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Winter Service Plan
Royal Borough of Windsor and Maidenhead



Distribution List

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Buckinghamshire County Council
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Thames Valley Police
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1. Introduction

Winter Service – Statutory Duty

The legal position relating to the Highway Authority's responsibility in respect of the winter service is set out in an amendment to Section 41(1) Highways Act 1980 (c.66) (duty of highway authority to maintain the highway).

(1A) in particular, details that a highway authority is under a duty to ensure, so far as is reasonably practicable, that the safe passage along a highway is not endangered by ice or snow.

The winter service that the Royal Borough of Windsor and Maidenhead (RBWM) ("The Council") provides is considered sufficient, so far as is reasonably practical, to discharge the duty imposed by the legislation. However, it is important to recognise that the council has to prioritise its response to deal with winter weather with consideration of logistics and available resources.

1.1 Winter Service Standards

In order to respond as quickly and efficiently as possible to its responsibilities the council has adopted policies and standards for each of the winter service activities, and these are detailed within this document.

The council provides a winter service which, as far as reasonably practicable will:

- minimise the risk of loss of life and injury to highway users, including pedestrians, and preventing damage to vehicles and other property
- keep the highway free from obstruction and thereby avoid unnecessary delay to passage.

1. 2 Council Maintained Highways

The council delivers the winter service on the borough's-maintained highways.

1.3 Motorways and Trunk Roads

The Department for Transport (DfT) is the Highway Authority for motorways and trunk roads in the borough and National Highways act for the DfT in this respect. Responsibility for the operational maintenance of the motorways and trunk roads lies with National Highways. RBWM has no responsibility for the winter service activities on these roads. Close liaison exists between RBWM and National Highways during the winter service operational period.

2. Winter Service Objectives

The council's winter service policy follows the recommendations issued by the UKRLG (UK Road Liaison Group) and takes into account the recommendations contained in "Well Managed Highways Infrastructure" and NWSRG guidance. These documents are reviewed annually, and any recommendations are included within our policy where practical. Consistency with the policies of neighbouring authorities is considered and applied when reasonably practicable.

2.1. Salting

The council aims to provide a winter service enabling as far as is reasonably practical the safe movement of traffic on all A and B roads, and other well trafficked C roads throughout the borough.

Precautionary salting and / or the clearing of snow on the Primary Salting Routes will be carried out based on the information received from the weather forecasting service. The primary road network is broken down into 4 individual salting routes. This represents approximately **36%** of all highways (excluding motorways and trunk roads) in the geographical area of the borough.

The total length of the Primary Salting network is **149 miles (240 km).**

The Secondary Salting Routes will only be salted and / or cleared of snow during particularly severe and prolonged hazardous weather conditions and where resources allow. The route includes: some busier residential roads; bus routes; roads leading to schools and hospitals; and rural roads which may become hazardous if left untreated during prolonged periods of particularly severe weather conditions.

The total length of the Secondary Salting network is **36 miles (58 km)**, which represents approximately 9% of the total highway network.

These routes are detailed in Appendix A.

Our policy is not to treat any of the footway network unless in extreme conditions and then only when resources are available.

Plans on the salting routes can be found on the borough website https://mol.rbwm.gov.uk/mol/inc/winter_gritting/live

Consideration will be given to salting diversion routes where interruptions to the precautionary networks have occurred.

2.2 Footways

It would be impractical and financially draining to carry out precautionary salting of footways, pedestrian precincts or cycleways and therefore no provision has been made. However, there will be a certain amount of salt overspill onto footways and cycleways when precautionary salting is being carried out on adjacent carriageways. Salting of some footways and cycleways may be carried out on a priority basis during severe weather as resources permit, the decision for this will be taken by the council's highways department in conjunction with the contractor.

2.3 Car Parks

There is no provision for the salting of the council's car parks. However, during particularly severe and prolonged hazardous weather conditions and where resources allow council car parks will be gritted on an ad-hoc basis following liaison with the council's car parks manager.

2.4 Snow Clearance

Objectives:

- to prevent injury or damage caused by snow

- to remove obstructions caused by the accumulation of snow (section 150 Highways Act 1980)

to reduce delays and inconvenience caused by snow

Snow clearance on carriageways will be carried out on a priority basis.

The highway network is cleared in descending order of priority, concentrating firstly on the clearance of Primary routes followed by the Secondary routes (as per Appendix A), subject to limitations of resources and existing road layouts.

Once these routes are cleared resources may then be diverted to the clearance of the remaining roads on the network.

The contractor has in place contingency plans to call on other council contractors' labour and plant should the weather conditions be severe and prolonged.

Motorways and Trunk Roads

Clearance of snow from the motorways and trunk roads is the responsibility of National Highways and its consultants, contact will be maintained between National Highways and the council.

3. Winter Service Operations

The council provides its winter service through its highways term contractor Marlborough Highways ("the Contractor") via their appointed Duty Managers. Their duties include all aspects of the winter service including:

- decision making with regards to when to salt
- carrying out the salting and snow clearing
- keeping to agreed timescales
- ensuring personnel are trained appropriately
- calibrating salt spreading vehicles at least annually
- maintaining appropriate salt stocks
- carrying out risk assessments and putting control measures in place

See section 5.1 for more detail on the decision-making process and role of the Duty Managers.

3.1 Winter Service Season

The winter service period runs from Friday the 30th of October to March the 26th 2027 but may be extended further into April depending on the prevailing weather conditions.

3.2 Salt

Currently the council uses a product called Ecothaw across the borough for all salting. The potential benefits when added to dry rock salt are as follows:

- 82% less corrosive than rock salt – reduced maintenance of vehicles
- No wash down of Vehicles Provided
- Has anti -caking agent that prevents lumps forming and makes loading easier.
- 30% less is required e.g spread rate of 7 grams per square metre should achieve the same as 10 grams per square metre of rock salt.
- Targeted spread- reduced snaking effect

- Faster reactivity – does not require trafficking
- Improved residual characteristics – enhanced reactivation
- Less Damage to road surfaces
- Bio – degradable
- Environmentally friendly – reduced chloride usage

There is currently a minimum stock level in place of 300 tonnes

To be effective, salt / Ecothaw must be spread evenly and at rates to suit prevailing weather conditions. Excessive salt spreading is undesirable on both environmental and economic grounds. It is therefore essential that the spreading equipment is calibrated annually, and the controls marked accordingly for spreads of:

- 10 g/m2 for normal pre-salting and 20 g/m2 and 40 g/m2 for more severe conditions using normal rock salt
- 7 g/m^2, 14g/m^2 and 28g/m^2 respectively using Ecothaw
- Details of recommended treatments for different conditions are set out in Appendix D but in all cases the contractor will be responsible for ensuring appropriate salt spread rates for the prevailing weather conditions.

3.3 Calibration of spreaders

- spreaders to be calibrated before the start of each season and following incidents or conditions that may require recalibration
- calibration procedures to be in accordance with recommendations in Well Managed Highway Infrastructure and NWSRG guidance

3.4 Salt bins (see Appendix E)

Highway Bins

There are at present **77** salt bins that are provided throughout the borough. These are repaired and replenished throughout the winter period as necessary. At the end of the winter, salt bins may be collected, salt returned to the stockpile and the bins cleaned and stored away during the summer months.

The criteria for provision of salt bins are as follows: -

(i) The bin should not be sited on a salting route unless it is intended for use on an adjoining road, which is not on the salting route.

(ii) Only sited where there is a steep and / or hazardous gradient, and where there are occupied buildings nearby.

(iii) If it is possible for a lorry to gain access to install a bin and fill it with salt, then a location near subway or footbridge is acceptable.

(iv) In cases of special needs.

No further salt bins will be provided unless the criteria comply with these guidelines.
Salt bins will only be refilled during office hours Monday to Friday 09.00 – 17.00.

Non-Highway Bins

In addition to the 77 yellow highway bins there are approximately another **107** green salt bins located throughout the borough, which are the property of Parish Councils or resident's associations who are responsible for their upkeep and maintenance.

4. Communication between the council and the contractor

4.1 Customer Services Centre (CSC)

The CSC are responsible for dealing with requests, enquiries and complaints from customers across a range of services including the winter service. Routine calls regarding policy / gritting routes etc. will be handled direct by the CSC, however during normal working hours calls requiring immediate action will be passed to the Duty Manager for any action they deem necessary.

4.2 Control Room

Outside normal working hours the Duty Manager can be contacted via the council's control room; therefore, emergencies reported by customers or emergency services will be taken direct by the council's control room and directed to the Duty Manager. The contractor is required to provide the council with a comprehensive list of phone numbers in order that the council's control room can immediately pass necessary information out of hours to the Duty Manager.

5. Role of Winter Service Duty Managers

The contractor will provide the necessary Duty Managers throughout the operational winter service period on a rota basis. Each Duty Manager is available 24 hours a day during his / her week on duty to cover the geographical area of the borough.

