

Sefton Council

HIGHWAY NETWORK MANAGEMENT

WINTER SERVICE POLICY

And Operational Plan



WINTER SERVICE POLICY AND OPERATIONAL PLAN**CONTENTS**

1.0	INTRODUCTION	5
1.1	POLICY PURPOSE	6
1.2	POLICY THEMES	6
1.3	POLICY LIMITATIONS	6
1.4	CONSIDERATIONS IN CONSTRUCTING LEVELS OF SERVICE	7
2.0	WINTER SERVICE POLICY	8
2.1	EXTENT OF SERVICE	8
2.2	CARRIAGEWAY GRITTING	8
2.3	FOOTWAY GRITTING	9
2.4	CYCLEWAY GRITTING	9
2.5	GRIT BIN LOCATIONS	9
2.6	FOOTWAY SNOW CLEARANCE LOCATIONS	10
2.7	CARRIAGEWAY SNOW CLEARANCE	10
2.8	NON TREATABLE AREAS	10
3.0	HIGHWAY NETWORK MANAGEMENT	11
4.0	CONTRACTOR	12
5.0	QUALITY MANAGEMENT	13
5.1	DOCUMENT CONTROL AND CIRCULATION	13
5.2	DECISION MAKING PROCESS	13
5.3	RESPONSE TIMES	14
5.4	DATA PROVISION AND LIAISON ARRANGEMENTS	15
5.5	INFORMATION RECORDING AND ANALYSIS	15
5.6	PERFORMANCE MONITORING AND ANNUAL REVIEW	16
6.0	WEATHER FORECASTING AND CONDITION MONITORING	17
6.1	WEATHER STATIONS	17
6.2	'ICECAST' ICE PREDICTION SYSTEM	17
6.3	THERMAL MAPPING	17
6.4	'METDESK' WEATHER FORECAST SERVICE	17
6.5	TIMING OF FORECAST INFORMATION	18
7.0	DECISION MAKING AND REPORTING PROCEDURE	20
7.1	CONDITION MONITORING	20
7.2	CARRIAGEWAY GRITTING	20
7.3	FOOTWAY GRITTING	26
7.4	ADDITIONAL GRITTING	26
7.5	SNOW PLOUGHING	27
7.6	ADDITIONAL GRIT BINS	27
8.0	PERSONNEL AND TRAINING	28
8.1	LEAD OFFICER	28
8.2	DUTY OFFICER	28
8.3	SUPERVISION	28
8.4	CONTRACTOR	29
8.5	GENERAL	29
9.0	WINTER SERVICE DEPOT PROCEDURES	30
9.1	DEPOT FACILITIES	30
9.2	PROCEDURE	30
9.3	POST OPERATION	30
10.0	WINTER SERVICE GRITTING FLEET	31
10.1	GENERAL	31
10.2	CARRIAGEWAY GRITTING FLEET	31
10.3	FOOTWAY GRITTING FLEET	32
10.4	LOADER	32
11.0	SALT	33

11.1	SALT STOCK	33
11.2	CHEMICAL SPECIFICATION	34
11.3	GRADING	34
11.4	MOISTURE CALIBRATION	35
11.5	TREATMENT RATE	35
11.6	ADDITIONAL SALT STOCKS AND EQUIPMENT	35
12.0	SERVICES PROVISION	36
12.1	WEATHER STATION HARDWARE AND SOFTWARE	36
12.2	FORECASTING AND CONSULTANCY SUPPORT	36
12.3	SALT SUPPLY	36
12.4	WEIGHBRIDGE SUPPLY AND MAINTENANCE	36
12.5	WINTER SERVICE CONTRACTOR	36
12.6	SAFECOTE	37
12.7	FLEET TRACKING HARDWARE AND SOFTWARE	37
12.8	BALFOUR BEATY MOTT MACDONALD (REPRESENTING HIGHWAYS ENGLAND)	37
12.9	EMERGENCY PLANNING TEAM	37
13.0	COMMUNICATION	38
13.1	COMMUNICATION	38
13.2	VARIABLE MESSAGE SIGNS	39
13.3	OUT OF HOURS COMMUNICATION	39
13.4	OTHER CONTACTS	39
14.0	EXTREME WEATHER EVENT RESPONSE	40
14.1	INTRODUCTION	40
14.2	STAGED RESPONSE	40
14.3	CIVIL CONTINGENCY ACT 2004	40
14.4	EXTREME WEATHER EVENT TEAM	40
14.5	POLICY COMPLIANCE	41
14.6	CORPORATE RESPONSE ARRANGEMENTS	42
14.7	CORPORATE SUPPORT	42
15.0	AVAILABILITY OF ADDITIONAL RESOURCES	43
15.1	RESOURCES	43
APPENDIX A	Carriageway Gritting Routes	44
MAP A1	Route 1	64
MAP A2	Route 2	65
MAP A3	Route 3	66
MAP A4	Route 4	67
MAP A5	Route 5	68
MAP A6	Route 6	69
MAP A7	Route 7	70
MAP A8	Route 8	71
APPENDIX B	Footway Gritting Routes	72
MAP B1	Route 1	73
MAP B2	Route 2	74
MAP B3	Route 3	75
MAP B4	Route 4	76
MAP B5	Route 5	77
APPENDIX C	Grit Bins	78
MAP C1	Grit Bin Locations	80
APPENDIX D	Footway Snow Clearance Priorities	81
APPENDIX E	Depot Location	82
APPENDIX F	Salt Restocking Profile	83
APPENDIX G	Summary of Roads Grittled	84
APPENDIX H	Exceptional Circumstances Summary of Roads Grittled	91
APPENDIX I	List of Available Resources	95
APPENDIX J	Additional Carriageway Snow Ploughing Locations	96
APPENDIX K	Carriageway Snow Ploughing Routes	99
MAP K1	Additional Ploughing Route 1	111
MAP K2	Additional Ploughing Route 2	112
MAP K3	Additional Ploughing Route 3	113
MAP K4	Ploughing Route 5P	114
MAP K5	Ploughing Route 6P	115

1.0 INTRODUCTION

The Highways Act 1980 Section 41 and 58 clearly state that the Highway Authorities have a statutory duty to maintain the highway and must at all times take reasonable care to ensure that the highway is not dangerous and that the standard of maintenance is appropriate for a highway of that character and used by such traffic. It must also ensure that a competent person must supervise maintenance work, having received proper training with regard to the highway.

The Railways and Transport Safety Act 2003 (section 111) has inserted an additional section (41(1A)) to the Highways Act 1980 which places a duty on Highway Authorities in respect of winter conditions, as follows: -

'In particular, a Highway Authority is under a duty to ensure, so far as is reasonably practicable, that safe passage along a highway is not endangered by snow or ice'. The effective date of this duty is 31st October 2003.

In 2001, a joint group, comprising DETR, LGA, National Assembly for Wales, Northern Ireland Roads Service, SCOTS, The Highways Agency and the Audit Commission published a document entitled **'Delivering Best Value in Highway Maintenance'**. This document included a section entitled **'Winter Service'** which set out recommendations on how a Highway Authority could meet their legal obligations regarding winter service economically, efficiently and effectively.

In July 2005 the Code of Practice for Highway Maintenance Management titled **"Well-maintained Highways"** was published replacing **"Delivering Best Value in Highway Maintenance"**

September 2013 saw the latest and extensive update to Section 13 and Appendix H of the **"Well-maintained Highways"** document providing an up to ten year implementation plan which Authorities must strive to achieve to provide a robust Winter Service.

Sefton Council Winter Service Policy and Operational Plan has been updated to seek as far as reasonably practical to comply with the revised guidance. The policy may undergo further review in light of experience during the winter season and as a result of the foregoing.

Whilst it must be accepted that it is impossible on the grounds of both practicality and economy to prevent the formation of ice and snow on all of the borough's roads and footways, Sefton Council Highway Network Management will use its' best endeavours to meet its' statutory duty by minimising the detrimental effects of ice and snow on the highway user. In order to do this, winter service operations will be provided between the last Monday in October each year until week commencing the last Monday in March the following year.

Winter service will provide the following:

- Precautionary salting to assist in the prevention of ice formation as weather conditions dictate
- Post salting after the formation of ice and snow to assist in the thawing process as weather conditions dictate and in the appropriate circumstances as determined by competent officers
- Snow removal where it has been determined that post salting would not have a desired effect on lying snow, and the amount of snow has been determined, by competent officers, to be causing an obstruction in contravention of Highways Act 1980 (section 150).
- The provision, distribution and maintenance of grit bins.

All of the above will be provided on routes and at locations specified within the Sefton Council Winter Service Policy and Operational Plan.

1.1 Policy Purpose

The purpose of Sefton's winter policy is to incorporate in the policy where necessary:-

- 1) The lessons learnt from the previous winters
- 2) The recommendations of the Quarmby report
- 3) The Merseyside Winter Service Review Group shared experience
- 4) The "Well maintained Highways" revised Section 13
- 5) Revisions to Appendix 'H' of the "Well Maintained Highways document" (2013)
- 6) The UK Roads Liaison group recommendations

1.2 Policy Themes

The main themes of the policy are:-

- 1) Planning
- 2) Resilience
- 3) Co-ordination and collaboration with other stakeholders
- 4) Co-ordination and collaboration with other authorities
- 5) Efficient use of resources
- 6) Correct decision making.
- 7) Claims defence

1.3 Policy Limitations

In light of the above although the objectives are:

- To minimise delays, accidents and damage resulting from ice and snow.
- To undertake winter service effectively and efficiently.
- To try to prevent ice from forming on priority routes by precautionary gritting.
- To minimise effects of ice and snow already formed by post-gritting where possible.
- To remove snow causing an obstruction on snow clearance routes.

It will not be possible to cover all routes at all times, and the policy is based on prioritisation based on a risk analysis.

1.4 Considerations in constructing levels of service

Well-maintained Highways

This document; Well-maintained Highways - Code of Practice for Highway Maintenance Management and the Institution of Civil Engineers 'Design and Practice Guides - Highway Winter Maintenance', provides detailed professional guidance in the delivery and management of winter services.

Quarmby Report

Following national issues which arose from recent severe weather conditions, the United Kingdom Road Liaison Group Report 2009 and the Quarmby Report 2010, set out a range of recommendations which have been adopted/noted in producing Sefton's Winter Service Operational Policy.

Highways England Network Management Manual

Consideration has also been given to guidance published by the Highways England in its Network Management Manual, although it is recognised that these recommendations are generally more suited to motorways and strategic routes.

This Highway Winter Service Policy has been developed to ensure the Council acts responsibly in fulfilling its statutory duties.

2.0 WINTER SERVICE POLICY

2.1 Extent of Service

The Council aims to provide a winter service in anticipation of and during times of freezing conditions and snowfall. The council aims to minimise the disruption caused to residents, workers and visitors by such conditions, which, in so far as is reasonably practicable, will permit safe movement of traffic and minimise delays and accidents directly attributable to adverse weather conditions having regard to financial constraints and legal requirements.

The winter service system is divided into seven basic categories:

1. Carriageway Gritting
2. Footway Gritting
3. Cycleway Gritting
4. Grit Bin Locations
5. Footway Snow Clearance Locations
6. Carriageway Snow Ploughing
7. Non Treatable Areas

2.2 Carriageway Gritting

The Policy includes Sefton Council's agreed salting routes proposed treatments, deployment of personnel and plant to enable precautionary salting, and snow clearance of the highway network in accordance with specified response times.

Carriageway gritting routes are based on, but are not exclusive to, the following LAA Code of Practice for Maintenance Management carriageway hierarchy:

- (a) Category 2 (Strategic Routes) *
- (b) Category 3a (Main Distributor)
- (c) Category 3b (Secondary Distributor)
- (d) Advisory HGV routes
- (e) Access roads to hospitals
- (f) All bus routes as supplied by Merseytravel

* The definition of Category 2 (Strategic Routes) includes Trunk Roads, however the only Trunk Road within Sefton (A5036 Princess Way / Church Road / Dunning's Bridge Road / Switch Island and their associated structures) is currently maintained by Balfour Beatty Mott MacDonald on behalf of Highways England and does not form part of the gritting route network. Contact details for Balfour Beatty Mott MacDonald are listed in section 12.

Category 1 (Motorways) does not form any part of the highway network and is therefore not included in the gritting route network.

Bus interchanges are included in the carriageway routes where requested by Merseytravel

The routes have been designed and optimised to maximise efficiency and are identified in **Appendix A**. Additionally, there is an alphabetical summary of carriageway gritting in **Appendix G**.

In situations where Central Government impose reductions in salt supplies the Head of Locality Services - Commissioned will consider reverting to the revised gritting routes listed in **Appendix H**.

2.3 Footway Gritting

Footway gritting routes are based upon, but not wholly inclusive of, the following LAA code of practice for maintenance management footway hierarchy.

- (a) Category 1a (Prestige Walking Zone)
- (b) Category 1 (Primary Walking Route)
- (c) Category 2 (Secondary Walking Route)

Footways which meet the criteria may not necessarily be included in the identified routes and are identified in **Appendix B**.

2.4 Cycleway Gritting

Under normal circumstances Sefton will not specifically grit cycleways. They will only be gritted where they form part of the approved carriageway and footway gritting routes.

2.5 Grit Bin Locations

Grit bins are provided, distributed and maintained on the highway at key locations. They are for use by authorised persons as an additional aid to provide the highway user safe passage through the borough. Locations of grit bins will be determined by the Head of Locality Services - Commissioned and will be based on the following criteria as funding allows:

1. Bridges with made footways over railways and canals
2. Footways on steep inclines
3. Footways on sharp bends

Each bin is checked annually and refilled before the start of the winter season. Those that are either damaged or worn will be replaced as necessary. A register of salt bins is maintained within the service to monitor salt bin issues.

Salt bins are provided at locations which are generally not on salting routes but because of the onsite circumstances warrant a facility. Typically these locations are at sharp bends, steep hills, junctions etc.

It is important to note that Sefton Council has determined that the salt bin numbers are at an optimum level. A review of all locations has been carried out to ensure that all sites **satisfy the Council's approved criterion for the location of a salt bin.**

- There must be must sufficient space on the footpath or verge in order that the bin does not cause obstruction to pedestrians or traffic sight lines and the bin can be replenished safely.
- No bins will be provided on un-adopted roads.
- Only in exceptional circumstances will a bin be located where it falls outside the defined criteria.

Salt bins will be replenished during and immediately after periods of adverse weather as resources allow. Also, should a site prove problematic because of regular misuse of salt for

the treatment of private areas, vandalism of a bin or through continued antisocial behaviour attributed to the bin, Sefton Council reserves the right to remove the bin.

Salt from Council stocks will not be supplied to businesses or members of the public. Salt can be purchased from builder's merchants and DIY stores for personal use.

Grit bins will not be provided at the following locations (except in exceptional circumstances to be determined by the Head of Locality Services - Commissioned)

1. Footways that are included on the footway gritting routes.
2. Areas where no footway exists

Grit bin locations are identified in **Appendix C**

2.6 Footway Snow Clearance Locations

In an extreme weather event, when accumulations of lying snow or ice on the footway are deemed to be sufficiently excessive as to cause a potential obstruction to the free passage of the highway user, the footway gritters will be fitted with snow plough blades to assist in snow and ice clearance of footway areas. Initially, the footway snow ploughing will concentrate on the footway gritting routes as detailed in **Appendix B**

A supply of bagged salt is held in store for use and distribution as determined by either the:- Head of Locality Services – Commissioned; Service Manager - Transportation & Highway Infrastructure or; Manager - Highway Management

Once **Appendix B** locations have been brought to an adequate standard, the footway gritters will then be deployed to other areas based on need as authorised by the Head of Locality Services - Commissioned. This work will be supplemented by cleansing operatives and other staff as available. A list of available resources is included in this document at **Appendix I**.

A schedule of cleared areas will be kept on file.

2.7 Carriageway Snow Clearance

All 8 gritting routes are serviced by gritters which have snow plough blades attached. When accumulations of lying snow on the carriageway are deemed to be sufficiently excessive as to cause a potential obstruction to the free passage of the highway user, snow ploughing of as much of each individual route will be undertaken in addition to the gritting operation but only at locations where it is safe to do so and where such ploughing will not cause a further problem by creating obstructions of ploughed snow.

In normal winter conditions, gritting routes are driven in one direction only. The gritter will drive on one side of the road whilst gritting both sides. In snow conditions, the duty officer may instruct the contractor to plough and grit the additional ploughing routes as detailed in **APPENDIX J**. Further detail is provided in section 7.5.

2.8 Non Treatable Areas

Trunk Roads are maintained by Balfour Beatty Mott MacDonald on behalf of Highways England.

All locations and routes within the borough not previously identified in this document do not form part of the winter service and are therefore deemed non-treatable areas

3.0 HIGHWAY NETWORK MANAGEMENT

Highway Network Management will be responsible for the Winter Service Plan and its subsequent revisions based upon Cabinet Member approval and Government legislation. This plan will include the following:

- Specifying standards
- Defining gritting routes
- Decision making process
- Performance monitoring
- Specifying requirements
- Providing salt, storage and facilities
- Providing grit bins and distribution locations
- Providing vehicle fleet and road fund licenses as necessary
- Providing duty officer rotas

4.0 CONTRACTOR

The contractor will be responsible for:

- Contract compliance
- Winter gritting operations
- Provision of sufficient drivers and fitters
- Provision of vehicles as directed
- Maintenance of council owned winter service fleet
- Fuel for winter service fleet
- Annual insurance of winter service fleet
- Salt Depot openings and closings
- Storage of the Authorities resilience salt stock to required standard as detailed in Appendix H of Well Maintained Highways September 2013.
- Weighbridge recording and validation of all vehicle transactions

5.0 QUALITY MANAGEMENT

5.1 Document Control and Circulation

The controlled copy of the Winter Service Policy and Operational Plan document will be held in Locality Services - Commissioned Highway Network Management Unit. Copies will be distributed to the following officers:

- Chief Executive
- Head of Locality Services – Commissioned
- Head of Locality Services – Provision
- Service Manager – Transportation & Highway Infrastructure
- Manager – Highway Management
- Duty Officers
- Contractor
- Sefton Corporate Communications
- All Elected Members

Further copies will be distributed as deemed appropriate by the Head of Locality Services – Commissioned

5.2 Decision Making Process

The greatest safeguard for the protection of the travelling public is to instigate precautionary salting treatment. This is the advanced application of salt applied to a road to prevent ice forming and snow settling.

Precautionary salting provides an effective treatment aimed at ensuring the safe movement of vehicles and is carried out on roads prioritised in accordance with the routes on the website and on the attached appendices. These priorities have been the subject of the Councils democratic approval process and cannot be randomly amended by officers within the service.

The Duty Officers, as per the rota, will maintain close contact throughout the winter period. This along with maintaining a wider communication network with other agencies and advisors, as recommended within the LGA report on winter services, will help share critical information and improve the decision making process.

The quality of decisions made by the Duty Officers will be the key factor in determining both the effectiveness of the Winter Service and also how it is perceived by road users. In **these circumstances, a 'learning organisation' culture is crucial to the continued improvement of the service.**

The decision making process is influenced by the Winter Service Guidance for Local Authority Practitioners (published following the Quarmby Review 2010). References to changes to Appendix H in 2013 (section 13 of the Well Maintained Highways, national guidance document) are noted below: (Please note these may be further changed over time and continuous references to the latest guidance issued to Local Authorities should be used when reading this document).

The decision to carry out winter service operations in accordance with the designated route priorities will be made by the Duty Officer. The decision is made based on the weather

forecasting information received from MetDesk, aided by the Decision Making Matrix shown in [Section 7.2](#) and where appropriate taking account of any relevant local intelligence.

To be both cost-effective and efficient, salt should be spread before ice forms or snow settles on the roads. Anticipating these conditions and reacting correctly depends on a mixture of local knowledge and experience, interpretation of the MetDesk weather forecast and knowledge of the state of the road and the temperatures at that time.

All decisions with regard to gritting will be undertaken by the duty officer who will be on duty on a rota basis 24 hours per day during the winter season. The decision will be based on analysis of actual conditions monitored against forecast data. Appropriate members of Highway Network Management staff will support the duty officer, during normal office hours.

Requests for spot gritting by the Police will be referred via Sefton Security to the Winter Services Contractor for assessment and actioned in liaison with Highway Network Management.

In the event of snow being forecast, the Duty Officer will inform the Manager - Highway Management at the earliest opportunity to discuss the proposed level of response. The Manager - Highway Management will involve other officers as deemed appropriate in determination of the initial response. When an extreme weather event is forecast, the Manager - Highway Management will discuss the forecast with the Head of Locality Services - Commissioned / Service Manager - Transportation & Highway Infrastructure who will call **together the Extreme Weather Event Team (EWET) in order to initiate the Council's stage 2** response should they deem this appropriate. Out of normal working hours, the Manager - Highway Management will inform the Head of Locality Services - Commissioned / Service Manager - Transportation & Highway Infrastructure who will decide if deemed necessary to call members of EWET to a meeting either out of hours or on the next working day. Cover by appropriate officers will be arranged in the absence of either the Service Manager - Transportation & Highway Infrastructure or Manager - Highway Management. All decisions will be logged

Relevant personnel involved in the winter service operation will have the appropriate level of training in both systems and meteorology and comply with health and safety regulations. Training will be updated as necessary.

5.3 Response Times

For precautionary gritting, the response time will be one hour to attend and open the operational depot, plus three hours to load and weigh the gritting vehicles and complete the gritting operation. When snow ploughing is undertaken in isolation or in conjunction with the gritting operation, the time to load the gritting vehicles and complete the gritting operation will be extended to four hours. The duty officer reserves the right to specify a required time to commence the gritting operation in excess of these timings should conditions allow such flexibility.

For post gritting the response time will be one hour to attend the operational depot, plus four hours to load and weigh the gritting vehicles and complete the gritting operation.

For footway gritting the response time will be one hour to attend the operational depot, plus two and a half hours to load and weigh the gritting vehicles and complete the gritting operation. When snow ploughing is undertaken in isolation or in conjunction with the footway gritting operation, the time to load the gritting vehicles and complete the gritting operation will be extended to three and a half hours

5.4 Data Provision and Liaison Arrangements

Weather forecasts and consultancy is provided by MetDesk, Station Approach, Buckinghamshire.

Forecast information is accessed via data gathering equipment and analysed using computer software provided by Vaisala Limited, Elm House, Bristol Road, Birmingham. Computer equipment undergoes pre and post season servicing, whilst weather stations also receive an additional mid-season check to ensure accuracy of information.

Fleet tracking information is accessed via data gathering equipment, is recorded and analysed at the C-Track data centre provided by C-Track, Park House, Leeds and delivered via private cloud infrastructure to an internet ready device. C-Track computer equipment undergoes regular updates and servicing and vehicle tracking units are maintained periodically to ensure accuracy of information.

Regular meetings are held with neighbouring Merseyside district Authorities to discuss various highway maintenance issues including Winter Service as a standard agenda item. A representative of Vaisala Ltd. and MetDesk will attend the pre, mid and post season meetings.

Cross border communication with adjacent Local Authorities and with Highways England will take place to ensure the conditions presented by strategic routes are as consistent as possible. To aid the information to the public variable message signs will be operated whenever possible to provide information on availability of routes (including lanes which are open and closed) and general instruction be given to the public to assist management of traffic. See section 13 for further details and a list of VMS locations.

In addition, liaison will also be undertaken as necessary with the following bodies:

- **Merseyside Police**
Traffic Management
Maghull Police Station
Westway
Maghull L31 0AA
- **Merseytravel**
PO BOX 1976
Liverpool
L69 3HN

This liaison may result in minor alterations to gritting routes which will only be approved in extreme circumstances by the Head of Locality Services - Commissioned.

Locality Services – Provision will be notified as and when footway gritting has been undertaken to enable the suspension of sweeping operations on the footway gritting routes. Relevant contact numbers to be provided and kept up-to-date by the Cleansing Services Manager.

In severe conditions with lying snow or ice on footways, liaison will be undertaken with Locality Services – Provision to co-ordinate available resources in snow and ice removal activities.

Further liaison will be implemented when deemed necessary in line with the Council's stage 2 response to an extreme weather event

5.5 Information Recording and Analysis

Because of the possibility of a civil action for damage due to s41a Highways Act 1980 (as in the introduction of this document) it is essential that readily accessible records are kept of both the

- decisions made and reasons for them
- times and locations of de-icing and snow clearing activities.

These records can be used for producing speedy and accurate information to members and the public regarding the progress made during a snow event. The records will also be used when reviewing the service thus:

- All information relating to the winter service operation and the decision making process will be recorded.
- Fleet tracking information relating to the winter service operation will be recorded through the C-Track Online system
- All requests for service during normal office hours will be recorded onto the departments Mayrise system with the appropriate decision taken in accordance with the winter service policy and operational plan.

5.6 Performance Monitoring and Annual Review

The winter service policy will remain in its approved form until such time as there is a need to review it.

The Winter Service Policy and Operational Plan and the Extreme Weather Event Plan will be reviewed at the end of each winter season. Any required amendments will be made prior to the start of the next winter season and will be presented to Cabinet Member (Transportation) and, where appropriate, Cabinet for approval and adoption.

Performance in the following areas will also be monitored annually:

- Hardware and Software
- Weather Forecasts and support consultancy
- Duty Officers
- Contractor Compliance
- Response Times
- Salt Supply and Availability
- Communication

As well as the continuous monitoring of the delivery of the plan there will be three formal reviews

1. Pre-season. A meeting just before the winter service period to check that preparations are complete and reporting procedures are in place.
2. After a period of severe adverse weather plan recovery and monitor re-stocking
3. At the end of the winter service season. To evaluate the effectiveness of the plan as delivered over the winter and to agree on areas for review and change before the following winter.

6.0 WEATHER FORECASTING AND CONDITION MONITORING

6.1 Weather Stations

Sefton Council has installed weather stations at the following locations:

- Benthams Way, Southport (referred to as Southport site)
- Poverty Lane, Maghull (referred to as Whinny Brook Site)

The stations are provided and maintained by Vaisala Limited and are equipped with sensors to monitor air and road surface temperatures, rainfall, humidity, road surface conditions and the residual salt on the road. In addition arrangements have been made to allow access to weather information from weather stations in Liverpool, Knowsley, St Helens, Wirral and Lancashire.

6.2 'Icecast' Ice Prediction System

The duty officer, to assist in making decisions with respect to winter service operations, can access the information provided by the weather station. The weather stations can also be accessed by MetDesk in their production of weather forecasts for the Authority.

Access to the data is made via Vaisala 'Icecast' ice prediction system utilising 'Navigator' computer software. This system displays the weather station and forecast data in graph, map and tabular displays of current, historic and forecast data. The software is delivered from the Vaisala data centre via private cloud infrastructure to an internet ready device. A laptop is used by the duty officer to access the data at home.

6.3 Thermal Mapping

Some sections of a highway will always be warmer or colder than others. Local environmental factors and prevailing weather conditions determine this pattern of temperature variation. On a winter's night minimum road surface temperatures may vary over the network, creating problems when dealing with snow and ice hazards. Thermal Mapping is a vehicle-based survey technique, scientifically proven to identify and quantify the distribution of temperature differences across a network.

The majority of the roads included on the Authority's carriageway gritting routes have been thermally mapped, and the data included in the ice prediction system. This enables the duty officer to consider the weather conditions throughout the borough, rather than relying solely on the data at the locations of the weather stations.

It is recommended that thermal mapping is revised every 5 years to respond to any **changes in materials comprising the road surface.** Sefton's thermal maps were last updated in April 2014.

6.4 'MetDesk' Weather Forecast Service

MetDesk is contracted to provide the weather forecasting service to the Authority on a daily basis for the winter season. Whilst the official season lasts from week commencing the last Monday in October until week commencing the last Monday in March, the forecast services are provided from 15th October until 30th April each year.

MetDesk weather service consists of the following elements:

- A daily 24-hour forecast predicting weather conditions for the 24-hour period from 12:00 noon on the day of issue. The forecast information is supplied in both graphical and textual formats.

The graphical format shows the predicted forecast for the period based on road surface temperatures and weather conditions. This data is monitored. Updates will be issued by the forecast provider if the actual recorded temperature falls 2 degrees below the minimum forecast road surface temperature.

The text gives additional forecast information which is read in conjunction with the graph and is issued in three forms:

Green Ice formation extremely unlikely

Amber Ice formation possible

Red Ice formation extremely likely

- A 24 to 48 hour forecast predicting weather conditions for the following 24 to 48 hour period. The forecast information is provided is supplied in both graphical and textual formats.
- A three to five day forecast provided on a daily basis giving an early indication of the likely conditions for the next 5 days.
- A 6 to 10 day outlook for the region giving an early indication of any potential weather hazards.
- A daily morning summary which gives a review of the previous 24 hours and an early indication of the likely weather for the coming 24 hours.
- A 24 hour helpline direct to the forecast room at MetDesk. The duty officer can therefore contact the forecaster at any time to discuss conditions.
- The information includes:
 - Road surface temperatures
 - Air temperature
 - Dew temperature
 - Relative humidity
 - Precipitation
 - Surface state – ice/snow/wet/moist/dry.
 - Wind direction

6.5 Timing of Forecast Information

The daily forecasts will usually be produced by MetDesk between 12.00 and 13.00 each day. It is the responsibility of the duty officer to check the forecast to make a preliminary **assessment of the coming evening's weather conditions.** The daily forecast is updated each evening between 18.00 and 19.00 to advise the duty officer of any significant changes to the earlier forecast.

In the event of the likelihood of an extreme weather event, an interim forecast has been introduced to be provided after receipt of the morning summary report but prior to the usual daily afternoon forecast. This forecast will be delivered as necessary to provide an

early warning and give officers the opportunity to make the necessary preparations in accordance with either the stage 1 or stage 2 response.

7.0 DECISION MAKING AND REPORTING PROCEDURE

7.1 Condition Monitoring

Depending on the conditions on any night, it is the responsibility of the duty officer to monitor the forecast, contacting MetDesk as necessary for clarification of any uncertainties. The first forecast is received at lunchtime each day during the winter season with updates provided as necessary. The duty officer monitors these forecasts against actual recorded temperatures and conditions recorded at the weather stations. This process will continue until such time that the duty officer can make a decision on the need to grit. Precautionary carriageway gritting will be undertaken when ice formation can reasonably be predicted based on forecast information combined with actual weather station sensor data.

7.2 Carriageway Gritting

Once a decision has been made to grit the carriageway routes, the duty officer will contact the Winter Service Contractor to enact the gritting operation either immediately (when the response times will be relevant) or conversely at a specific time. If a time is specified, it cannot be shorter than the agreed response time. In addition, the duty officer will advise MetDesk of the decision to grit and also the decision made (this may be to grit or to take no action) on any nights which have an amber or red forecast.

Where conditions allow, the gritting operation will be timed to avoid the evening and morning rush hours as the gritting operation may be hampered by traffic congestion. It is accepted, however, that this is not always possible.

All decision-making information is recorded.

The Sefton Council Highway network is prone to disruption caused by infrastructure works, highway, utility and development works, or by traffic congestion. This requires that a flexible approach to delivering the routes is adopted. The sequence of streets in the routes is only indicative and if circumstances dictate the streets listed can be delivered in any order. Gritter drivers will be instructed to vary their routes according to traffic, weather or other considerations. Having this flexibility written into the plan will help when repudiating any claims generated by adverse weather. Accurate recording of the streets actually treated is important and can be carried out by vehicle trackers or paper records, and any failure to treat a street must be recorded with the reasons why that street was not accessible to a gritting vehicle and what reasonably practicable steps were taken in order to gain access and treat the highway.

Additionally highway and traffic schemes can make permanent changes to the network. These obstructions can prevent winter service being carried out in some locations. A schedule of current obstructions should be compiled, kept up to date and publicised.

De-icing method

The majority of winter service treatments in the UK are precautionary. Appendix 'H' recommends that sufficient salt should be spread to:

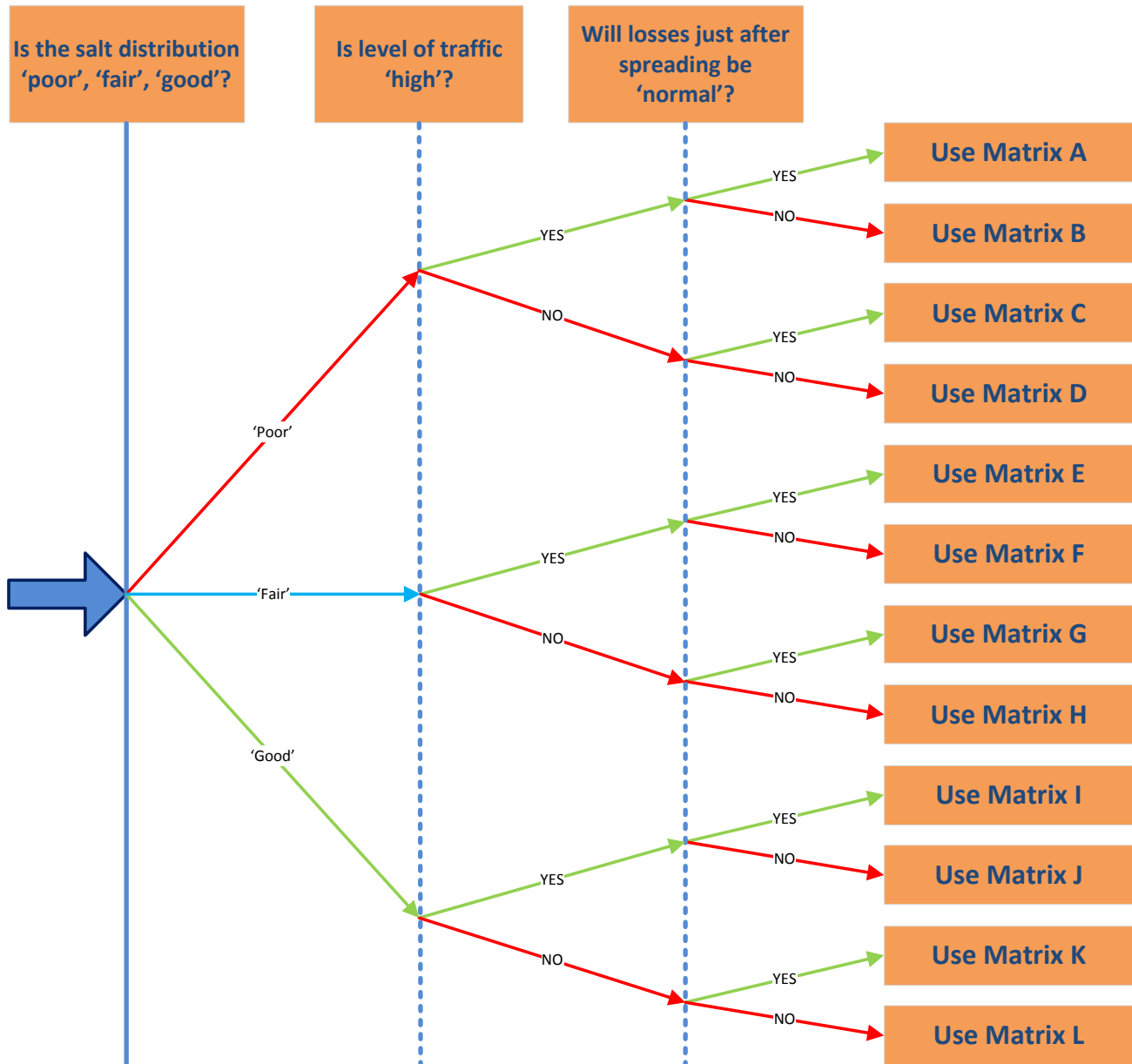
- Prevent frost and ice formation
- Prevent ice or snow bonding to the carriageway
- Spread rates should be kept as low as practicable for the forecast conditions and road surfaces considered
- Cost savings

- Increased resilience
- Minimise impact on the environment

Appendix 'H' states that spread rate decision based on assessment of 3 factors:

- Salt distribution Good/Fair/Poor
- Traffic level Low/Medium or High
- Salt loss immediately after spreading Normal or High

Decision makers use the Appendix 'H' 2013 matrix identified in the decision tree below as basis wherever practicable to the appropriate choice of spread rates. Note: All variables in Appendix 'H' are considered.



