The civil assets maintenance records are in IAMIS.

For maintenance records please see:

[Area 3 NI 5.6 Maintenance Records from 01.04.19 to Present Rev0.xlsx](#)

6 AGREEMENTS

This annex contains information about all specified agreements arranged with other consultants, contractors or agents that are contracted by the Secretary of State.

6.1 Specified Agreements

Refer to:

[Area 3 NI 6.1 Specified Agreements Rev 0.xls](#)

[Area 3 NI 6 HADECS3 Retrofit Interface Agreement Rev 0.pdf](#)

[Area 3 NI 6.1 Jenoptik Main Agreement \(Additional Appendices\).pdf](#)

[Area 3 NI 6.1 Jenoptik Main Agreement V6 Signed.pdf](#)

7 THIRD PARTIES AND STATUTORY UNDERTAKERS

This annex includes details of third parties operating within the Affected Property including those with whom the *Contractor* co-ordinates with when planning their traffic management activities and consults and liaises to co-ordinate works e.g. Public Utilities, Emergency Services, Local Government bodies etc.

[Area 3 NI 7 Third Parties and Statutory Undertakers Rev 0.xls](#)

[Area 3 NI 7 Traffic Management Rev 0.xls](#)

8 OUTGOING PROVIDER'S INCLUSION ACTION PLAN AND SUSTAINABILITY ACTION PLAN

Refer to:

[Area 3 NI 8 Highways Contract Inclusion Action Plan May 2020 Rev 0.pdf](#)

[Area 3 NI 8 Driving for a SustainableM4 World 2020-25 Rev 0.pdf](#)