The Duty Manager is responsible for (this is not an exhaustive list):

- receiving forecast information from the forecast provider DTN Roadmaster monitoring current weather conditions
- issuing salting instructions for the precautionary salting networks
- posting the forecast decision on the DTN Roadmaster system
- assisting and advising during snow events and severe weather events
- establishing liaison/contact with the police, the council's control room, and the CSC as necessary
- receiving calls during working hours from the CSC/control room in respect of the winter service and taking any action deemed necessary
- receiving calls out of normal working hours from the council's control room in respect of the winter service and taking any action deemed necessary
- specific responsibility for liaising directly with the DTN Roadmaster forecaster and disseminating winter service information to the council, neighbouring boroughs and emergency services as necessary.

5.1 Decision making procedures

All decision-making in respect of the winter service operation is the responsibility of the Duty Manager on behalf of the council.

The council may pass information received by customers, emergency services or other agencies to the Duty Manager, and there may be liaison between the Duty Manager and the council regarding the ongoing winter service.

Using the forecast data provided, the Duty Manager will make his / her decision regarding precautionary salting as appropriate. To assist with this process, guidance notes are provided as shown in Appendices B, C and D respectively.

Flow charts showing the procedures for salt spreading and snow clearing operations are shown in Appendices G & H respectively.

The Duty Manager's decision is recorded on the system, and they instruct the drivers to mobilise. This is done via telephone and confirmed by email.

6. Weather Forecast Information

Weather Information Systems

An effective and efficient winter service is only possible with reliable and accurate information about weather conditions. Without this information it is not possible to make effective and appropriate decisions on the winter service operations. The council utilises the best weather information available from its weather forecast provider, currently DTN Roadmaster, to ensure that decisions are based on the most accurate data available.

6.1 Weather Reports

During the winter service period the council and its contractor receive detailed weather forecasts and reports specifically. This data is based upon national weather forecasts and the data collected from 3 roadside weather stations based at M4 Membury, A322 Windsor, A355 Tuns Lane, Slough which are used to produce local forecasts by the DTN Roadmaster. These sites were chosen to reflect the 3 climatic zones within the County of Berkshire. In addition, there are a further 7 sites across the county that provide real time meteorological data, of which two are 'forecasting' sites (M4 Shurlock Row and A34 Membury Bypass).

6.2 Weather Forecasts

The weather forecaster is DTN Road master The information received each day includes the following

(i) detailed 36-hour forecast
(ii) evening update forecast
(iii) realistic site-specific temperature graphs (three sites)
(iv) site specific snow prediction (two sites)
(v) early morning summary forecast
(vi) 2 – 10-day forecast

The 24-hour forecast is received at approx. 1300 hours each afternoon. The main features of this forecast are as follows: -

Readiness Colour

This is based on the traffic light colours: green, amber or red. The definitions are: -

Green - no snow or ice expected
Amber - risk of snow or ice
Red - ice, snow or drifting snow expected

Hazards

This section includes the hazards causing the red or amber readiness colours as well as other weather hazards such as heavy rain, high winds or fog, which could accompany a green readiness colour. Where possible a qualifying time is given. For example, icy patches expected after 2300 hours.

Minimum Temperatures

Minimum air and road temperatures for all roads, urban roads and bridge decks are provided.

Confidence Statements

This consists of high, moderate or low confidence for each of the hazards described above, together with a qualifying statement. For example, low confidence regarding extent of showers this evening but high regarding road temperatures falling below zero.

24 Hour Weather Summary

This is a general summary of the forecast for the period from midday to midday.

At approximately 1900 hours each evening, a forecast update is issued by DTN Roadmaster and is viewed by the Duty Manager. If further information is required, the Duty Manager can make use of the 24-hour consultancy service provided by the DTN Roadmaster when a discussion can be held with the Duty Forecaster (see section 5.1 for further information on decision making procedure).

7. Salting

7.1 Precautionary Salting

Precautionary salting will take place on scheduled routes on a pre-planned basis to help prevent formation of ice, frost and/or the accumulation of snow on carriageway surfaces.

7.2 Post Salting

Post salting will necessarily take place on the scheduled precautionary salting network to treat ice, frost and snow that may have already formed on carriageways in between salting runs. Post salting may in exceptional circumstances be carried out on roads or sections of roads beyond the scheduled precautionary salting routes such as in the case of burst water mains for example.

7.3 Spot/ad-hoc Salting

Spot salting may take place only on parts or sections of the scheduled Primary Salting Route either to help prevent formation of ice, frost and / or accumulations of snow or as a treatment to ice, frost and the accumulation of snow that has already formed on the carriageway. The Duty

Manager will evaluate and consider if spot treatment is suitable and reasonably practicable, using the following criteria below:

- has the request come from the emergency services?
- is there an ongoing emergency at the location?
- do we have multiple reports of hazardous conditions at the location?
- what is the prevailing and forecasts weather conditions at this location based on the latest forecast from the weather forecast provider?

For roads not on the Primary Salting Route, no spot/ad hoc salting will take place. Instead, the matter will be passed to the police by the council following liaison with the Duty Manager so that they can use their powers to close any road they deem necessary.

7.4 Instructions for Salting the Precautionary Network

Instructions for precautionary salting of the network will be issued as per the tables at Appendices C and D.

All winter service vehicles are in mobile phone contact with the depot in order that instructions can be passed and current information relayed back from supervisors to operatives. All vehicles are equipped with GPS, which can track the vehicle, record its speed and when the vehicle is spreading the salt.

The Duty Manager will issue instructions for precautionary salting of the network for each of the precautionary routes. These decisions will be posted on the DTN Roadmaster system.

7.5 Route Treatment Times

The response time for precautionary salting of the Primary Salting Route is 1 hour from the instructed commencement, and the treatment time is 3 hours although this may be extended in severe weather conditions.

8. Public and media communications

8.1 Neighbouring authorities and other agencies

The Winter Service Plan is circulated to all adjacent authorities and winter maintenance decisions are emailed daily by the Duty Manager via the DTN Roadmaster system to neighbouring authorities throughout the winter season and vice- versa.

8.2 The media

Communication with communities, businesses and emergency services during winter is essential to delivering an effective service. Local media organisations will be informed when instructions for salting the precautionary network are issued. The Duty Manager will keep the council informed of its winter service decisions in order that the council website can be updated regularly and the council also uses social media to communicate decisions and actions taken.

9. Budgets

It should be noted that whilst snow clearing operations will be undertaken in accordance with the Winter Service Plan, there is no specific identified budget for this work.

However, a supplementary report will be prepared and submitted to the council as soon as possible after snow clearing has been completed for any necessary budgetary adjustments to be agreed.

Primary Routes

ROUTE 1

No	Action	Description	Street Name
1	Free	Right out of Facility	VICKERS WAY SALT BARN
2	Free	Turn left into	STAFFERTON WAY
3	Free	at roundabout 1st exit	BRAYWICK ROAD
4	**SALT**	**continue to roundabout**	**SALT ROUNDABOUT**
5	**SALT**	**take 6th exit onto**	**WINDSOR ROAD**
6	**SALT**	**at Holyport roundabout take 1st exit**	**WINDSOR ROAD**
7	**SALT**	**at Ruddlesway roundabout**	**SALT ROUNDABOUT**
8	Free	exit onto	WINDSOR ROAD
9	Free	continue	WINDSOR ROAD
10	Free	at junction turn left	OAKLEY GREEN ROAD
11	**SALT**	**turn left onto**	**DEDWORTH ROAD**
12	**SALT**	**at roundabout straight on**	**DEDWORTH ROAD**
13	**SALT**	**at Tesco mini roundabout straight on**	**DEDWORTH ROAD**
14	**SALT**	**at Smiths Lane roundabout straight on to next mini roundabout**	**ROUND ROUNDABOUT**
15	**SALT**	**back to Smiths Lane roundabout 3rd exit**	**SMITHS LANE**
16	**SALT**	**left turn into**	**BURNETTS ROAD**
17	**SALT**	**right turn onto**	**ASTON MEAD**
18	**SALT**	**right turn onto**	**GALLYS ROAD**
19	**SALT**	**turn left onto**	**MAIDENHEAD ROAD**
20	**SALT**	**ruddlesway roundabout 4th exit**	**MAIDENHEAD ROAD**
21	**SALT**	**right turn onto**	**VALE ROAD**
22	**SALT**	**U-turn at junction with**	**DEDWORTH ROAD**
23	Free	continue down	VALE ROAD
24	**SALT**	**left turn onto**	**HANOVER WAY**
25	**SALT**	**at bend turn right onto**	**DEDWORTH DRIVE**
26	Free	turn right onto	SMITHS LANE
27	**SALT**	**at junction with**	**BURNETTS ROAD**
28	**SALT**	**turn right onto**	**MAIDENHEAD ROAD**
29	**SALT**	**roundabout under Relief Road grit roundabout take 6th exit**	**ARTHUR ROAD**
30	**SALT**	**at roundabout 3rd exit**	**CHARLES STREET**
31	**SALT**	**at roundabout 2nd exit**	**CLARENCE ROAD**
32	**SALT**	**at roundabout 3rd exit**	**CLARENCE ROAD**
33	**SALT**	**at roundabout straight on**	**CLARENCE ROAD**
34	**SALT**	**at roundabout straight on**	**DEDWORTH ROAD**
35	**SALT**	**at roundabout straight on**	**DEDWORTH ROAD**
36	**SALT**	**at Clewer Hill roundabout 1st exit**	**CLEWER HILL ROAD**