Decision on the salt distribution based on:

- Assessment of spreader performance during calibration
- Type and condition of the salt
- Calibration of the spreader

- Wind speed during spreading

Traffic levels

- Appendix H considers 2 traffic levels:
- Heavy - 250 vehicles per hour per lane or more
- Low and medium – up to 250 vehicles per hour per lane

Salt loss immediately after spreading

- The salt loss anticipated after spreading should be assessed as normal or high:
- Normal loss
- Traffic is not heavy during spreading
- Road surface is wet
- High loss
- Traffic heavy during spreading and road surface dry or damp, or If the moisture content of dry salt is less than 2% when dry salting

Recommended Spread Rates

Table 1 below recommends appropriate spread rates and is to be used as a guideline by duty officers as good practice for when salt stocks are greater than the minimum salt stocks taking into account.

The decision maker applies the treatment guidance within Appendix 'H' of the Well Maintained Highways document appropriate to the route, including but not limited to traffic levels, road surface type, climactic conditions, salt condition, vehicle capabilities and residual salt considerations.

Appendix 'H' of the Well Maintained Highways Code of Practice

Treatment Matrix 'C' Guide For Treated Salt – Good Coverage, Medium Traffic, and Normal Loss (Treatment matrix column K)

Weather Conditions Road Surface Conditions Road Surface Temperature (RST) – Treatment trigger is Forecast RST of +1°C	Treatment		
	Recommended Salting (g/m ²)	Sefton's Treatment (g/m ²)	Ploughing
RST at or above and dry or damp road conditions	7	10	No
RST at or above – 2°C and wet road conditions	7	10	No
RST below – 2°C and above – 5°C and dry or damp road conditions	8	10	No
RST below – 2°C and above – 5°C and wet road conditions	16	16	No
RST at or below – 5°C and above – 10°C and dry or damp road conditions	15	15	No
RST at or below – 5°C and above – 10°C and wet road conditions	30	30	No

Treatment Matrix 'C' Guide For Treated Salt – Good Coverage, Medium Traffic, and Normal Loss (Treatment matrix column K)

Weather Conditions Road Surface Conditions Road Surface Temperature (RST) – Treatment trigger is Forecast RST of +1°C	Treatment		
	Recommended Salting (g/m2)	Sefton's Treatment (g/m2)	Ploughing
Light snow forecast (<10mm)	20	20	No
Medium/heavy snow or freezing rain forecast	2 x 20	40	Yes
Ice formed Above – 5°C	20	20	No
Ice formed at or below – 5°C	2 x 20	40	No
Snow covering exceeding 10mm	20 – 40 (successive)	40	Yes
Hard packed snow/ice Above – 8°C	20 -40 (successive)	40	No
Hard packed snow/ice at or below – 8°C	salt/abrasive (successive)	40	No

Further Salting actions and considerations (supporting information):

This is the action taken to remove ice and snow that has already formed on the road. These roads are prioritised and detailed in on our website: <http://www.sefton.gov.uk>

Carriageway decision matrix

Decision Matrix Guide of the Well Maintained Highways Code of Practice Sefton Council's Salting Options shown in red

Road Surface Temperature	Precipitation	Predicted Road Conditions		
		Wet	Wet Patches	Dry
May fall below 1C	No Rain	Salt before Frost	Salt before freezing (see note a)	No action likely, monitor weather (see note a)
	No Hoar frost			
Expected to fall below 1C	No Rain	(Option 1)	(Option 2)	(Option 3)
	No Hoar frost			
	No Fog			
	<u>Expected</u> hoar frost		Salt before freezing (see note b) (Option 2)	
	<u>Expected</u> fog			
	<u>Expected</u> rain before freezing	Salt after rain stops (see note c) (Option 4)		
	<u>Expected</u> rain during freezing	Salt before freezing, as required during rain and again after rain stops (see note d) (Option 4)		
	<u>Possible</u> rain	Salt before frost		Monitor weather conditions
	<u>Possible</u> hoar frost	(Option 1)		(Option 3)
	<u>Possible</u> fog			
Expected snow		Salt before snowfall (Option 1)		

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

All decisions should be evidence based, recorded and require continuous monitoring and review.

- a) Particular 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 possible 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 can become effective. Close monitoring is required under this forecast condition which should ideally 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. Hoarfrost may be forecast at other times in which case the timing of salting operations should be adjusted accordingly.
- c) If, under these conditions, rain has not ceased by early morning, crews should be called out and action initiated as rain ceases.

- d) 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.
- e) Weather warnings are often qualified by altitudes in which case differing action may be required from each depot.
- f) Where there is any hint of moisture being present, a pessimistic view of the forecast should be taken when considering treatment to negatively textured surfaces.

Sefton Council Salting Options

Option 1	Option 2	Option 3	Option 4
Salting on all routes	<ul style="list-style-type: none"> a) Precautionary salting all routes or, b) On occasions where the roads are generally dry with sporadic wet patches but have been treated on at least two previous evenings without rainfall, a spot treatment option may be considered 	<ul style="list-style-type: none"> a) Precautionary salting all routes or, b) On occasions where the roads are generally dry with sporadic wet patches but have been treated on at least two previous evenings without rainfall, a spot treatment option may be considered. c) Monitor through scouting 	Precautionary salting all routes <ul style="list-style-type: none"> a) If possible after rainfall and prior to ice forming b) During rainfall where unavoidable due to freezing road surface temperatures c) If necessary after rainfall

Standard Operating Procedures

The duty officer as per the rota, will be responsible for organising salting operations required 24 hours per day, 7 days per week including bank holidays and over the Christmas and New Year period. These arrangements will also ensure that sufficient operational staff are also available during these periods.

Generally, operations will consist of a pre-salting exercise during which designated roads are treated. Dependant on the weather forecast pre-salting operations will commence early evening and be fully completed by prior to midnight.

Precautionary salting will be one hour to attend the operational depot, plus three hours to load and weigh the gritting vehicles and complete the gritting operation.

Section 13 of the Code of Practice for Highway Maintenance Management recommends introduction of a comprehensive and accurate record keeping system. At present such information is kept electronically on the Sefton Council’s database and in hard copy formats.

Prolonged or Severe Weather Events

During periods of severe or prolonged weather events (i.e. when normal operations cannot be maintained), the network can be reduced to treating just the strategic routes. Strategic routes are defined as those routes that are essential to the continuance of business, emergency services, social and educational needs and any other critical establishments.

During severe weather events, Sefton Council is to ensure that salt stocks are used effectively and conserved where practical.

The decisions made by the Decision Makers regarding treatment levels, may on occasions be affected by salt stocks held at the time.

The decision to reduce salting to include only the critical network must be communicated to other districts to enable mutual aid and operational issues and must receive Director approval.

Table 2 below shows the points at which the automatic re-ordering of salt from the supplier are triggered.

Table 2

Required minimum stock levels for commencement of season	Minimum stock (tonnes)			Maximum stock (tonnes)
	Oct-Dec	Jan - Feb	April	
	1500	1500	900	1800

NB: Sefton salt usage

Actions:

Salt bin stock refilling activities may be suspended until minimum levels increase.

Winter service manager is to contact supplier to inform of reduction in local service delivery and need for urgent supplies in line with Stock management protocols established within **tendered contract conditions (minimum deliveries to return Authority to 'Minimum Stock Holding levels, i.e. 12 Days resilience)**.

It should be noted that no supplier of Salt in the UK engages in guaranteed supply contracts and therefore is not reasonably practicable to secure a guaranteed supply

7.3 Footway Gritting

On a night when the carriageway gritting operation has been undertaken, the footway routes will also be gritted, providing the conditions remain suitable for such action. When there is any doubt, the Duty Officer will assess the conditions and if icy conditions persist, will instruct the contractor to grit the footway routes. Any decision will be recorded. In addition, the duty officer will advise Locality Services – Provision of the decision to grit the footways in order to suspend any planned sweeping activities on the footway gritting routes.

7.4 Additional Gritting

Sefton will not accede to requests to grit areas which do not form part of approved gritting routes other than in exceptional circumstances, for example, where standing water is evident due to unforeseen circumstances.

When conditions dictate, the duty officer will instruct the contractor to double the rate of spread on all bridges, steep slopes and roundabouts that are included in the gritting routes.

7.5 Snow Ploughing

In the event of snow being forecast, the Duty Officer will inform the Manager - Highway Management at the earliest opportunity to discuss the proposed level of response. The Manager - Highway Management will involve other officers as deemed appropriate in determination of the initial response. When an extreme weather event is forecast, either in or out of normal working hours, the Manager - Highway Management will inform the Head of Locality Services – Commissioned / Service Manager - Transportation & Highway Infrastructure who will determine whether it is necessary to call together the **Extreme Weather Event Team (EWET) in order to initiate the Council's stage 2 response. This** meeting will be either the same day, out of hours or on the next working day. Cover by appropriate officers will be arranged in the absence of either the Service Manager - Transportation & Highway Infrastructure or Manager - Highway Management

When deemed necessary, the duty officer will instruct the contractor to plough and grit both the suitable sections of the usual routes and the additional ploughing routes (as detailed in **APPENDIX J**) These additional routes will not allow for ploughing of the entire route but are designed to treat the sections of existing gritting routes, where it is possible and safe to do so. The ploughing locations will be based, as far as possible, on bus routes and have been designed in liaison with Merseytravel.

Many of the locations included on the gritting routes are not suitable for ploughing as such an operation would leave the highway in a dangerous state due to the position of the ploughed snow. Ploughing will therefore only be undertaken where it is safe to do so. This is likely to be multiple lane carriageways and dual carriageways where one lane could be ploughed without causing a problem to pedestrian traffic.

Any revisions to the ploughing routes will only be authorised in extreme circumstances by the Head of Locality Services - Commissioned or nominated officer.

7.6 Additional Grit Bins

Requests for additional grit bins will be considered based on the criteria stated in this policy and operational plan. Where the request meets these criteria, a bin will only be placed if a suitable exact location can be found and there is sufficient funding available.

8.0 PERSONNEL AND TRAINING

8.1 Lead Officer

The lead officer in the delivery of the winter service policy and operational plan is as follows:

Team leader – Highway Network Management

Locality Services – Commissioned

Magdalen House

Trinity Road

Bootle L20 3NJ

0151 934 4321

network@sefton.gov.uk

Any enquiries with regard to the content or delivery of this policy should be directed here in the first instance

8.2 Duty Officer

Throughout the specified winter season, one duty officer will be available 24 hours a day. The period each officer will be on duty will run from Monday morning until the following Monday morning when the duty will pass to the next officer on the rota.

Officers will be on duty from week commencing the last Monday in October until week commencing the last Monday in March each season.

All duty officers will have the appropriate training. All have been trained in the use of the Icecast and Navigator systems. In addition, all have been trained in the following:

- Introduction to Meteorology
- Factors affecting road surface temperature
- Winter road hazards
- The ice prediction infrastructure, thermal mapping and Roadcast
- Interpretation of forecasts

The duty officer rota contains confidential information including home telephone numbers and is recorded in a separate document.

8.3 Supervision

As the gritting operation is generally undertaken out of normal working hours, supervision of the contractor will be monitored by the C-Track system. The Duty Officer can access the C-Track data when required using the C-Track Online interface. The Duty Officer represents the Head of Locality Services – Commissioned in all aspects of the Winter Service Operation. The Duty Officer is contacted either by mobile telephone or via Sefton Security services on 0151 922 6107. On the occasion where the winter service operation is undertaken during normal working hours, supervision will be undertaken by relevant officers in liaison with the duty officer.

8.4 Contractor

The contractor will provide sufficient drivers, fitters and support staff to undertake the gritting operations from 15th October until the following 30th April. Drivers will be qualified to drive heavy goods vehicles and will familiarise themselves with the gritting routes prior to the start of the winter season. The contractor will ensure the Working Time Directive (2003) is adhered to.

Operatives will wear appropriate protective and high visibility clothing conforming to the requirements of BS6629: 1985. Garments will provide the highest degree of conspicuity – Class A with sleeves to appendix G.

8.5 General

All personnel involved in the winter service will work in accordance with Health and Safety at Work Act 1974 and all other relevant legislation.

The following personnel will be equipped with a mobile telephone:

- Duty Officer
- Contractor Supervisor
- All Gritter Drivers
- Call Out Mechanic

9.0 WINTER SERVICE DEPOT PROCEDURES

9.1 Depot Facilities

The winter service depot is located in Damfield Lane, Maghull. A location plan is included at **Appendix E**

The depot is equipped with a purpose built D-19/1.8 Eurodome supplied by Dome (UK) Ltd for the storage of salt, and a weighbridge supplied by Avery Weigh-Tronix (formerly Central Weighing Ltd). The weighbridge is computer linked to the salt supplier for the accurate measurement, usage monitoring and restocking of salt.

An additional salt stock storage barn is located in the contractor depot in Brewery Lane, Melling. This is to ensure correct storage of authority resilience salt stock in compliance with recommendation 13.2a of Appendix H of Well Maintained Highways September 2013.

9.2 Procedure

Once called out, all of the gritting vehicles will be delivered to the winter services depot and the depot opened within one hour. The vehicles will then be loaded with the appropriate amount of salt.

During the loading operation, the gritting vehicle will be left in gear with the handbrake on. The driver should remain out of the cab, keeping a safe distance until the loading has been completed.

Once loaded, the contractor will ensure the gritting vehicle is driven over the weighbridge and will verify the recording of both the time and the amount of salt it has been loaded with. (The unladen weight of the vehicle is previously programmed into the weighbridge computer system). On return to the depot after completion of the gritting route, the contractor will ensure the gritting vehicle is again driven over the weighbridge and verify the recording of the time and the amount of salt used.

9.3 Post Operation

All gritting equipment will be returned to storage unless otherwise directed by the duty officer.

Due to the anti-corrosion qualities of the 'Safecote' additive in the salt, the vehicles will NOT be washed down at any time, except at the specific request of the Manager - Highway Management

The contractor will ensure that the salt depot is secured.

10.0 WINTER SERVICE GRITTING FLEET

10.1 General

- #4 vehicles are owned by Sefton Council who will provide the necessary road tax certificates.
- #8 vehicles are leased through the contractor by agreement.
- **Each fleet item is subject to the Council's maintenance schedule which includes an annual (preseason) overhaul and monthly servicing in November, December, January and February each season.**
- All gritting vehicles are calibrated to BS 1622 (1989 Class A1)
- All spreaders are calibrated in accordance with Appendix H of Well Maintained Highways September 2013.
- The contractor will arrange for storage of gritting vehicles at a suitable agreed location in order to comply with contract response times.
- The contractor will insure all vehicles and drivers.
- Both Sefton and the Contractor work with the spreader manufacturer (Econ) on calibration on spreader vehicles pre-season and mid-season to ensure compliance with Appendix H of Well Maintained Highways September 2013

10.2 Carriageway Gritting Fleet

Sefton operates the winter service for carriageway gritting utilising 8 gritting routes. In order to facilitate the operation, there is a fleet availability of 8 vehicles calibrated in accordance with Appendix H of Well Maintained Highways September 2013 plus 4 existing council owned vehicles to allow support in case of major breakdowns.

Vehicle Registration	Vehicle Status	Vehicle Type	Age (2016)
SF10DHG	Leased	Volvo FL6-240 18T Chassis Econ 6 cubic meter	6 years
SF10DHK	Leased	Volvo FL6-240 18T Chassis Econ 6 cubic meter	6 years
SF10DHJ	Leased	Volvo FL6-240 18T Chassis Econ 6 cubic meter	6 years
SF59GXA	Leased	Volvo FL6-240 18T Chassis Econ 6 cubic meter	7 years
SF59GXE	Leased	Volvo FL6-240 18T Chassis Econ 6 cubic meter	7 years
SF59GXB	Leased	Volvo FL6-240 18T Chassis Econ 6 cubic meter	7 years
SF58GNP	Leased	Volvo FL6-240 18T Chassis Econ 6 cubic meter	8 years
PO58TZB	Leased	Volvo FL6-240 18T Chassis Econ 6 cubic meter	8 years

Vehicle Registration	Vehicle Status	Vehicle Type	Age (2016)
FJ54ZPG	Owned	Leyland Daf FA 55.210 / Econ Gritter	12 years
FJ54ZSG	Owned	Leyland Daf FA 55.210 / Econ Gritter	12 years
SN08HPA	Owned	Volvo FL6-240 18T Chassis Econ 6 cubic meter	8 years
PO58TZD	Owned	Volvo FL6-240 18T Chassis Econ 6 cubic meter	8 years

10.3 Footway Gritting Fleet

The footway gritting fleet will comprise of the following equipment which is leased through the contractor by agreement:

Vehicle Registration	Vehicle Type	Age (2016)
DK65 HVE	Kioti 4x4 Tractor CK2810	1 years
Unregistered	Iseki TXG237	1 years
DK65 HVF	Kioti 4x4 Tractor CK2810	1 years
	Bogballe S2 Spreading Unit	4 years
	Bogballe S2 Spreading Unit	4 years
	Bogballe S2 Spreading Unit	4 years
	#9 Snow Ploughs	

10.4 Loader

Gritting vehicles are loaded using the following loader which is leased through the contractor by agreement:

Vehicle Registration	Vehicle Type	Age (2015)
PO65 EDL	Merlo TF 42.7	1 year

11.0 SALT

11.1 Salt Stock

The salt stock is located both at the winter service depot in Damfield Lane, Maghull and in the contractor depot in Brewery Lane, Melling. It is stored in the Eurodome and the resilience salt barn. Prior to the start of the season, salt levels are restored to an agreed level in preparation for the coming winter. Currently, the commencing stock level is 1,800 Tonnes (900 in the Eurodome and 900 in the salt barn). A restocking profile is agreed with the salt supplier whereby salt stocks are replenished throughout the winter season when key points are reached on the restocking profile. As the supplier is electronically linked to the weighbridge, stock levels for the Eurodome are automatically monitored and the stock replenished when necessary. In this way, there should always be sufficient stock levels to deal with winter gritting requirements. In accordance with the requirements of Appendix H, **additional salt stocks are maintained at the contractor's premises which are located within 3 miles of the Council's operational depot detailed in Appendix E of this document.**

A copy of the Salt Restocking Profile is included in **Appendix F**

Salt is supplied by: Compass Minerals (Salt Union),
De-Icing Business,
Winsford Rock Salt Mine,
Winsford,
Cheshire,
CW7 2PE.

Salt type utilised: **'Thawrox' Plus**

'Thawrox' Plus is an enhanced form of 'Thawrox' 6 rocksalt, containing 3% of a de-sugared molasses product 'Safecote'

'Safecote' has been shown to inhibit the corrosion potential of de-icing salt. It can also enhance the spreading characteristics of the salt and improve adhesion to the road surface. When it is added to rock salt immediately after mining and elevation, the result is an easily handled salt with increased corrosion resistance.

Test methods are as specified in **BS 3247:1991 'Salt for Spreading on Highways for Winter Maintenance or Equivalent'**. Anti-caking and **'Safecote' testing methods are proprietary.**

Stocks are stored as described above.

The arrangement for salt supply is reviewed periodically to ensure value for money and sustainability. The contract does not have a guarantee clause, UK suppliers do not offer this.

Mutual aid is considered by the Merseyside Consortium Winter Service group in order to provide support for neighbouring authorities based upon stocks.

The Council has access to stock levels to a maximum capacity of 250k tonnes of government strategic stock, although this is available to all councils therefore only part would be accessible to Sefton CC. This in line with new Government guidelines to ensure that councils have a minimum of 12 days resilience (increased from previous 6 day recommendations).

Best endeavours are undertaken to confirm loading methods ensure minimum loss and salt is taken from within the pile and tested monthly during the winter season to ensure **moisture levels are within the Appendix 'H' guidelines.**

The Council has developed a stock management arrangement with its supplier to prevent stock levels falling to a critical point. However, a limited supply chain prevents an absolute solution to the potential for interruptions to salt supplies both regionally and nationally. To mitigate this possibility national and regional arrangements have been put in place:

250,000 tonnes of salt reserves have been arranged by Government with protocols in place for Sefton Council to access these reserves during severe weather events.

Sefton Council uses **the 'Thawrox' Plus** deicing salt as described above and is also looking to **maximise the efficiencies found in the Appendix 'H' document and will investigate alternatives in due course.**

11.2 Chemical Specification

PROPERTY	UNIT	SPECIFICATION
Soluble Chlorides	%m/m NaCl	>90.0
Soluble Sulphate	%m/m CaSO ₄	<2.5
Insolubles	%m/m	<7.5
Anti-caking agent	mg/Kg	>30.0
'Safecote'	%m/m	2.5-3.5

11.3 Grading

PASSING BS 410 TEST SIEVE	SPECIFICATION %m/m
10 mm	100
6.3 mm	100
2.36 mm	30 – 80
0.3 mm	< 20

Each individual load received has its own test documentation provided on the reverse side of the delivery note.

Should the need arise to undertake additional testing of the salt, this will be arranged in liaison with the salt supplier.

11.4 Moisture Calibration

Sefton regularly check the salt condition, by testing samples taken from existing stockpiles as well as new deliveries. This method is done on a monthly basis and provides data to aid the decisions for salting spread rates factoring in salt condition.

Sefton conduct salt monthly moisture testing using an outsourced laboratory. Decision making includes data from moisture test results.

11.5 Treatment Rate

All carriageway routes shall be gritted in accordance with the Decision making process in Section 7.2

All footway routes are gritted with 10 gm/sq. m unless otherwise directed by the duty officer.

11.6 Additional Salt Stocks and Equipment

1,000 bags of salt are stored for distribution whenever conditions dictate and the decision is taken that it is necessary to utilise them. The decision to distribute bags of salt and the prioritisation of locations will be taken by the Head of Locality Services - Commissioned in liaison with EWET as appropriate.

300 snow shovels have been placed into store to be utilised when necessary. Shovels will be provided to internal staff who are redeployed for snow clearance (refer to **Appendix I** for details) and also communities if deemed appropriate by the Head of Locality Services - Commissioned.

12.0 SERVICES PROVISION

12.1 Weather Station Hardware and Software

All weather station hardware and software is provided by:

Vaisala Ltd

Birmingham Office
Elm House
351 Bristol Road
Birmingham B5 7SW, UK
0121 683 1200

12.2 Forecasting and Consultancy Support

All forecasting and consultancy support is provided by:

MetDesk

3 Station Approach
Wendover, Buckinghamshire
HP22 6BN
01296 623888

12.3 Salt Supply

All salt is supplied by:

Compass Minerals (Salt Union) Limited

De-Icing Business
Winsford Rock Salt Mine
Winsford
Cheshire, CW7 2PE
0870 532 9393

12.4 Weighbridge Supply and Maintenance

The weighbridge is supplied and maintained by:

Avery Weigh-Tronix

Foundry Lane
Smethwick
West Midlands
B66 2LP
0845 246 6730 Option 3
www.averyweigh-tronix.com
serviceresponse@awtxglobal.com

12.5 Winter Service Contractor

The winter service contractor is:

Grayson's H&E Services

Moss Side
Formby
L37 0AE

12.6 Safecote

Safecote is supplied by:

Safecote

17 Queen Anne's Gate
Westminster
London
SW1H 9BU
0207 233 4547
www.safecote.com

12.7 Fleet Tracking Hardware and Software

All fleet tracking hardware and software is provided by:

C-Track (North Region)

Park House
Headingley Office Park
8 Victoria Road
Leeds
LS6 1LG
0845 200 1215
www.C-Track.co.uk

12.8 Balfour Beatty Mott MacDonald (Representing Highways England)

Trunk Roads within Sefton are maintained by:

BBMM (Area 10: Greater Manchester, Cheshire, Merseyside and Lancashire (part))
Balfour Beatty Mott MacDonald
Area 10 ASC
Ground Floor,
Spencer House
81 Dewhurst Road
Birchwood
Warrington
WA3 7PG
+44 (0) 20 3462 1900
customercare.area10@bbmmjv.com

12.9 Emergency Planning Team

Emergency Planning is implemented and co-ordinated by:

Emergency Planning Team

Magdalen House
30 Trinity Road
Bootle
L20 3NJ
0151 934 2187

13.0 COMMUNICATION

13.1 Communication

All communication will be through:

Sefton Corporate Communications

First Floor, Trinity Wing
Bootle Town Hall
Oriol Road
BOOTLE
L20 7AE
0151 934 2720

In the event of an extreme winter weather event, the corporate communications team will **coordinate the provision of information on weather status and Sefton's response**. Where necessary, the call centre will be provided with updates for communication with the public. This will include updates provided by the relevant departments on:

- Weather
- **Sefton's response**
- Availability and accessibility of Services including schools and social care

The Corporate Communications team will also liaise with colleagues at Merseyside Police and other agencies who might assume a media lead in the event of a declared weather emergency.

The call centre will also be utilised for distribution and exchange of information throughout the winter during normal conditions and in the event of an extreme weather event.

During extreme weather, relevant information can be collated and e-mailed to Elected Members, partner organisations and stakeholders. It can also be fed into a press release or other public information. In addition to the provision of information to the call centre, **Sefton's website will have an (Extreme) Weather Update link with all the most up to date** information available, along with links to access other services. This will occupy a prominent position on the council website homepage and be updated where necessary throughout the working week, with the potential for weekend updates if required by the Extreme Weather Event Team. (This will be dependent **on remote access and the robustness of the council's** web content management system.) During a prolonged event it may also be necessary to **include some 'Frequently Asked Questions' and general information which can be accessed** via a link on the council website

Relevant information displayed on Sefton's website will also be highlighted on the council's Twitter feed (@seftoncouncil). The Highway Network Management team will also have **access to the council's Twitter account and will 'tweet' information when gritting** has taken place as well as other advice.

13.2 Variable Message Signs

Information will be placed on Sefton's Variable message Signs to advise highway users of conditions and action whenever possible

Variable Message Signs have been installed at the following locations:

- A565 Water Lane (west of Baytree Close)
- A570 Southport Road, Kew (by Tesco exit road)
- A565 Formby Bypass, Woodvale (approach to Southport Old Road signals)
- A5758 Brooms Cross Road, Thornton (before roundabout at Park View)
- A565 Crosby Road South, Seaforth (northbound on approach to flyover)

13.3 Out of Hours Communication

Out of hours communication with Sefton can be made via the Sefton Security Service on 0151 922 6107

13.4 Other Contacts

Any other contacts for information dissemination will be via corporate communications team.

14.0 EXTREME WEATHER EVENT RESPONSE

14.1 Introduction

The Winter Service Policy and Operational Plan has been designed to be implemented in response to the usual weather conditions traditionally experienced in the borough of Sefton. This document is reviewed after every winter season with adjustments made as deemed **necessary and suitable. This is Sefton's 'Stage1' response. When conditions are expected to be of a more severe nature for which the usual response would be deemed to be either ineffective or less than satisfactory, the Extreme Weather Event Plan will be enacted. This is Sefton's 'Stage2' response.** Typically, such conditions could include:

- Extreme snow fall
- Extremely low temperatures
- Lower than usual temperatures or continued snowfall over an extended period
- A weather event which will have the potential to affect the general delivery of Council services or the vulnerable.

Should conditions dictate, Sefton's Emergency Plan will be enacted. This is Sefton's 'Stage3' response

The process for establishing the need to enact this plan and the implementation process will be covered in this controlled document.

14.2 Staged Response

1. Winter Service Policy and Operational Plan
2. Extreme Weather Event response
3. Emergency Plan

14.3 Civil Contingency Act 2004

The Civil Contingency Act 2004 requires a Local Authority as Category 1 responders to plan for a range of emergencies, including prolonged extreme or adverse weather. This Plan sets out how Sefton Council will respond to such situations; and its particular arrangements for maintaining, as far as is reasonably practicable, a free flowing highway network which is part of its Winter Service Policy and Operational Plan.

14.4 Extreme Weather Event Team

In the event of a significant extreme or adverse weather event which greatly reduces the availability and condition of the highway network, impairs the ability of the Council to deliver key services and/or has a significant impact on the wellbeing of Sefton residents, businesses and visitors, the Council will activate its Extreme Weather Event Plan as the stage 2 mechanism for its response.

The Extreme Weather Event Team (EWET) comprising appropriate Senior Officers, will oversee and co-ordinate **the Council's response. Depending on conditions and the potential effect on the various areas and needs of the community, relevant officers will be called upon to join the team to assist with issues which are within their remit.**

The initial team will comprise some or all the following officers or their representatives as necessary to co-ordinate the Council's response:

- Head of Locality Services - Commissioned
- Head of Locality Services - Provision
- **Head of Children's Social Care**
- Head of Adult Social Care
- Head of Corporate Support
- Service Manager - Transportation & Highway Infrastructure
- Head of Operations
- Manager - Highway Management
- Head of Communications
- Call Centre Manager

In addition to the above officers, the Cabinet Member (Locality Services) will be invited to **attend and play an active role in determining the extent of the Council's response to an extreme weather event.**

As a key part of co-ordinating the Council's response, the EWET will determine:

- The prioritisation of services
- The redeployment of workers towards essential response tasks
- The suspension of services when deemed non-essential
- The provision of additional gritting and snow clearance activities
- **The monitoring of expenditure in relation to the Council's response**
- Liaison with other Sefton Service Providers
- Liaison with other districts and emergency services via Gold Control headed by Merseyside Police
- The provision of information for Elected Members, public and internal communications.

It is acknowledged that in the event of major disruption a regional co-ordinating arrangement will be put in place via Gold Control, chaired by Merseyside Police. An officer from the EWET will attend Gold Control meetings and provide a link between regional and national response arrangements.

Extreme adverse weather event forecasts from weather forecasting services will be communicated to key Council service providers and Elected Members.

14.5 Policy Compliance

This policy document sets out the Council's proposed response both to general winter weather and in the event of extreme weather. Based on previous experience and traditional conditions experienced in Sefton, it is believed that the response detailed within this policy will be adequate in most events. Should the Head of Locality Services - Commissioned or his nominated officers believe that a particular situation may justify a response that falls

outside the limitations of this policy, he will make any additional provision in discussion and with the approval of the Cabinet Member (Locality Services).

Any such decisions will be logged.

14.6 Corporate Response Arrangements

The detailed operational arrangements to maintain the highway are set out in the Winter Service Policy and Operational Plan (Stage 1 response), which forms part of this document.

The Extreme Weather Event (Stage 2) response will address the following issues in addition to the detailed highway infrastructure response

14.7 Corporate Support

One of the priorities of EWET will be the redeployment of staff towards essential response tasks. Corporate Support will monitor levels of attendance and provide advice and support to those departments seeking to redeploy non-essential staff to essential response activities. Communication channels will remain open with trades unions throughout any extreme weather event period to address any staff concerns.

No decisions on closure of building or services will be made that remove potential redeployment of staff available for designated emergency support tasks. Suitable supervision, training, equipment and instruction will be provided to any groups of staff undertaking work beyond their normal experience. In all cases staff must make every effort to attend their normal place of work. They may be directed to other locations and tasks as part of the response to an extreme weather event.

Decisions with regard to Schools rest with individual Head Teachers. Advice has been **provided in the Children's Schools and Families Schools Emergency Management Guidance** dated November 2010.

A summary of the work groups available for redeployment is included in **Appendix I**. The redeployment of staff operational priorities will be determined by EWET and coordinated by Highway Network Management.

15.0 Availability of Additional Resources

15.1 Resources

In extreme snow conditions where gritting and ploughing operations as identified in the stage 1 policy document are deemed to be either insufficient or too localised, the EWET will call on additional resources as required and target them to locations of high importance based upon local conditions. These resources are identified in **APPENDIX I**.

Other resources from the 3rd Sector and Community payback schemes will be investigated and utilised as available and as authorised by the Head of Locality Services – Commissioned.

APPENDIX A Carriageway Gritting Routes

Carriageway gritting routes have been designed and optimised to maximise efficiency. The routes cover a total of 220 miles, representing 35% of the total carriageway network. For an alphabetical listing of roads gritted please see Appendix G.