37	**SALT**	**at junction turn right onto**	**WINKFIELD ROAD**
38	**SALT**	**at Legoland roundabout grit roundabout 3rd exits towards Ascot**	**WINKFIELD ROAD**
39	**Free**	**at Mounts Hill roundabout straight on**	**MOUNTS HILL**
40	**SALT**	**at peanut roundabout 3rd exit**	**WINDSOR ROAD**
41	**SALT**	**at double roundabout straight ahead on both**	**WINDSOR ROAD**
42	**SALT**	**at roundabout 1st exit**	**WINDSOR ROAD**
43	**SALT**	**at big roundabout 2nd exit**	**KINGS RIDE**
44	Free	at junction turn right onto	SWINLEY ROAD (BOROUGH BOUNDARY)
45	Free	continue until traffic lights turn right	LONDON ROAD
46	Free	next traffic lights continue straight	LONDON ROAD
47	**SALT**	**at the Welcome to Windsor sign**	**LONDON ROAD**
48	**SALT**	**at Heatherwood roundabout grit round then exit for**	**ASCOT HIGH STREET**
49	**SALT**	**Continue**	**HIGH STREET**
50	**SALT**	**mini roundabout straight over**	**HIGH STREET**
51	**SALT**	**mini roundabout 3rd exits to go back on yourself**	**HIGH STREET**
52	**SALT**	**mini roundabout 1st exit**	**STATION HILL**
53	**SALT**	**continue**	**STATION HILL**
54	**SALT**	**continue onto**	**BROKENHURST ROAD**
55	**SALT**	**roundabout 3rd exit**	**BAGSHOT ROAD**
56	**SALT**	**continue onto**	**BOROUGH BOUNDARY**
57	**SALT**	**U-turn back to roundabout 2nd exit**	**BAGSHOT ROAD**
58	**SALT**	**continue**	**SUNNINGHILL HIGH STREET**
59	**SALT**	**turn right onto**	**KINGS ROAD**
60	**SALT**	**continue**	**BROOMHALL LANE**
61	Free	at London Road junction take U-turn	BROOMHALL LANE
62	**SALT**	**turn right onto**	**STATION ROAD**
63	**SALT**	**continue**	**SILWOOD ROAD**
64	**SALT**	**turn left**	**A329 LONDON ROAD**
65	**SALT**	**mini roundabout 2nd exit**	**A329 LONDON ROAD**
66	**SALT**	**mini roundabout 2nd exit**	**WINKFIELD ROAD**
67	**SALT**	**double roundabout 2nd exit on first, 1st exit on second**	**WINKFIELD ROAD**
68	Free	continue to borough boundary	HODGE LANE
69	Free	turn round and continue	WINKFIELD ROAD
70	Free	double roundabout 2nd exit on first, 1st exit on second	WINKFIELD ROAD
71	**SALT**	**left turn at**	**NEW MILE ROAD**
72	**SALT**	**at junction bare left onto**	**CHEAPSIDE ROAD**
73	**SALT**	**at junction turn left**	**B383 BUCKHURST ROAD**
74	**SALT**	**take left turn**	**WATER SPLASH LANE**
75	**SALT**	**junction right into**	**CHEAPSIDE ROAD**
76	Free	turn left onto	LONDON ROAD
77	Free	at roundabout 3rd exit	SUNNINGHILL ROAD
78	**SALT**	**at roundabout 1st exit**	**DEVENISH ROAD**
79	**SALT**	**turn left onto**	**LONDON ROAD**
80	Free	at level crossing (do not salt crossing)	LONDON ROAD
81	**SALT**	**past level crossing**	**LONDON ROAD**

82	**SALT**	**turn right onto**	**CHOBHAM ROAD**
83	Free	Surrey boundary sign	CHOBHAM ROAD
84	Free	roundabout 4th exit	CHOBHAM ROAD
85	**SALT**	**turn right onto**	**LONDON ROAD**
86	Free	Surrey boundary sign	LONDON ROAD
87	**SALT**	**at traffic lights turn left onto**	**BLACKNEST ROAD**
88	**SALT**	**turn right onto**	**BUCKHURST ROAD**
89	Free	at gates by water splash lane	BUCKHURST ROAD
90	Free	continue	SUNNINGHILL ROAD
91	Free	at peanut roundabout 3rd exit	A322 SHEET STREET ROAD
92	**SALT**	**at junction with Forest Road by Pink House**	**A322 SHEET STREET ROAD**
93	**SALT**	**continue**	**A322 SHEET STREET ROAD**
94	Free	at Kings Road roundabout 1st exit	OSBORNE ROAD
95	Free	at Frances Road roundabout 2nd exit	FRANCES ROAD
96	Free	continue	ALMA ROAD
97	Free	Alma Road roundabout straight on	GOSLAR WAY
98	Free	main roundabout 3rd exit takes slip road to	MAIDENHEAD ROAD
99	Free	at roundabout 1st exit onto	MAIDENHEAD ROAD
100	Free	at mini roundabout straight on	MAIDENHEAD ROAD
101	**SALT**	**at Ruddlesway roundabout 1st exit**	**RUDDLESWAY**
102	Free	at roundabout 1st exit	DEDWORTH ROAD
103	Free	turn right onto	TINKERS LANE

ROUTE 2

No	Action	Description	Street Name
1	Free	Right out of Facility	VICKERS WAY SALT BARN
2	**SALT**	**Turn right onto**	**STAFFERTON WAY**
3	Free	At roundabout 3rd exit backdown	STAFFERTON WAY
4	**SALT**	**At roundabout, straight over**	**STAFFERTON WAY**
5	**SALT**	**At Braywick Roundabout 3rd exit**	**BRAYWICK ROAD**
6	**SALT**	**continue**	**GRENFELL ROAD**
7	**SALT**	**at traffic lights turn right onto**	**GRENFELL PLACE**
8	**SALT**	**at traffic lights turn right onto**	**BROADWAY**
9	**SALT**	**bare left onto**	**QUEEN STREET**
10	**SALT**	**bare left onto**	**HIGH STREET**
11	**SALT**	**turn right onto**	**ST IVES ROAD**
12	**SALT**	**at junction turn left onto**	**YORK ROAD**
13	**SALT**	**turn left onto**	**BRIDGE AVENUE**
14	**SALT**	**turn left onto**	**HIGH STREET**
15	Free	turn left onto	ST IVES ROAD
16	Free	turn left onto	YORK ROAD
17	Free	turn left onto	BRIDGE AVENUE

18	**SALT**	**turn right onto**	**BRIDGE STREET**
19	**SALT**	**at traffic lights turn right onto**	**FORLEASE ROAD**
20	Free	at roundabout 2nd exit onto	YORK ROAD
21	**SALT**	**at junction with**	**ST IVES ROAD**
22	**SALT**	**continue onto**	**QUEEN STREET**
23	**SALT**	**continue onto**	**KING STREET**
24	Free	at roundabout 4th exit	BRAYWICK ROAD
25	Free	continue	GRENFELL ROAD
26	Free	at traffic lights turn right onto	GRENFELL PLACE
27	**SALT**	**at traffic lights, straight over onto**	**FRASCATI WAY**
28	**SALT**	**at roundabout 3rd exit onto**	**BAD GODESBERG WAY**
29	**SALT**	**at roundabout 2nd exit onto**	**SAINT CLOUD WAY**
30	**SALT**	**do a lap of Police Station roundabout then exit onto**	**BRIDGE ROAD**
31	**SALT**	**at roundabout 2nd exit onto**	**BATH ROAD**
32	**SALT**	**at roundabout continue straight**	**BATH ROAD (OVER RIVER)**
33	**SALT**	**at roundabout 3rd exit**	**BATH ROAD (OVER RIVER)**
34	**SALT**	**at roundabout 3rd exit onto**	**RAYMEAD ROAD**
35	**SALT**	**continue straight onto**	**LOWER COOKHAM ROAD**
36	**SALT**	**turn left onto**	**SHEEPHOUSE ROAD**
37	**SALT**	**continue**	**SHEEPHOUSE ROAD**
38	**SALT**	**at crossroads straight onto**	**RAY PARK AVENUE**
39	Free	At junction turn left onto	BRIDGE 'ROAD
40	Free	at roundabout 1st exit onto	RAY MEAD ROAD
41	Free	continue onto	LOWER COOKHAM ROAD
42	**SALT**	**at junction with Sheep house road continue**	**LOWER COOKHAM ROAD**
43	**SALT**	**continue straight onto**	**SUTTON ROAD**
44	**SALT**	**turn left into**	**COOKHAM HIGH STREET**
45	**SALT**	**at roundabout 1st exit onto**	**THE POUND**
46	**SALT**	**at roundabout first exit onto**	**MAIDENHEAD ROAD**
47	**SALT**	**turn right onto**	**WHYTELADYES LANE**
48	**SALT**	**at T junction turn left into**	**DEAN LANE**
49	**SALT**	**continue straight onto**	**GRUBWOOD LANE**
50	**SALT**	**bare right onto**	**HOCKETT LANE**
51	**SALT**	**bare right onto**	**WINTER HILL ROAD**
52	**SALT**	**turn left onto**	**CHOKE LANE**
53	**SALT**	**continue straight onto**	**SPRING LANE**
54	**SALT**	**continue straight onto**	**CHURCH ROAD**
55	**SALT**	**Continue onto**	**HILLS LANE**
56	Free	Turn right onto	DEANS LANE
57	**SALT**	**Continue onto**	**LOWER ROAD**
58	**SALT**	**continue onto**	**STATION HILL**
59	Free	at roundabout 2nd exit onto	MAIDENHEAD ROAD
60	**SALT**	**At junction with continue straight**	**WHYTELADYES LANE**
61	**SALT**	**continue onto**	**CANNONDOWN ROAD**
62	**SALT**	**at crossroads straight over onto**	**SWITCHBACK ROAD N**
63	**SALT**	**at roundabout first exit onto**	**GARDNER ROAD**