MAGHULL DEPOT ROUTE 1		Table 1/2
LOAD: 3.37 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE	29.1
	NON GRIT MILEAGE	9.8
	TOTAL	38.9
ROUTE	DIRECTION	REMARKS
Start at Damfield Lane	Across onto	
Liverpool Road North	onto	
Southport Road	onto	
Mairscough Lane	Across boundary onto	
Delf Lane	Onto	
Wanishar Lane	Onto	
Southport Road	Onto	
Hill Brow	Onto	
New Street	Onto	
Halsall Road	Onto	
Gorsuch Lane	Turn left into	
Southport Road	Across boundary onto	
Scarisbrick New Road (A570), Southport	Around RAB & return onto	Start Gritting
Scarisbrick New Road (A570), Southport	Around Kew Retail RAB and return onto	
Scarisbrick New Road (A570), Southport	Turn Left Into	
Town Lane Kew, Southport	1st exit off RAB into	
Wight Moss Way, Southport	To pumping station entrance and return onto	
Wight Moss Way, Southport	1 st exit off RAB into	
Town Lane Kew, Southport	Onto	
Benthams Way, Southport	Onto	
Guildford Road, Birkdale	Turn right into	
Kew Road, Birkdale	Across onto	
Claremont Road, Birkdale	Turn left into	
St Peters Road, Birkdale	Turn left into	
Liverpool Road, Birkdale	Turn left into	
Eastbourne Road, Birkdale	Onto	
Cemetery Road, Southport	Onto	
Ash Street, Southport	Turn left into	
Scarisbrick New Road, Southport	3 rd exit off RAB onto	
Eastbank Street, Southport	Onto	
Eastbank Street Square, Southport	Turn left into	
Lord Street, Southport	Around RAB & return onto	
Lord Street, Southport	Turn left into	
Neville Street, Southport	Turn right into	
Promenade, Southport	Turn right into	
Leicester Street, Southport	3rd exit off RAB Onto	
Lord Street, Southport	Turn left into	
London Square, Southport	Onto	
London Street, Southport	Bear left into	
Derby Road, Southport	Turn left into	
Church Street, Southport	Turn left into	
Hoghton Street, Southport	Turn right into	
London Street, Southport	Onto	
London Square, Southport	Turn right into	
Lord Street, Southport	3 rd exit off RAB into	
Manchester Road, Southport	Turn right into	
Hawkshead Street, Southport	Turn right into	
St Lukes Road, Southport	Turn right into	
Sussex Road, Southport	Onto	
Church Street, Southport	Turn right into	
Hoghton Street, Southport	Turn right into	
Manchester Road, Southport	Turn right into	
Hartwood Road, Southport	Bear right into	

MAGHULL DEPOT ROUTE 1

Table 2/2

LOAD: 3.37 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">GRIT MILEAGE</td> <td style="text-align: right;">29.1</td> </tr> <tr> <td>NON GRIT MILEAGE</td> <td style="text-align: right;">9.8</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">38.9</td> </tr> </table>	GRIT MILEAGE	29.1	NON GRIT MILEAGE	9.8	TOTAL	38.9
GRIT MILEAGE	29.1						
NON GRIT MILEAGE	9.8						
TOTAL	38.9						

ROUTE	DIRECTION	REMARKS
St Lukes Road, Southport	Turn left into	
Hawkshead Street, Southport	Turn right into	
Cypress Road, Southport	Turn left into	
Sussex Road, Southport	Turn right into	
Poplar Street, Southport	Turn left into	
Hart Street, Southport	Turn left into	
Norwood Road, Southport	Turn left into	
Sussex Road, Southport	Turn left into	
St Lukes Road, Southport	Onto	
Rose Hill, Southport	Onto	
Ash Street, Southport	Turn left into	
Scarisbrick New Road, Southport	Turn right into	
Town Lane Kew, Southport	Turn left into	
Ovington Drive, Southport	Turn left into	
Folkestone Road, Southport	Around RAB and return onto	
Folkestone Road, Southport	Turn left into	
Town Lane, Southport	To boundary & return onto	
Town Lane, Southport	Onto	
Southbank Road, Southport	Turn left into	
Cedar Street, Southport	Turn right into	
Portland Street, Southport	Turn right into	
Walnut Street, Southport	Turn left into	
Southbank Road, Southport	Turn left into	
Cemetery Road, Southport	Turn left into	
Portland Street, Southport	Turn left into	
Walnut Street, Southport	Turn right into	
Southbank Road, Southport	Turn left into	
Everard Road, Southport	Across onto	
Haig Avenue, Southport	Turn left into	
Forest Road, Southport	Across onto	
Virginia Street, Southport	Across onto	
St James Street, Southport	Onto	
Shakespeare Street, Southport	Turn right into	
Duke Street, Southport	Around RAB @ Lord Street and return onto	
Duke Street, Southport	Turn right into	
Cemetery Road, Southport	Onto	
Eastbourne Road, Birkdale	Turn left into	
Kew Road, Birkdale	Turn right into	
Guildford Road, Birkdale	Turn right into	
Halsall Road, Birkdale	Turn left into	
Liverpool Road, Birkdale	Turn left into	
Carr Lane, Birkdale	Bear left into	
Guildford Road, Birkdale	Turn left into	
Halsall Road, Birkdale	Turn right into	
Liverpool Road, Birkdale	Turn right into	
St Peters Road, Birkdale	Onto	
Everton Road, Birkdale	Turn left into	
Upper Aughton Road, Birkdale	Onto	
Aughton Road, Birkdale	Turn right into	
Lulworth Road, Birkdale	Turn left into	
Westcliffe Road, Birkdale	Turn left into	
Weld Road, Birkdale	Turn left into	
Lulworth Road, Birkdale	Onto	
Lord Street West, Southport	1 st exit off RAB into	
Duke Street, Southport	2 nd exit off RAB into	
Victoria Way, Southport	1 st exit off RAB into	
Esplanade, Southport	To park and ride entrance and return onto	
Esplanade, Southport	2 nd exit off RAB into	
Esplanade, Southport	1 st exit off RAB into	
Promenade, Southport	Turn left into	
Marine Parade, Southport	FINISH at Marine Drive Roundabout	Return

MAGHULL DEPOT ROUTE 2

Table 1/3

LOAD: 3.85 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE	33.2
	NON GRIT MILEAGE	9.9
	TOTAL	43.1

ROUTE	DIRECTION	REMARKS
START at Damfield Lane	Across onto	
Liverpool Road North	onto	
Southport Road	onto	
Mairscough Lane	Across boundary onto	
Delf Lane	Onto	
Wanishar Lane	Onto	
Southport Road	Onto	
Hill Brow	Onto	
New Street	Onto	
Halsall Road	Onto	
Gorsuch Lane	Turn left into	
Southport Road	4 th exit off RAB into	
Meols Cop Road, Southport	Onto	Start Gritting
Norwood Road, Southport	Turn left into	
Tithebarn Road, Southport	Turn left into	
Hawkshead Street, Southport	Turn right into	
Cypress Road, Southport	Turn left into	
Sussex Road, Southport	Turn right into	
Norwood Road, Southport	Turn left into	
Butts Lane, Southport	Onto	
Crowland Street, Southport	Turn left into	
Canning Road, Southport	Turn right into	
Cobden Road, Southport	Turn right into	
Russell Road, Southport	Turn right into	
Crowland Street, Southport	Turn right into	
Canning Road, Southport	Turn left into	
Bispham Road, Southport	Turn right into	
Norwood Avenue, Southport	Turn right into	
Roe Lane, Southport	2 nd exit off RAB into	
Moss Lane, Southport	To boundary & return onto	
Moss Lane, Southport	3 rd exit off RAB into	
Mill Lane, Southport	Turn left into	
Manor Road, Southport	Onto	
Cambridge Road, Southport	Turn right into	
Preston New Road, Southport	Turn right into	
North Road, Southport	Turn left into	
Rufford Road, Southport	3 rd exit off RAB into	
Banks Road, Southport	To boundary & return onto	
Banks Road, Southport	Turn right into	
Skipton Avenue, Southport	Turn left into	
Harrogate Way, Southport	Turn right into	
Banks Road, Southport	1 st exit off RAB into	
Water Lane, Southport	To boundary & return onto	
Water Lane, Southport	2 nd exit off RAB into	
Preston New Road, Southport	Turn right into	
Fylde Road, Southport	Turn right into	
Glencoyne Drive, Southport	Turn left into	
Truro Avenue, Southport	Turn right into	
Dawlish Drive, Southport	Turn left into	
Seaton Way, Southport	Turn left into	
Garstang Road, Southport	Turn left into	
Fylde Road, Southport	Turn right into	
Fairhaven Road, Southport	Turn right into	
Lytham Road, Southport	Turn left into	
Marshside Road, Southport	Turn left into	
Larkfield Road, Southport	Turn left into	
Fairhaven Road, Southport	Turn right into	
Fylde Road, Southport	Turn right into	
Preston New Road, Southport	Turn left into	
North Road, Southport	Turn right into	
Balmoral Drive, Southport	Turn left into	

MAGHULL DEPOT ROUTE 2

Table 2/3

LOAD: 3.85 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE	33.2
	NON GRIT MILEAGE	9.9
	TOTAL	43.1

ROUTE	DIRECTION	REMARKS
Preston New Road, Southport	Turn left into	
Cambridge Road, Southport	1 st exit off RAB into	
Cambridge Road, Southport	Turn right into	
Botanic Road, Southport	Turn right into	
Manor Road, Southport	Turn right into	
Cambridge Road, Southport	Onto	
Bankfield Lane, Southport	Onto	
Rufford Road, Southport	2 nd exit off RAB into	
Marine Drive, Southport	Turn left into	
Marshside Road, Southport	Turn right into	
Radnor Drive, Southport	Turn right into	
Fleetwood Road, Southport	Turn right into	
Marshside Road, Southport	Turn left into	
Fylde Road, Southport	Turn left into	
Garstang Road, Southport	Turn right into	
Hornby Road, Southport	Turn left into	
Elswick Road, Southport	Turn right into	
Marshside Road, Southport	Turn left into	
Marine Drive, Southport	Turn left into	
Fairway, Southport	Turn left into	
Promenade, Southport	Turn right into	
Knowsley Road, Southport	Turn right into	
Promenade, Southport	Turn right into	
Albany Road, Southport	Onto	
Alexandra Road, Southport	Turn right into	
Albert Road, Southport	1 st exit off RAB into	
Manchester Road, Southport	Turn left into	
Queens Road, Southport	Turn left into	
Park Road, Southport	Onto	
Park Road West, Southport	Onto	
Promenade, Southport	Turn left into	
Saunders Street, Southport	Turn left into	
Knowsley Road, Southport	Turn right into	
Alexandra Road, Southport	Turn left into	
Albert Road, Southport	Onto	
Park Crescent, Southport	Around RAB at Cambridge Road & return into	
Park Crescent, Southport	Turn right into	
Argyle Road, Southport	Turn right into	
Hesketh Drive, Southport	Turn left into	
Cambridge Road, Southport	Turn left into	
Marshside Road, Southport	Turn left into	
Radnor Drive, Southport	Turn left into	
Churchill Avenue, Southport	Onto	
Cockle Dicks Lane, Southport	Turn right into	
Cambridge Road, Southport	Onto	
Park Crescent, Southport	Turn left into	
Park Road, Southport	Turn left into	
Roe Lane, Southport	Turn left into	
Hesketh Drive	Turn left into	
Cambridge Road	Turn left into	
Park Avenue, Southport	Turn right into	
Roe Lane, Southport	Onto	
Manchester Road, Southport	Turn left into	
Zetland Street, Southport	Turn left into	
Hawkshead Street, Southport	Turn left into	
Windsor Road, Southport	Turn left into	
Hartwood Road, Southport	Turn right into	
Roe Lane, Southport	Turn right into	
Norwood Avenue, Southport	Turn left into	
Bispham Road, Southport	Turn left into	
Old Park Lane, Southport	Onto	

MAGHULL DEPOT ROUTE 2		Table 3/3
LOAD: 3.85 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE NON GRIT MILEAGE TOTAL	33.2 9.9 43.1
ROUTE	DIRECTION	REMARKS
High Park Place, Southport		
FINISH at Roe Lane Roundabout		Return

MAGHULL DEPOT ROUTE 3

Table 1/2

LOAD: 3.87 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE 33.4 NON GRIT MILEAGE 6.2 TOTAL 39.6
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ROUTE	DIRECTION	REMARKS
START at Damfield Lane	turn left into	
Liverpool Road South	turn right into	
Sefton Lane	Onto	
Bridges Lane	turn right into	
Bridges Lane	Onto	
Lunt Road	Onto	
East Lane	Onto	
Parkwall Road	Onto	
Back 'o' The Town Lane	Onto	
Lady Green Lane	Turn right into	
Scaffold Lane	Onto	
Formby By Pass, Formby	Onto	Start Gritting at Liverpool Road RAB
Liverpool Road, Ainsdale	Onto	
Liverpool Avenue, Ainsdale	Turn left into	
Station Road, Ainsdale	Turn left into	
Liverpool Road, Ainsdale	Turn left into	
Liverpool Avenue, Ainsdale	Turn right into	
Segars Lane, Ainsdale	Onto	
Mill Road, Ainsdale	Onto	
Heathfield Road, Birkdale	Turn left into	
Carr Lane, Birkdale	Turn left into	
Liverpool Road, Ainsdale	3 rd exit off RAB into	
Liverpool Road, Ainsdale	Onto	
Station Road, Ainsdale	Onto	
Shore Road, Ainsdale	Turn right into	
Shore Road, Ainsdale	Turn left into	
Westminister Drive, Ainsdale	Turn left into	
Kenilworth Road, Ainsdale	Bear left into	
Shore Road, Ainsdale	3 rd exit off RAB into	
Coastal Road, Ainsdale	Onto	
Marine Drive, Southport	Turn right into	
Fairway, Southport	Turn right into	
Promenade, Southport	Turn right into	
Esplanade, Southport	Turn right into	
Marine Drive, Southport	Around RAB and return into	
Marine Drive, Southport	2 nd exit off RAB into	
Victoria Way, Southport	1 st exit off RAB into	
Duke Street, Southport	Around RAB and return into	
Duke Street, Southport	1st exit off RAB into	
Rotten Row, Southport	Turn right into	
Weld Road, Birkdale	Around RAB & return into	
Weld Road, Birkdale	Onto	
Liverpool Road, Ainsdale	Turn right into	
Crescent Road, Birkdale	Turn left into	
Burlington Road, Birkdale	Onto	
Blundell Drive, Birkdale	Turn left into	
Kirkstall Road, Birkdale	Turn left into	
St Johns Road, Birkdale	Turn left into	
Clive Road, Birkdale	Turn left into	
Dunkirk Road, Birkdale	Turn right into	
Blundell Drive, Birkdale	Onto	
Burlington Road, Birkdale	Turn left into	
Crescent Road, Birkdale	Onto	
Grosvenor Road, Birkdale	Turn right into	
Westbourne Road, Birkdale	Onto	
Westcliffe Road, Birkdale	Turn right into	
Weld Road, Birkdale	Turn right into	
Lulworth Road, Birkdale	Onto	
Waterloo Road, Birkdale	Onto	

MAGHULL DEPOT ROUTE 3**Table 2/2**

LOAD: 3.87 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE NON GRIT MILEAGE TOTAL	33.4 6.2 39.6
ROUTE	DIRECTION	REMARKS
Liverpool Road, Ainsdale	2 nd exit off RAB into	
Liverpool Avenue, Ainsdale	onto	
Liverpool Road, Ainsdale	Turn right into	
Kenilworth Road, Ainsdale	Turn left into	
Gleneagles Drive, Ainsdale	Turn left into	
Pinfold Lane, Ainsdale	Turn right into	
Liverpool Road, Ainsdale	Turn left into	
Meadow Lane, Ainsdale	Turn right into	
Cherry Road, Ainsdale	Turn right into	
Woodvale Road, Ainsdale	Turn left into	
Liverpool Road, Ainsdale	Turn right into	
Coastal Road, Ainsdale	3 rd exit off RAB into	
Shore Road, Ainsdale	Bear right into	
Kenilworth Road, Ainsdale	Turn right into	
Liverpool Road, Ainsdale	Turn left into	
Orchard Lane, Ainsdale	Turn right into	
Sandbrook Road, Ainsdale	Turn right into	
Meadow Lane, Ainsdale	Turn left into	
Liverpool Road, Ainsdale	Onto	
Formby By Pass, Formby		
FINISH at Liverpool Road RAB		Return

MAGHULL DEPOT ROUTE 4

Table 1/3

LOAD: 4.43 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE	38.3
	NON GRIT MILEAGE	0.4
	TOTAL	36.7

ROUTE	DIRECTION	REMARKS
START at Damfield Lane	turn left into	
Liverpool Road South	turn right into	
Sefton Lane, Maghull	onto	Start Gritting
Bridges Lane, Sefton	Onto	
Brickwall Lane, Sefton	Turn right into	
Brooms Cross Road, Sefton	Onto	
Brooms Cross Road, Thornton	Around RAB & return onto	
Brooms Cross Road, Thornton	Onto	
Brooms Cross Road, Sefton	Turn right into	
Brickwall Lane, Sefton	Onto	
Buckley Hill Lane, Sefton	Turn left into	
Edge Lane, Sefton	Turn right into	
Gorse Lane, Litherland	Turn right into	
Pendle Drive, Litherland	Turn right into	
Bowland Drive, Litherland	Turn left into	
Pendle Drive, Litherland	Turn right into	
Gorse Lane, Litherland	Onto	
Sefton Road, Litherland	Bear right into	
Field Lane, Litherland	Turn right into	
Appleton Road, Litherland	Turn left into	
Hatton Hill Road	Turn right into	
Sonning Avenue	Turn right into	
Twyford Avenue	Turn right into	
Stanley Park	Turn left into	
Hatton Hill Road, Litherland	Around RAB At Sefton Road & return onto	
Hatton Hill Road, Litherland	Turn right into	
Kirkstone Road West, Litherland	Turn left into	
Ford Lane, Litherland	Turn right into	
Gorse Lane, Litherland	Turn left into	
Sterrix Lane, Litherland	Turn right into	
Boundary Road, Litherland	Onto	
Netherton Way, Bootle	Onto	
Bailey Drive, Bootle	Onto	
Southport Road, Bootle	Around RAB at Northfield Road & return onto	
Southport Road, Bootle	1 st exit off RAB into	
Linacre Lane, Bootle	Around RAB & return into	
Linacre Lane, Bootle	2 nd exit off RAB into	
Bailey Drive, Bootle	Onto	
Netherton Way, Bootle	Turn left into	
Church Road, Litherland	Turn left into	
Kirkstone Road South, Litherland	Onto	
Harris Drive, Bootle	Turn left into	
Orrell Road, Bootle	Onto	
Watts Lane, Bootle	1 st exit off RAB into	
Bailey Drive, Bootle	Turn left into	
Park Lane, Bootle	Across onto	
Menai Road, Bootle	Turn left into	
Fernhill Road, Bootle	Turn left into	
Linacre Lane, Bootle	1 st exit off RAB into	
Linacre Lane, Bootle	1 st exit off RAB into	
Watts Lane, Bootle	Onto	
Orrell Road, Litherland	Turn left into	
Church Road, Litherland	1 st exit off RAB into	
Bridge Road, Litherland	Bear right into	
Linacre Road, Litherland	Onto	
Stanley Road, Bootle	1 st exit off RAB into	
Linacre Lane, Bootle	Turn left into	
Hawthorne Road, Bootle	Around RAB at Sefton Road & return into	
Hawthorne Road, Litherland	Turn left into	
Orrell Mount, Litherland	Turn around at Orrell Mount and return onto	
Hawthorne Road, Litherland	Turn left into	

MAGHULL DEPOT ROUTE 4

Table 2/3

LOAD: 4.43 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE	38.3
	NON GRIT MILEAGE	0.4
	TOTAL	38.7

ROUTE	DIRECTION	REMARKS
Church Road, Litherland	3 rd exit off RAB into	
Bridge Road, Litherland	Onto	
Seaforth Road, Seaforth	Bear right into	
Church Road, Seaforth	Turn right into	
Crescent Road, Seaforth	onto	
Ewart Road, Seaforth	Onto	
Sandy Road, Seaforth	Bear left into	
Cambridge Road, Waterloo	Turn left into	
Crosby Road South, Waterloo	Take slip road before flyover and continue onto	
Crosby Road South, Seaforth	Turn left into	
Church Road, Seaforth	Turn left into	
Crescent Road, Seaforth	Onto	
Ewart Road, Seaforth	Turn right into	
Sandy Road, Seaforth	Turn left into	
Princess Way, Seaforth	5 th exit off RAB into	
Bridge Road, Litherland	Onto	
Seaforth Road, Seaforth	Turn left into	
Seaforth Road, Seaforth	Turn left into	
Rimrose Road, Bootle	Turn right into	
Lyster Road, Bootle	Bear left into	
Arctic Road, Bootle	Turn left into	
Strand Road, Bootle	Turn left into	
Rimrose Road, Bootle	Onto	
Crosby Road South, Seaforth	Bear left onto slip Road before flyover grit exit road from docks around RAB & return northbound onto	
Crosby Road South, Waterloo	Turn right into	
Sandringham Road, Waterloo	Turn right into	
Cambridge Road, Waterloo	Turn left into	
Crosby Road South, Seaforth	Onto	
Rimrose Road, Bootle	Turn right into	
Lyster Road, Bootle	Bear left into	
Arctic Road, Bootle	Turn left into	
Strand Road, Bootle	Turn left into	
Rimrose Road, Bootle	Onto	
Crosby Road South, Seaforth	Traverse flyover and continue onto	
Crosby Road South, Waterloo	Onto	
Crosby Road North, Waterloo	Onto	
Liverpool Road, Crosby	Turn left into	
Islington, Crosby	Turn left into	
Coronation Road, Crosby	Across onto	
Mersey Road, Crosby	Turn right into	
Warren Road, Blundellsands	Turn left into	
The Serpentine South, Blundellsands	Onto	
The Serpentine, Blundellsands	Turn right into	
The Serpentine North, Blundellsands	Turn right into	
Merrilocks Road, Blundellsands	Onto	
The Serpentine South, Blundellsands	Onto	
Agnes Road, Blundellsands	Turn right into	
Mersey Road, Crosby	Turn left into	
Bridge Road, Crosby	Onto	
Mersey View, Waterloo	Onto	
Oxford Road, Waterloo	Onto	
Mount Pleasant, Waterloo	Bear left into	
South Road, Waterloo	Turn left into	
Brighton Road, Waterloo	Turn right into	
Merseytravel Bus Turnaround, Waterloo	Around turnaround and return onto	
Brighton Road, Waterloo	Turn left into	
South Road, Waterloo	Turn left & immediately right into	
Haigh Road, Waterloo	Onto	
Ronald Road, Waterloo	Turn left into	
St Marys Road, Waterloo	Bear right into	

MAGHULL DEPOT ROUTE 4**Table 3/3**

LOAD: 4.43 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE NON GRIT MILEAGE TOTAL	38.3 0.4 38.7
ROUTE	DIRECTION	REMARKS
Brook Vale, Waterloo	Turn right into	
Sandy Road, Seaforth	Bear left into	
Cambridge Road, Waterloo	Turn right into	
Crosby Road South, Waterloo	Onto	
Crosby Road North, Waterloo	Turn right into	
Kingsway, Waterloo	Bear left into	
Stuart Road, Crosby	Onto	
Brownmoor Lane, Crosby	Turn left into	
South Parade, Crosby	Onto	
The Northern Road, Crosby	1 st exit off RAB into	
The Bypass, Crosby	Across onto	
Islington, Crosby	Onto	
Cooks Road, Crosby	Onto	
Manor Road, Crosby	Turn left into	
St Michaels Road, Crosby	Turn right into	
Dowhills Road, Crosby	Turn left into	
Hall Road East, Crosby	Onto	
Hall Road West, Blundellsands	Turn left into	
The Serpentine North, Blundellsands		
FINISH at jct with Merrilocks Road		Return

MAGHULL DEPOT ROUTE 5

Table 1/3

LOAD: 4.85 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">GRIT MILEAGE</td> <td style="text-align: right;">41.9</td> </tr> <tr> <td>NON GRIT MILEAGE</td> <td style="text-align: right;">1.3</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">43.2</td> </tr> </table>	GRIT MILEAGE	41.9	NON GRIT MILEAGE	1.3	TOTAL	43.2
GRIT MILEAGE	41.9						
NON GRIT MILEAGE	1.3						
TOTAL	43.2						

ROUTE	DIRECTION	REMARKS
START at Damfield Lane	Across onto	
Liverpool Road North	turn right into	
Westway	Turn right into	
Northway	Turn left into	
Damfield Lane	Bear left into	
Hall Lane	Bear right into	
Station Road, Melling	Turn left into	Start Gritting
Tailors Lane, Maghull	Turn right into	
Hall Lane, Maghull	Turn right into	
Poverty Lane, Maghull	Onto	
Leatherbarrows Lane, Melling	Turn right into	
Weavers Lane, Maghull	Turn left into	
Rock Lane, Melling	Turn right into	
Brewery Lane, Melling	Turn left into	
Spencers Lane, Melling	Onto	
Waddicar Lane, Melling	Turn right into	
Rainbow Drive, Melling	Turn right into	
Wheeler Drive, Melling	Turn right into	
Station Road, Melling	Turn right into	
Waddicar Lane, Melling	Turn left into	
Prescot Road, Melling	Turn left into	
Angers Lane, Melling	Turn left into	
Giddygate Lane, Melling	Turn right into	
Tithebarn Lane, Melling	Onto	
Rock Lane, Melling	Turn left into	
Brewery Lane, Melling	Turn right into	
Spencers Lane, Melling	Onto	
Bull Bridge Lane, Aintree	Turn left into	
Wango Lane, Aintree	To boundary & return onto	
Wango Lane, Aintree	Turn left into	
School Lane, Aintree	Turn left into	
Melling Road, Aintree	Turn right into	
Warbreck Moor, Aintree	Turn left into	
Park Lane, Netherton	Turn right into	
Dunningsbridge Road, Netherton	Turn right into	
Heysham Road, Netherton	Turn left into	
Leckwith Road, Netherton	Turn left into	
Grange Road, Netherton	Turn left into	
Wakefield Road, Netherton	Turn right into	
Heysham Road, Netherton	Turn left into	
Dunningsbridge Road, Netherton	Turn right into	
Park Lane West, Netherton	Bear right into	
St Oswalds Lane, Netherton	Turn left into	
Peterborough Drive, Netherton	Bear left into	
Magdalene Square, Netherton	Turn left into	
Glovers Lane, Netherton	Around roundabout & return onto	
Glovers Lane, Netherton	Onto	
Fleetwoods Lane, Netherton	Turn left into	
Gorse Lane, Litherland	Turn around at Dale Acre Drive and return onto	
Gorse Lane, Litherland	Turn left into	
Edge Lane, Sefton	Turn right into	
Buckley Hill Lane, Sefton	Turn right into	
Almonds Turn, Netherton	Turn right into	
Fleetwoods Lane, Netherton	Turn right into	
Edge Lane, Sefton	Turn right into	
Quarry Road, Thornton	Onto	
Park View, Thornton	Around RAB & return onto	
Park View, Thornton	Turn left into	
Green Lane, Thornton	Onto	
Lydiate Lane, Sefton	Onto	
Northern Perimeter Road, Netherton	Bear left into	

MAGHULL DEPOT ROUTE 5

Table 2/3

LOAD: 4.85 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE	41.9
	NON GRIT MILEAGE	1.3
	TOTAL	43.2

ROUTE	DIRECTION	REMARKS
Copy Lane, Netherton	Turn left into	
Dunnings Bridge Road, Netherton	Turn left into	
Brooms Cross Road, Netherton	Turn right into	
Chapel Lane, Netherton	Turn around and return onto	
Chapel Lane, Netherton	Turn left into	
Brooms Cross Road, Netherton	Turn right into	
Dunnings Bridge Road, Netherton	Turn left into	
Copy Lane, Netherton	Across onto	
Aintree Lane, Aintree	Turn left into	
Altway, Aintree	Turn right into	
Bull Bridge Lane, Aintree	Onto	
School Lane, Aintree	Onto	
Aintree Lane, Aintree	Across onto	
Copy Lane, Netherton	Turn right into	
Merseytravel Bus Turnaround, Netherton	Around turnaround and return onto	
Copy Lane, Netherton	Straight across onto	
Copy Lane, Netherton	Turn right into	
Chapel Lane, Netherton	Turn left into	
Northern Perimeter Road, Netherton	Turn right into	
Brickwall Lane, Sefton	Turn around at Bridges lane and return onto	
Brickwall Lane, Sefton	Turn left into	
Northern Perimeter Road, Netherton	Turn immediate right into	
Northern Perimeter Road, Netherton	Across Onto	
Lydiate Lane, Sefton	Turn left into	
Runnells Lane, Crosby	Turn right into	
Edge Lane, Sefton	Turn right into	
Tanhouse Road, Crosby	Turn right into	
Newfield Close, Crosby	Turn right into	
Masefield Road, Crosby	Turn left into	
Runnells Lane, Crosby	Turn left into	
Lydiate Lane, Sefton	Turn left into	
Water Street, Thornton	Turn right into	
Edge Lane, Crosby	Turn left into	
Moor Lane, Crosby	Onto	
The By Pass, Crosby	Across onto	
Islington, Crosby	Turn right into	
Little Crosby Road, Crosby	Turn right into	
Richmond Road, Crosby	Bear left into	
Moor Lane, Crosby	1 st exit off RAB into	
Moorland Avenue, Crosby	Onto	
Oaklands Avenue, Crosby	Turn right into	
Woodend Avenue, Crosby	Turn right into	
De Villiers Avenue, Crosby	Turn right into	
Oaklands Avenue, Crosby	Turn left into	
Little Crosby Road, Crosby	Turn left into	
Islington, Crosby (through bus lane)	Turn right into	
Liverpool Road, Crosby	Turn left into	
Endbutt Lane, Crosby	Turn left into	
Brownmoor Lane, Crosby	Turn left into	
Chesterfield Road, Crosby	Turn left into	
Moor Lane, Crosby	Onto	
The By Pass, Crosby	Turn left into	
Liverpool Road, Crosby	Turn right into	
College Road, Crosby	Bear right into	
Victoria Road West, Crosby	Onto	
Victoria Road, Crosby	Turn left into	
Manor Road, Crosby	Turn right into	
St Michaels Road, Crosby	Turn left into	
Little Crosby Road, Little Crosby	Onto	
Moss Lane, Little Crosby	Turn right into	
Orrell Hill Lane, Ince Blundell	Turn right into	

MAGHULL DEPOT ROUTE 5**Table 3/3**

LOAD: 4.85 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE NON GRIT MILEAGE TOTAL	41.9 1.3 43.2
ROUTE	DIRECTION	REMARKS
Scaffold Lane, Ince Blundell	Turn left into	
Lady Green Lane, Ince Blundell	Onto	
Back O' The Town Lane, Ince Blundell	Onto	
Park Wall Road, Ince Blundell	Onto	
East Lane, Ince Blundell	Onto	
Lunt Road, Sefton	Turn right into	
Bridges Lane, Sefton	Turn right into	
Brickwall Lane, Sefton		
FINISH at jct of Lunt Road		Return

MAGHULL DEPOT ROUTE 6

Table 1/3

LOAD: 4.84 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE 41.8 NON GRIT MILEAGE 2.0 TOTAL 43.8
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ROUTE	DIRECTION	REMARKS
START at Damfield Lane	turn left into	
Liverpool Road South	turn right into	
Northway	Turn left into	
Ormskirk Road, Aintree	Onto	Start Gritting
Warbreck Moor, Aintree	Onto	
Walton Vale, Walton	Onto	
Rice Lane, Walton	Turn right into	
Hornby Road, Walton	Around RAB at Southport Road & return onto	
Hornby Road, Walton	Turn left into	
Rice Lane, Walton	Turn left into	
Orrell Road, Bootle	Turn left into	
Moss Lane, Bootle	Onto	
Northfield Road, Bootle	Onto	
Linacre Lane, Bootle	Turn left into	
Stanley Road, Bootle	Turn left into	
Merton Road, Bootle	4 th exit off RAB into	
Hawthorne Road, Bootle	Turn left into	
Balliol Road East, Bootle	Turn left into	
Breeze Hill, Bootle	4 th exit off RAB into	
Oxford Road, Bootle	Turn right into	
Southport Road, Bootle	Turn right into	
Breeze Hill, Bootle	Onto	
Balliol Road East, Bootle	Turn right into	
Hawthorne Road, Bootle	1 st exit off RAB into	
Merton Road, Bootle	Turn left into	
Berry Street, Bootle	Turn right into	
Canal Street, Bootle	Turn left into	
Millers Bridge, Bootle	Turn left into	
Oriel Road, Bootle	Turn left into	
Merton Road, Bootle	Onto	
Irlam Road, Bootle	Turn left into	
Strand Road, Bootle	Turn right into	
Rimrose Road, Bootle	Onto	
Crosby Road South, Seaforth	Take slip road before flyover around RAB & return S'Bound onto	
Crosby Road South, Seaforth	Onto	
Rimrose Road, Bootle	Onto	
Derby Road, Bootle	Turn left into	
Bankhall Street, Bankhall	Turn left into	
Brasenose Road, Bootle	Turn left into	
Millers Bridge, Bootle	Turn left into	
Regent Road, Bootle	Turn left into	
Dacre Street, Bootle	Turn left into	
Derby Road, Bootle	Turn left into	
Effingham Street, Bootle	Turn right into	
Regent Road, Bootle	Around RAB & return onto	
Regent Road, Bootle	Turn left into	
Millers Bridge, Bootle	Onto	
Balliol Road, Bootle	Turn left into	
Stanley Road, Bootle	Turn left into	
Marsh Lane, Bootle	Turn left into	
Washington Parade, Bootle	Turn left into	
Vermont Way, Bootle	Turn left into	
Vermont Way Bus Park	Turn left into	
Delaware Road, Bootle	Turn left into	
Washington Parade, Bootle	Around RAB at Strand Road & return onto	
Washington Parade, Bootle	Turn right into	
Marsh Lane, Bootle	Turn left into	
Stanley Road, Bootle	Around RAB at Knowsley Road & return onto	
Stanley Road, Bootle	Turn left into	
Balliol Road, Bootle	Onto	
Balliol Road East, Bootle	Onto	

MAGHULL DEPOT ROUTE 6

Table 2/3

LOAD: 4.84 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE	41.8
	NON GRIT MILEAGE	2.0
	TOTAL	43.8

ROUTE	DIRECTION	REMARKS
Breeze Hill, Bootle	Turn right into	
Southport Road, Bootle	Onto	
Brewster Street, Bootle	Turn right into	
Hawthorne Road, Bootle	Turn left into	
Marsh Street, Kirkdale	Onto	
Celia Street, Kirkdale	Turn right into	
Stanley Road, Bootle	Turn right into	
Balliol Road, Bootle	Turn right into	
Hawthorne Road, Bootle	Turn left into	
Brewster Street, Bootle	Onto	
Southport Road, Bootle	Around RAB at Northfield Road & return onto	
Southport Road, Bootle	Turn left into	
Breeze Hill, Bootle	Around RAB & return onto	
Breeze Hill, Bootle	Onto	
Balliol Road East, Bootle	Onto	
Balliol Road, Bootle	Onto	
Millers Bridge, Bootle	Turn right into	
Rimrose Road, Bootle	Turn right into	
Marsh Lane, Bootle	Onto	
Aintree Road, Bootle	Turn left into	
Fernhill Road, Bootle	Turn right into	
Linacre Lane, Bootle	Around RAB and return onto	
Linacre Lane, Bootle	Turn left into	
Fernhill Road, Bootle	Turn left into	
Aintree Road, Bootle	Around RAB at Southport Road & return onto	
Aintree Road, Bootle	Turn left into	
Fernhill Road, Bootle	Turn right into	
Oxford Road, Bootle	3 rd exit off RAB onto	
Merton Road, Bootle	Turn right into	
Litherland Road, Bootle	Turn right into	
Park Street, Bootle	Turn left into	
Hawthorne Road, Bootle	Turn left into	
Marsh Lane, Bootle	Turn left into	
Litherland Road, Bootle	Turn left into	
Park Street, Bootle	Turn right into	
Hawthorne Road, Bootle	4 th exit off RAB into	
Merton Road, Bootle	Turn right into	
Washington Parade, Bootle	Turn left into	
Strand Road, Bootle	Turn right into	
Irlam Road, Bootle	Turn left into	
Marsh Lane, Bootle	Turn right into	
Rimrose Road, Bootle	Turn right into	
Knowsley Road, Bootle	Onto	
Linacre Lane, Bootle	Around RAB at Northfield Road & return onto	
Linacre Lane, Bootle	Turn left into	
Hawthorne Road, Bootle	Turn left into	
Aintree Road, Bootle	Onto	
Hornby Road, Bootle	Turn left into	
Rice Lane, Walton	Turn left into	
Orrell Lane, Bootle	Turn right into	
Netherton Way, Bootle	Turn right into	
Bridle Road, Netherton	Take 2 nd right into	
Bridle Way, Netherton	Turn right into	
Bridle Road, Netherton	Turn right into	
Park Lane, Netherton	Turn left into	
Ormskirk Road, Aintree	Across onto	
Brooms Cross Road, Netherton	Onto	
Brooms Cross Road, Sefton	Onto	
Brooms Cross Road, Thornton	Around RAB and return onto	
Brooms Cross Road, Thornton	Onto	
Brooms Cross Road, Sefton	Onto	

MAGHULL DEPOT ROUTE 6		Table 3/3
LOAD: 4.84 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE NON GRIT MILEAGE TOTAL	41.8 2.0 43.8
ROUTE	DIRECTION	REMARKS
Brooms Cross Road, Netherton	Grit M58 Lanes and	
FINISH at Switch Island		Return

MAGHULL DEPOT ROUTE 7

Table 1/2

LOAD: 4.64 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE	40.1
	NON GRIT MILEAGE	0.0
	TOTAL	40.1