64	**SALT**	**continue onto**	**COOKHAM ROAD**
65	**SALT**	**at roundabout straight over**	**COOKHAM ROAD**
66	**SALT**	**at roundabout straight over**	**COOKHAM ROAD**
67	**SALT**	**at roundabout straight over**	**COOKHAM ROAD**
68	**SALT**	**at roundabout straight over**	**COOKHAM ROAD**
69	**SALT**	**at large roundabout 3rd exit onto**	**BAD GODESBERG WAY**
70	**SALT**	**at roundabout 3rd exit onto**	**MARLOW RROAD**
71	**SALT**	**continue onto**	**CRAUFURD RISE**
72	**SALT**	**continue onto**	**GRINGER HILL**
73	**SALT**	**continue onto**	**FURZE PLATT ROAD**
74	**SALT**	**at traffic lights turn right into**	**SWITCHBACK ROAD S**
75	**SALT**	**continue onto**	**GARDNER ROAD**
76	Free	at roundabout 3rd exit back onto	GARDNER ROAD
77	Free	continue onto	SWITCHBACK ROAD S
78	**SALT**	**at traffic lights right onto**	**FURZE PLATT ROAD**
79	**SALT**	**turn left onto**	**PINKNEYS DRIVE**
80	**SALT**	**turn left onto**	**PINKNEYS ROAD**
81	**SALT**	**at junction turn left onto**	**ST MARKS CRESCENT**
82	**SALT**	**at roundabout 2nd exit onto**	**ST MARKS ROAD**
83	**SALT**	**at roundabout 2nd exit onto**	**BATH ROAD**
84	**SALT**	**at mini roundabout straight over**	**BATH ROAD**
85	**SALT**	**at mini roundabout straight over**	**BATH ROAD**
86	**SALT**	**at Cannon Lane/Henley Road roundabout straight over**	**BATH ROAD**
87	**SALT**	**A404 roundabout straight over**	**BATH ROAD**
88	**SALT**	**at roundabout straight over**	**BATH ROAD**
89	**SALT**	**at roundabout straight over**	**BATH ROAD**
90	Free	turn right onto	STAR LANE
91	Free	right onto	BATH ROAD
92	Free	left back onto	BATH ROAD
93	**SALT**	**at roundabout 1st exit onto**	**BURCHETTS GREEN ROAD**
94	**SALT**	**at roundabout 1st exit onto**	**HENLEY ROAD**
95	**Free**	**at borough boundary U turn**	**HENLEY ROAD**
96	**SALT**	**at roundabout 2nd exit**	**HENLEY ROAD**
97	**SALT**	**at junction keep left to avoid A404**	**HENLEY ROAD**
98	**SALT**	**at roundabout 4th exit**	**HENLEY ROAD**
99	**SALT**	**turn right onto**	**PINKNEYS DRIVE**
100	**SALT**	**at T junction turn left into**	**FURZE PLATT ROAD**
101	**SALT**	**turn right onto**	**WINTER HILL ROAD**
102	Free	bare left to stay on	WINTER HILL ROAD
103	Free	bare right onto	HOCKETT LANE
104	Free	left onto	GRUBWOOD LANE
105	**SALT**	**left onto**	**QUARRYWOOD ROAD**
106	**SALT**	**bare left to stay on**	**QUARRYWOOD ROAD**
107	**SALT**	**at T junction turn left into**	**BISHAM ROAD**
108	**SALT**	**bare left onto**	**MARLOW ROAD**

109	**SALT**	**at roundabout 2nd exit**	**MARLOW ROAD**
110	**SALT**	**continue**	**FURZE PLATT ROAD**
111	Free	at junction Winter Hill Road stay on	FURZE PLATT ROAD
112	**SALT**	**Right onto**	**COURTHOUSE ROAD**
113	Free	at roundabout 1st exit onto	COURTHOUSE ROAD
114	**SALT**	**at roundabout straight over**	**BATH ROAD**
115	**SALT**	**continue**	**CASTLE HILL**
116	**SALT**	**at roundabout 3rd exit onto**	**FRASCATI WAY**
117	Free	turn left onto	BROADWAY
118	**SALT**	**right onto**	**QUEEN STREET**
119	Free	turn left onto	KING STREET
120	Free	at roundabout 1st exit onto	STAFFERTON WAY
121	Free	at roundabout 2nd exit onto	VICUS WAY

ROUTE 3

No	Action	Description	Street Name
1	Free	Right out of Facility	VICKERS WAY SALT BARN
2	Free	Turn left	STAFFERTON WAY
3	Free	Left onto	BRAYWICK ROAD
4	Free	Continue onto	WINDSOR ROAD
5	Free	At roundabout turn left onto	WINDSOR ROAD
6	Free	Continue to	OAKLEY GREEN ROAD
7	**SALT**	**Turn right onto**	**OAKLEY GREEN ROAD**
8	**SALT**	**Continue**	**OAKLEY GREEN ROAD**
9	**SALT**	**Turn left onto**	**FIFIELD LANE**
10	**SALT**	**Turn left into**	**DRIFT ROAD**
11	**SALT**	**Continue**	**DRIFT ROAD**
12	**SALT**	**Continue to**	**WINKFIELD LANE**
13	**SALT**	**U turn at**	**WINKFIELD LANE**
14	Free	Continue	DRIFT ROAD
15	**SALT**	**Junction of**	**FIFIELD LANE**
16	**SALT**	**Continue**	**DRIFT ROAD**
17	**SALT**	**Turn left at roundabout**	**ASCOT ROAD**
18	**SALT**	**Continue to island**	**MAIDENHEAD ROAD**
19	**SALT**	**Drive round island**	**MAIDENHEAD ROAD**
20	Free	Continue back onto	ASCOT ROAD
21	**SALT**	**At roundabout turn left onto**	**DRIFT ROAD**
22	**SALT**	**Continue to roundabout**	**HOWE LANE**
23	**SALT**	**Go around roundabout**	**DRIFT ROAD**
24	Free	Back onto	DRIFT ROAD
25	**SALT**	**at Ascot Road roundabout turn left**	**ASCOT ROAD**
26	**SALT**	**Turn right onto**	**FOREST GREEN ROAD**
27	**SALT**	**Turn left**	**MONEY ROW GREEN**
28	**SALT**	**Turn right onto**	**HOLYPORT ROAD**

29	**SALT**	**Turn right onto**	**MONEY ROW GREEN**
30	Free	Continue along	MONEY ROW GREEN
31	**SALT**	**Turn left onto**	**FOREST GREEN ROAD**
32	**SALT**	**Continue along**	**FOREST GREEN ROAD**
33	**SALT**	**Turn left into**	**FIFIELD ROAD**
34	**SALT**	**Continue**	**FIFIELD ROAD**
35	Free	Turn left	WINDSOR ROAD
36	**SALT**	**Turn left**	**HOLYPORT ROAD**
37	**SALT**	**Turn left**	**STROUD FARM ROAD**
38	**SALT**	**Turn left**	**STOMPITS ROAD**
39	**SALT**	**Turn right**	**STROUD FARM ROAD**
40	**SALT**	**Turn left**	**HOLYPORT ROAD**
41	**SALT**	**Turn right**	**ASCOT ROAD**
42	**SALT**	**Continue until Braywick Roundabout**	**BRAYWICK ROUNDABOUT SALT ALL**
43	**SALT**	**Turn left onto**	**WINDSOR ROAD INTO MAIDENHEAD**
44	**SALT**	**Continue onto**	**BRAYWICK ROAD**
45	**SALT**	**Continue onto Roundabout**	**SALT ALL ROUNDABOUT**
46	**SALT**	**Exit onto**	**BRAYWICK ROAD TOWARDS MAIDENHEAD**
47	**SALT**	**Continue onto**	**KING STREET**
48	**SALT**	**Continue onto**	**GRENFELL ROAD**
49	**SALT**	**Turn right onto**	**GRENFELL PLACE**
50	**SALT**	**Continue onto**	**FRASCATI WAY**
51	Free	to Roundabout	AROUND ROUNDABOUT SALT OFF
52	**SALT**	**Back onto**	**FRASCATI WAY**
53	**SALT**	**Continue onto**	**GRENFELL PLACE**
54	**SALT**	**Turn left onto**	**GRENFELL ROAD**
55	**SALT**	**Turn right onto**	**KING STREET**
56	**SALT**	**Continue**	**BRAYWICK ROAD**
57	Free	Continue to Roundabout exit to	BRAYWICK ROAD
58	**SALT**	**Continue**	**BRAYWICK ROAD**
59	**SALT**	**Continue**	**WINDSOR ROAD**
60	Free	Continue to roundabout salt off	
61	Free	exit roundabout onto	ASCOT ROAD
62	Free	Continue	ASCOT ROAD
63	**SALT**	**Junction of**	**HOLYPORT ROAD**
64	Free	junction of	FOREST GREEN ROAD
65	Free	Continue	ASCOT ROAD
66	**SALT**	**Turn right onto**	**PALEY STREET**
67	**SALT**	**Continue**	**PALEY STREET**
68	**SALT**	**Continue onto**	**LITTLEFIELD GREEN**
69	**SALT**	**Turn right**	**CHURCH HILL**
70	**SALT**	**Turn left junction**	**WALTHAM ROAD**
71	**SALT**	**Continue onto**	**BROADMOOR ROAD**
72	**SALT**	**Turn left at second junction**	**SHURLOCK ROAD**
73	**SALT**	**Salt Island**	