ROUTE	DIRECTION	REMARKS
START at Damfield Lane, Maghull	Across onto	Start Gritting
Liverpool Road North, Maghull	Turn right into	
Westway, Maghull	Turn left into	
Northway, Maghull	To boundary & return onto	
Northway, Maghull	Around switch Island & turn right (A5758) onto	
Brooms Cross Road, Netherton	Turn right into	
Chapel Lane, Netherton	Turn around and return onto	
Chapel Lane, Netherton	Turn left into	
Brooms Cross Road, Netherton	Across Switch Island, turn right (A5758) and turn right into	
Dunnings Bridge Road, Netherton	Onto	
Northway, Maghull	Turn left into	
Westway, Maghull	Turn left into	
Green Lane, Maghull	Onto	
Liverpool Road South, Maghull	Turn right into	
Gainsborough Avenue, Maghull	Turn right into	
Old Racecourse Road, Maghull	Turn right into	
Sefton Lane, Maghull	Turn right into	
Liverpool Road South, Maghull	Turn left into	
Northway, Maghull	Turn left into	
Hall Lane, Maghull	Turn right into	
Liverpool Road South, Maghull	Bear left into	
Liverpool Road North, Maghull	Onto	
Southport Road, Lydiate	To boundary & return onto	
Southport Road, Lydiate	Turn right into	
Station Road, Lydiate	Bear left into	
Pilling Lane, Lydiate	Turn left into	
Southport Road, Lydiate	Turn right into	
Moss Lane, Lydiate	Turn right into	
Sandy Lane, Lydiate	Turn left into	
Lambshear Lane, Lydiate	Turn left into	
Liverpool Road, Lydiate	Around RAB at Nothway & return onto	
Liverpool Road, Lydiate	Turn right into	
Moss Lane, Lydiate	Turn left into	
Sandy Lane, Lydiate	Turn left into	
Lambshear Lane, Lydiate	Turn right into	
Liverpool Road, Lydiate	Turn right into	
Southport Road, Lydiate	Turn right into	
Lambshear Lane, Lydiate	Turn right into	
Liverpool Road, Lydiate	Turn left into	
Coronation Road, Lydiate	Turn right into	
Kenyons Lane, Lydiate	Turn right into	
Dodds Lane, Maghull	Turn left into	
Moss Lane, Maghull	Turn left into	
Deyes Lane, Maghull	Onto	
School Lane, Maghull	Onto	
Maghull Lane, Melling	Turn left into	
Prescot Road, Melling	To boundary & return onto	
Prescot Road, Melling	Turn left into	
Cunscough Lane, Melling	To boundary & return onto	
Cunscough Lane, Melling	Turn left into	
Prescot Road, Melling	Turn right into	
Maghull Lane, Melling	Around RAB & return onto	
Maghull Lane, Melling	Bear right into	
Prescot Road, Melling	Turn right into	
Prescot Road, Melling	To boundary onto	
Glovers Brow, Kirkby Park	Turn left into	
Mill Lane, Kirkby Park	Onto	
Boyes Brow, Tower Hill	Turn left into	
Bank Lane, Melling	Turn left into	
Prescot Road, Melling	Turn right into	
Waddicar Lane, Melling	Turn right into	

MAGHULL DEPOT ROUTE 7

Table 2/2

LOAD: 4.64 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE 40.1 NON GRIT MILEAGE 0.0 TOTAL 40.1
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ROUTE	DIRECTION	REMARKS
Tithebarn Lane, Melling	Bear right into	
Rock Lane, Melling	Onto	
Melling Lane, Maghull	Onto	
Station Road, Melling	Turn right into	
Tailors Lane, Maghull	Turn right into	
Hall Lane, Maghull	Onto	
Foxhouse Lane, Maghull	Turn right into	
Deyes Lane, Maghull	Onto	
School Lane, Maghull	Turn left into	
Park lane, Maghull	Turn left into	
Dodds Lane, Maghull	Across Northway onto	
Dodds Lane, Maghull	Turn left into	
Liverpool Road North, Maghull	Turn left into	
Westway, Maghull	Onto	
Eastway, Maghull	Turn right into	
Eastway, Maghull	Turn right into	
Deyes Lane, Maghull	Turn left into	
Damfield Lane, Maghull	Bear left into	
Hall Lane, Maghull	Turn left into	
Hall Lane, Maghull	Onto	
Foxhouse Lane, Maghull	Turn left into	
Deyes Lane, Maghull	Turn left into	
Eastway, Maghull	Turn right into	
Hall Lane, Maghull	Bear right into	
Damfield Lane, Maghull	Turn left into	
Northway, Maghull	Turn left into	
Hall Lane, Maghull	Turn right into	
Old Hall Road, Maghull	Turn left into	
Moorhey Road, Maghull	Turn right into	
Dover Road, Maghull	Turn right into	
Northway, Maghull	Turn left into	
Damfield Lane, Maghull		
FINISH at entrance to Salt Depot		Return

MAGHULL DEPOT ROUTE 8

Table 1/2

LOAD: 3.82 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE	33.0
	NON GRIT MILEAGE	2.9
	TOTAL	35.9

ROUTE	DIRECTION	REMARKS
START at Damfield Lane	turn left into	
Liverpool Road South	turn right into	
Sefton Lane	onto	
Bridges Lane	turn right into	
Bridges Lane	onto	
Lunt Road	Turn left into	
Long Lane, Thornton	Turn left into	Start Gritting
Southport Road, Thornton	Around RAB and return onto	
Southport Road, Thornton	Turn left into	
Ince Road, Thornton	Turn left into	
Ince Road, Thornton	Turn right into	
Quarry Road, Thornton	Turn right into	
Virgins Lane, Thornton	Onto	
Back Lane, Thornton	To moss Lane jct & return onto	
Back Lane, Thornton	Onto	
Virgins Lane, Thornton	Turn left into	
Brook Road, Thornton	Turn right into	
Ince Road, Thornton	Turn left into	
Park View, Thornton	1 st exit off RAB into	
Southport Road, Thornton	Onto	
Ince Lane, Thornton	Onto	
Moor Lane, Thornton	Onto	
Scaffold Lane, Ince Blundell	Turn left into	
North End Lane, Ince Blundell	Onto	
Alt Road, Hightown	Bear right into	
Kerslake Way, Hightown	Turn left into	
Lower Alt Road, Hightown	Turn right into	
Alt Road, Hightown	Turn left into	
School Road, Hightown	Turn right into	
Village Way, Hightown	Turn left into	
Thornbeck Avenue, Hightown	Turn left into	
Blundell Grove, Hightown	Turn right into	
Blundell Road, Hightown	Turn left into	
Marston Crescent, Hightown	Turn left into	
Elvington Road, Hightown	Turn left into	
Blundell Road, Hightown	Turn right into	
Oakfield Road, Hightown	Turn right into	
Thornbeck Avenue, Hightown	Turn right into	
Blundell Grove, Hightown	Turn left into	
Blundell Road, Hightown	Turn left into	
Village Way, Hightown	Turn right into	
Thornbeck Avenue, Hightown	2 nd exit off RAB into	
Kerslake Way, Hightown	Bear left into	
Alt Road, Hightown	Bear right into	
Moss Lane, Hightown	Turn left into	
Orrell Hill Lane, Ince Blundell	Turn left into	
Scaffold Lane, Ince Blundell	Onto	
Formby By Pass, Formby	1 st exit off RAB into	
Liverpool Road, Formby	Turn right into	
Cross Green, Formby	Turn right into	
Altcar Road, Formby	To Boundary & return onto	
Altcar Road, Formby	Turn left into	
Alt Road, Formby	Turn right into	
Liverpool Road, Formby	Turn left into	
Ravenmeols Lane, Formby	Turn right into	
Kings Road, Formby	Around RAB at Duke Street & return onto	
Kings Road, Formby	Turn left into	
Ravenmeols Lane, Formby	Turn right into	
Windsor Road, Formby	Turn right into	
Balmoral Drive, Formby	Turn left into	

MAGHULL DEPOT ROUTE 8

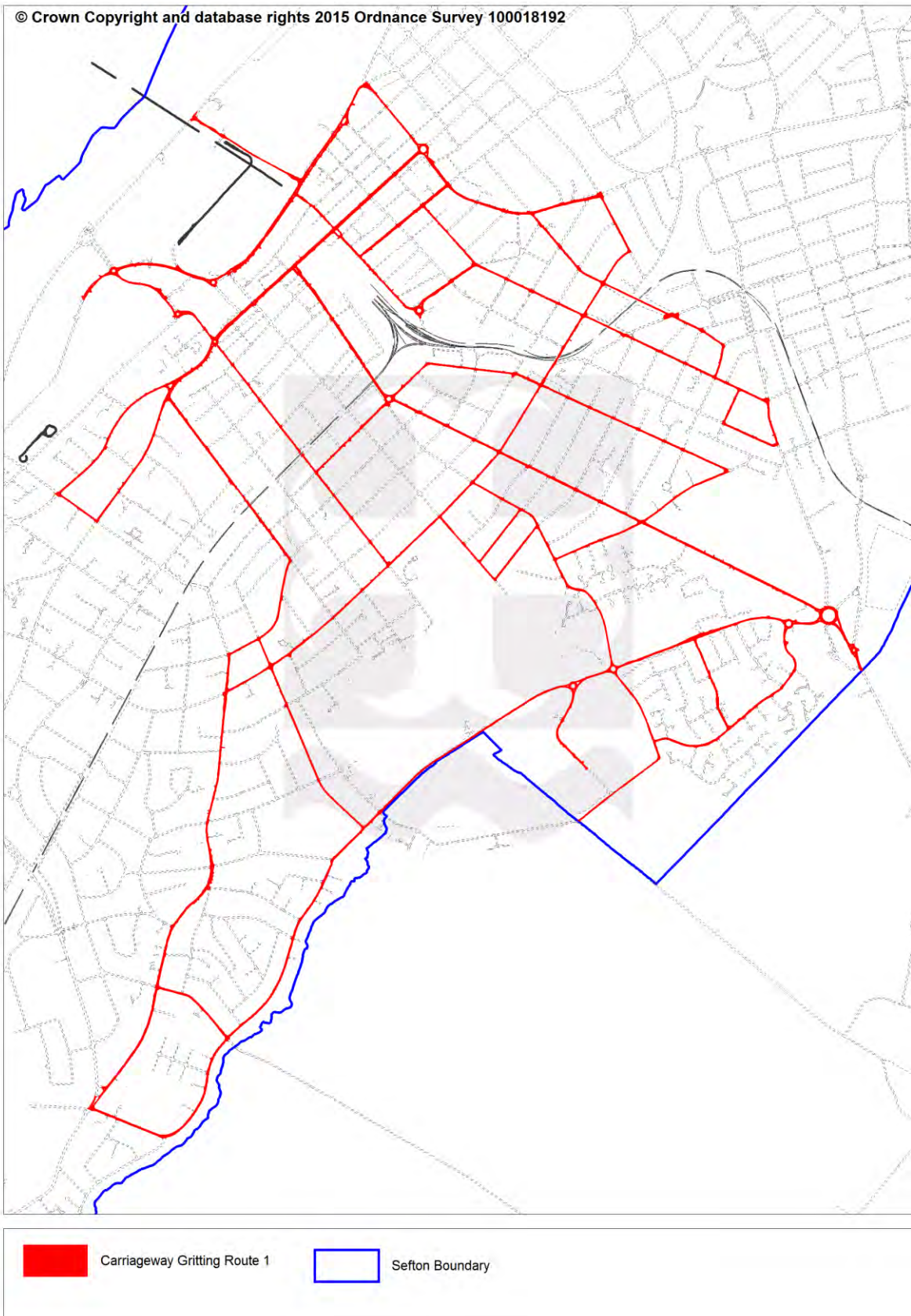
Table 2/2

LOAD: 3.82 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE	33.0
	NON GRIT MILEAGE	2.9
	TOTAL	35.9

ROUTE	DIRECTION	REMARKS
Park Road, Formby	Turn left into	
Ravenmeols Lane, Formby	Onto	
Queens Road, Formby	Onto	
Bushbys Lane, Formby	Turn right into	
St Lukes Church Road, Formby	Bear right into	
Kirklake Road, Formby	Turn right into	
Ward Avenue, Formby	Turn right into	
Queens Road, Formby	Turn right into	
Brooks Road, Formby	Turn left into	
Ward Avenue, Formby	Turn right into	
Formby Bridge, Formby	Onto	
Duke Street, Formby	Turn left into	
Elbow Lane, Formby	Turn right into	
Chapel Lane, Formby	Turn left into	
Hasall Lane, Formby	Onto	
Gores Lane, Formby	Turn left into	
Victoria Road, Formby	Turn left into	
Freshfield Road, Formby	Turn right into	
Formby Bridge, Formby	Onto	
Kirklake Road, Formby	Turn right into	
Woodlands Road, Formby	Onto	
Harington Road, Formby	Turn right into	
Victoria Road, Formby	Turn left into	
Merseytravel bus turnaround, Formby	Around turnaround and return onto	
Victoria Road, Formby	Turn left into	
Gores Lane, Formby	Bear right into	
Massams Lane, Formby	Bear right into	
Green Lane, Formby	Onto	
Church Road, Formby	Bear right into	
Cross Green, Formby	Turn right into	
Three Tuns Lane, Formby	Turn right into	
School Lane, Formby	Turn right into	
Church Road, Formby	Turn left into	
Kenyons Lane, Formby	Turn left into	
Watchyard Lane, Formby	Turn 2 nd right into	
Smithy Green , Formby	Turn right into	
Watchyard Lane, Formby	Turn left into	
Deansgate Lane, Formby	Turn right into	
Southport Road, Formby	Around RAB at Formby By Pass & return onto	
Southport Road, Formby	Bear left into	
Ryeground Lane, Formby	Turn left into	
Church Road, Formby	Turn right into	
School Lane, Formby	Onto	
Chapel Lane, Formby	Onto	
Brows Lane, Formby	Turn left into	
Freshfield Road, Formby	Turn left into	
Duke Street, Formby	Turn right into	
Liverpool Road, Formby	Turn right into	
Formby By Pass , Formby	Onto	
Scaffold Lane, Ince Blundell	Turn left into	
Moor Lane, Ince Blundell		
FINISH at jct of Lady Green Lane		Return

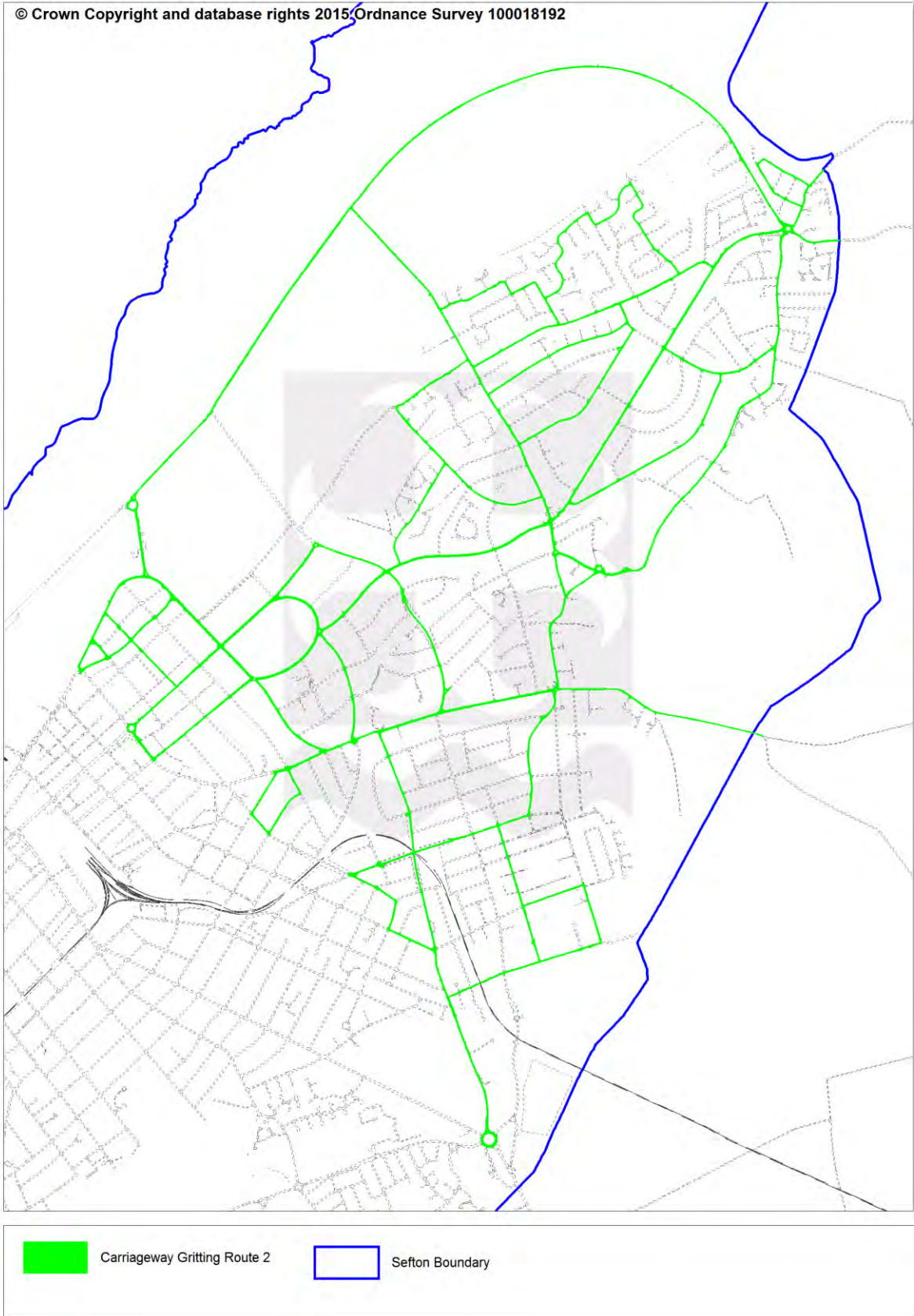
MAP A1 Route 1

SEFTON MBC LOCALITY SERVICES COMMISSIONED - HIGHWAY NETWORK MANAGEMENT
Winter Service Carriageway Gritting Route 1 - Currency September 2015



MAP A2 Route 2

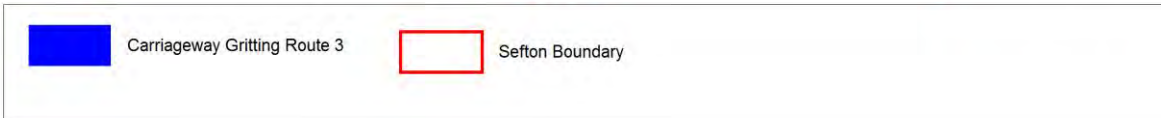
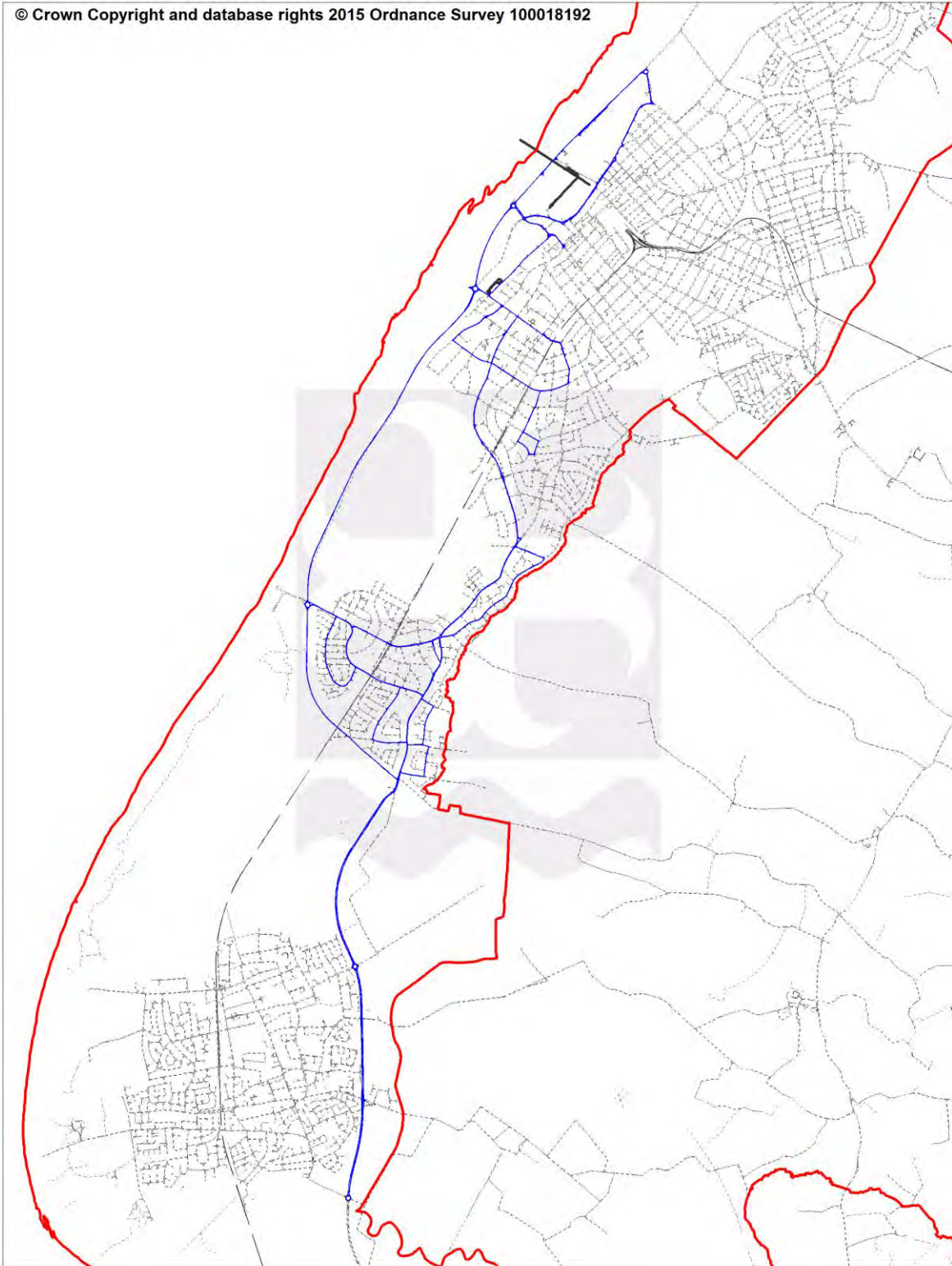
SEFTON MBC LOCALITY SERVICES COMMISSIONED - HIGHWAY NETWORK MANAGEMENT
Winter Service Carriageway Gritting Route 2 - Currency September 2015



MAP A3 Route 3

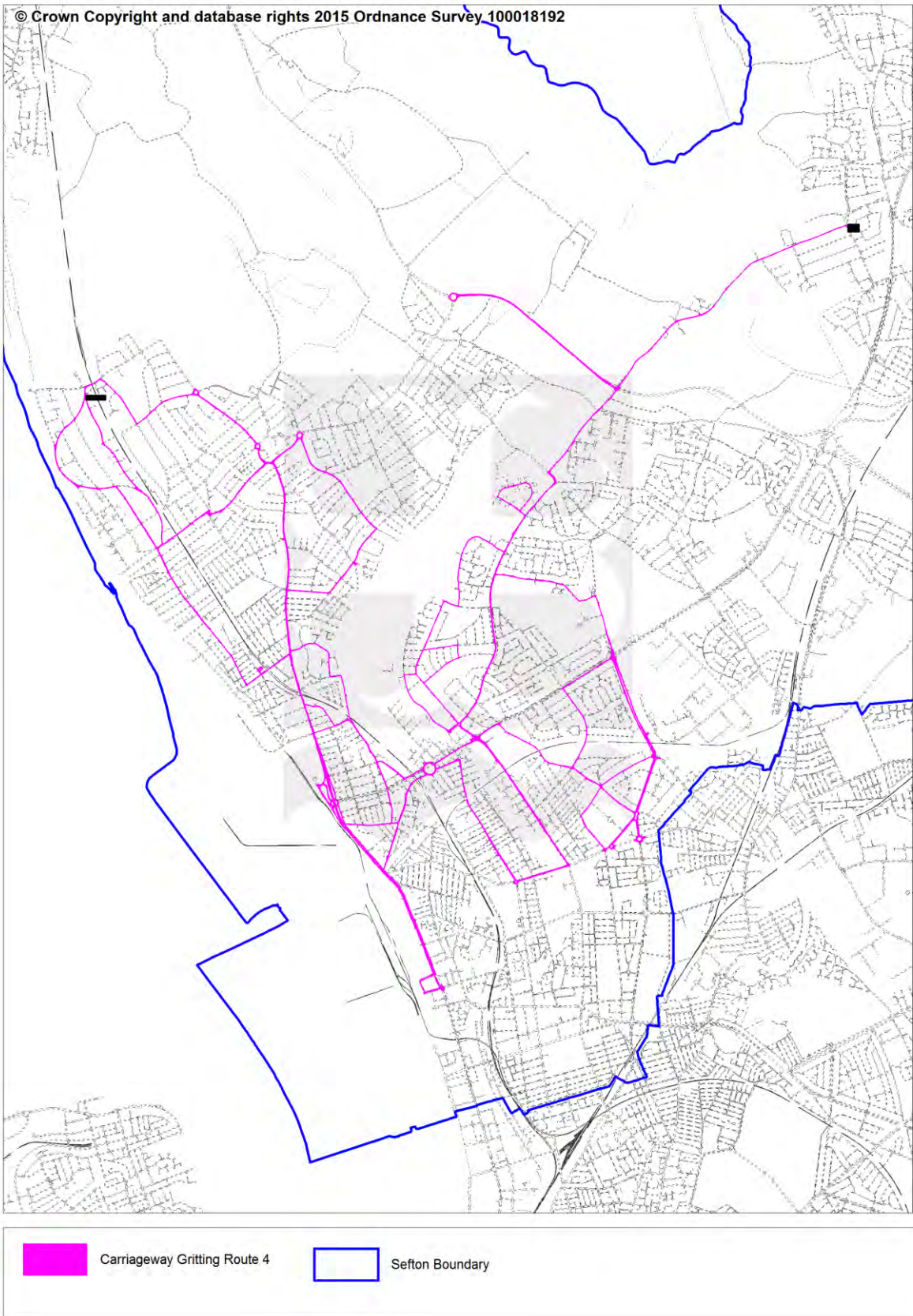
SEFTON MBC LOCALITY SERVICES COMMISSIONED - HIGHWAY NETWORK MANAGEMENT
Winter Service Carriageway Gritting Route 3 - Currency September 2015

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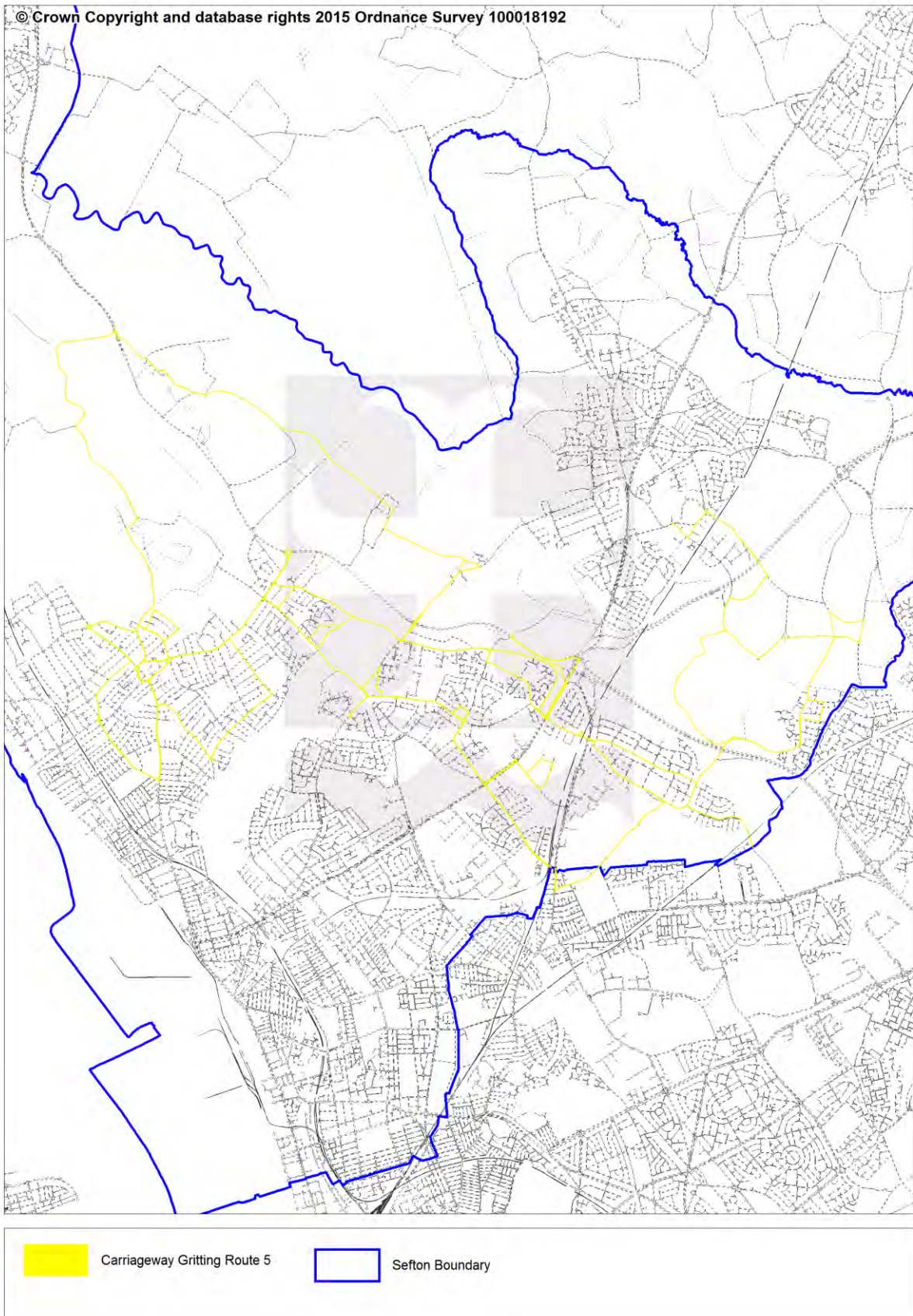
MAP A4 Route 4

SEFTON MBC LOCALITY SERVICES COMMISSIONED - HIGHWAY NETWORK MANAGEMENT
Winter Service Carriageway Gritting Route 4 - Currency September 2015



MAP A5 Route 5

SEFTON MBC LOCALITY SERVICES COMMISSIONED - HIGHWAY NETWORK MANAGEMENT
Winter Service Carriageway Gritting Route 5 - Currency September 2015





MAP A6 Route 6

SEFTON MBC LOCALITY SERVICES COMMISSIONED - HIGHWAY NETWORK MANAGEMENT
Winter Service Carriageway Gritting Route 6 - Currency September 2015

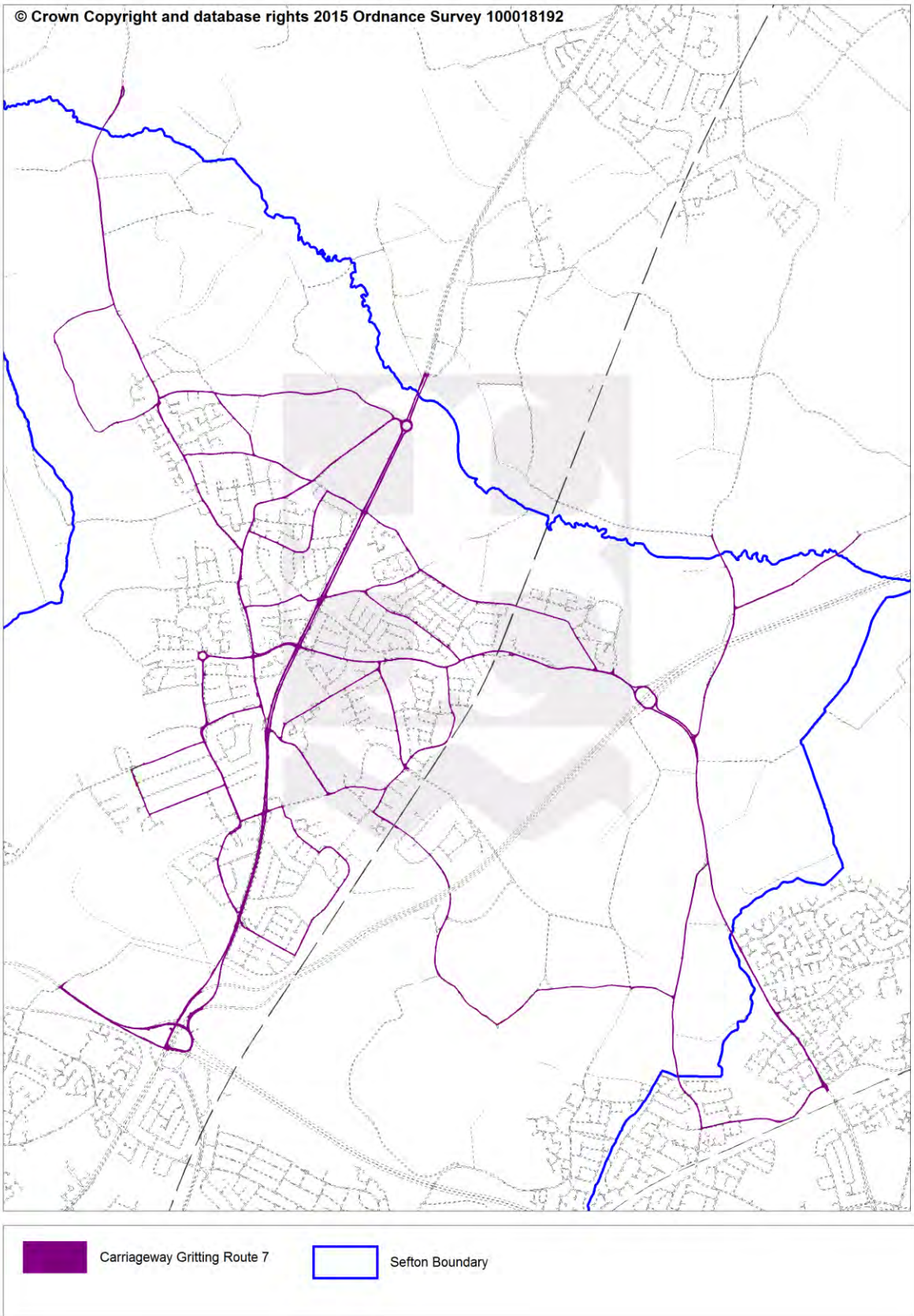
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 Carriageway Gritting Route 6  Sefton Boundary

MAP A7 Route 7

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Winter Service Carriageway Gritting Route 7 - Currency September 2015



MAP A8 Route 8

SEFTON MBC LOCALITY SERVICES COMMISSIONED - HIGHWAY NETWORK MANAGEMENT
Winter Service Carriageway Gritting Route 8 - Currency September 2015

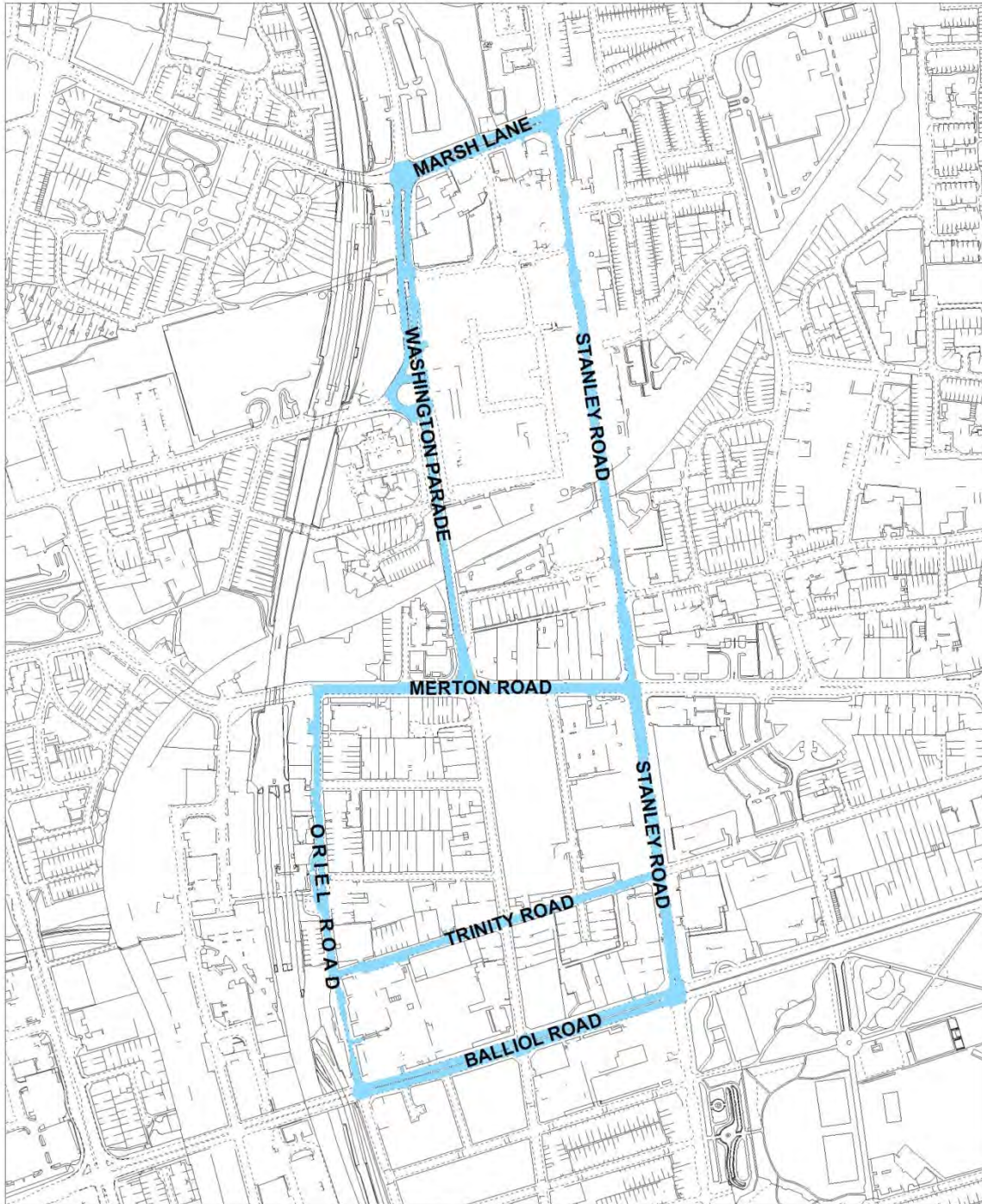


APPENDIX B Footway Gritting Routes

Location	Extent
Route 1	
Stanley Road, Bootle	Balliol Road to Marsh Lane
Balliol Road, Bootle	Stanley Road to Oriel Road
Trinity Road, Bootle	Stanley Road to Oriel Road
Merton Road, Bootle	Stanley Road to Oriel Road
Oriel Road, Bootle	Balliol Road to Merton Road
Marsh Lane, Bootle	Stanley Road to Washington Parade
Washington Parade, Bootle	Marsh lane to Merton Road
Route 2	
Crosby Road North, Waterloo	Great George's Road to Liverpool Road
South Road, Waterloo	Crosby Road North to Mount Pleasant
St. Johns Road, Waterloo	Crosby Road North to Level Crossing
Liverpool Road, Crosby	Crosby Road North to The Bypass
Crosby Village, Crosby	Pedestrianised Area (Liverpool Road/Moor Lane)
Richmond Road, Crosby	Moor Lane to Little Crosby Road
Little Crosby Road, Crosby	Richmond Road to Cooks Road
Islington, Crosby	Cooks Road to Coronation Road
Coronation Road, Crosby	Islington to College Road
College Road, Crosby	Coronation Road to Sunnyside Road
Route 3	
Lord Street, Southport	Duke Street to Leicester Street
Scarisbrick Avenue, Southport	Lord Street to Promenade
Nevill Street, Southport	Lord Street to Promenade
London Street, Southport	Lord Street to Chapel Street
Chapel Street, Southport	London Street to Eastbank Street
Eastbank Street, Southport	Lord Street to Roundabout
Route 4	
School Lane, Formby	Church Road to Three Tuns Lane
Three Tuns Lane, Formby	School Lane to Cropton Road
Chapel Lane, Formby	Three Tuns Lane to Brows Lane
Halsall Lane, Formby	Chapel lane to Furness Avenue
Route 5	
Westway, Maghull	Northway to Liverpool Road North including subway
Liverpool Road North, Maghull	Westway to Red Lion Bridge

MAP B1 Route 1

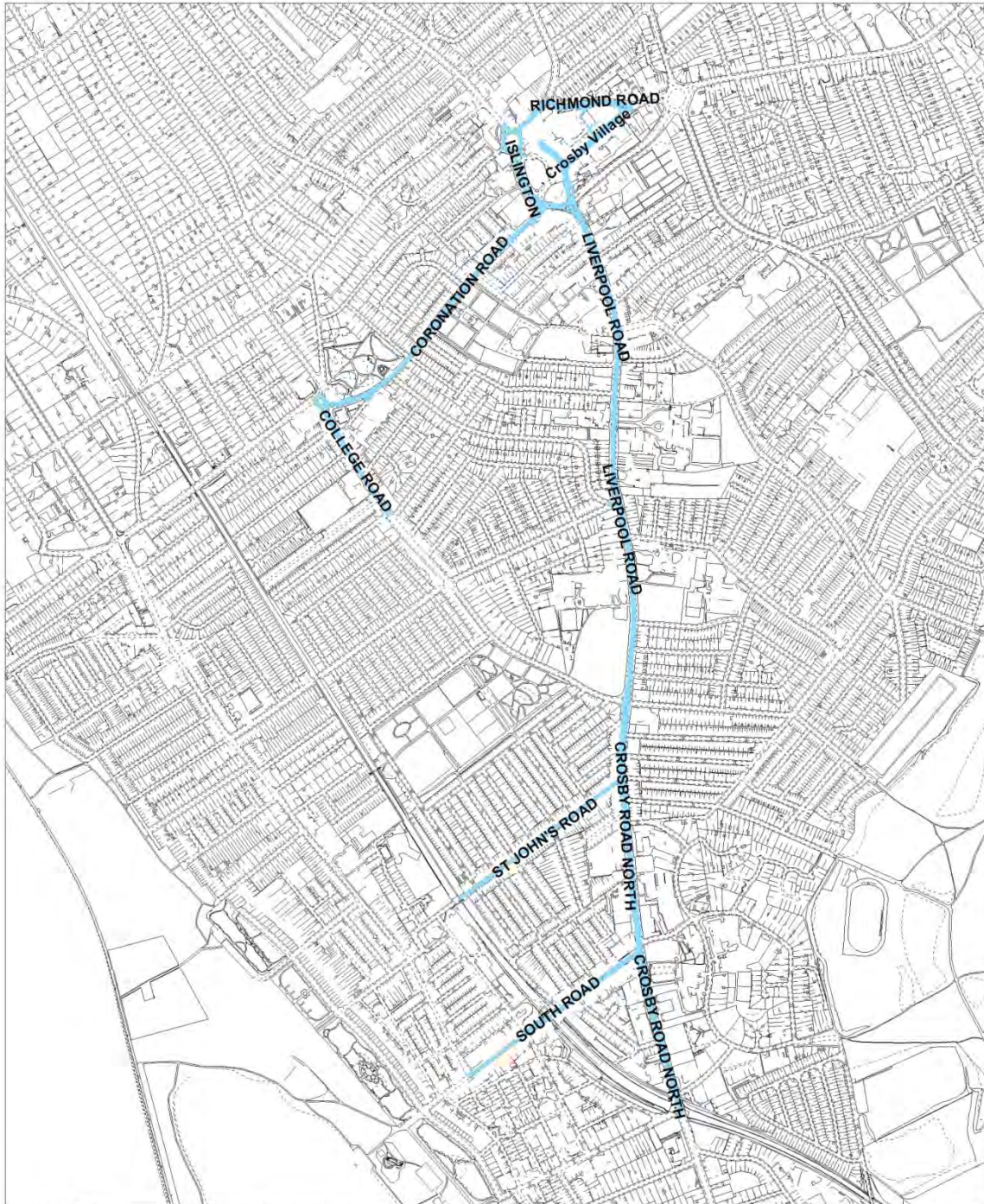
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 FOOTWAY GRITTING ROUTE 1 - SCALE 1:5000
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Location	USRN	STREET_DESCRIPTOR	TOWN	ROAD_FROM	ROAD_TO
101	34,102,810	STANLEY ROAD	BOOTLE	BALLIOL ROAD	MARSH LANE
102	34,100,179	BALLIOL ROAD	BOOTLE	STANLEY ROAD	ORIEL ROAD
103	34,102,993	TRINITY ROAD	BOOTLE	STANLEY ROAD	ORIEL ROAD
104	34,101,905	MERTON ROAD	BOOTLE	STANLEY ROAD	ORIEL ROAD
105	34,102,130	ORIEL ROAD	BOOTLE	BALLIOL ROAD	MERTON ROAD
106	34,101,833	MARSH LANE	BOOTLE	STANLEY ROAD	WASHINGTON PARADE
107	34,103,093	WASHINGTON PARADE	BOOTLE	MARSH LANE	MERTON ROAD

MAP B2 Route 2

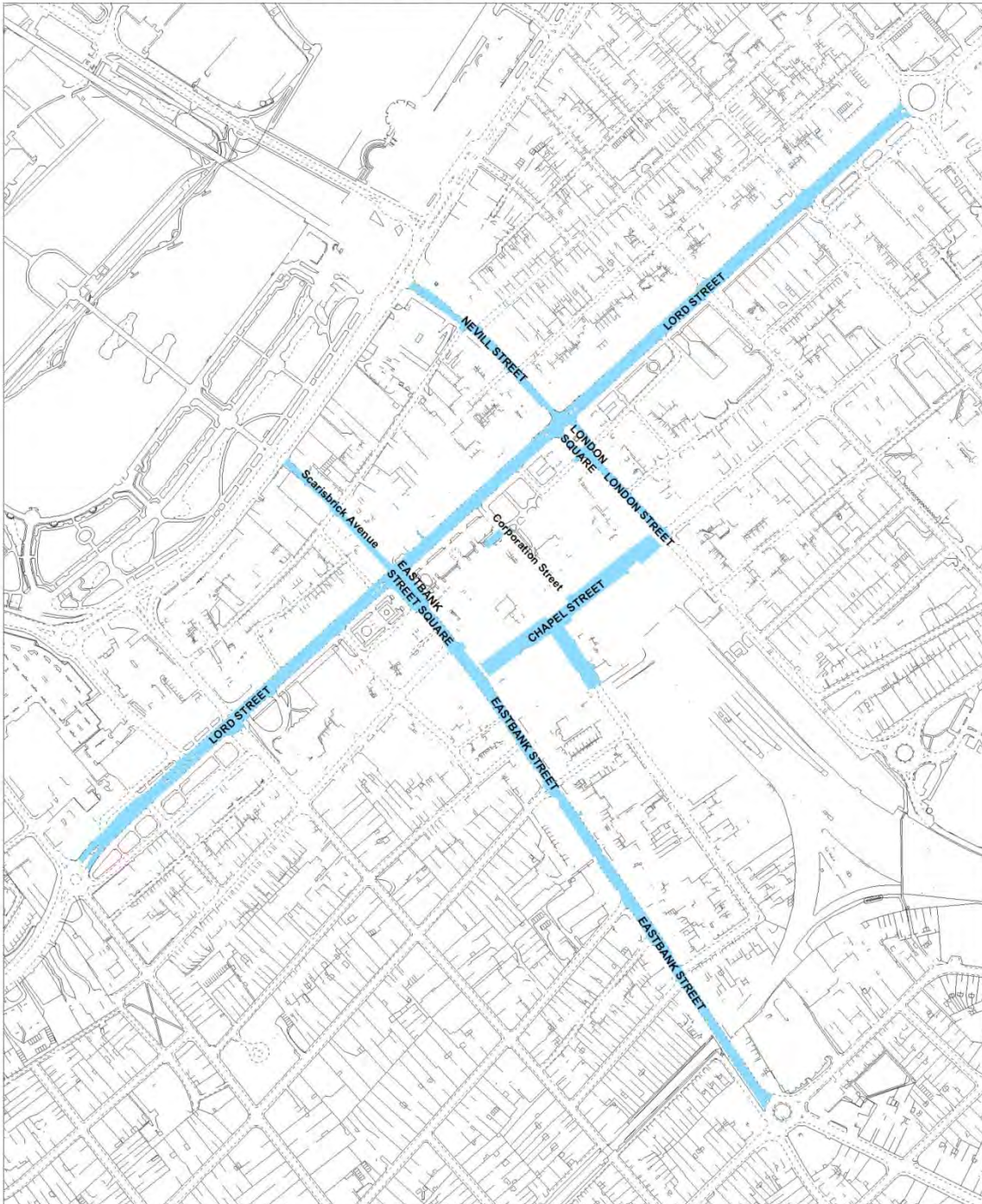
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 FOOTWAY GRITTING ROUTE 2 - SCALE 1:10000
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Location	USRN	STREET_DESCRIPTOR	TOWN	ROAD_FROM	ROAD_TO
201	34,100,765	CROSBY ROAD NORTH	WATERLOO	GREAT GEORGES ROAD	LIVERPOOL ROAD
202	34,102,665	SOUTH ROAD	WATERLOO	CROSBY ROAD NORTH	MOUNT PLEASANT
203	34,102,754	ST JOHNS ROAD	WATERLOO	CROSBY ROAD NORTH	LEVEL CROSSING
204	34,101,698	LIVERPOOL ROAD	CROSBY	CROSBY ROAD NORTH	THE BYPASS
205	34,101,950	CROSBY VILLAGE	CROSBY	PEDESTRIANISED AREA	LIVERPOOL ROAD / MOO
206	34,102,397	RICHMOND ROAD	CROSBY	MOOR LANE	LITTLE CROSBY ROAD
207	34,101,695	LITTLE CROSBY ROAD	LITTLE CROSBY	RICHMOND ROAD	COOKS ROAD
208	34,103,820	ISLINGTON	CROSBY	COOKS ROAD	CORONATION ROAD
209	34,103,820	CORONATION ROAD	CROSBY	ISLINGTON	COLLEGE ROAD
210	34,100,696	COLLEGE ROAD	CROSBY	CORONATION ROAD	SUNNYSIDE ROAD

MAP B3 Route 3

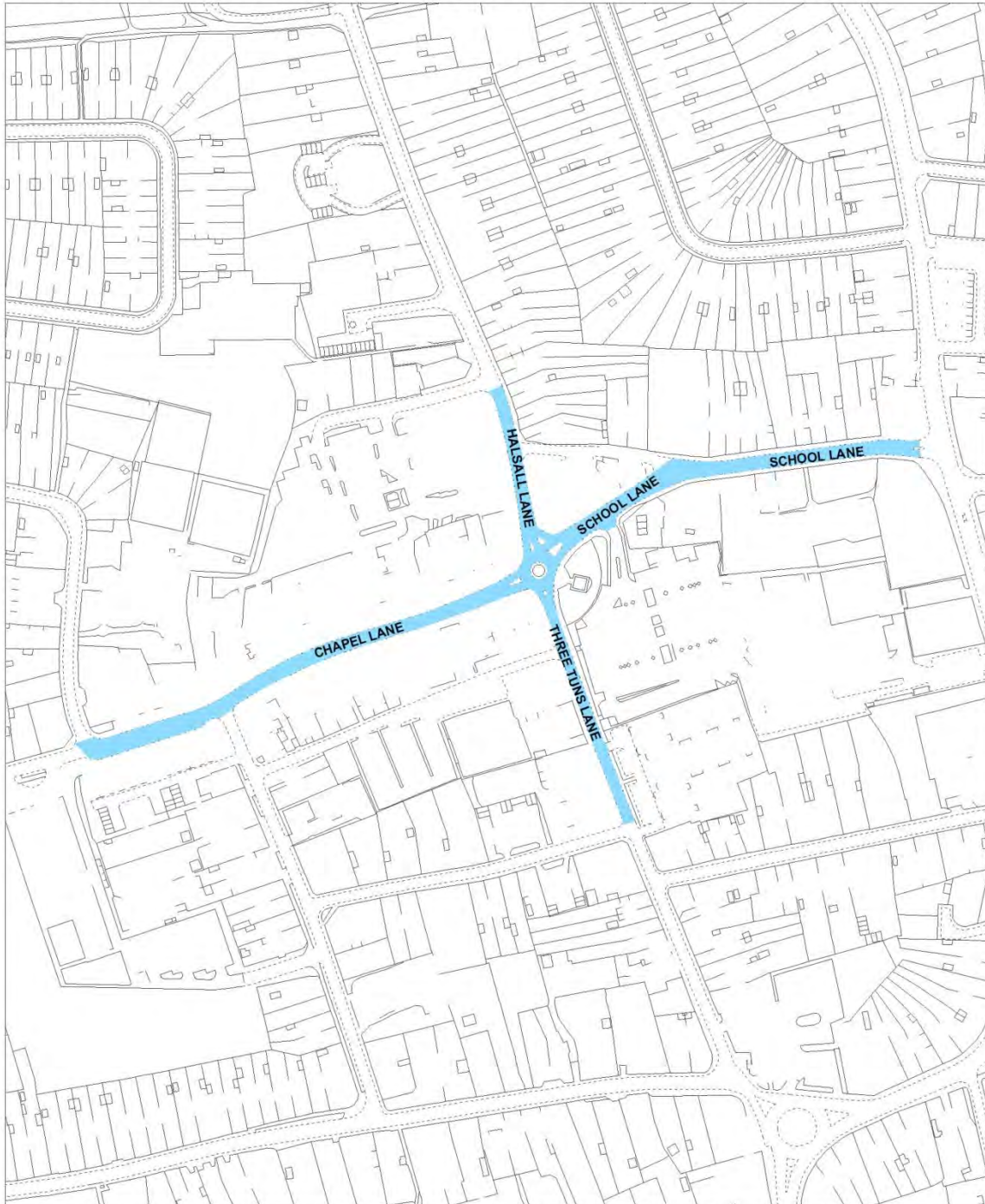
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 FOOTWAY GRITTING ROUTE 3 - SCALE 1:5000
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Location	USRN	STREET_DESCRIPTOR	TOWN	ROAD_FROM	ROAD_TO
301	34,101,730	LORD STREET	SOUTHPORT	DUKE STREET	LEICESTER STREET
302	34,102,552	SCARISBRICK AVENUE	SOUTHPORT	LORD STREET	PROMENADE
303	34,102,029	NEVILL STREET	SOUTHPORT	LORD STREET	PROMENADE
304	34,101,710	LONDON SQUARE	SOUTHPORT	LORD STREET	LONDON STREET
305	34,101,711	LONDON STREET	SOUTHPORT	LONDON SQUARE	CHAPEL STREET
306	34,100,596	CHAPEL STREET	SOUTHPORT	LONDON STREET	EASTBANK STREET
307	34,103,372	EASTBANK STREET SQUARE	SOUTHPORT	LORD STREET	EASTBANK STREET
308	34,100,920	EASTBANK STREET	SOUTHPORT	EASTBANK STREET SQ	ROUNDAABOUT
309	34,101,730	SOUTHPORT TOWN HALL	SOUTHPORT	FORECOURT AREA	

MAP B4 Route 4

SEFTON MBC ENVIRONMENTAL AND TECHNICAL SERVICES DEPARTMENT NETWORK MANAGEMENT
 FOOTWAY GRITTING ROUTE 4 - SCALE 1:2500
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Location_ID	USRN	STREET_DESCRIPTOR	TOWN	ROAD_FROM	ROAD_TO
401	34,102,562	SCHOOL LANE	FORMBY	CHURCH ROAD	THREE TUNS LANE
402	34,102,963	THREE TUNS LANE	FORMBY	SCHOOL LANE	CROPTON ROAD
403	34,100,594	CHAPEL LANE	FORMBY	THREE TUNS LANE	BROWS LANE
404	34,101,262	HALSALL LANE	FORMBY	CHAPEL LANE	FURNESS AVENUE

MAP B5 Route 5

SEFTON MBC DEPARTMENT OF BUILT ENVIRONMENT NETWORK MANAGEMENT
 FOOTWAY GRITTING ROUTE 5 - SCALE 1:2500
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MAP DRAWN 25 OCTOBER 2013 BY JJH

Location_	USRN	STREET_DESCRIPTOR	TOWN	ROAD_FROM	ROAD_TO
501	34,103,161	WESTWAY	MAGHULL	NORTHWAY	LIVERPOOL ROAD NORTH
502	34,101,707	LIVERPOOL ROAD NORTH	MAGHULL	WESTWAY	RED LION BRIDGE
503	34,103,161	WESTWAY	MAGHULL	SUBWAY	

APPENDIX C Grit Bins

Grit bins will be placed on site during the month of October each year, prior to the commencement of the official winter season and filled with salt

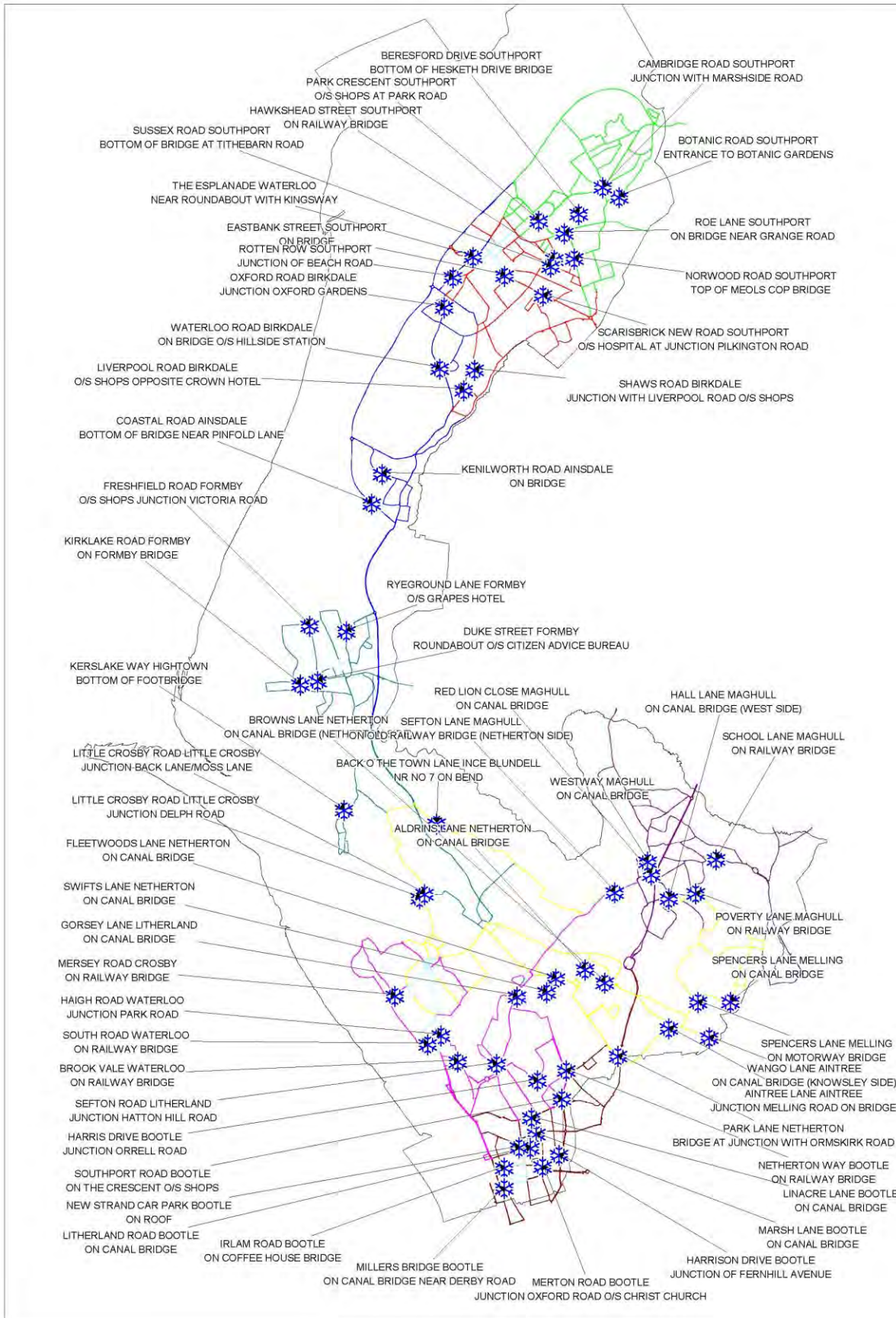
Grit bins will be monitored on an ad hoc basis throughout the winter season and the contractor will be instructed to re-fill them when deemed necessary.

One grit bin will be placed at each of the following locations:

Location	Detailed Location
Aintree Lane, Aintree	Junction Melling Road on bridge
Aldrins Lane, Netherton	On canal bridge
Back O The Town Lane, Ince Blundell	Near No 7 on bend
Beresford Drive, Southport	Bottom of Hesketh Drive bridge
Botanic Road, Southport	Entrance to Botanic Gardens
Brook Vale, Waterloo	On railway bridge
Browns Lane, Netherton	On canal bridge (Netherton side)
Cambridge Road, Southport	Junction with Marshside Road
Coastal Road, Ainsdale	Bottom of bridge near Pinfold Lane
Duke Street, Southport	Roundabout o/s citizens advice bureau
Eastbank Street, Southport	On bridge
Esplanade, Southport	Near roundabout with Kingsway
Fleetwoods Lane, Netherton	On canal bridge
Freshfield Road, Formby	O/s shops junction Victoria Road
Gorsey Lane, Litherland	On canal bridge
Haigh Road, Waterloo	Junction Park Road
Hall Lane, Maghull	On canal bridge (west side)
Harris Drive, Bootle	Junction Orrell Road
Harrison Drive, Bootle	Junction Fernhill Avenue
Hawkshead Street, Southport	On railway bridge
Irlam Road, Bootle	On Coffee House Bridge
Kenilworth Road, Southport	On bridge
Kerslake Way, Hightown	Bottom of footbridge
Kirklake Road, Formby	On Formby Bridge
Linacre Lane, Bootle	On canal bridge
Litherland Road, Bootle	On canal bridge
Little Crosby Road, Little Crosby	Junction Delph Road

Location	Detailed Location
Little Crosby Road, Little Crosby	Junction Back lane/Moss Lane
Liverpool Road, Birkdale	O/s shops opposite Crown Hotel
Marsh Lane, Bootle	On canal bridge
Merton Road, Bootle	Junction Oxford Road o/s Church
Mersey Road, Blundellsands	On railway bridge
Millers Bridge, Bootle	On canal bridge near Derby Road
Netherton Way, Bootle	On railway bridge
New Strand Car Park, Bootle	On roof
Norwood Road, Southport	Top of Meols Cop Bridge
Oxford Road, Birkdale	Junction Oxford Road
Park Crescent, Southport	O/s shops at Park Road
Park Lane, Netherton	Bridge at junction with Ormskirk Road
Poverty Lane, Maghull	On railway bridge
Red Lion Close, Maghull	On canal bridge
Roe Lane, Southport	On bridge near Grange Road
Rotten Row, Southport	Junction Beach Road
Scarbrick New Road, Southport	O/s hospital at junction of Pilkington Road
School Lane, Maghull	On railway bridge
Sefton Lane, Maghull	On old railway bridge (Netherton side)
Sefton Road, Litherland	Junction Hatton Hill Road
Shaws Road, Birkdale	Junction with Liverpool Road o/s Shops
South Road, Waterloo	On railway bridge
Southport Road, Bootle	On the Crescent o/s shops
Southport Road, Formby	O/s Grapes hotel
Spencers Lane, Melling	On canal bridge
Spencers Lane, Melling	On motorway bridge
Sussex Road, Maghull	Bottom of bridge at Tithebarn Road
Swifts Lane, Netherton	On canal bridge
Wango Lane, Aintree	On canal bridge (Knowsley side)
Waterloo Road, Birkdale	On bridge o/s Hillside station
Westway, Maghull	On canal bridge
Total Grit Bin Provision	58

MAP C1 Grit Bin Locations



APPENDIX D Footway Snow Clearance Priorities

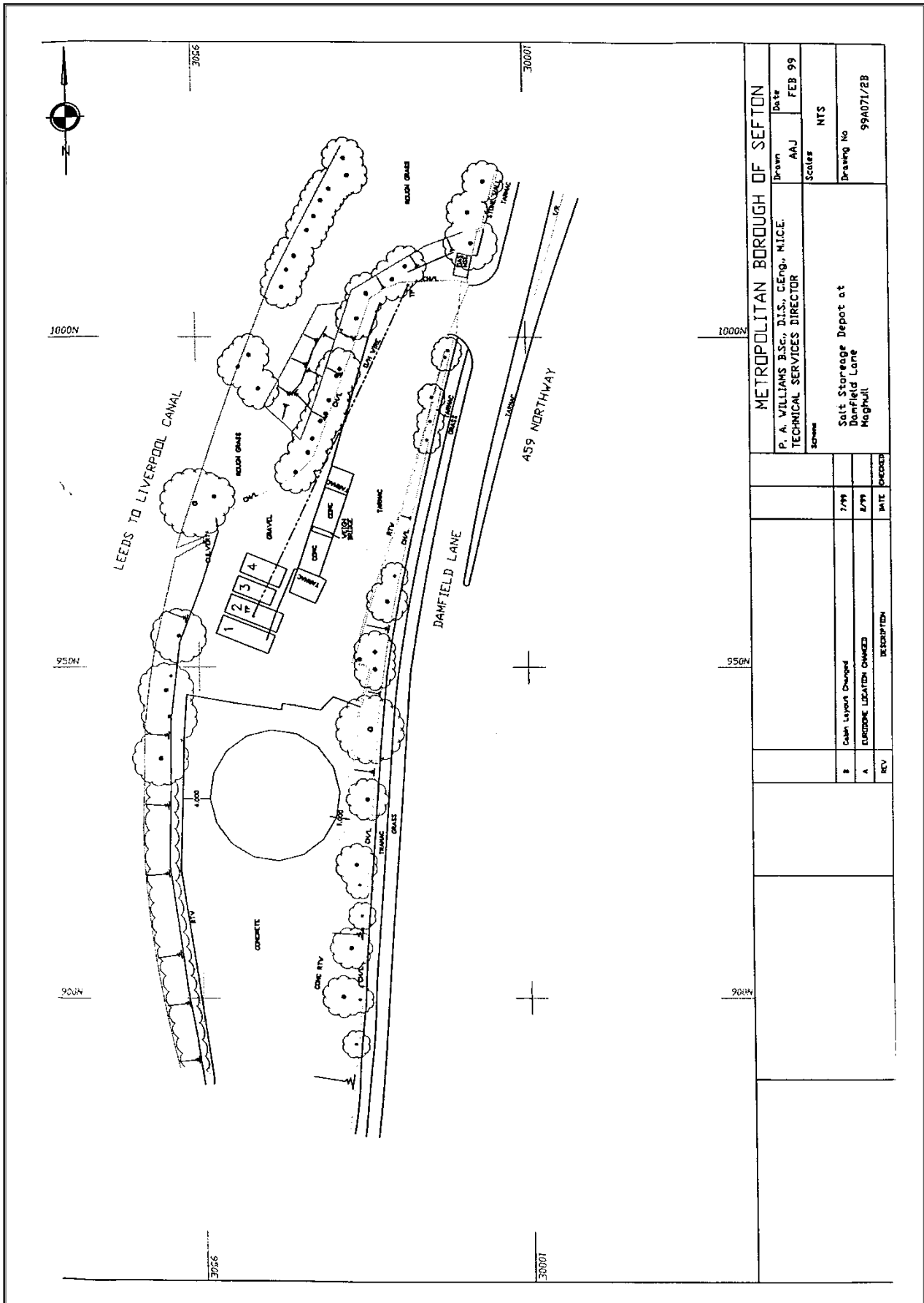
Snow clearance priorities will include the following locations:

Location	Extent
Stanley Road, Bootle	Boundary to Linacre Road
Linacre Road	Stanley Road to Bridge Road
Bridge Road	Linacre Road to Seaforth Road/Church Road
Knowsley Road	Stanley Road to Grey Street
Marsh Lane	Stanley Road to Railway Station
Washington Parade	Marsh lane to Canal Bridge
Crosby Road North	Great Georges Road to Liverpool Road
South Road	Crosby Road North to Mount Pleasant
St. Johns Road	Crosby Road North to Level Crossing
Liverpool Road	Crosby Road North to The Bypass
Crosby Village	Pedestrianised Area (Liverpool Road/Moor Lane)
Richmond Road	Moor Lane to Little Crosby Road
Little Crosby Road	Richmond Road to Cooks Road
Islington	Cooks Road to Coronation Road
Coronation Road	Islington to College Road
College Road	Coronation Road to Sunnyside Road
Lord Street	Duke Street to Leicester Street
Scarisbrick Avenue	Lord Street to Promenade
Nevill Street	Lord Street to Promenade
London Street	Lord Street to Chapel Street
Chapel Street	London Street to Eastbank Street
Eastbank Street	Lord Street to Roundabout
Town Lane, Kew	200 m either side of Hospital Entrance
Liverpool Road, Birkdake	Level Crossing to Bolton Road
Station Road, Ainsdale	Level Crossing to Roundabout
School Lane, Formby	Church Road to Three Tuns Lane
Three Tuns Lane	School Lane to Cropton Road
Chapel Lane	Three Tuns Lane to Brows Lane
Halsall Lane	Chapel lane to Furness Avenue
Station Road Melling	Railway to Tailor's Lane
Westway, Maghull	Northway to Liverpool Road North
Liverpool Road North	Westway to Red Lion Bridge
Altway	Bradfield Avenue to Ormskirk Road
Aintree Lane	Holy Rosary to Ormskirk Road
Molyneux Way	Altway to Aintree Lane
Copy Lane	Netherton Grange to Ormskirk Road
Marian Square	Glovers Lane to Glovers Lane
Magdalen Square	Glovers Lane to Glovers Lane
Glovers Lane	St Oswalds Lane to St Jeromes Lane
Sefton Road	Osborne Road to School Lane
Botanic Road	Cambridge Road to Manor Road
Manor Road	Botanic Road to Cambridge Road
Cambridge Road	Manor Road to Botanic Road

The above locations are inclusive of the footway gritting routes which will be the first to be treated for snow clearance by deployment of the footway gritters with snow plough blades attached. Any action will then be supplemented by any available operations staff.