74	**SALT**	**Continue onto**	**TWYFORD ROAD**
75	Free	At Borough Boundary	
76	Free	Straight on	WALTHAM ROAD
77	Free	Turn right	CASTLE END ROAD
78	Free	Turn right	MILLEY LANE
79	**SALT**	**At Borough Boundary**	
80	**SALT**	**Continue Milley Lane onto**	**MILLEY ROAD**
81	**SALT**	**Continue onto**	**THE STREET**
82	**SALT**	**Continue straight over onto**	**SHURLOCK ROAD**
83	**SALT**	**Continue**	**SHURLOCK ROAD**
84	**SALT**	**onto**	**SHURLOCK ROW**
85	**SALT**	**Continue to**	**THE STREET**
86	Free	Turn right onto	THE STRAIGHT MILE
87	Free	Continue onto junction with	THE STRAIGHT MILE
88	Free	Turn right	THE STRAIGHT MILE
89	Free	Turn right	HUNGERFORD LANE
90	**SALT**	**Borough Boundary**	**HUNGERFORD LANE**
91	**SALT**	**Junction with Hungerford Road**	**MARTINS LANE**
92	**SALT**	**Turn right around island**	
93	Free	Turn left	THE STREET
94	**SALT**	**Turn left onto**	**BINFIELD ROAD**
95	Free	Turn off at	BOROUGH BOUNDARY
96	Free	Continue	TWYFORD ROAD
97	Free	Left onto	HOWE LANE
98	**SALT**	**At Borough Boundary**	
99	**SALT**	**Continue along**	**HOWE LANE**
100	**SALT**	**Junction with Drift Road continue**	**HOWE LANE**
101	Free	Junction with	LITTLEFIELD GREEN
102	Free	Turn left	LITTLEFIELD GREEN
103	Free	Turn right	CHURCH HILL
104	Free	Continue Church Hill	WALTHAM ROAD
105	**SALT**	**Turn right**	**WALTHAM ROAD**
106	**SALT**	**Turn right**	**WOODLANDS PARK ROAD**
107	**SALT**	**Turn right**	**SHOPPENHANGERS ROAD**
108	Free	Junction of Norreys Drive U Turn at roundabout	SHOPPENHANGERS ROAD
109	Free	turn off at second roundabout	SHOPPENHANGERS ROAD
110	**SALT**	**Turn right at roundabout**	**HIGHFIELD LANE**
111	Free	up to Bridge	
112	Free	U turn	HIGHFIELD LANE
113	Free	Turn right	WOODLANDS PARK ROAD
114	**SALT**	**Turn right**	**CANNON LANE**
115	**SALT**	**Turn right**	**HIGHFIELD LANE**
116	Free	U Turn at Railway Bridge	
117	Free	back down	HIGHFIELD LANE
118	**SALT**	**Turn right**	**CANNON LANE**
119	Free	Continue to A4 roundabout u turn	

120	**SALT**	**Back onto**	**CANNON LANE**
121	**SALT**	**Turn left**	**HADDON ROAD**
122	**SALT**	**Turn Left**	**WOOTON WAY**
123	Free	Continue to A4 Bath Road Roundabout	
124	Free	U turn	WOOTON WAY
125	**SALT**	**Junction of**	**HADDON ROAD**
126	**SALT**	**Continue**	**NORDEN ROAD**
127	**SALT**	**Continue**	**NORREYS DRIVE**
128	**SALT**	**Turn left**	**SUFFOLK ROAD**
129	**SALT**	**Turn left**	**CURLS ROAD**
130	**SALT**	**Turn left**	**FANE WAY**
131	Free	Fane way junction of Norreys Drive	
132	Free	Continue	NORREYS DRIVE
133	**SALT**	**Junction of**	**SUFFOLK ROAD**
134	**SALT**	**Turn left onto**	**SHOPPENHANGERS ROAD**
135	**SALT**	**Turn left onto**	**LARCHFIELD ROAD**
136	**SALT**	**Turn left onto**	**FANE WAY**
137	Free	Junction of	CURLS ROAD
138	Free	Fane way turns right onto	NORREYS DRIVE
139	Free	Continue onto	NORDEN ROAD
140	**SALT**	**Turn right**	**BOYN VALLEY ROAD**
141	**SALT**	**Continue**	**BOYN VALLEY ROAD**
142	**SALT**	**Turn left**	**KINGS GROVE**
143	**SALT**	**Turn left**	**GRENFELL ROAD**
144	**SALT**	**Turn left**	**BOYN HILL AVENUE**
145	**SALT**	**At junction of**	**BOYN HILL ROAD - SALT ISLAND**
146	**SALT**	**continue**	**BOYN HILL ROAD**
147	Free	Junction of	NORDEN ROAD
148	Free	U turn	BOYN HILL ROAD
149	**SALT**	**Junction of**	**BOYN HILL AVENUE**
150	**SALT**	**Continue to**	**BATH ROAD**
151	Free	turn right	BATH ROAD
152	**SALT**	**Turn right**	**GRENFELL ROAD**
153	Free	Junction of	BOYN HILL AVENUE
154	Free	Continue	GRENFELL ROAD
155	**SALT**	**Junction of**	**KINGS GROVE**
156	**SALT**	**Continue**	**GRENFELL ROAD**
157	**SALT**	**Continue**	**GRENFELL PLACE**
158	**SALT**	**Continue**	**KINGS STREET**
159	**SALT**	**Turn right into**	**SHOPPENHANGERS ROAD**
160	Free	Junction of	LARCHFIELD ROAD
161	**SALT**	**Turn left into**	**HARVEST HILL ROAD**
162	Free	Junction of	WINDSOR ROAD
163	Free	Continue	WINDSOR ROAD
164	Free	Continue	BRAYWICK ROAD
165	Free	U Turn at Sports Centre	BRAYWICK ROAD

166	**SALT**	**Turn Left**	**HIBBERT ROAD**
167	**SALT**	**Turn left**	**BRAY ROAD**
168	**SALT**	**Turn right**	**OLDFIELD ROAD**
169	Free	Turn Left	A4 BRIDGE ROAD
170	**SALT**	**Turn left**	**FORLEASE ROAD**
171	Free	Junction of	MOORBRIDGE ROAD
172	Free	Continue	FORLEASE ROAD
173	**SALT**	**Junction of**	**YORK ROAD**
174	**SALT**	**Continue**	**FORLEASE ROAD**
175	Free	Left at	STAFFERTON LINK
176	Free	Turn right	BRAY ROAD
177	**SALT**	**Junction of**	**Hibbert Road**
178	**SALT**	**Continue**	**Bray Road**
179	**SALT**	**Continue**	**High Street**
180	**SALT**	**Continue**	**Upper Bray Road**
181	**SALT**	**To Windsor Road**	**End of route**