APPENDIX E Depot Location

The winter Service depot is located on Damfield Lane, Maghull

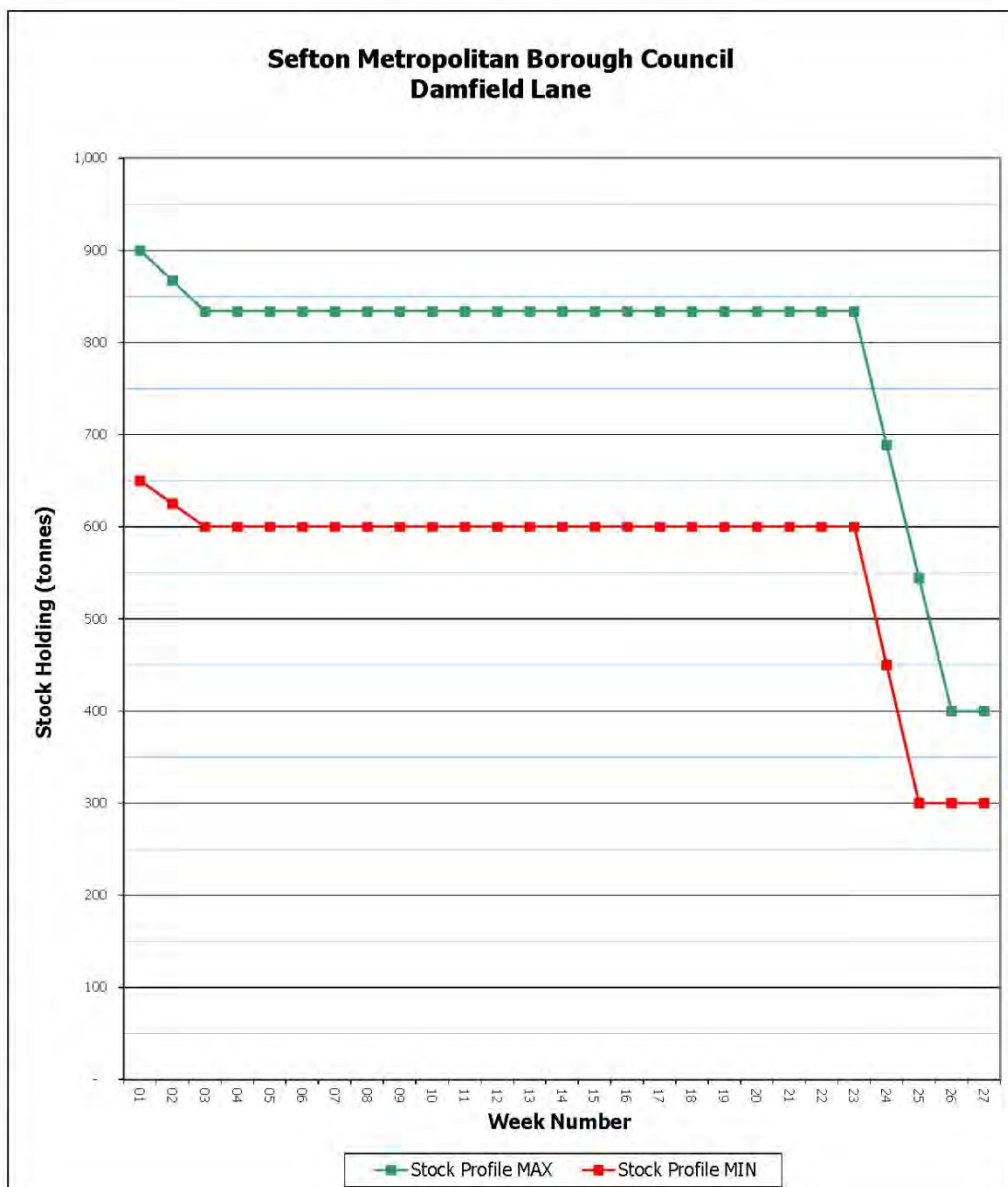


METROPOLITAN BOROUGH OF SEFTON	
P. A. WILLIAMS B.Sc., D.I.S., C.Eng., M.I.C.E. TECHNICAL SERVICES DIRECTOR	Drawn AAJ
	Date FEB 99
Scales NTS	
Drawing No 99A071/2B	

Scheme Salt Storage Depot at Damfield Lane Maghull			
REV	DESCRIPTION	DATE	CHECKED
B	Gain Layout Changed	7/99	
A	EUROPEAN LOCATION CHANGED	8/98	

APPENDIX F Salt Restocking Profile

Week Number	Stock Profile	
	MAX	MIN
1	900	650
2	867	625
3	834	600
4	834	600
5	834	600
6	834	600
7	834	600
8	834	600
9	834	600
10	834	600
11	834	600
12	834	600
13	834	600
14	834	600
15	834	600
16	834	600
17	834	600
18	834	600
19	834	600
20	834	600
21	834	600
22	834	600
23	834	600
24	689	450
25	544	300
26	400	300
27	400	300



The above chart shows the maximum and minimum salt stock levels at any time during the winter season. As salt is used to grit the highway, the stock level will drop. Once it reaches the minimum stock level, additional salt is automatically delivered by the salt supplier to replenish the stocks up to the appropriate maximum level as indicated on the chart for the time of the season. Resilience amendments in Appendix H of Well Maintained Highways mean that it is no longer possible to allow the salt stock to diminish significantly until near the end of the season. This system ensures that there will always be sufficient salt available. In accordance with the requirements of Appendix H, additional salt stocks are **maintained at the contractor's premises which are located within 3 miles of the Council's operational depot** detailed in Appendix E of this document.

APPENDIX G Summary of Roads Gritted

The table below shows an alphabetical list of all roads scheduled for gritting

Alphabetical Road Listing				Table 1/7
USRN	GRIT LOCATION	ROAD FROM	ROAD TO	ROUTE NO
34100014	AGNES ROAD, BLUNDELLSANDS	WHOLE LENGTH		4
34100018	AINTREE LANE, AINTREE	WHOLE LENGTH		5
34103414	AINTREE ROAD, BOOTLE	WHOLE LENGTH		6
34100022	ALBANY ROAD, SOUTHPORT	WHOLE LENGTH		2
34100026	ALBERT ROAD, SOUTHPORT	WHOLE LENGTH		2
34100049	ALEXANDRA ROAD, SOUTHPORT	KNOWSLEY ROAD	ALBERT ROAD	2
34103444	ALMONDS TURN, NETHERTON	WHOLE LENGTH		5
34100063	ALT ROAD, HIGHTOWN	MOSS LANE	KERSLAKE WAY	8
34103368	ALT ROAD, FORMBY	WHOLE LENGTH		8
34100066	ALTCAR ROAD, FORMBY	CROSS GREEN	TESCO ROUNDABOUT	8
34100066	ALTCAR ROAD, FORMBY	TESCO ROUNDABOUT	BOUNDARY	8
34100069	ALTWAY, AINTREE	WHOLE LENGTH		5
34100084	ANGERS LANE, MELLING	WHOLE LENGTH		5
34100091	APPLETON ROAD, LITHERLAND	WHOLE LENGTH		4
34100095	ARCTIC ROAD, BOOTLE	WHOLE LENGTH		4
34100101	ARGYLE ROAD, SOUTHPORT	WHOLE LENGTH		2
34100117	ASH STREET, SOUTHPORT	WHOLE LENGTH		1
34100139	AUGHTON ROAD, BIRKDALE	WHOLE LENGTH		1
34100155	BACK LANE, LITTLE CROSBY	WHOLE LENGTH		8
34100158	BACK O THE TOWN LANE, INCE BLUNDELL	WHOLE LENGTH		5
34100168	BAILEY DRIVE, BOOTLE	WHOLE LENGTH		4
34100179	BALLIOL ROAD, BOOTLE	WHOLE LENGTH		6
34100178	BALLIOL ROAD EAST, BOOTLE	WHOLE LENGTH		6
34100182	BALMORAL DRIVE, SOUTHPORT	WHOLE LENGTH		2
34100183	BALMORAL DRIVE, FORMBY	WHOLE LENGTH		8
34100189	BANK LANE, MELLING	PRESCOT ROAD	BOUNDARY	7
34100193	BANKFIELD LANE, SOUTHPORT	WHOLE LENGTH		2
34100194	BANKS ROAD, SOUTHPORT	WATER LANE	BOUNDARY	2
34103786	BENTHAMS WAY, SOUTHPORT	WHOLE LENGTH		1
34100271	BERRY STREET, BOOTLE	WHOLE LENGTH		6
34100290	BISPHAM ROAD, SOUTHPORT	NORWOOD ROAD	OLD PARK LANE	2
34100314	BLUNDELL DRIVE, BIRKDALE	BURLINGTON ROAD	KIRKSTALL ROAD	3
34100316	BLUNDELL GROVE, HIGHTOWN	WHOLE LENGTH		8
34100319	BLUNDELL ROAD, HIGHTOWN	VILLAGE WAY	MARSTON CRESCENT	8
34100333	BOTANIC ROAD, SOUTHPORT	WHOLE LENGTH		2
34100336	BOUNDARY ROAD, LITHERLAND	WHOLE LENGTH		4
34100340	BOWLAND DRIVE, LITHERLAND	WHOLE LENGTH		4
34100360	BRASENOSE ROAD, BOOTLE	MILLERS BRIDGE	BOUNDARY	6
34100364	BREEZE HILL, BOOTLE	HAWTHORNE ROAD	BOUNDARY	6
34100373	BREWERY LANE, MELLING	WHOLE LENGTH		5
34100375	BREWSTER STREET, BOOTLE	BEDFORD ROAD	BOUNDARY	6
34100380	BRICKWALL LANE, SEFTON	WHOLE LENGTH		4
34100388	BRIDGE ROAD, LITHERLAND	WHOLE LENGTH		4
34100387	BRIDGE ROAD, CROSBY	WHOLE LENGTH		4
34100394	BRIDGES LANE, SEFTON	WHOLE LENGTH		4
34100396	BRIDLE ROAD, NETHERTON	WHOLE LENGTH		6
34100398	BRIDLE WAY, NETHERTON	WHOLE LENGTH		6
34100400	BRIGHTON ROAD, WATERLOO	SOUTH ROAD	BUS TURNAROUND	4
34100425	BROOK ROAD, THORNTON	WHOLE LENGTH		8
34100429	BROOK VALE, WATERLOO	WHOLE LENGTH		4
34100439	BROOKS ROAD, FORMBY	WHOLE LENGTH		8
34104369	BROOMS CROSS ROAD, NETHERTON	WHOLE LENGTH		5,6,7
34104370	BROOMS CROSS ROAD, SEFTON	WHOLE LENGTH		4,6
34104371	BROOMS CROSS ROAD, THORNTON	WHOLE LENGTH		4,5,6,8
34100449	BROWNMOOR LANE, CROSBY	WHOLE LENGTH		4
34100452	BROWS LANE, FORMBY	WHOLE LENGTH		8
34100462	BUCKLEY HILL LANE, SEFTON	WHOLE LENGTH		4
34100464	BULL BRIDGE LANE, AINTREE	WHOLE LENGTH		5
34100476	BURLINGTON ROAD, BIRKDALE	WHOLE LENGTH		3
34100484	BUSHBYS LANE, FORMBY	WHOLE LENGTH		8

Alphabetical Road Listing

Table 2/7

USRN	GRIT LOCATION	ROAD FROM	ROAD TO	ROUTE NO
34100489	BUTTS LANE, SOUTHPORT	WHOLE LENGTH		2
34100514	CAMBRIDGE ROAD, SOUTHPORT	WHOLE LENGTH		2
34100513	CAMBRIDGE ROAD, SEAFORTH	CROSBY ROAD SOUTH	SANDY ROAD	4
34100520	CANAL STREET, BOOTLE	WHOLE LENGTH		6
34100521	CANNING ROAD, SOUTHPORT	WHOLE LENGTH		2
34100552	CARR LANE, BIRKDALE	HEATHFIELD ROAD	LIVERPOOL ROAD	1
34100580	CEDAR STREET, SOUTHPORT	WHOLE LENGTH		1
34100582	CEMETERY ROAD, SOUTHPORT	WHOLE LENGTH		1
34100594	CHAPEL LANE, FORMBY	WHOLE LENGTH		8
34100615	CHERRY ROAD, AINSDALE	WHOLE LENGTH		3
34100625	CHESTERFIELD ROAD, CROSBY	MOOR LANE	BROWNMOOR LANE	5
34100635	CHURCH ROAD, CROSBY	ISLINGTON	LIVERPOOL ROAD	4
34100638	CHURCH ROAD, FORMBY	WHOLE LENGTH		8
34100636	CHURCH ROAD, SEAFORTH	WHOLE LENGTH		4
34100642	CHURCH STREET, SOUTHPORT	WHOLE LENGTH		1
34100650	CHURCHILL AVENUE, SOUTHPORT	WHOLE LENGTH		2
34100656	CLAREMONT ROAD, BIRKDALE	EVERTON ROAD	KEW ROAD	1
34100679	CLIVE ROAD, BIRKDALE	WHOLE LENGTH		3
34103855	COASTAL ROAD, AINSDALE	WHOLE LENGTH		3
34100683	COASTAL ROAD, BIRKDALE	WHOLE LENGTH		3
34103854	COASTAL ROAD, SOUTHPORT	WHOLE LENGTH		3
34100685	COBDEN ROAD, SOUTHPORT	RUSSELL ROAD	CANNING ROAD	2
34100687	COCKLE DICKS LANE, SOUTHPORT	CHURCHILL AVENUE	CAMBRIDGE ROAD	2
34100696	COLLEGE ROAD, CROSBY	WHOLE LENGTH		5
34100713	COOKS ROAD, CROSBY	WHOLE LENGTH		4
34100718	COPY LANE, NETHERTON	NORTHERN PERIMETER ROAD	ORMSKIRK ROAD	5
34100718	COPY LANE, NETHERTON	ALDRINS LANE	NORTHERN PERIMETER ROAD	5
34100728	CORONATION ROAD, CROSBY	WHOLE LENGTH		4
34100727	CORONATION ROAD, LYDIATE	WHOLE LENGTH		7
34100755	CRESCENT ROAD, BIRKDALE	BURLINGTON ROAD	GROSVENOR ROAD	3
34100757	CRESCENT ROAD, SEAFORTH	WHOLE LENGTH		4
34100765	CROSBY ROAD NORTH, WATERLOO	WHOLE LENGTH		4
34100766	CROSBY ROAD SOUTH, WATERLOO	WHOLE LENGTH		4
34100767	CROSBY ROAD SOUTH, SEAFORTH	WHOLE LENGTH		4
34100770	CROSS GREEN, FORMBY	WHOLE LENGTH		8
34100777	CROWLAND STREET, SOUTHPORT	CROWLAND CLOSE	RUSSELL ROAD	2
34100777	CROWLAND STREET, SOUTHPORT	CROWLAND CLOSE	BUTTS LANE	2
34100791	CUNSCOUGH LANE, MELLING	PRESCOT ROAD	BOUNDARY	7
34100795	CYPRESS ROAD, SOUTHPORT	SUSSEX ROAD	HAWKSHEAD STREET	1
34102383	DACRE STREET, BOOTLE	WHOLE LENGTH		6
34100807	DAMFIELD LANE, MAGHULL	WHOLE LENGTH		7
34100815	DAWLISH DRIVE, SOUTHPORT	SEATON WAY	TRURO AVENUE	2
34104224	DELAWARE ROAD, BOOTLE	BUS PARK	MARSH LANE	6
34100818	DE VILLIERS AVENUE, CROSBY	MOORLAND AVENUE	WOODEND AVENUE	5
34100821	DEANS GATE LANE, FORMBY	WATCHYARD LANE	SOUTHPORT ROAD	8
34100837	DERBY ROAD, SOUTHPORT	WHOLE LENGTH		1
34100836	DERBY ROAD, BOOTLE	WHOLE LENGTH		6
34100850	DEYES LANE, MAGHULL	WHOLE LENGTH		7
34100858	DODDS LANE, MAGHULL	WHOLE LENGTH		7
34100871	DOVER ROAD, MAGHULL	WHOLE LENGTH		7
34100874	DOWHILLS ROAD, CROSBY	HALL ROAD EAST	ST MICHAELS ROAD	4
34100887	DUKE STREET, SOUTHPORT	CEMETERY ROAD	SHAKESPEARE STREET	1
34100888	DUKE STREET, FORMBY	WHOLE LENGTH		8
34100896	DUNKIRK ROAD, BIRKDALE	CLIVE ROAD	BLUNDELL DRIVE	3
34100914	EAST LANE, INCE BLUNDELL	WHOLE LENGTH		5
34100920	EASTBANK STREET, SOUTHPORT	WHOLE LENGTH		1
34100923	EASTBOURNE ROAD, BIRKDALE	WHOLE LENGTH		1
34100924	EASTWAY, MAGHULL	WHOLE LENGTH		7
34100940	EDGE LANE, THORNTON	WHOLE LENGTH		4
34100947	EFFINGHAM STREET, BOOTLE	WHOLE LENGTH		6
34100949	ELBOW LANE, FORMBY	SUMNER ROAD	DUKE STREET	8
34103319	ELSWICK ROAD, SOUTHPORT	WHOLE LENGTH		2
34100972	ELVINGTON ROAD, HIGHTOWN	BLUNDELL ROAD	MARSTON CRESCENT	8
34100976	ENDBUTT LANE, CROSBY	WHOLE LENGTH		5

Alphabetical Road Listing

Table 3/7

USRN	GRIT LOCATION	ROAD FROM	ROAD TO	ROUTE NO
34100993	ESPLANADE, SOUTHPORT	WHOLE LENGTH		3
34100998	EVERARD ROAD, SOUTHPORT	WHOLE LENGTH		1
34101000	EVERTON ROAD, BIRKDALE	WHOLE LENGTH		1
34101002	EWART ROAD, SEAFORTH	WHOLE LENGTH		4
34101011	FAIRHAVEN ROAD, SOUTHPORT	FYLDE ROAD	LARKFIELD LANE	2
34103447	FAIRWAY, SOUTHPORT	WHOLE LENGTH		2
34101038	FERNHILL ROAD, BOOTLE	WHOLE LENGTH		4
34101046	FIELD LANE, LITHERLAND	SEFTON STREET	BRENDON AVENUE	4
34101061	FLEETWOOD ROAD, SOUTHPORT	RADNOR DRIVE	MARSHSIDE ROAD	2
34101062	FLEETWOODS LANE, NETHERTON	WHOLE LENGTH		5
34103283	FOLKESTONE ROAD, SOUTHPORT	WHOLE LENGTH		1
34101067	FORD LANE, LITHERLAND	WHOLE LENGTH		4
34101072	FOREST ROAD, SOUTHPORT	WHOLE LENGTH		1
34103742	FORMBY BRIDGE, FORMBY	WHOLE LENGTH		8
34101074	FORMBY BYPASS, FORMBY	WHOLE LENGTH		3,8
34101075	FORMBY BYPASS, INCE BLUNDELL	WHOLE LENGTH		3
34101088	FOXHOUSE LANE, MAGHULL	WHOLE LENGTH		7
34101092	FRESHFIELD ROAD, FORMBY	WHOLE LENGTH		8
34101100	FYLDE ROAD, SOUTHPORT	PRESTON NEW ROAD	SLAIDBURN CRESCENT	2
34101101	GAINSBOROUGH AVENUE, MAGHULL	WHOLE LENGTH		7
34101112	GARSTANG ROAD, SOUTHPORT	FYLDE ROAD	HORNBY ROAD	2
34101121	GIDDYGATE LANE, MELLING	WHOLE LENGTH		5
34101142	GLENCOYNE DRIVE, SOUTHPORT	TRURO AVENUE	FYLDE ROAD	2
34101144	GLENEAGLES DRIVE, AINSDALE	WHOLE LENGTH		3
34101153	GLOVERS LANE, NETHERTON	WHOLE LENGTH		5
34101166	GORES LANE, FORMBY	MASSAMS LANE	HALSALL LANE	8
34101173	GORSEY LANE, LITHERLAND	WHOLE LENGTH		4
34103744	GRANGE ROAD, NETHERTON	WHOLE LENGTH		5
34101203	GREEN LANE, THORNTON	WHOLE LENGTH		5
34101201	GREEN LANE, FORMBY	MASSAMS LANE	CHURCH ROAD	8
34101234	GROSVENOR ROAD, BIRKDALE	WHOLE LENGTH		3
34101243	GUILDFORD ROAD, BIRKDALE	WHOLE LENGTH		1
34101248	HAIG AVENUE, SOUTHPORT	FOREST ROAD	SCARISBRICK NEW ROAD	1
34101250	HAIGH ROAD, WATERLOO	WHOLE LENGTH		4
34101256	HALL LANE, MAGHULL	NORTHWAY	OLD HALL ROAD	5
34101256	HALL LANE, MAGHULL	NORTHWAY	LIVERPOOL ROAD SOUTH	7
34101256	HALL LANE, MAGHULL	DAMFIELD LANE	FOXHOUSE LANE	7
34101257	HALL ROAD EAST, CROSBY	DOWHILLS ROAD	HALL ROAD WEST	4
34101258	HALL ROAD WEST, BLUNDELLSANDS	HALL ROAD EAST	THE SERPENTINE NORTH	4
34101262	HALSALL LANE, FORMBY	GORES LANE	ROUNDAABOUT	8
34101263	HALSALL ROAD, BIRKDALE	LIVERPOOL ROAD	BOUNDARY	1
34101284	HARINGTON ROAD, FORMBY	WHOLE LENGTH		8
34101290	HARRIS DRIVE, BOOTLE	ENNERDALE DRIVE	ORRELL ROAD	4
34101294	HARROGATE WAY, SOUTHPORT	BANKS ROAD	SKIPTON AVENUE	2
34101298	HART STREET, SOUTHPORT	POPLAR STREET	NORWOOD ROAD	1
34101306	HARTWOOD ROAD, SOUTHPORT	ROE LANE	ST LUKES ROAD	1
34101314	HATTON HILL ROAD, LITHERLAND	WHOLE LENGTH		4
34101321	HAWKSHEAD STREET, SOUTHPORT	CYPRESS ROAD	MANCHESTER ROAD	1
34101332	HAWTHORNE ROAD, LITHERLAND	WHOLE LENGTH		4
34101331	HAWTHORNE ROAD, BOOTLE	WHOLE LENGTH		6
34101348	HEATHFIELD ROAD, BIRKDALE	WHOLE LENGTH		3
34101365	HESKETH ROAD, SOUTHPORT	WHOLE LENGTH		2
34101368	HEYSHAM ROAD, NETHERTON	DUNNINGSBRIDGE ROAD	LECKWITH ROAD	5
34101374	HIGH PARK PLACE, SOUTHPORT	WHOLE LENGTH		2
34101408	HOGHTON STREET, SOUTHPORT	WHOLE LENGTH		1
34101441	HORNBY ROAD, SOUTHPORT	ELSWICK ROAD	GARSTANG ROAD	2
34101478	INCE LANE, THORNTON	WHOLE LENGTH		8
34101480	INCE ROAD, THORNTON	WHOLE LENGTH		8
34101488	IRLAM ROAD, BOOTLE	MARSH LANE	STRAND ROAD	6
34101488	IRLAM ROAD, BOOTLE	STRAND ROAD	MERTON ROAD	6
34103820	ISLINGTON, CROSBY	WHOLE LENGTH		4
34103820	ISLINGTON (BUS LANE), CROSBY	WHOLE LENGTH		5
34101526	KENILWORTH ROAD, AINSDALE	WHOLE LENGTH		3
34101540	KENYONS LANE, LYDIATE	CORONATION ROAD	NORTHWAY	7

Alphabetical Road Listing

Table 4/7

USRN	GRIT LOCATION	ROAD FROM	ROAD TO	ROUTE NO
34101539	KENYONS LANE, FORMBY	CHURCH ROAD	WATCHYARD LANE	8
34101544	KERSLAKE WAY, HIGHTOWN	WHOLE LENGTH		8
34101550	KEW ROAD, BIRKDALE	WHOLE LENGTH		1
34101569	KINGS ROAD, FORMBY	WHOLE LENGTH		8
34101574	KINGSWAY, WATERLOO	WHOLE LENGTH		4
34101586	KIRKLAKE ROAD, FORMBY	WHOLE LENGTH		8
34101589	KIRKSTALL ROAD, BIRKDALE	WHOLE LENGTH		4
34101591	KIRKSTONE ROAD SOUTH, LITHERLAND	WHOLE LENGTH		4
34101592	KIRKSTONE ROAD WEST, LITHERLAND	HATTON HILL ROAD	FORD LANE	4
34101598	KNOWSLEY ROAD, SOUTHPORT	WHOLE LENGTH		2
34101595	KNOWSLEY ROAD, BOOTLE	WHOLE LENGTH		6
34101601	LADY GREEN LANE, INCE BLUNDELL	WHOLE LENGTH		5
34101602	LAMBSHEAR LANE, LYDIATE	SANDY LANE	LIVERPOOL ROAD	7
34101626	LARKFIELD LANE, SOUTHPORT	WHOLE LENGTH		2
34101645	LEATHERBARROWS LANE, MELLING	POVERTY LANE	WEAVERS LANE	5
34101647	LECKWITH ROAD, NETHERTON	WHOLE LENGTH		5
34101651	LEICESTER STREET, SOUTHPORT	WHOLE LENGTH		1
34101675	LINACRE LANE, BOOTLE	WHOLE LENGTH		4
34101677	LINACRE ROAD, LITHERLAND	WHOLE LENGTH		4
34101691	LITHERLAND ROAD, BOOTLE	MARSH LANE	MERTON ROAD	6
34103730	LITTLE CROSBY ROAD, LITTLE CROSBY	WHOLE LENGTH		5
34101695	LITTLE CROSBY ROAD, CROSBY	WHOLE LENGTH		5
34101697	LIVERPOOL AVENUE, AINSDALE	WHOLE LENGTH		3
34101701	LIVERPOOL ROAD, BIRKDALE	WHOLE LENGTH		1
34101700	LIVERPOOL ROAD, AINSDALE	WHOLE LENGTH		3
34101698	LIVERPOOL ROAD, CROSBY	WHOLE LENGTH		4
34101703	LIVERPOOL ROAD, LYDIATE	WHOLE LENGTH		7
34101706	LIVERPOOL ROAD, FORMBY	WHOLE LENGTH		8
34101707	LIVERPOOL ROAD NORTH, MAGHULL	WHOLE LENGTH		7
34101708	LIVERPOOL ROAD SOUTH, MAGHULL	WHOLE LENGTH		7
34101711	LONDON STREET, SOUTHPORT	WHOLE LENGTH		1
34101713	LONG LANE, THORNTON	WHOLE LENGTH		8
34101730	LORD STREET, SOUTHPORT	WHOLE LENGTH		1
34101732	LORD STREET WEST, SOUTHPORT	WHOLE LENGTH		1
34101738	LOWER ALT ROAD, HIGHTOWN	ROUNDAABOUT	SCHOOL LANE	8
34101744	LULWORTH ROAD, BIRKDALE	WHOLE LENGTH		1
34103758	LUNT ROAD, THORNTON	WHOLE LENGTH		5
34101753	LYDIATE LANE, THORNTON	WHOLE LENGTH		5
34101765	LYSTER ROAD, BOOTLE	WHOLE LENGTH		4
34101767	LYTHAM ROAD, SOUTHPORT	WHOLE LENGTH		2
34101771	MAGDALENE SQUARE, NETHERTON	WHOLE LENGTH		5
34101772	MAGHULL LANE, MELLING	WHOLE LENGTH		7
34101781	MANCHESTER ROAD, SOUTHPORT	WHOLE LENGTH		2
34101793	MANOR ROAD, SOUTHPORT	WHOLE LENGTH		2
34101794	MANOR ROAD, CROSBY	COOKS ROAD	ST. MICHAELS ROAD	4
34101811	MARINE DRIVE, SOUTHPORT	WHOLE LENGTH		2
34101812	MARINE PARADE, SOUTHPORT	WHOLE LENGTH		1
34101833	MARSH LANE, BOOTLE	WHOLE LENGTH		6
34101837	MARSHSIDE ROAD, SOUTHPORT	WHOLE LENGTH		2
34101838	MARSTON CRESCENT, HIGHTOWN	WHOLE LENGTH		8
34101848	MASEFIELD ROAD, CROSBY	NEWFIELD CLOSE	RUNNELLS LANE	5
34101850	MASSAMS LANE, FORMBY	GORES LANE	GREEN LANE	8
34101867	MEADOW LANE, AINSDALE	CHERRY ROAD	LIVERPOOL ROAD	3
34101873	MELLING LANE, MAGHULL	WHOLE LENGTH		7
34101876	MELLING ROAD, AINTREE	WHOLE LENGTH		5
34101883	MENAI ROAD, BOOTLE	WATTS LANE	FERNHILL ROAD	4
34101887	MEOLS COP ROAD, SOUTHPORT	WHOLE LENGTH		2
34101893	MERRILOCKS ROAD, BLUNDELLSANDS	WHOLE LENGTH		4
34101898	MERSEY ROAD, CROSBY	WHOLE LENGTH		4
34101899	MERSEY VIEW, WATERLOO	WHOLE LENGTH		4
34101905	MERTON ROAD, BOOTLE	WHOLE LENGTH		6
34101919	MILL LANE, SOUTHPORT	WHOLE LENGTH		2
34101921	MILL ROAD, AINSDALE	WHOLE LENGTH		3
34101927	MILLERS BRIDGE, BOOTLE	WHOLE LENGTH		6

Alphabetical Road Listing

Table 5/7

USRN	GRIT LOCATION	ROAD FROM	ROAD TO	ROUTE NO
34101950	MOOR LANE, CROSBY	MOORLAND AVENUE	QUARRY ROAD	5
34101950	MOOR LANE, CROSBY	RICHMOND ROAD	THE BYPASS	5
34101953	MOOR LANE, THORNTON	WHOLE LENGTH		8
34101951	MOOR LANE, INCE BLUNDELL	LADY GREEN LANE	SCAFFOLD LANE	8
34101957	MOORHEY ROAD, MAGHULL	DOVER ROAD	OLD HALL ROAD	7
34101959	MOORLAND AVENUE, CROSBY	MOOR LANE	DEVILLIERS AVENUE	5
34101975	MOSS LANE, SOUTHPORT	WHOLE LENGTH		2
34101976	MOSS LANE, LITTLE CROSBY	LITTLE CROSBY ROAD	ALT ROAD	5
34101977	MOSS LANE, LYDIATE	WHOLE LENGTH		7
34101973	MOSS LANE, MAGHULL	WHOLE LENGTH		7
34103450	MOSS LANE, HIGHTOWN	WHOLE LENGTH		8
34101974	MOSS LANE, BOOTLE	WHOLE LENGTH		6
34101992	MOUNT PLEASANT, WATERLOO	WHOLE LENGTH		4
34102026	NETHERTON WAY, BOOTLE	WHOLE LENGTH		4
34102029	NEVILL STREET, SOUTHPORT	WHOLE LENGTH		1
34102042	NEWFIELD CLOSE, CROSBY	WHOLE LENGTH		5
34102068	NORTH END LANE, INCE BLUNDELL	WHOLE LENGTH		8
34102072	NORTH ROAD, SOUTHPORT	WHOLE LENGTH		2
34102071	NORTHERN PERIMETER ROAD, NETHERTON	WHOLE LENGTH		5
34102074	NORTHFIELD ROAD, BOOTLE	LINACRE LANE	BOUNDARY	6
34102078	NORTHWAY, MAGHULL	WHOLE LENGTH		7
34102077	NORTHWAY, LYDIATE	WHOLE LENGTH		7
34102083	NORWOOD AVENUE, SOUTHPORT	WHOLE LENGTH		2
34102086	NORWOOD ROAD, SOUTHPORT	WHOLE LENGTH		1
34102095	OAKFIELD ROAD, HIGHTOWN	WHOLE LENGTH		8
34102099	OAKLANDS AVENUE, CROSBY	WHOLE LENGTH		5
34102109	OLD HALL ROAD, MAGHULL	WHOLE LENGTH		7
34102112	OLD PARK LANE, SOUTHPORT	WHOLE LENGTH		2
34102113	OLD RACECOURSE ROAD, MAGHULL	WHOLE LENGTH		7
34102127	ORCHARD LANE, AINSDALE	SANDBROOK ROAD	LIVERPOOL ROAD	3
34102130	ORIEL ROAD, BOOTLE	WHOLE LENGTH		6
34102135	ORMSKIRK ROAD, AINTREE	WHOLE LENGTH		6
34102139	ORRELL HILL LANE, INCE BLUNDELL	WHOLE LENGTH		5
34102140	ORRELL LANE, BOOTLE	BAILEY DRIVE	BOUNDARY	6
34102144	ORRELL ROAD, LITHERLAND	WHOLE LENGTH		4
34102143	ORRELL ROAD, BOOTLE	WHOLE LENGTH		6
34103304	OVINGTON DRIVE, SOUTHPORT	WHOLE LENGTH		1
34102160	OXFORD ROAD, WATERLOO	WHOLE LENGTH		4
34102159	OXFORD ROAD, BOOTLE	WHOLE LENGTH		6
34102178	PARK CRESCENT, SOUTHPORT	WHOLE LENGTH		2
34102173	PARK AVENUE, SOUTHPORT	WHOLE LENGTH		2
34102185	PARK LANE, BOOTLE	WHOLE LENGTH		4
34102182	PARK LANE, NETHERTON	WHOLE LENGTH		5
34102183	PARK LANE, MAGHULL	WHOLE LENGTH		7
34102186	PARK LANE WEST, NETHERTON	WHOLE LENGTH		5
34102190	PARK ROAD, SOUTHPORT	WHOLE LENGTH		2
34102189	PARK ROAD, FORMBY	WHOLE LENGTH		8
34103673	PARK ROAD WEST, SOUTHPORT	WHOLE LENGTH		2
34102196	PARK STREET, BOOTLE	HAWTHORNE ROAD	LITHERLAND ROAD	6
34102198	PARK VIEW, THORNTON	WHOLE LENGTH		8
34102201	PARK WALL ROAD, INCE BLUNDELL	BACK O'TH TOWN LANE	EAST LANE	5
34102232	PENDLE DRIVE, LITHERLAND	WHOLE LENGTH		4
34102244	PETERBOROUGH DRIVE, NETHERTON	ST OSWALDS LANE	MAGDELENE SQUARE	5
34102257	PILLING LANE, LYDIATE	WHOLE LENGTH		7
34102269	PINFOLD LANE, AINSDALE	LIVERPOOL ROAD	GLENEAGLES DRIVE	3
34102285	POPLAR STREET, SOUTHPORT	SUSSEX ROAD	HART STREET	1
34102288	PORTLAND STREET, SOUTHPORT	WALNUT STREET	CEDAR STREET	1
34102295	POVERTY LANE, MAGHULL	WHOLE LENGTH		5
34102297	PRESCOT ROAD, MELLING	WHOLE LENGTH		5
34102300	PRESTON NEW ROAD, SOUTHPORT	WHOLE LENGTH		2
34102317	PROMENADE, SOUTHPORT	WHOLE LENGTH		2
34102327	QUARRY ROAD, THORNTON	WHOLE LENGTH		5
34102335	QUEENS ROAD, SOUTHPORT	WHOLE LENGTH		2
34102334	QUEENS ROAD, FORMBY	WHOLE LENGTH		8