PRIORITY ROUTE 4

No	Action	Description	Street Name
1	Free	Right out of Facility	VICKERS WAY SALT BARN
2	Free	Turn left	STAFFERTON WAY
3	Free	Turn left onto	BRAYWICK ROAD
4	Free	Continue	WINDSOR ROAD
5	Free	Roundabout 2nd Exit	WINDSOR ROAD
6	Free	Continue	WINDSOR ROAD
7	Free	Roundabout 1st exit	WINDSOR ROAD
8	Free	continue	WINDSOR ROAD
9	Free	at roundabout 3rd exit	RUDDLESWAY
10	Free	roundabout left onto	DEDWORTH ROAD
11	Free	roundabouts continue straight	DEDWORTH ROAD
12	Free	roundabouts continue straight	DEDWORTH ROAD
13	Free	roundabouts continue straight	DEDWORTH ROAD
14	Free	roundabout 2nd exit	CLEWER HILL ROAD
15	Free	continue to T junction	ST LEONARDS ROAD
16	**SALT**	**turn left**	**ST LEONARDS ROAD**
17	**SALT**	**turn left**	**IMPERIAL ROAD**
18	**SALT**	**continue to roundabout 2nd exit**	**ROYAL WINDSOR WAY**
19	**SALT**	**continue to roundabout 4th exit**	**ROYAL WINDSOR WAY**
20	**SALT**	**continue to roundabout 5th exit**	**ROYAL WINDSOR WAY**
21	**SALT**	**take slip road to Maidenhead roundabout 2nd exit**	**ROYAL WINDSOR WAY**
22	Free	top of slip road at lights SALT OFF	ROYAL WINDSOR WAY
23	**SALT**	**take slip road to Slough at roundabout 3rd exit**	**ROYAL WINDSOR WAY**
24	Free	main carriageway	ROYAL WINDSOR WAY
25	**SALT**	**continue to roundabout 2nd exit**	**GOSLAR WAY**

26	**SALT**	**continue to roundabout 3rd exit**	**GOSLAR WAY**
27	**SALT**	**turn left onto**	**IMPERIAL ROAD**
28	**SALT**	**turn left onto**	**ST LEONARDS ROAD**
29	**SALT**	**continue to roundabout 1st exit**	**ST LEONARDS ROAD**
30	**SALT**	**turn left onto**	**ALMA ROAD**
31	**SALT**	**at roundabout 3rd exit**	**OSBORNE ROAD**
32	**SALT**	**continue onto**	**OSBORNE ROAD**
33	**SALT**	**continue**	**OSBORNE ROAD**
34	**SALT**	**continue onto**	**ALBERT ROAD**
35	**SALT**	**Turn right onto**	**KINGS ROAD**
36	**SALT**	**continue onto**	**OSBORNE ROAD**
37	**SALT**	**Turn left onto**	**FRANCES ROAD**
38	**SALT**	**Turn right onto**	**ST LEONARDS ROAD**
39	**SALT**	**Turn right onto**	**OSBORNE ROAD**
40	**SALT**	**Turn left onto**	**FRANCES ROAD**
41	**SALT**	**Turn left onto**	**SHEET STREET**
42	**SALT**	**Turn left onto**	**VICTORIA STREET**
43	**SALT**	**Turn right onto**	**CHARLES STREET**
44	**SALT**	**Turn right onto**	**GOSWELL ROAD**
45	**SALT**	**continue onto**	**BARRY AVENUE**
46	**SALT**	**continue onto**	**RIVER STREET**
47	**SALT**	**continue onto**	**THAMES AVENUE**
48	**SALT**	**Turn right onto**	**THAMES STREET**
49	**SALT**	**continue onto**	**HIGH STREET**
50	**SALT**	**continue onto**	**SHEET STREET**
51	**SALT**	**Turn right onto**	**VICTORIA STREET**
52	Free	continue	VICTORIA STREET
53	Free	Turn right onto	CHARLES STREET
54	Free	turn left onto	ARTHUR ROAD
55	Free	turn left onto	ALMA ROAD
56	**SALT**	**continue**	**ALMA ROAD**
57	Free	turn left onto	OSBORNE ROAD
58	Free	turn left onto	FRANCES ROAD
59	**SALT**	**Turn right onto**	**KINGS ROAD**
60	**SALT**	**turn left onto**	**ALBERT ROAD**
61	**SALT**	**Turn right onto**	**STRAIGHT ROAD**
62	**SALT**	**continue onto roundabout, turn right**	**PRIEST HILL**
63	**SALT**	**turn immediately onto**	**BURFIELD ROAD**
64	**SALT**	**turn left onto**	**CRIMP HILL**
65	**SALT**	**continue to**	**BOROUGH BOUNDARY**
66	**SALT**	**Turn round at**	**RIDGEMEAD ROAD**
67	Free	continue down	CRIMP HILL
68	**SALT**	**turn left onto**	**ST LUKES ROAD**
69	**SALT**	**Turn right onto**	**ST PETERS ROAD**
70	**SALT**	**Turn left onto**	**STRAIGHT ROAD**
71	**SALT**	**Turn right onto**	**ALBERT ROAD**

72	**SALT**	**continue onto**	**DACHET ROAD**
73	**SALT**	**continue onto**	**SOUTHLEA ROAD**
74	**SALT**	**Salt around island outside farm shop**	**SOUTHLEA ROAD**
75	**SALT**	**continue**	**SOUTHLEA ROAD**
76	**SALT**	**continue onto**	**WINDSOR ROAD**
77	**SALT**	**continue onto**	**KING EDWARD VII AVENUE**
78	**SALT**	**continue onto**	**DACHET ROAD**
79	**SALT**	**turn left onto**	**THAMES STREET**
80	**SALT**	**Turn right onto**	**RIVER STREET**
81	Free	Turn right onto	THAMES AVENUE
82	Free	continue onto	DACHET ROAD
83	Free	continue onto	KING EDWARD VII AVENUE
84	Free	continue onto	WINDSOR ROAD
85	**SALT**	**Turn left onto**	**QUEENS ROAD**
86	**SALT**	**Turn right onto**	**SLOUGH ROAD**
87	**SALT**	**continue onto**	**LONDON ROAD**
88	**SALT**	**continue onto**	**HORTON ROAD**
89	**SALT**	**Turn left onto**	**DACHET ROAD**
90	**SALT**	**continue onto**	**STANWELL ROAD**
91	**SALT**	**turn immediately onto**	**HORTON ROAD**
92	**SALT**	**continue**	**HORTON ROAD**
93	**SALT**	**turn around at**	**POPES CLOSE**
94	Free	continue	HORTON ROAD
95	**SALT**	**turn left onto**	**STANWELL ROAD**
96	**SALT**	**continue**	**STANWELL ROAD**
97	Free	at Poyle roundabout take 3rd exit onto	STANWELL ROAD
98	**SALT**	**turn left onto**	**COPPERMILL ROAD**
99	**SALT**	**continue onto**	**STATION ROAD**
100	**SALT**	**continue onto**	**HIGH STREET**
101	**SALT**	**continue onto**	**STAINES ROAD**
102	**SALT**	**continue onto**	**WRAYSBURY ROAD**
103	**SALT**	**turn left onto**	**HERON LAKE ROAD**
104	**SALT**	**at roundabout 3rd exit**	**HERON LAKE ROAD**
105	**SALT**	**turn left onto**	**WRAYSBURY ROAD**
106	**SALT**	**continue to**	**BOROUGH BOUNDARY**
107	Free	Turn round at	LAMMAS DRIVE
108	Free	continue	WRAYSBURY ROAD
109	**SALT**	**at roundabout 2nd exit**	**WRAYSBURY ROAD**
110	Free	continue	WRAYSBURY ROAD
111	Free	turn left onto	WINDSOR ROAD
112	**SALT**	**continue onto**	**WELLEY ROAD**
113	**SALT**	**turn left onto**	**HORTON ROAD**
114	Free	continue	HORTON ROAD
115	**SALT**	**Turn right onto**	**DITTON ROAD**
116	**SALT**	**turn right onto**	**MAJOR FARMS ROAD**
117	Free	onto roundabout 5th exit	MAJOR FARMS ROAD

118	Free	continue	MAJOR FARMS ROAD
119	**SALT**	**at junction with Ditton Road**	**MAJOR FARMS ROAD**
120	**SALT**	**continue onto**	**LONDON ROAD**
121	**SALT**	**Turn right onto**	**RIDING COURT ROAD**
122	**SALT**	**at roundabout 3rd exit**	**RIDING COURT ROAD**
123	Free	continue	RIDING COURT ROAD
124	**SALT**	**Turn right onto**	**LONDON ROAD**
125	**SALT**	**continue onto**	**SLOUGH ROAD**
126	**SALT**	**turn left onto**	**HIGH STREET**
127	**SALT**	**Turn right onto**	**WINDSOR ROAD**
128	**SALT**	**Turn right onto**	**QUEENS ROAD**
129	**SALT**	**continue onto**	**SLOUGH ROAD**
130	**SALT**	**continue onto**	**DACHET ROAD**
131	Free	at roundabout 5th exit	DACHET ROAD
132	**SALT**	**turn right onto**	**ETON ROAD**
133	**SALT**	**continue onto**	**POCOCKS LANE**
134	**SALT**	**Turn left onto**	**SLOUGH ROAD**
135	**SALT**	**continue onto**	**HIGH STREET**
136	**SALT**	**continue onto**	**BROCAS STREET**
137	**SALT**	**continue onto**	**ATHERTON COURT**
138	**SALT**	**continue onto**	**ETON COURT**
139	Free	Turn left onto	HIGH STREET
140	**SALT**	**turn left onto**	**KEATES LANE**
141	**SALT**	**continue onto**	**ETON WICK ROAD**
142	**SALT**	**Turn right onto**	**CORNORTON ROAD**
143	**SALT**	**continue onto**	**MOORES LANE**
144	Free	turn left onto	ETON WICK ROAD
145	Free	continue onto	KEATES LANE
146	**SALT**	**turn left onto**	**HIGH STREET**
147	Free	Junction with	COMMON LANE
148	Free	continue onto	SLOUGH ROAD
149	**SALT**	**roundabout 1st exit**	**SLOUGH ROAD**
150	Free	turn left onto	ROYAL WINDSOR WAY
151	Free	continue to roundabout 4th exit	DEDWORTH ROAD
152	Free	turn left onto	TINKERS LANE

Guidance Notes for Duty Managers Regarding Forecast Information

i) At approximately 1300 download all data from DTN Roadmaster and inspect 24-hour forecast and graph and appropriate maps (it is likely that your decision will be made at this time).

ii) At approximately 19:00 download the evening update from DTN Roadmaster and inspect forecast graph and text for any updated information. The forecast graph will continue to have actual road surface temperatures plotted every hour until midday the following day. This information can be obtained any time by downloading from DTN Roadmaster. If a decision can still not be made it may be necessary to consult the forecaster at the DTN roadmaster weather centre.

iii) It is the responsibility of each Duty Manager to advise by email, if necessary, Highways England consultants of his / her decision regarding precautionary salting as soon as is practicable after the decision has been made.

iv) It is the responsibility of each Duty Manager to record all action taken and file for future reference for a period of six years.

Decision Matrix Guide

Predicted road conditions

Road surface temperature	Precipitation	Wet	Wet patches	Dry
Expected to fall below 0.5˚ C	No rain No hoar frost No fog	Salt before frost	Salt before frost (*see note a*)	No action likely, monitor weather (*see note a*)
Expected to fall below 0.5˚ C	No rain No hoar frost No fog	Salt before frost	Salt before frost (*see note a*)	No action likely, monitor weather (*see note a*)
Expected to fall below 0.5˚ C	Expected hoar frost Expected fog	Salt before frost	Salt before frost (*see note b/c*)	Salt before frost (*see note b/c*)
Expected to fall below 0.5˚ C	Expected rain BEFORE freezing	Salt after rain stops (*see note d*)	Salt after rain stops (*see note d*)	Salt after rain stops (*see note d*)
Expected to fall below 0.5˚ C	Expected rain DURING freezing	Expected rain DURING freezing	Salt before frost, as required during rain and again after rain stops (*see note e*)	Salt before frost, as required during rain and again after rain stops (*see note e*)
Expected to fall below 0.5˚ C	Possible rain Possible hoar frost Possible fog	Salt before frost	Salt before frost	Monitor weather conditions
Expected snow	Expected snow	Salt before snow fall (note f)	Salt before snow fall (note f)	Salt before snow fall (note f)

The decision to undertake precautionary treatments should, if appropriate, be adjusted to take account of residual salt or surface moisture.

All decisions require continuous monitoring and review.

This is used for guidance only, duty manager to make final decision.

a) Attention should be given to the possibility of water running across carriageways and other running surfaces e.g. off adjacent fields after heavy rains, washing off salt previously deposited. Such locations should be closely monitored and may require treating in the evening and morning, and possibly on other occasions.

b) When a weather warning contains reference to expected hoarfrost, considerable deposits of frost are likely to occur. Hoarfrost usually occurs in the early morning and is difficult to cater for because of the probability that any salt deposited on a dry road too soon before its onset,

may be dispersed before it becomes effective. Close monitoring is required under this forecast condition that ideally should be treated just as the hoarfrost is forming. Such action is usually not practicable, and salt may have to be deposited on a dry road prior to and as close as possible to the expected time of the condition.

c) Hoar frost may be forecasted at other times in which case the timing of salting operations should be adjusted accordingly.

d) If, under these conditions, rain has not ceased by early morning, crews should be called out and action initiated as rain ceases.

e) Under these circumstances rain will freeze on contact with running surfaces and full pre-treatment should be provided even on dry roads. This is a most serious condition and should be monitored closely and continuously throughout the danger period.

f) Weather warnings are often qualified by altitudes, in which case differing action may be required from each depot.

Treatment Matrix Guide for Salting Operations

Weather Conditions Road Surface Conditions Road Surface Temperature (RST)	Treatment			
	Air Temp	Safecote Salting (g	Normal Salting	Ploughing
Frost or forecast frost RST at or above –2⁰ C		7	10	No
Frost or forecast frost RST below –2⁰ C and above –5⁰ C		14	20	No
Frost or forecast frost RST at or below –5⁰ C and above –10⁰ C and dry or damp road conditions		14	20	No
Frost or forecast frost RST at or below –5⁰ C and above –10⁰ C and wet road conditions (existing or anticipated)		2 x 14	2 x 20	No
Light snow forecast (<10mm)		14	20	No
Medium / heavy snow forecast		2 x 14	2 x 20	No
Ice formed (minor accumulations)	above –5⁰ C	14	20	No
Ice formed	at or below –5⁰ C	2 x 14	2 x 20	No
Snow covering exceeding 30mm		14 – 28 (successive)	20 – 40 (successive)	Yes
Hard packed snow / ice	above –8⁰ C	14 – 28 (successive)	20 – 40 (successive)	No
Hard packed snow / ice	at or below –8⁰ C	salt / abrasive (successive)	salt / abrasive (successive)	No

Rate of spread for precautionary treatments may be adjusted to take account of residual salt or surface moisture.

Borough Maintained Highway Salt Bins

	Location of Salt Bin	Area
1 2	Watersplash Lane – junction with Cheapside Road Watersplash Lane – junction with Dorian Drive	Cheapside
3 4 5 6 7 8 9 10	Alleyns Lane – junction with Bradcutts Lane Bigfrith Lane – junction with School Lane Bigfrith Lane – top of access to Lower Coombe End Cookham War Memorial by Popes Lane Hills Lane – junction with Dean Lane Popes Lane – verge at back of parking area outside Valentine Cottage Stonehouse Lane – junction with Winter Hill Terrys Lane – by letterbox near junction Grange Road	Cookham Dean
11	Honey Lane – junction with Henley Road	Hurley
12	Pudding Hill – junction with Warren Row Road	Knowl Hill
13/14 15 16 17 18/19 20 21 22/23 24 25/26 27 28 29/30 31 32 66 67 68 69 70 71 72 73 74 75 78	Belmont Park Avenue – junction with Belmont Park Road / Belmont Road Brunel Road – near the Brunel Centre Castle Drive – junction with St Marks Road Clare Road – junction with Boyn Hill Road Courtlands – both ends of square Denham Close – junction with Wentworth Crescent Footbridge between Holman Eaze and Maidenhead Moor Kidwell's Park Subways Malvern Road – junction with Queensway Moor bridge Road Subways Raymond Road – junction with St Marks Road Rushing ton Avenue – junction with Braywick Road Sainsbury's Subways Stamford Road – junction with Wentworth Crescent Stamford Road – junction with Lingholm Close Cannon Lane – junction to Claires Court School Bramble Drive Hungerford Drive – outside 26 Altwood Road - Sur off Altwood Road College Rise – junction with College Road Highway Avenue – outside shopping parade Brunel Road – by turning circle Derwent Drive – rear of No. 39 Switchback Road North – adjacent to No. 21 Sunderland Road – near shops The Crescent – by footbridge	Maidenhead
33 34/35	Gainsborough Drive – junction with A329 London Road Sutherland Chase – junction with Ancaster Road / Sutherland Chase cul-de-sac	North Ascot
36 37	Hurstwood – junction with Woodlands Ride Llanvair Drive – on grass verge at bottom of hill	South Ascot
38 39	Priory Road – junction with Ridge Mount Road Ridge Mount Road – junction with London Road	Sunningdale
40 41	Armitage Court – junction with Branch Road Cardwell Crescent – junction with Truss Hill Road	Sunninghill

	Location of Salt Bin	Area
42	Fox Covert Close at junction – on north verge	
43	Highclere – on grass verge	
44	Kings Road – junction with Tenby Drive and Pinehurst	
45	Murray Court – junction with St Marys Hill	
46	Norton Park – north footway outside Jane Anne Court	
47	Quince Close – junction with Lower Village Road	
48	Sunninghill Footpath 36	
76	Truss Hill Road – junction with Lower Village Road	
49	Basford Way – on grass verge	Windsor
50	Bell View – junction with St Andrews Crescent	
51	Camm Avenue – junction with Keeler Close	
52	Camm Avenue – junction with Foster Avenue	
53	Duncannon Crescent – junction with Hemwood Road	
54/55	Franklyn Crescent – both ends	
56	Foster Avenue – junction with Wolf Lane	
57	Gilman Crescent – junction with Bryer Place	
58	Hemwood Road – junction with Stroud Close	
59	Hemwood Road – junction with Wilton Crescent	
60	Hemwood Road – junction with Wolf Lane	
61	Lovejoy Lane – on grass verge	
62	Perrycroft – junction with Rydings	
63	Washington Drive – junction with Wolf Lane	
64	Washington Drive – cul-de-sac junction at top of hill	
65	Wolf Lane – junction with Poolmans Road	
77	Rowland Close – junction with Hemwood Road	