Alphabetical Road Listing

Table 6/7

USRN	GRIT LOCATION	ROAD FROM	ROAD TO	ROUTE NO
34102345	RADNOR DRIVE, SOUTHPORT	WHOLE LENGTH		2
34102360	RAVEN MEOLS LANE, FORMBY	WHOLE LENGTH		8
34102382	REGENT ROAD, BOOTLE	DOCK ENTRANCE	BOUNDARY	6
34102397	RICHMOND ROAD, CROSBY	WHOLE LENGTH		5
34102412	RIMROSE ROAD, BOOTLE	WHOLE LENGTH		4
34103488	ROCK LANE, MELLING	BREWERY LANE	TITHBARN LANE	5
34103488	ROCK LANE, MELLING	BREWERY LANE	MELLING LANE	5
34102432	ROE LANE, SOUTHPORT	WHOLE LENGTH		2
34102440	RONALD ROAD, WATERLOO	WHOLE LENGTH		4
34102447	ROSE HILL, SOUTHPORT	WHOLE LENGTH		1
34102465	ROTTEN ROW, SOUTHPORT	WHOLE LENGTH		3
34102475	RUFFORD ROAD, SOUTHPORT	WHOLE LENGTH		2
34102481	RUNNELLS LANE, CROSBY	WHOLE LENGTH		5
34102484	RUSSELL ROAD, SOUTHPORT	CROWLAND STREET	COBDEN ROAD	2
34102499	RYEGROUND LANE, FORMBY	WHOLE LENGTH		8
34102509	SANDBROOK ROAD, AINSDALE	MEADOW LANE	ORCHARD LANE	3
34102533	SANDRINGHAM ROAD, WATERLOO	WHOLE LENGTH		4
34102534	SANDY LANE, LYDIATE	MOSS LANE	LAMBSHEAR LANE	7
34102539	SANDY ROAD, SEAFORTH	CAMBRIDGE ROAD	PRINCESS WAY	4
34102543	SAUNDERS STREET, SOUTHPORT	KNOWSLEY ROAD	ALBERT ROAD	2
34102543	SAUNDERS STREET, SOUTHPORT	KNOWSLEY ROAD	PROMENADE	2
34102548	SCAFFOLD LANE, INCE BLUNDELL	WHOLE LENGTH		5
34102555	SCARISBRICK NEW ROAD, SOUTHPORT	WHOLE LENGTH		1
34102559	SCHOOL LANE, AINTREE	WHOLE LENGTH		5
34102558	SCHOOL LANE, MAGHULL	WHOLE LENGTH		7
34102562	SCHOOL LANE, FORMBY	ROUNDAABOUT	CHURCH ROAD	8
34102564	SCHOOL ROAD, HIGHTOWN	WHOLE LENGTH		8
34102581	SEAFORTH ROAD, SEAFORTH	WHOLE LENGTH		4
34103325	SEATON WAY, SOUTHPORT	WHOLE LENGTH		2
34102594	SEFTON LANE, MAGHULL	WHOLE LENGTH		4
34102598	SEFTON ROAD, BOOTLE	WHOLE LENGTH		4
34102597	SEFTON ROAD, LITHERLAND	WHOLE LENGTH		4
34102604	SEGARS LANE, AINSDALE	LIVERPOOL AVENUE	MILL ROAD	3
34102616	SHAKESPEARE STREET, SOUTHPORT	DUKE STREET	PORTLAND STREET	1
34102635	SHORE ROAD, AINSDALE	RAILWAY	COASTAL ROAD	3
34102649	SKIPTON AVENUE, SOUTHPORT	HARROGATE WAY	BANKS ROAD	2
34102653	SMITHY GREEN, FORMBY	WHOLE LENGTH		8
34102661	SONNING AVENUE, LITHERLAND	HATTON HILL ROAD	TWYFORD AVENUE	4
34102664	SOUTH PARADE, CROSBY	WHOLE LENGTH		4
34102665	SOUTH ROAD, WATERLOO	MOUNT PLEASANT	CROSBY ROAD NORTH	4
34102668	SOUTHBANK ROAD, SOUTHPORT	WALNUT STREET	TOWN LANE	1
34102675	SOUTHPORT ROAD, BOOTLE	WHOLE LENGTH		4
34102678	SOUTHPORT ROAD, LYDIATE	WHOLE LENGTH		7
34102679	SOUTHPORT ROAD, FORMBY	WHOLE LENGTH		8
34102693	SPENCERS LANE, MELLING	WHOLE LENGTH		5
34102748	ST JAMES STREET, SOUTHPORT	WHOLE LENGTH		1
34102759	ST LUKES CHURCH ROAD, FORMBY	WHOLE LENGTH		8
34102762	ST LUKES ROAD, SOUTHPORT	WHOLE LENGTH		1
34102767	ST MARYS ROAD, WATERLOO	WHOLE LENGTH		4
34102770	ST MICHAELS ROAD, CROSBY	LITTLE CROSBY ROAD	DOWHILLS ROAD	4
34102773	ST OSWALDS LANE, NETHERTON	PARK LANE WEST	GLOVERS LANE	5
34102773	ST OSWALDS LANE, NETHERTON	PETERBOROUGH DRIVE	GLOVERS LANE	5
34102780	ST PETERS ROAD, BIRKDALE	WHOLE LENGTH		1
34102804	STANLEY PARK, LITHERLAND	TWYFORD AVENUE	HATTON HILL ROAD	4
34102810	STANLEY ROAD, BOOTLE	WHOLE LENGTH		6
34102820	STATION ROAD, AINSDALE	WHOLE LENGTH		3
34102819	STATION ROAD, MAGHULL	WHOLE LENGTH		5
34102818	STATION ROAD, LYDIATE	WHOLE LENGTH		7
34102826	STERRIX LANE, LITHERLAND	WHOLE LENGTH		4
34102841	STRAND ROAD, BOOTLE	FREEPORT ENTRANCE	WASHINGTON PARADE	4
34102848	STUART ROAD, CROSBY	BROWNMOOR LANE	KINGSWAY	4
34102868	SUSSEX ROAD, SOUTHPORT	WHOLE LENGTH		1
34102884	TAILORS LANE, MAGHULL	WHOLE LENGTH		5
34102888	TANHOUSE ROAD, CROSBY	WHOLE LENGTH		5

Alphabetical Road Listing

Table 7/7

USRN	GRIT LOCATION	ROAD FROM	ROAD TO	ROUTE NO
34102909	THE BYPASS, CROSBY	WHOLE LENGTH		4
34102929	THE NORTHERN ROAD, CROSBY	WHOLE LENGTH		4
34102937	THE SERPENTINE, BLUNDELLSANDS	WHOLE LENGTH		4
34102938	THE SERPENTINE NORTH, BLUNDELLSANDS	WHOLE LENGTH		4
34102939	THE SERPENTINE SOUTH, BLUNDELLSANDS	MERRILOCKS ROAD	AGNES ROAD	4
34102954	THORNBECK AVENUE, HIGHTOWN	WHOLE LENGTH		8
34102963	THREE TUNS LANE, FORMBY	WHOLE LENGTH		8
34102970	TITHEBARN LANE, MELLING	WHOLE LENGTH		5
34102973	TITHEBARN ROAD, SOUTHPORT	HAWKSHEAD STREET	NORWOOD ROAD	2
34102978	TOWN LANE, SOUTHPORT	WHOLE LENGTH		1
34102978	TOWN LANE (KEW), SOUTHPORT	WHOLE LENGTH		1
34102997	TRURO AVENUE, SOUTHPORT	WHOLE LENGTH		2
34103008	TWYFORD AVENUE, LITHERLAND	SONNING AVENUE	STANLEY PARK	4
34103018	UPPER AUGHTON ROAD, BIRKDALE	AUGHTON ROAD	EVERTON ROAD	1
34103075	VERMONT WAY, BOOTLE	WASHINGTON PARADE	BUS PARK	6
34103046	VICTORIA ROAD, CROSBY	WHOLE LENGTH		5
34103044	VICTORIA ROAD, FORMBY	HARINGTON ROAD	GORES LANE	8
34103731	VICTORIA ROAD WEST, CROSBY	WHOLE LENGTH		5
34103675	VICTORIA WAY, SOUTHPORT	WHOLE LENGTH		1
34103049	VILLAGE WAY, HIGHTOWN	WHOLE LENGTH		8
34103055	VIRGINIA STREET, SOUTHPORT	WHOLE LENGTH		1
34103057	VIRGINS LANE, THORNTON	WHOLE LENGTH		8
34103061	WADDICAR LANE, MELLING	WHOLE LENGTH		5
34103063	WAKEFIELD ROAD, NETHERTON	WHOLE LENGTH		5
34103069	WALNUT STREET, SOUTHPORT	WHOLE LENGTH		1
34103075	WANGO LANE, AINTREE	SCHOOL LANE	BOUNDARY	5
34103077	WARD AVENUE, FORMBY	WHOLE LENGTH		8
34103082	WARREN ROAD, BLUNDELLSANDS	THE SERPENTINE SOUTH	MERSEY ROAD	4
34103093	WASHINGTON PARADE, BOOTLE	WHOLE LENGTH		6
34103094	WATCHYARD LANE, FORMBY	KENYONS LANE	DEANS GATE LANE	8
34103102	WATER LANE, SOUTHPORT	BANKS ROAD	BOUNDARY	2
34103104	WATER STREET, THORNTON	WHOLE LENGTH		5
34103106	WATERLOO ROAD, BIRKDALE	WHOLE LENGTH		3
34103115	WATTS LANE, BOOTLE	WHOLE LENGTH		4
34103484	WEAVERS LANE, MAGHULL	WHOLE LENGTH		5
34103126	WELD ROAD, BIRKDALE	LULWORTH ROAD	LIVERPOOL ROAD	1
34103149	WESTBOURNE ROAD, BIRKDALE	GROSVENOR ROAD	WESTCLIFFE ROAD	3
34103150	WESTCLIFFE ROAD, BIRKDALE	WHOLE LENGTH		1
34103152	WESTMINSTER DRIVE, AINSDALE	WHOLE LENGTH		3
34103161	WESTWAY, MAGHULL	WHOLE LENGTH		7
34103831	WIGHT MOSS WAY, SOUTHPORT	TOWN LANE KEW	PUMPING STATION	1
34103211	WINDSOR ROAD, SOUTHPORT	HAWKSHEAD STREET	HARTWOOD ROAD	2
34103227	WOODEND AVENUE, CROSBY	WHOLE LENGTH		5
34103233	WOODLANDS ROAD, FORMBY	WHOLE LENGTH		8
34103237	WOODVALE ROAD, AINSDALE	LIVERPOOL ROAD	CHERRY ROAD	3
34103264	ZETLAND STREET, SOUTHPORT	MANCHESTER ROAD	HAWKSHEAD STREET	2

APPENDIX H Exceptional Circumstances Summary of Roads Gritted

The table below shows an alphabetical list of all roads scheduled for gritting when salt conservation strategy is implemented due to continued adverse weather conditions resulting in any restriction of salt supplies as directed by the Government Salt Cell as and when required.

USRN	STREET_DESCRIPTOR	TOWN	ROUTE	SECTION	Road No
34100018	AINTREE LANE	AINTREE	8	WHOLE LENGTH	B5194
34103414	AINTREE ROAD	BOOTLE	8	WHOLE LENGTH	B5098
34100026	ALBERT ROAD	SOUTHPORT	2,3	WHOLE LENGTH	A565
34100063	ALT ROAD	HIGHTOWN		MOSS LANE TO KERSLAKE WAY	
34100066	ALTCAR ROAD	FORMBY	1	WHOLE LENGTH	B5195
34100117	ASH STREET	SOUTHPORT	2	WHOLE LENGTH	A5267
34100139	AUGHTON ROAD	BIRKDALE	2	WHOLE LENGTH	B5208
34100155	BACK LANE	LITTLE CROSBY	7	WHOLE LENGTH	
34100158	BACK O THE TOWN LANE	INCE BLUNDELL	7	WHOLE LENGTH	
34100168	BAILEY DRIVE	BOOTLE	5	WHOLE LENGTH	A5038
34100179	BALLIOL ROAD	BOOTLE	5	WHOLE LENGTH	A5038
34100189	BANK LANE	MELLING	4	PRESCOT ROAD TO BOUNDARY	A506
34100193	BANKFIELD LANE	SOUTHPORT	2	WHOLE LENGTH	B5244
34100194	BANKS ROAD	SOUTHPORT	3	WATER LANE TO BOUNDARY	
34103786	BENTHAMS WAY	SOUTHPORT	3	WHOLE LENGTH	
34100271	BERRY STREET	BOOTLE	8	WHOLE LENGTH	
34100316	BLUNDELL GROVE	HIGHTOWN	1	WHOLE LENGTH	
34100319	BLUNDELL ROAD	HIGHTOWN	1	VILLAGE WAY TO MARSTON CRES	
34100333	BOTANIC ROAD	SOUTHPORT	2,3	MILL LANE TO BANKFIELD LANE	B5244
34100336	BOUNDARY ROAD	LITHERLAND	6	WHOLE LENGTH	
34100360	BRASENOSE ROAD	BOOTLE	8	MILLERS BRIDGE TO BOUNDARY	B5138
34100364	BREEZE HILL	BOOTLE	5,8	HAWTHORNE ROAD TO BOUNDARY	A5058
34100373	BREWERY LANE	MELLING	4	WHOLE LENGTH	
34100375	BREWSTER STREET	BOOTLE	8	BEDFORD ROAD TO BOUNDARY	A5038
34100380	BRICKWALL LANE	SEFTON	6	NETHERTON LANE TO BYPASS	B5422
34100380	BRICKWALL LANE	SEFTON	6	LUNT LANE TO B5422	
34100387	BRIDGE ROAD	CROSBY	7	WHOLE LENGTH	
34100388	BRIDGE ROAD	LITHERLAND	6	LINACRE ROAD TO EATON AVENUE	A567
34100394	BRIDGES LANE	SEFTON	6,7	SEFTON LANE TO BYPASS	B5422
34100396	BRIDLE ROAD	NETHERTON	8	WHOLE LENGTH	
34100398	BRIDLE WAY	NETHERTON	8	WHOLE LENGTH	
34100425	BROOK ROAD	THORNTON	7	WHOLE LENGTH	
34100429	BROOK VALE	WATERLOO	7	WHOLE LENGTH	
34104369	BROOMS CROSS ROAD	NETHERTON	5,6,7	WHOLE LENGTH	A5758
34104370	BROOMS CROSS ROAD	SEFTON	4,6	WHOLE LENGTH	A5758
34104371	BROOMS CROSS ROAD	THORNTON	4,6,8	WHOLE LENGTH	A5758
34100449	BROWNMOOR LANE	CROSBY	7	WHOLE LENGTH	
34100452	BROWS LANE	FORMBY	1	WHOLE LENGTH	
34100462	BUCKLEY HILL LANE	SEFTON	6,7	WHOLE LENGTH	B5422
34100464	BULL BRIDGE LANE	AINTREE	8	WHOLE LENGTH	
34100484	BUSHBYS LANE	FORMBY	1	WHOLE LENGTH	
34100489	BUTTS LANE	SOUTHPORT	3	WHOLE LENGTH	
34100513	CAMBRIDGE ROAD	SEAFORTH	6,7	CROSBY RD STH TO SANDY ROAD	B5421
34100513	CAMBRIDGE ROAD	SEAFORTH	5	CROSBY RD STH TO WATERLOO ROAD	
34100514	CAMBRIDGE ROAD	SOUTHPORT	2,3	PARK CRES TO PRESTON NEW ROAD	A565
34100514	CAMBRIDGE ROAD	SOUTHPORT		PRESTON NEW RD TO BOTANIC ROAD	A5267
34100520	CANAL STREET	BOOTLE	8	WHOLE LENGTH	
34100552	CARR LANE	BIRKDALE	3	HEATHFIELD RD TO LIVERPOOL ROAD	
34100582	CEMETERY ROAD	SOUTHPORT	2	WHOLE LENGTH	A5267
34100594	CHAPEL LANE	FORMBY	1	WHOLE LENGTH	
34100625	CHESTERFIELD ROAD	CROSBY	7	MOOR LANE TO BROWNMOOR LANE	B5424
34100656	CLAREMONT ROAD	BIRKDALE	2	EVERTON ROAD TO KEW ROAD	
34103855	COASTAL ROAD	AINSDALE	1,2,3	WHOLE LENGTH	
34100683	COASTAL ROAD	BIRKDALE		WHOLE LENGTH	
34103854	COASTAL ROAD	SOUTHPORT		WHOLE LENGTH	
34100696	COLLEGE ROAD	CROSBY	7	WHOLE LENGTH	A5207
34100718	COPY LANE	NETHERTON	6,8	NORTHERN PERM RD TO ORMSKIRK RD	
34100728	CORONATION ROAD	CROSBY	7	WHOLE LENGTH	
34100757	CRESCENT ROAD	SEAFORTH	6	WHOLE LENGTH	
34100765	CROSBY ROAD NORTH	WATERLOO	7	WHOLE LENGTH	A565
34100767	CROSBY ROAD SOUTH	SEAFORTH		WHOLE LENGTH	

USRN	STREET_DESCRIPTOR	TOWN	ROUTE	SECTION	Road No
34100766	CROSBY ROAD SOUTH	WATERLOO	4,6,7	WHOLE LENGTH	A565
34100770	CROSS GREEN	FORMBY	1	WHOLE LENGTH	B5424
34100777	CROWLAND STREET	SOUTHPORT	3	BUTTS LANE TO CROWLAND CLOSE	
34100791	CUNSCOUGH LANE	MELLING	4	PRESCOT ROAD TO BOUNDARY	A506
34102383	DACRE STREET	BOOTLE	5	WHOLE LENGTH	
34100807	DAMFIELD LANE	MAGHULL	4	WHOLE LENGTH	
34100836	DERBY ROAD	BOOTLE	5	STRAND ROAD TO BOUNDARY	A565
34100837	DERBY ROAD	SOUTHPORT	3	WHOLE LENGTH	
34100850	DEYES LANE	MAGHULL	4	WHOLE LENGTH	
34100858	DODDS LANE	MAGHULL	4	WHOLE LENGTH	
34100888	DUKE STREET	FORMBY	1	WHOLE LENGTH	
34100914	EAST LANE	INCE BLUNDELL	7	WHOLE LENGTH	
34100920	EASTBANK STREET	SOUTHPORT	3	WHOLE LENGTH	A570
34100923	EASTBOURNE ROAD	BIRKDALE	2	WHOLE LENGTH	A5267
34100924	EASTWAY	MAGHULL	4	WHOLE LENGTH	
34100972	ELVINGTON ROAD	HIGHTOWN	1	BLUNDELL RD TO MARSTON CRESCENT	
34100976	ENDBUTT LANE	CROSBY	7	WHOLE LENGTH	
34100993	ESPLANADE	SOUTHPORT	3	WHOLE LENGTH	
34101000	EVERTON ROAD	BIRKDALE	2	WHOLE LENGTH	B5208
34101038	FERNHILL ROAD	BOOTLE	8	WHOLE LENGTH	
34101062	FLEETWOODS LANE	NETHERTON	6	WHOLE LENGTH	
34103742	FORMBY BRIDGE	FORMBY	1	WHOLE LENGTH	
34101074	FORMBY BYPASS	FORMBY	1	COASTAL ROAD TO NORTH END LANE	A565
34101075	FORMBY BYPASS	INCE BLUNDELL		WHOLE LENGTH	
34101088	FOXHOUSE LANE	MAGHULL	4	WHOLE LENGTH	
34101100	FYLDE ROAD	SOUTHPORT	3	PRESTON NEW RD TO SLAIDBURN CRES	
34101153	GLOVERS LANE	NETHERTON	6	WHOLE LENGTH	
34101173	GORSEY LANE	LITHERLAND	6	WHOLE LENGTH	B5422
34101203	GREEN LANE	THORNTON	7	WHOLE LENGTH	A5207
34101243	GUILDFORD ROAD	BIRKDALE	3	WHOLE LENGTH	B5243
34101250	HAIGH ROAD	WATERLOO	7	WHOLE LENGTH	
34101254	HALL LANE	LYDIATE	4	NORTHWAY TO LIVERPOOL ROAD	
34101256	HALL LANE	MAGHULL	4	CANAL TO FOXHOUSE LANE	
34101263	HALSALL ROAD	BIRKDALE	3	LIVERPOOL ROAD TO BOUNDARY	
34101290	HARRIS DRIVE	BOOTLE	6	ORRELL ROAD TO ENNERDALE DRIVE	
34101306	HARTWOOD ROAD	SOUTHPORT	2	ROE LANE TO ST LUKES ROAD	B5267
34101331	HAWTHORNE ROAD	BOOTLE	6,8	WHOLE LENGTH	B5110
34101332	HAWTHORNE ROAD	LITHERLAND	6,8	WHOLE LENGTH	
34101348	HEATHFIELD ROAD	BIRKDALE	3	WHOLE LENGTH	
34101368	HEYSHAM ROAD	NETHERTON	8	WHOLE LENGTH	
34101478	INCE LANE	THORNTON	7	WHOLE LENGTH	A565
34101480	INCE ROAD	THORNTON	7	WHOLE LENGTH	
34101488	IRLAM ROAD	BOOTLE	8	WHOLE LENGTH	A5057
34103820	ISLINGTON	CROSBY	7	WHOLE LENGTH	B5153
34101544	KERSLAKE WAY	HIGHTOWN	1	WHOLE LENGTH	
34101550	KEW ROAD	BIRKDALE	1	WHOLE LENGTH	B5243
34101574	KINGSWAY	WATERLOO	2	WHOLE LENGTH	
34101586	KIRKLAKE ROAD	FORMBY	7	WHOLE LENGTH	
34101591	KIRKSTONE ROAD SOUTH	LITHERLAND	1	WHOLE LENGTH	
34101595	KNOWSLEY ROAD	BOOTLE	6	WHOLE LENGTH	A566
34101601	LADY GREEN LANE	INCE BLUNDELL	7	WHOLE LENGTH	
34101647	LECKWITH ROAD	NETHERTON	8	WHOLE LENGTH	
34101651	LEICESTER STREET	SOUTHPORT	3	WHOLE LENGTH	B5245
34101675	LINACRE LANE	BOOTLE	5,6	WHOLE LENGTH	A566
34101677	LINACRE ROAD	LITHERLAND	6	WHOLE LENGTH	A567
34101691	LITHERLAND ROAD	BOOTLE	8	LINACRE LANE TO MERTON ROAD	
34101695	LITTLE CROSBY ROAD	LITTLE CROSBY	7	WHOLE LENGTH	B5193
34101697	LIVERPOOL AVENUE	AINSDALE	2	WHOLE LENGTH	A565
34101700	LIVERPOOL ROAD	AINSDALE	2	COASTAL ROAD TO LIVERPOOL AVENUE	A565
34101701	LIVERPOOL ROAD	BIRKDALE	2	LIVERPOOL AVE TO WATERLOO ROAD	A565
34101701	LIVERPOOL ROAD	BIRKDALE	2	WATERLOO RD TO EASTBOURNE ROAD	A5267
34101701	LIVERPOOL ROAD	BIRKDALE	2	EASTBOURNE RD TO ST PETERS ROAD	B5238
34101698	LIVERPOOL ROAD	CROSBY	7	CROSBY ROAD NORTH TO THE BYPASS	A565
34101706	LIVERPOOL ROAD	FORMBY		FORMBY BYPASS TO BOUNDARY	
34101706	LIVERPOOL ROAD	FORMBY	1	CROSS GREEN TO FORMBY BYPASS	A565
34101703	LIVERPOOL ROAD	LYDIATE	4	SOUTHPORT ROAD TO NORTHWAY	B5407
34101707	LIVERPOOL ROAD NORTH	MAGHULL	4	WHOLE LENGTH	A5147
34101708	LIVERPOOL ROAD SOUTH	MAGHULL	4,5,6,7,8	NORTHWAY TO LIVERPOOL RD NORTH	B5422
34101711	LONDON STREET	SOUTHPORT	3	WHOLE LENGTH	

USRN	STREET_DESCRIPTOR	TOWN	ROUTE	SECTION	Road No
34101730	LORD STREET	SOUTHPORT	2,3	WHOLE LENGTH	A565
34101732	LORD STREET WEST	SOUTHPORT	2	WHOLE LENGTH	A565
34101738	LOWER ALT ROAD	HIGHTOWN	1	ROUNDBOUT TO SCHOOL LANE	
34101744	LULWORTH ROAD	BIRKDALE	2	WHOLE LENGTH	A565
34101751	LUNT ROAD	SEFTON	6,7	EAST LANE TO LUNT LANE	
34101753	LYDIATE LANE	THORNTON	7	WHOLE LENGTH	A5207
34101772	MAGHULL LANE	MELLING	4	WHOLE LENGTH	
34101781	MANCHESTER ROAD	SOUTHPORT	3	WHOLE LENGTH	B5245
34101793	MANOR ROAD	SOUTHPORT	2,3	WHOLE LENGTH	A5267
34101811	MARINE DRIVE	SOUTHPORT	2	WHOLE LENGTH	
34101811	MARINE DRIVE	SOUTHPORT	2,3	WHOLE LENGTH	
34101833	MARSH LANE	BOOTLE	8	WHOLE LENGTH	A5098
34101837	MARSHSIDE ROAD	SOUTHPORT	3	WHOLE LENGTH	
34101838	MARSTON CRESCENT	HIGHTOWN	1	WHOLE LENGTH	
34101873	MELLING LANE	MAGHULL	4	WHOLE LENGTH	
34101876	MELLING ROAD	AINTREE	8	WHOLE LENGTH	
34101883	MENAI ROAD	BOOTLE	6	WATTS LANE TO FERNHILL ROAD	
34101887	MEOLS COP ROAD	SOUTHPORT	3	WHOLE LENGTH	B5276
34101898	MERSEY ROAD	CROSBY	7	WHOLE LENGTH	
34101899	MERSEY VIEW	BRIGHTON LE SANDS	7	WHOLE LENGTH	
34101905	MERTON ROAD	BOOTLE	8	WHOLE LENGTH	A5057
34101919	MILL LANE	SOUTHPORT	2,3	WHOLE LENGTH	A5267
34101921	MILL ROAD	AINSDALE	2	WHOLE LENGTH	
34101927	MILLERS BRIDGE	BOOTLE	5	WHOLE LENGTH	A5058
34101950	MOOR LANE	CROSBY	7	LIVERPOOL ROAD TO EDGE LANE	A565
34101951	MOOR LANE	INCE BLUNDELL	1	PARK WALL ROAD TO SCAFFOLD LANE	A565
34101974	MOSS LANE	BOOTLE		BAILEY DRIVE TO BOUNDARY	
34101976	MOSS LANE	LITTLE CROSBY	7	LITTLE CROSBY ROAD TO ALT ROAD	B5193
34101977	MOSS LANE	LYDIATE	4	WHOLE LENGTH	
34101973	MOSS LANE	MAGHULL	4	WHOLE LENGTH	
34101975	MOSS LANE	SOUTHPORT		MILL LANE TO BOUNDARY	
34101992	MOUNT PLEASANT	WATERLOO	7	WHOLE LENGTH	
34102026	NETHERTON WAY	BOOTLE	5,8	WHOLE LENGTH	A5038
34102068	NORTH END LANE	INCE BLUNDELL	1	WHOLE LENGTH	
34102071	NORTHERN PERIMETER ROAD	NETHERTON	6	WHOLE LENGTH	A5207
34102074	NORTHFIELD ROAD	BOOTLE	5,8	LINACRE LANE TO BOUNDARY	
34102077	NORTHWAY	LYDIATE		WHOLE LENGTH	
34102078	NORTHWAY	MAGHULL	4,5,8	WHOLE LENGTH	A59
34102083	NORWOOD AVENUE	SOUTHPORT	3	WHOLE LENGTH	B5276
34102086	NORWOOD ROAD	SOUTHPORT	3	WHOLE LENGTH	B5276
34102095	OAKFIELD ROAD	HIGHTOWN	1	WHOLE LENGTH	
34102130	ORIEL ROAD	BOOTLE		WHOLE LENGTH	B5190
34102135	ORMSKIRK ROAD	AINTREE	5	WHOLE LENGTH	A59
34102139	ORRELL HILL LANE	INCE BLUNDELL	1	WHOLE LENGTH	B5193
34102140	ORRELL LANE	BOOTLE	8	BAILEY DRIVE TO BOUNDARY	
34102143	ORRELL ROAD	BOOTLE		WHOLE LENGTH	
34102144	ORRELL ROAD	LITHERLAND	6	WHOLE LENGTH	
34102159	OXFORD ROAD	BOOTLE	8	WHOLE LENGTH	
34102160	OXFORD ROAD	WATERLOO	7	WHOLE LENGTH	
34102173	PARK AVENUE	SOUTHPORT	3	WHOLE LENGTH	
34102178	PARK CRESCENT	SOUTHPORT	2	WHOLE LENGTH	B5280
34102185	PARK LANE	BOOTLE	8	WHOLE LENGTH	
34102182	PARK LANE	NETHERTON	4	WHOLE LENGTH	
34102186	PARK LANE WEST	NETHERTON	6	WHOLE LENGTH	
34102190	PARK ROAD	SOUTHPORT	3	WHOLE LENGTH	
34103673	PARK ROAD WEST	SOUTHPORT	3	WHOLE LENGTH	
34102198	PARK VIEW	THORNTON	7	WHOLE LENGTH	A565
34102201	PARK WALL ROAD	INCE BLUNDELL	7	BACK O'TH TOWN LANE TO EAST LANE	
34102257	PILLING LANE	LYDIATE	4	WHOLE LENGTH	
34102297	PRESCOT ROAD	MELLING	4	CUNSCOUGH LANE TO BOUNDARY	A506
34102300	PRESTON NEW ROAD	SOUTHPORT	2,3	WHOLE LENGTH	A565
34102317	PROMENADE	SOUTHPORT	3	WHOLE LENGTH	B5245
34102327	QUARRY ROAD	THORNTON	7	WHOLE LENGTH	A565
34102335	QUEENS ROAD	SOUTHPORT	3	WHOLE LENGTH	B5280
34102360	RAVEN MEOLS LANE	FORMBY	1	WHOLE LENGTH	
34102382	REGENT ROAD	BOOTLE	5,6	WHOLE LENGTH	A5036
34102412	RIMROSE ROAD	BOOTLE	5,6,8	WHOLE LENGTH	A565
34103488	ROCK LANE	MELLING	4	MELLING LANE TO BREWERY LANE	
34102432	ROE LANE	SOUTHPORT	2,3	WHOLE LENGTH	A5267

USRN	STREET_DESCRIPTOR	TOWN	ROUTE	SECTION	Road No
34102440	RONALD ROAD	WATERLOO	7	WHOLE LENGTH	
34102447	ROSE HILL	SOUTHPORT	2	WHOLE LENGTH	A5267
34102475	RUFFORD ROAD	SOUTHPORT	2	WHOLE LENGTH	B5244
34102499	RYEGROUND LANE	FORMBY	1	WHOLE LENGTH	B5424
34102533	SANDRINGHAM ROAD	WATERLOO	6	WHOLE LENGTH	B5421
34102539	SANDY ROAD	SEAFORTH	6	CAMBRIDGE ROAD TO PRINCESS WAY	B5421
34102543	SAUNDERS STREET	SOUTHPORT	3	KNOWSLEY ROAD TO ALBERT ROAD	
34102548	SCAFFOLD LANE	INCE BLUNDELL	1,7	MOOR LANE TO NEW CAUSEWAY	A565
34102555	SCARISBRICK NEW ROAD	SOUTHPORT	3	EASTBANK STREET TO BOUNDARY	A570
34102559	SCHOOL LANE	AINTREE	8	WHOLE LENGTH	B5194
34102558	SCHOOL LANE	MAGHULL	4	WHOLE LENGTH	
34102594	SEFTON LANE	MAGHULL	6,7	WHOLE LENGTH	B5422
34102597	SEFTON ROAD	LITHERLAND	6	WHOLE LENGTH	B5422
34102604	SEGARS LANE	AINSDALE	3	LIVERPOOL AVENUE TO BOUNDARY	
34102665	SOUTH ROAD	WATERLOO	7	MOUNT PLEASANT TO CROSBY RD NTH	
34102675	SOUTHPORT ROAD	BOOTLE	5,8	WHOLE LENGTH	A5038
34102679	SOUTHPORT ROAD	FORMBY	3	WHOLE LENGTH	B5424
34102678	SOUTHPORT ROAD	LYDIATE	4	WHOLE LENGTH	A5147
34102676	SOUTHPORT ROAD	THORNTON	8	WHOLE LENGTH	A565
34102693	SPENCERS LANE	MELLING	4,8	WHOLE LENGTH	
34102759	ST LUKES CHURCH ROAD	FORMBY	1	KIRKLAKE ROAD TO LIFEBOAT ROAD	
34102762	ST LUKES ROAD	SOUTHPORT	2	WHOLE LENGTH	A5267
34102767	ST MARYS ROAD	WATERLOO	7	WHOLE LENGTH	
34102773	ST OSWALDS LANE	NETHERTON	6	PARK LANE WEST TO GLOVERS LANE	
34102780	ST PETERS ROAD	BIRKDALE	2	WHOLE LENGTH	B5208
34102810	STANLEY ROAD	BOOTLE	6,8	WHOLE LENGTH	A567
34102820	STATION ROAD	AINSDALE	2	WHOLE LENGTH	
34102818	STATION ROAD	LYDIATE	4	SOUTHPORT ROAD TO PUNNELL LANE	
34102819	STATION ROAD	MAGHULL	4	HALL LANE TO RAILWAY	
34102826	STERRIX LANE	LITHERLAND	6	WHOLE LENGTH	
34102841	STRAND ROAD	BOOTLE	6,8	REGENT ROAD TO WASHINGTON PDE	A5057
34102848	STUART ROAD	CROSBY	7	KINGSWAY TO BROWNMOR LANE	
34102868	SUSSEX ROAD	SOUTHPORT	3	WHOLE LENGTH	
34102884	TAILORS LANE	MAGHULL	4	WHOLE LENGTH	
34102909	THE BYPASS	CROSBY	7	WHOLE LENGTH	A565
34102929	THE NORTHERN ROAD	CROSBY	7	WHOLE LENGTH	
34102954	THORNBECK AVENUE	HIGHTOWN	1	WHOLE LENGTH	
34102963	THREE TUNS LANE	FORMBY	1	WHOLE LENGTH	
34102978	TOWN LANE	SOUTHPORT	3	WHOLE LENGTH	
34103018	UPPER AUGHTON ROAD	BIRKDALE	2	AUGHTON ROAD TO EVERTON ROAD	B5208
34103046	VICTORIA ROAD	CROSBY	5,7	WHOLE LENGTH	
34103675	VICTORIA WAY	SOUTHPORT	2	WHOLE LENGTH	
34103057	VIRGINS LANE	THORNTON	7	WHOLE LENGTH	
34103061	WADDICAR LANE	MELLING	4	WHOLE LENGTH	
34103063	WAKEFIELD ROAD	NETHERTON	8	WHOLE LENGTH	
34103075	WANGO LANE	AINTREE	8	SCHOOL LANE TO BOUNDARY	B5194
34103093	WASHINGTON PARADE	BOOTLE	8	WHOLE LENGTH	B5191
34103102	WATER LANE	SOUTHPORT	2	BANKS ROAD TO BOUNDARY	A565
34103106	WATERLOO ROAD	BIRKDALE	2	WHOLE LENGTH	A565
34103115	WATTS LANE	BOOTLE	5	WHOLE LENGTH	
34103161	WESTWAY	MAGHULL	4	NORTHWAY TO LIVERPOOL RD NORTH	A5147

APPENDIX I List of Available Resources

Internal Resources

Locality Services - Provision has approximately 140 staff that may be available to be redeployed onto snow clearance if their substantive role is suspended by their director. This could potentially be supplemented by another 50 staff from Leisure activities and Coast. These staff could potentially be deployed to clear snow and spread grit at the locations detailed in the grit bins section above. This would negate to need to involve private citizens **and therefore reduce the Council's risk. These services currently have** 1 small tractor at Botanic Gardens, 2 4x4 tractors one Bobcat and 7 Landrovers at Ainsdale Discovery Centre, 6 small gritting spreading machines (3 North & 3 South) plus a snow plough attachment for the bobcat & forklift truck and 1 large spreader unit for the use on a 7.5 Tonne vehicle. Some or all of these operatives and equipment may be utilized as required at no additional cost to the Council.

In addition to this, snow plough blades have been purchased for the footway gritters. This will allow for a much quicker and more suitable response to snow clearance from footways. The first priority will remain the agreed footway routes; however this provision could then be targeted at other key locations to assist with snow clearance.

Such operations will require additional grit supplies and further stocks will be purchased and retained for particular use in an extreme weather event as available.

External Resources

The following contractors have resources available to assist the Council during an extreme weather event. They have identified both equipment and operatives for the Council to call on:

- Popes (Hightown) Ltd.
- Dowhigh
- King Construction
- The Landscape Group
- RM Services

Confidential information regarding call out contact numbers and costs are held separately to this document

APPENDIX J Additional Carriageway Snow Ploughing Locations

The table below shows an alphabetical list by town of all roads scheduled for ploughing after an extreme weather event.