Parish/Ward and Resident Groups Maintained Salt Bins

Location of Salt Bin	Owner
Ancaster Drive, Ascot	Ancaster Lodge Residents Association
Balmoral Gardens, Windsor	Balmoral Gardens Residents
Laburnham Road Lower Boyndon Road Lower Boyndon Road junction with Clare Road Grenfell Road Kings Grove Lexington Avenue	Boyn Hill Ward
Calder Court, Maidenhead	Calder Court Freehold Limited
St James the Less, Henley Road, Maidenhead	Church Council
Clewer Youth & Community Centre, Parsonage Lane, Windsor	Clewer Youth & Community Centre
Coxbarrow Close junction with Lower Road Gorse Road Grange Road junction with Burnt Oak Hillcrest Avenue junction with Lyndhurst Avenue Rosebank Close Stubbles Lane junction with Bigfrith Common Terrys Lane – bottom end Warners Hill junction with Dean Lane	Cookham Parish Council

Location of Salt Bin	Owner
Whyteladyes Lane junction with Broom Hill Whyteladyes Lane junction with Dean Lane	
Cox Green Road (by underpass) Cox Green Road (towards Ockwells Park) Farmers Way Shopping Parade Farmers Way junction with Cannon Lane Lowbrook Drive adjacent to Parish Council Noticeboard Wessex Way Shopping Parade	Cox Green Parish Council
Eton Court Car Park Windsor & Eton Town Bridge (Eton side)	Eton Town Council
Bell Lane Shops Village Hall Car Park Moores Lane junction with Eton Wick Road	Eton Wick Ward
Avenue Road junction with Fisheries Road, Bray	Fisheries Residents Association
Guards Club Road, Maidenhead	Guards Club Road Association
Hargrave Road, Maidenhead	Hargrave Road Residents
Bells Lane junction with Stanwell Road Coppermill Road (North and South end) Dawn Redwood Close junction with Park Lane Outside Recreation Ground, Stanwell Road Pickins Piece	Horton Parish Council
Bottle Lane junction with A4 Bath Road, Knowl Hill Choseley Road, Knowl Hill Coronation Road junction with A4 Bath Road, Knowl Hill Honey Lane (top end and near Dew Drop Inn), Hurley Hurley Village Hall, High Street Hurley Jubilee Road junction with A4 Bath Road, Knowl Hill Knowl Hill Village Hall, The Terrace Warren Row Road	Hurley Parish Council
Hurstwood – top end	Hurstwood Residents
Hythe End Road, Wraysbury	Hythe End Road Residents
School Lane, Littlewick Green	Littlewick Green Montessori School
Oakdene, Sunningale, Ascot	Oakdene Residents
Almhouses, Crimp Hill Road Church Road – on bend near Ham Lane Crimp Hill Cemetery Parish Path, Recreation Ground – both ends The Memorial Hall, Straight Road Youth Club, Robin Willis Way	Old Windsor Parish Council
Pool Lane off Broadmoor Road	Pool Lane Caravan Site
Lincoln Road, Maidenhead Sunderland Road, Maidenhead	Pinkneys Green Community Forum
Rushington Avenue, Maidenhead	Rushington Avenue Residents Association
Alma Road Coach Park	Shop Mobility Windsor

Location of Salt Bin	Owner
Park Corner, Windsor	Spencer Denny Age Concern Centre
High Street, Maidenhead	St Mary's Church
Charters Way Dale Lodge Road junction with Leacroft Park Crescent Recreation Ground off Broomhall Lane Sidbury Close junction with Church Road	Sunningdale Parish Council
Bouldish Farm Road Bowden Road junction with The Terrace Cavendish Meads junction with Bagshot Road Coronation Road near St Francis Church / School Oaklands Drive junction with The Avenue School Road junction with Village Road South Ascot Recreation Ground Sunninghill Road, by Public Convenience Queens Road, entrance to Car Park Victory Field entrance, London Road	Sunninghill and Ascot Parish Council
The Pagoda, Maidenhead	The Pagoda Residents
Turpin's Green, Maidenhead	Turpin's Green Residents
Butchers' Lane junction with Waltham Road Manifold Way junction with Waltham Road The Dell off Cannon Lane White Waltham Car Park	White Waltham Parish Council
Acre Passage, Windsor Goswell Hill, Windsor King Edward Court Shopping Centre, Windsor Peascod Street, Windsor	Windsor & Eton Town Partnership (Businesses)
Wood Close near Trevelyan School entrance	Wood Close Residents
Woodlands Close junction with Llanvair Drive	Woodlands Close Residents
Car Park, High Street Welley Road opposite junction with The Avenue	Wraysbury Parish Council

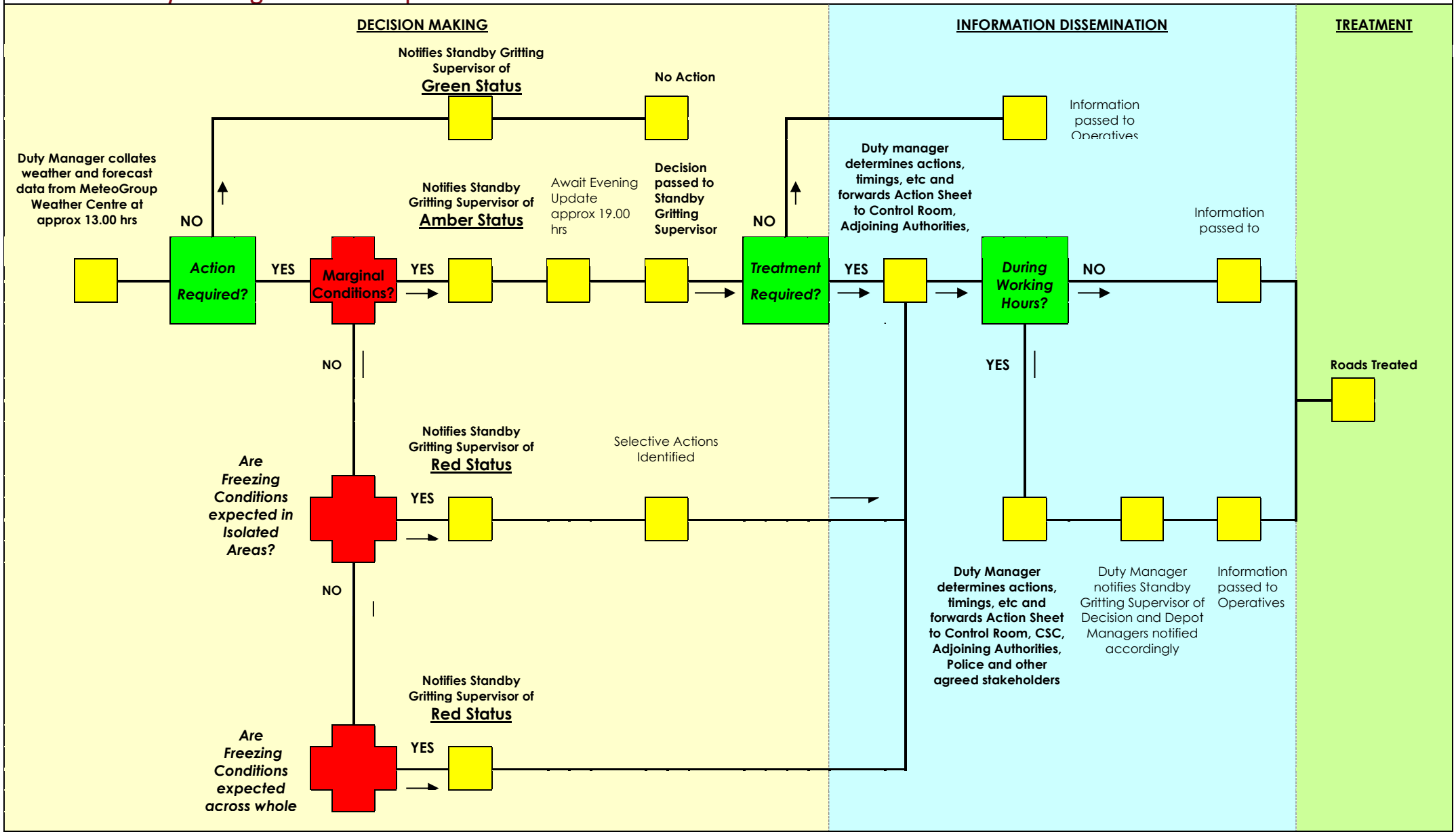
Map of Road Weather Stations/Sensors



LOCATION OF ROAD SENSORS
within the geographic area of Berkshire

1, M4 Membury
2, A4 Halfway
3, A34 East Ilsley
4, M4 Chieveley
5, M4 Shurlock Row
6, A332 Windsor
7, A329 Reading
8, A4 Bad Godesberg
9, A355 Tuns Lane

Precautionary Salting Process Map



Snow Clearing Process Map