ROAD NAME	TOWN	SECTION	CARRIAGEWAY	Route
CHERRY ROAD	AINSDALE	WHOLE LENGTH	NORTHBOUND	3
COASTAL ROAD	AINSDALE	WHOLE LENGTH	SOUTHBOUND	3
GLENEAGLES DRIVE	AINSDALE	WHOLE LENGTH	NORTHBOUND	3
KENILWORTH ROAD	AINSDALE	GLENEAGLES DRIVE TO SHORE ROAD	WESTBOUND	3
LIVERPOOL ROAD	AINSDALE	STATION ROAD TO LIVERPOOL AVENUE	EASTBOUND	3
LIVERPOOL ROAD	AINSDALE	LIVERPOOL AVENUE TO STATION ROAD	NORTHBOUND & SOUTHBOUND	3
LIVERPOOL ROAD	AINSDALE	LIVERPOOL AVENUE TO WATERLOO ROAD	NORTHBOUND	3
MEADOW LANE	AINSDALE	CHERRY ROAD TO SANDBROOK ROAD	WESTBOUND	3
MILL ROAD	AINSDALE	WHOLE LENGTH	SOUTHBOUND	3
ORCHARD LANE	AINSDALE	WHOLE LENGTH	WESTBOUND	3
PINFOLD LANE	AINSDALE	LIVERPOOL ROAD TO GLENEAGLES DRIVE	WESTBOUND	3
SANDBROOK ROAD	AINSDALE	MEADOW LANE TO ORCHARD LANE	NORTHBOUND	3
SEGARS LANE	AINSDALE	MILL ROAD TO LIVERPOOL AVENUE	WESTBOUND	3
SHORE ROAD	AINSDALE	KENILWORTH ROAD TO STATION ROAD	EASTBOUND	3
STATION ROAD	AINSDALE	WHOLE LENGTH	EASTBOUND	3
WOODVALE ROAD	AINSDALE	LIVERPOOL ROAD TO CHERRY ROAD	EASTBOUND	3
COASTAL ROAD	BIRKDALE	WHOLE LENGTH	SOUTHBOUND	3
GUILDFORD ROAD	BIRKDALE	CARR LANE TO HALSALL ROAD	SOUTHBOUND	1
GUILDFORD ROAD	BIRKDALE	HALSALL ROAD TO BENTHAMS WAY	NORTHBOUND	1
HEATHFIELD ROAD	BIRKDALE	WHOLE LENGTH	SOUTHBOUND	3
LIVERPOOL ROAD	BIRKDALE	WINDY HARBOUR ROAD TO HALSALL ROAD	NORTHBOUND	1
LIVERPOOL ROAD	BIRKDALE	HALSALL ROAD TO CRESCENT ROAD	SOUTHBOUND	1
LIVERPOOL ROAD	BIRKDALE	ST PETERS ROAD TO WELD ROAD	NORTHBOUND	3
LULWORTH ROAD	BIRKDALE	WATERLOO ROAD TO WELD ROAD	NORTHBOUND	3
LULWORTH ROAD	BIRKDALE	LORD STREET WEST TO WELD ROAD	SOUTHBOUND	1
WATERLOO ROAD	BIRKDALE	WHOLE LENGTH	NORTHBOUND	3
WELD ROAD	BIRKDALE	LIVERPOOL ROAD TO LULWORTH ROAD	WESTBOUND	3
DERBY ROAD	BOOTLE	BOUNDARY TO DACRE STREET	NORTHBOUND	6
HAWTHORNE ROAD	BOOTLE	KINGFISHER ESTATE TO LINACRE LANE	SOUTHBOUND	6
HAWTHORNE ROAD	BOOTLE	AINTREE ROAD TO LINACRE LANE	NORTHBOUND	6
HAWTHORNE ROAD	BOOTLE	AINTREE ROAD TO PARK STREET	SOUTHBOUND	6
HAWTHORNE ROAD	BOOTLE	MERTON ROAD TO PARK STREET	NORTHBOUND	6
HAWTHORNE ROAD	BOOTLE	BOUNDARY TO BALLIOL ROAD	NORTHBOUND	6
STANLEY ROAD	BOOTLE	LINACRE LANE TO LINACRE ROAD	NORTHBOUND	4
STANLEY ROAD	BOOTLE	BALLIOL ROAD TO BOUNDARY	SOUTHBOUND	6
MERSEY VIEW	BRIGHTON LE SANDS	WHOLE LENGTH	NORTHBOUND	4
BRIDGE ROAD	CROSBY	WHOLE LENGTH	NORTHBOUND	4
CORONATION ROAD	CROSBY	WHOLE LENGTH	EASTBOUND	4
EDGE LANE	CROSBY	WHOLE LENGTH	EASTBOUND	4
MERSEY ROAD	CROSBY	WHOLE LENGTH	EASTBOUND	4
MOOR LANE	CROSBY	WHOLE LENGTH	EASTBOUND	4
RICHMOND ROAD	CROSBY	WHOLE LENGTH	WESTBOUND	4
RUNNELLS LANE	CROSBY	EDGE LANE TO MASEFIELD ROAD	EASTBOUND	4
THE BYPASS	CROSBY	WHOLE LENGTH	EASTBOUND	4
BUSHBYS LANE	FORMBY	WHOLE LENGTH	EASTBOUND	8
CHURCH ROAD	FORMBY	WHOLE LENGTH	NORTHBOUND	8
DUKE STREET	FORMBY	THREE TUNS LANE TO ELBOW LANE	WESTBOUND	8
ELBOW LANE	FORMBY	WHOLE LENGTH	SOUTHBOUND	8
GORES LANE	FORMBY	VICTORIA ROAD TO HALSALL LANE	SOUTHBOUND	8

ROAD NAME	TOWN	SECTION	CARRIAGEWAY	Route
HALSALL LANE	FORMBY	WHOLE LENGTH	SOUTHBOUND	8
HARINGTON ROAD	FORMBY	WHOLE LENGTH	SOUTHBOUND	8
KIRKLAKE ROAD	FORMBY	WOODLANDS ROAD TO ST LUKES CHURCH ROAD	WESTBOUND	8
RAVEN MEOLS LANE	FORMBY	KINGS ROAD TO LIVERPOOL ROAD	EASTBOUND	8
RYEGROUND LANE	FORMBY	WHOLE LENGTH	EASTBOUND	8
SOUTHPORT ROAD	FORMBY	RYEGROUND LANE TO DEANS GATE LANE	EASTBOUND	8
ST LUKES CHURCH ROAD	FORMBY	KIRKLAKE ROAD TO BUSHBYS LANE	SOUTHBOUND	8
THREE TUNS LANE	FORMBY	WHOLE LENGTH	SOUTHBOUND	8
VICTORIA ROAD	FORMBY	FRESHFIELD ROAD TO HARINGTON ROAD	WESTBOUND	8
WARD AVENUE	FORMBY	WHOLE LENGTH	NORTHBOUND & SOUTHBOUND	8
WOODLANDS ROAD	FORMBY	WHOLE LENGTH	SOUTHBOUND	8
MOSS LANE	HIGHTOWN	ORRELL HILL LANE TO NORTHEND LANE	NORTHBOUND	8
MOOR LANE	INCE BLUNDELL	SCAFFOLD LANE TO INCE LANE	SOUTHBOUND	8
NORTH END LANE	INCE BLUNDELL	WHOLE LENGTH	NORTHBOUND	8
ORRELL HILL LANE	INCE BLUNDELL	WHOLE LENGTH	WESTBOUND	8
BRIDGE ROAD	LITHERLAND	LINACRE ROAD TO ROUNDABOUT	WESTBOUND	4
GORSEY LANE	LITHERLAND	WHOLE LENGTH	NORTHBOUND	4
HAWTHORNE ROAD	LITHERLAND	CHURCH ROAD TO KINGFISHER ESTATE	SOUTHBOUND	6
LINACRE ROAD	LITHERLAND	WHOLE LENGTH	NORTHBOUND	4
ORRELL ROAD	LITHERLAND	WHOLE LENGTH	SOUTHBOUND	6
SEFTON ROAD	LITHERLAND	HAWTHORNE ROAD TO GORSEY LANE	NORTHBOUND	4
LIVERPOOL ROAD NORTH	MAGHULL	WESTWAY TO LIVERPOOL ROAD SOUTH	SOUTHBOUND	7
LIVERPOOL ROAD SOUTH	MAGHULL	NORTHWAY TO HALL LANE	NORTHBOUND	7
LIVERPOOL ROAD SOUTH	MAGHULL	LIVERPOOL ROAD NORTH TO GREEN LANE	WESTBOUND	7
ALMONDS TURN	NETHERTON	WHOLE LENGTH	NORTHBOUND	5
COPY LANE	NETHERTON	CHAPEL LANE TO NORTHERN PERIMETER ROAD	EASTBOUND	5
FLEETWOODS LANE	NETHERTON	WHOLE LENGTH	EASTBOUND	5
GLOVERS LANE	NETHERTON	FLEETWOODS LANE TO MAGDALENE SQUARE	EASTBOUND	5
NORTHERN PERIMETER ROAD	NETHERTON	COPY LANE TO CHAPEL LANE	WESTBOUND	5
CHURCH ROAD	SEAFORTH	CRESCENT ROAD TO SEAFORTH ROAD	EASTBOUND	4
CRESCENT ROAD	SEAFORTH	WHOLE LENGTH	SOUTHBOUND	4
CROSBY ROAD SOUTH	SEAFORTH	PRINCESS WAY SLIP ROADS	SOUTHBOUND	4
EWART ROAD	SEAFORTH	WHOLE LENGTH	SOUTHBOUND	4
SANDY ROAD	SEAFORTH	EWART ROAD TO CAMBRIDGE ROAD	NORTHBOUND	4
SEAFORTH ROAD	SEAFORTH	CHURCH ROAD TO BRIDGE ROAD	NORTHBOUND	4
BUCKLEY HILL LANE	SEFTON	ALMONDS TURN TO LYDIATE LANE	NORTHBOUND	4
EDGE LANE	SEFTON	WHOLE LENGTH	EASTBOUND	4
ASH STREET	SOUTHPORT	SOUTHBANK ROAD TO SCARISBRISK NEW ROAD	SOUTHBOUND	1
BANKFIELD LANE	SOUTHPORT	WHOLE LENGTH	SOUTHBOUND	2
BENTHAMS WAY	SOUTHPORT	WHOLE LENGTH	NORTHBOUND	1
BISPHAM ROAD	SOUTHPORT	CANNING ROAD TO OLD PARK LANE	SOUTHBOUND	2
BOTANIC ROAD	SOUTHPORT	BANKFIELD LANE TO CAMBRIDGE ROAD	SOUTHBOUND	2
BOTANIC ROAD	SOUTHPORT	MANOR ROAD TO MILL LANE	EASTBOUND	2
CAMBRIDGE ROAD	SOUTHPORT	PARK CRESCENT TO HESKETH ROAD	NORTHBOUND	2
CAMBRIDGE ROAD	SOUTHPORT	COCKLE DICKS LANE TO MARSHSIDE ROAD	SOUTHBOUND	2
CAMBRIDGE ROAD	SOUTHPORT	BOTANIC ROAD TO MANOR ROAD	SOUTHBOUND	2
CANNING ROAD	SOUTHPORT	WHOLE LENGTH	SOUTHBOUND	2
CEMETERY ROAD	SOUTHPORT	EASTBOURNE ROAD TO SOUTHBANK ROAD	SOUTHBOUND	1
CHURCH STREET	SOUTHPORT	WHOLE LENGTH	EASTBOUND	1
COASTAL ROAD	SOUTHPORT	WHOLE LENGTH	SOUTHBOUND	3
COBDEN ROAD	SOUTHPORT	RUSSELL ROAD TO CANNING ROAD	SOUTHBOUND	2
CROWLAND STREET	SOUTHPORT	CANNING ROAD TO RUSSELL ROAD	EASTBOUND	2
DUKE STREET	SOUTHPORT	CEMETERY ROAD TO SHAKESPEARE STREET	NORTHBOUND	1
EASTBANK STREET	SOUTHPORT	WHOLE LENGTH	SOUTHBOUND	1

ROAD NAME	TOWN	SECTION	CARRIAGEWAY	Route
EASTBANK STREET SQUARE	SOUTHPORT	WHOLE LENGTH	SOUTHBOUND	1
ELSWICK ROAD	SOUTHPORT	WHOLE LENGTH	EASTBOUND	2
FOREST ROAD	SOUTHPORT	WHOLE LENGTH	EASTBOUND	1
FYLDE ROAD	SOUTHPORT	PRESTON NEW ROAD TO GARSTANG ROAD	SOUTHBOUND	2
GARSTANG ROAD	SOUTHPORT	HORNBY ROAD TO SEATON WAY	NORTHBOUND	2
HAIG AVENUE	SOUTHPORT	FOREST ROAD TO SCARISBRICK NEW ROAD	SOUTHBOUND	1
HAWKSHEAD STREET	SOUTHPORT	MANCHESTER ROAD TO CYPRESS ROAD	EASTBOUND	1
HIGH PARK PLACE	SOUTHPORT	ROE LANE TO OLD PARK LANE	SOUTHBOUND	2
HOGHTON STREET	SOUTHPORT	LONDON STREET TO UNION STREET	NORTHBOUND	1
HOGHTON STREET	SOUTHPORT	UNION STREET TO MANCHESTER ROAD	SOUTHBOUND	1
HORNBY ROAD	SOUTHPORT	ELSWICK ROAD TO GARSTANG ROAD	SOUTHBOUND	2
LEICESTER STREET	SOUTHPORT	HOGHTON STREET TO LORD STREET	NORTHBOUND	2
LORD STREET	SOUTHPORT	LONDON SQUARE TO EASTBANK STREET SQUARE	SOUTHBOUND	1
LORD STREET WEST	SOUTHPORT	WHOLE LENGTH	SOUTHBOUND	1
MANCHESTER ROAD	SOUTHPORT	WHOLE LENGTH	WESTBOUND	2
MANOR ROAD	SOUTHPORT	CAMBRIDGE ROAD TO BOTANIC ROAD	SOUTHBOUND	2
MARINE DRIVE	SOUTHPORT	FAIRWAYS TO PRESTON NEW ROAD	NORTHBOUND	2
MARSHSIDE ROAD	SOUTHPORT	RADNOR DRIVE TO ELSWICK ROAD	NORTHBOUND	2
MARSHSIDE ROAD	SOUTHPORT	RADNOR DRIVE TO PRESTON NEW ROAD	SOUTHBOUND	2
MILL LANE	SOUTHPORT	WHOLE LENGTH	SOUTHBOUND	2
NORWOOD ROAD	SOUTHPORT	TITHEBARN ROAD TO SUSSEX ROAD	SOUTHBOUND	2
OLD PARK LANE	SOUTHPORT	WHOLE LENGTH	SOUTHBOUND	2
PARK CRESCENT	SOUTHPORT	PARK ROAD TO PARK AVENUE	NORTHBOUND	2
PRESTON NEW ROAD	SOUTHPORT	WHOLE LENGTH	NORTHBOUND	2
QUEENS ROAD	SOUTHPORT	WHOLE LENGTH	SOUTHBOUND	2
ROE LANE	SOUTHPORT	MILL LANE TO PARK AVENUE	WESTBOUND	2
RUFFORD ROAD	SOUTHPORT	WHOLE LENGTH	SOUTHBOUND	2
RUSSELL ROAD	SOUTHPORT	CROWLAND STREET TO COBDEN ROAD	NORTHBOUND	2
SCARISBRICK NEW ROAD	SOUTHPORT	HAIG AVENUE TO TOWN LANE KEW	EASTBOUND	1
SCARISBRICK NEW ROAD	SOUTHPORT	ASH STREET TO ST JAMES STREET	WESTBOUND	1
SHAKESPEARE STREET	SOUTHPORT	DUKE STREET TO ST JAMES STREET	NORTHBOUND	1
ST JAMES STREET	SOUTHPORT	WHOLE LENGTH	NORTHBOUND	1
SUSSEX ROAD	SOUTHPORT	CHURCH STREET TO CYPRESS ROAD	EASTBOUND	1
TITHEBARN ROAD	SOUTHPORT	WHOLE LENGTH	WESTBOUND	2
TOWN LANE KEW	SOUTHPORT	WHOLE LENGTH	NORTHBOUND	1
VIRGINIA STREET	SOUTHPORT	WHOLE LENGTH	NORTHBOUND	1
INCE LANE	THORNTON	WHOLE LENGTH	SOUTHBOUND	8
PARK VIEW	THORNTON	WHOLE LENGTH	NORTHBOUND	4
QUARRY ROAD	THORNTON	WHOLE LENGTH	NORTHBOUND	4
WATER STREET	THORNTON	WHOLE LENGTH	NORTHBOUND	4
CROSBY ROAD NORTH	WATERLOO	WHOLE LENGTH	SOUTHBOUND	4
CROSBY ROAD SOUTH	WATERLOO	GREAT GEORGES ROAD TO CAMBRIDGE ROAD	SOUTHBOUND	4
MOUNT PLEASANT	WATERLOO	WHOLE LENGTH	NORTHBOUND	4
OXFORD ROAD	WATERLOO	WHOLE LENGTH	NORTHBOUND	4
SOUTH ROAD	WATERLOO	CROSBY ROAD NORTH TO MOUNT PLEASANT	WESTBOUND	4

APPENDIX K Carriageway Snow Ploughing Routes

Carriageway snow ploughing routes have been designed and optimised to maximise efficiency. The additional routes cover a total of 96 miles, representing 16% of the total carriageway network which will be ploughed only when extreme weather has occurred. There are three additional ploughing routes plus amendments to two gritting routes (5P and 6P). For an alphabetical listing of roads ploughed in extreme weather events please see Appendix J.

MAGHULL DEPOT ADDITIONAL PLOUGHING ROUTE 1 Table 1/2		
LOAD: 4.16 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2 m, for post plough gritting ONLY.	PLOUGHING MILEAGE	35.91
ROUTE	DIRECTION	REMARKS
Start at Damfield Lane	Across onto	
Liverpool Road North	onto	
Southport Road	onto	
Mairscough Lane	Across boundary onto	
Delf Lane	Onto	
Wanishar Lane	Onto	
Southport Road	Onto	
Hill Brow	Onto	
New Street	Onto	
Halsall Road	Onto	
Gorsuch Lane	Turn left into	
Southport Road	Across boundary onto	
Scarbrick New Road (A570), Southport	Onto JCT Cemetery Road	
Scarbrick New Road (A570), Southport	Turn right into	Start Ploughing
Virginia Street, Southport	Onto	
Forest Road, Southport	Turn right into	
Haig Avenue, Southport	Turn left into	
Scarbrick New Road (A570), Southport	Around RAB and return onto	
Scarbrick New Road (A570), Southport	Turn left into	
Cemetery Road, Southport	Turn right into	
Duke Street, Southport	Turn right into	
Shakespeare Street, Southport	Onto	
St James Street, Southport	Turn left into	
Eastbank Street, Southport	Turn right into	
Lord Street, Southport	Turn right into	
London Square, Southport	Onto	
London Street, Southport	Turn left into	
Hoghton Street, Southport	Turn right into	
Church Street, Southport	Onto	
Sussex Road, Southport	Turn left into	
Norwood Road, Southport	Turn left into	
Tithebarn Road, Southport	Turn right into	
Hart Street, Southport	Turn right into	
Rose Hill, Southport	Onto	
St Lukes Road, Southport	Turn left into	
Hartwood Road, Southport	Turn left into	
Manchester Road, Southport	Onto	
Leicester Street, Southport	Around RAB and return into	
Leicester Street, Southport	Onto	
Manchester Road, Southport	Turn right into	
Hawkshead Street, Southport	Turn right into	
Cypress Road, Southport	Turn right into	
Sussex Road, Southport	Turn right into	
Tithebarn Road, Southport	Turn right into	
Norwood Road, Southport	Turn right into	
Haig Avenue, Southport	Turn right into	
Scarbrick New Road, Southport	Turn left into	
Cemetery Road, Southport	Onto	
Eastbourne Road, Birkdale	Turn right into	

MAGHULL DEPOT ADDITIONAL PLOUGHING ROUTE 1 Table 2/2

LOAD: 4.16 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2 m, for post plough gritting ONLY.

PLOUGHING MILEAGE 35.91

ROUTE	DIRECTION	REMARKS
Liverpool Road, Birkdale	Onto	
Weld Road, Birkdale	Turn right into	
Marine Drive, Southport	3 rd exit off RAB into	
Rufford Road, Southport	Onto	
Bankfield Lane, Southport	Onto	
Botanic Road, Southport	Onto	
Cambridge Road, Southport	Turn left into	
Manor Road, Southport	Onto	
Botanic Road, Southport	Onto	
Mill Lane, Southport	2 nd exit off RAB into	
High Park Place, Southport	Bear right into	
Old Park Lane, Southport	Bear right into	
Bispham Road, Southport	Turn left into	
Canning Road, Southport	Turn left into	
Crowland Street, Southport	Turn left into	
Russell Road, Southport	Turn left into	
Cobden Road, Southport	Turn right into	
Canning Road, Southport	Turn right into	
Bispham Road, Southport	Bear left into	
Old Park Lane, Southport	Onto	
High Park Place, Southport	Onto	
Mill Lane, Southport	Onto	
Botanic Road, Southport	Turn left into	
Manor Road, Southport	3 rd exit off RAB into	
Cambridge Road, Southport	Turn right into	
Botanic Road, Southport	Onto	
Mill Lane Southport	Turn right into	
Roe Lane, Southport	Turn right into	
Park Road, Southport	Turn right into	
Park Crescent, Southport	2 nd exit off RAB into	
Cambridge Road, Southport	Turn left into	
Marshside Road, Southport	Turn right into	
Elswick Road, Southport	Turn left into	
Garstang Road, Southport	Turn left into	
Fylde Road, Southport	Turn left into	
Preston New Road, Southport	Around RAB and return into	
Preston New Road, Southport	Turn right into	
Fylde Road, Southport	Turn left into	
Marshside Road, Southport	Turn left into	
Preston New Road, Southport	Around RAB and return into	
Preston New Road, Southport	Across onto	
Cambridge Road, Southport	2 nd exit off RAB into	
Park Crescent, Southport	Turn left into	
Queens Road, Southport	Turn right into	
Leicester Street, Southport	Turn right into	
Promenade, Southport	Turn left into	
Fairways, Southport		
FINISH at JCT Marine Drive		Return

MAGHULL DEPOT ADDITIONAL PLOUGHING ROUTE 2 Table 1/2

LOAD: 4.12 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2 m, for post plough gritting ONLY.	PLOUGHING MILEAGE	35.58
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ROUTE	DIRECTION	REMARKS
START at Damfield Lane	Turn left into	
Liverpool Road South	Turn right into	
Sefton Lane	Onto	
Bridges Lane	Turn right into	
Bridges Lane	Onto	
Lunt Road	Onto	
East Lane	Onto	
Parkwall Road	Onto	
Back 'o' The Town Lane	Onto	
Lady Green Lane	Turn right into	
Scaffold Lane	Onto	
Formby Bypass	Turn left into	
Southport Road	Turn right into	
Paradise Lane	Turn left into	
Wrigleys Lane	Turn right into	
Green Lane	Turn left into	
Victoria Road	Turn left into	
Gores Lane, Formby	Onto	Start Ploughing
Halsall Lane, Formby	Turn right into	
Chapel Lane, Formby	Turn left into	
Elbow Lane, Formby	Turn right into	
Duke Street, Formby	Turn right into	
Freshfield Road, Formby	Turn left into	
Victoria Road, Formby	Turn left into	
Harington Road, Formby	Onto	
Woodlands Road, Formby	Turn right into	
Kirklake Road, Formby	Bear left into	
St Lukes Church Road, Formby	Turn left into	
Bushbys Lane, Formby	Turn left into	
Ward Avenue, Formby	Turn left into	
Brooks Road, Formby	Turn left into	
Bushbys Lane, Formby	Onto	
Queens Road, Formby	Onto	
Ravenmeols Lane, Formby	Turn left into	
Liverpool Road, Formby	Turn left into	
Duke Street, Formby	Turn right into	
Elbow Lane, Formby	Turn right into	
Chapel Lane, Formby	Turn right into	
Three Tuns Lane, Formby	Turn left into	
Cross Green, Formby	Onto	
Church Road, Formby	Onto	
Green Lane, Formby	Turn right into	
Ryeground Lane, Formby	Bear right into	
Southport Road, Formby	1 st exit off RAB into	
Formby Bypass, Formby	Onto	
Liverpool Road, Ainsdale	Turn right into	
Woodvale Road, Ainsdale	Turn left into	
Cherry Road, Ainsdale	Turn left into	
Meadow Lane, Ainsdale	Turn right into	
Sandbrook Road, Ainsdale	Turn left into	
Orchard Lane, Ainsdale	Turn left into	
Liverpool Road, Ainsdale	Turn right into	
Pinfold Lane, Ainsdale	Turn right into	
Gleneagles Drive, Ainsdale	Turn left into	
Kenilworth Road, Ainsdale	Turn right into	
Shore Road, Ainsdale	Onto	
Station Road, Ainsdale	Onto	
Liverpool Road, Ainsdale	Onto	
Liverpool Road, Birkdale	Turn right into	
Halsall Road, Birkdale	Turn right into	
Guildford Road, Birkdale	Turn left into	

MAGHULL DEPOT ADDITIONAL PLOUGHING ROUTE 2 Table 2/2

LOAD: 4.12 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2 m, for post plough gritting ONLY.	PLOUGHING MILEAGE	35.58
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ROUTE	DIRECTION	REMARKS
Heathfield Road, Birkdale	Onto	
Mill Road, Ainsdale	Onto	
Segars Lane, Ainsdale	3 rd exit off RAB into	
Liverpool Road, Ainsdale	Bear left into	
Waterloo Road, Birkdale	Onto	
Lulworth Road, Birkdale	Onto	
Lord Street West, Southport	2 nd exit off RAB into	
Lord Street, Southport	Around RAB and return onto	
Lord Street, Southport	Turn left into	
Eastbank Street Square, Southport	Onto	
Eastbank Street, Southport	Turn right into	
St James Street, Southport	Onto	
Shakespeare Street, Southport	Turn right into	
Duke Street, Southport	1 st exit off RAB into	
Lord Street West, Southport	Onto	
Lulworth Road, Birkdale	Turn left into	
Weld Road, Birkdale	Onto	
Liverpool Road, Birkdale	Turn left into	
Halsall Road, Birkdale	Turn left into	
Guildford Road, Birkdale	Onto	
Benthams Way, Southport	Onto	
Town Lane Kew, Southport	1 st exit off RAB into	
Scarisbrick New Road, Southport	3 rd exit off RAB into	
Eastbank Street, Southport	Onto	
Eastbank Street Square, Southport	Turn right into	
Lord Street, Southport	Turn left into	
Leicester Street, Southport	Turn right into	
Promenade, Southport	Turn left into	
Fairway, Southport	1 st exit off RAB into	
Marine Drive, Southport	Onto	
Coastal Road, Southport	Onto	
Coastal Road, Birkdale	Onto	
Coastal Road, Ainsdale		
FINISH at JCT Formby Bypass		Return

MAGHULL DEPOT ADDITIONAL PLOUGHING ROUTE 3 Table 1/2

LOAD: 2.86 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2 m, for post plough gritting ONLY.	PLOUGHING MILEAGE 24.65
--	-------------------------

ROUTE	DIRECTION	REMARKS
START at Damfield Lane	turn left into	
Liverpool Road South	turn right into	
Sefton Lane	Onto	
Bridges Lane	turn right into	
Bridges Lane	Onto	
Lunt Road	Onto	
East Lane	Onto	
Parkwall Road	Onto	
Back 'o' The Town Lane	Onto	
Lady Green Lane	Turn right into	
Scaffold Lane	Turn left into	
Orrell Hill Lane, Ince Blundell	Turn right into	Start Ploughing
Moss Lane, Hightown	Turn right into	
North End Lane, Hightown	Turn right into	
Scaffold Lane, Ince Blundell	Onto	
Moor Lane, Ince Blundell	Onto	
Ince Lane, Thornton	Onto	
Southport Road, Thornton	Bear right into	
Park View, Thornton	Onto	
Quarry Road, Thornton	Turn left into	
Edge Lane, Crosby	Turn left into	
Water Street, Thornton	Turn left into	
Green Lane, Thornton	Turn left into	
Quarry Road, Thornton	Turn left into	
Edge Lane, Crosby	Turn left into	
Runnells Lane, Crosby	Turn left into	
Masefield Road, Crosby	Turn left into	
Newfield Close, Crosby	Turn left into	
Tanhouse Road, Crosby	Turn left into	
Edge Lane, Crosby	Onto	
Edge Lane, Sefton	Turn right into	
Gorse Lane, Litherland	Onto	
Sefton Road, Litherland	Around RAB at Hawthorne Road and return onto	
Sefton Road, Litherland	Onto	
Gorse Lane, Litherland	Turn left into	
Edge Lane, Sefton	Turn right into	
Buckley Hill Lane, Sefton	Turn left into	
Lydiat Lane, Sefton	Onto	
Lydiat Lane, Thornton	Onto	
Green Lane, Thornton	Turn left into	
Quarry Road, Thornton	Onto	
Moor Lane, Crosby	3 rd exit off RAB into	
Moor Lane, Crosby	Bear right into	
Richmond Road, Crosby	Turn left into	
Little Crosby Road, Crosby	1 st exit off RAB into	
Islington, Crosby	Turn left into	
Coronation Road, Crosby	Turn right into	
Liverpool Road, Crosby	Onto	
Crosby Road North, Waterloo	Onto	
Crosby Road South, Waterloo	Around RAB @ Princess Way and return onto	
Crosby Road South, Waterloo	Turn right into	
Sandringham Road, Waterloo	Bear left into	
Cambridge Road, Waterloo	Bear right into	
Sandy Road, Seaforth	Onto	
Ewart Road, Seaforth	Onto	
Crescent Road, Seaforth	Bear left into	
Church Road, Seaforth	Bear left into	
Seaforth Road, Seaforth	Onto	
Bridge Road, Litherland	4 th exit off RAB into	
Bridge Road, Litherland	Bear right into	
Linacre Road, Litherland	Onto	

MAGHULL DEPOT ADDITIONAL PLOUGHING ROUTE 3 Table 2/2

LOAD: 2.86 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2 m, for post plough gritting ONLY.	PLOUGHING MILEAGE 24.65
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ROUTE	DIRECTION	REMARKS
Stanley Road, Bootle	Around RAB @ Linacre Lane and return onto	
Stanley Road, Bootle	Onto	
Linacre Road, Litherland	Bear left into	
Bridge Road, Litherland	2 nd exit off RAB into	
Bridge Road, Litherland	onto	
Seaforth Road, Seaforth	Bear right into	
Church Road, Seaforth	Bear right into	
Crescent Road, Seaforth	Onto	
Ewart Road, Seaforth	Onto	
Sandy Road, Seaforth	Bear left into	
Cambridge Road, Waterloo	Turn right into	
Crosby Road South, Waterloo	Turn left into	
South Road, Waterloo	Bear right into	
Mount Pleasant, Waterloo	Onto	
Oxford Road, Waterloo	Onto	
Mersey View, Brighton Le Sands	Onto	
Bridge Road, Crosby	Turn right into	
Mersey Road, Crosby	2 nd exit off RAB into	
Coronation Road, Crosby	Turn left into	
Islington, Crosby	3 rd exit off RAB into	
Little Crosby Road, Crosby	Turn right into	
Richmond Road, Crosby	Turn left into	
Moor Lane, Crosby	5 th exit off RAB returning into	
Moor Lane, Crosby	Turn right into	
Richmond Road, Crosby	Turn left into	
Little Crosby Road, Crosby	1 st exit off RAB into	
Islington, Crosby	Through bus lane and turn left into	
Coronation Road, Crosby	Onto	
The Bypass, Crosby	3 rd exit off RAB into	
Moor Lane, Crosby	Onto	
Quarry Road, Thornton	Onto	
Park View, Thornton		
FINISH at JCT Southport Road		Return

MAGHULL DEPOT PLOUGHING ROUTE 5P

Table 1/3

LOAD: 4.84 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">GRIT MILEAGE</td> <td style="text-align: right;">41.8</td> </tr> <tr> <td>NON GRIT MILEAGE</td> <td style="text-align: right;">1.3</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">43.1</td> </tr> </table>	GRIT MILEAGE	41.8	NON GRIT MILEAGE	1.3	TOTAL	43.1
GRIT MILEAGE	41.8						
NON GRIT MILEAGE	1.3						
TOTAL	43.1						

ROUTE	DIRECTION	REMARKS
START at Damfield Lane	Across onto	
Liverpool Road North	turn right into	
Westway	Turn right into	
Northway	Turn left into	
Damfield Lane	Bear left into	
Hall Lane	Bear right into	
Station Road, Melling	Turn left into	Start Gritting
Tailors Lane, Maghull	Turn right into	
Hall Lane, Maghull	Turn right into	
Poverty Lane, Maghull	Onto	
Leatherbarrows Lane, Melling	Turn right into	
Weavers Lane, Maghull	Turn left into	
Rock Lane, Melling	Turn right into	
Brewery Lane, Melling	Turn left into	
Spencers Lane, Melling	Onto	
Waddicar Lane, Melling	Turn right into	
Rainbow Drive, Melling	Turn right into	
Wheeler Drive, Melling	Turn right into	
Station Road, Melling	Turn right into	
Waddicar Lane, Melling	Turn left into	
Prescot Road, Melling	Turn left into	
Angers Lane, Melling	Turn left into	
Giddygate Lane, Melling	Turn right into	
Tithebarn Lane, Melling	Onto	
Rock Lane, Melling	Turn left into	
Brewery Lane, Melling	Turn right into	
Spencers Lane, Melling	Onto	
Bull Bridge Lane, Aintree	Turn left into	
Wango Lane, Aintree	To boundary & return onto	
Wango Lane, Aintree	Turn left into	
School Lane, Aintree	Turn left into	
Melling Road, Aintree	Turn right into	
Warbreck Moor, Aintree	Turn left into	
Park Lane, Netherton	Turn right into	
Dunningsbridge Road, Netherton	Turn right into	
Heysham Road, Netherton	Turn left into	
Leckwith Road, Netherton	Turn left into	
Grange Road, Netherton	Turn left into	
Wakefield Road, Netherton	Turn right into	
Heysham Road, Netherton	Turn left into	
Dunningsbridge Road, Netherton	Turn right into	
Park Lane West, Netherton	Bear right into	
St Oswalds Lane, Netherton	Turn left into	
Peterborough Drive, Netherton	Bear left into	
Magdalene Square, Netherton	Turn left into	
Glovers Lane, Netherton	Around roundabout & return onto	
Glovers Lane, Netherton	Onto	
Fleetwoods Lane, Netherton	Turn Right Into	
Almonds Turn, Netherton	Turn Left Into	
Buckley Hill Lane, Netherton	Turn Left Into	
Edge Lane, Sefton	Turn Left Into	
Fleetwoods Lane, Netherton	Onto	
Glovers Lane, Netherton	4 th Exit Off RAB Into	
Glovers Lane, Netherton	Onto	
Fleetwoods Lane, Netherton	Turn left into	
Gorsey Lane, Litherland	Turn around at Dale Acre Drive and return onto	
Gorsey Lane, Litherland	Turn left into	
Edge Lane, Sefton	Turn right into	
Buckley Hill Lane, Sefton	Turn right into	
Almonds Turn, Netherton	Turn right into	
Fleetwoods Lane, Netherton	Turn right into	

MAGHULL DEPOT PLOUGHING ROUTE 5P

Table 2/3

LOAD: 4.84 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE 41.8 NON GRIT MILEAGE 1.3 TOTAL 43.1
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ROUTE	DIRECTION	REMARKS
Edge Lane, Sefton	Turn right into	
Quarry Road, Thornton	Turn right into	
Green Lane, Thornton	Onto	
Lydiate Lane, Sefton	Onto	
Northern Perimeter Road, Netherton	Turn right into	
Copy Lane, Netherton	Turn right into	
Chapel Lane, Netherton	Turn right into	
Northern Perimeter Road, Netherton	Bear left into	
Copy Lane, Netherton	Across onto	
Aintree Lane, Aintree	Turn left into	
Altway, Aintree	Turn right into	
Bull Bridge Lane, Aintree	Onto	
School Lane, Aintree	Onto	
Aintree Lane, Aintree	Across onto	
Copy Lane, Netherton	Turn right into	
Merseytravel Bus Turnaround, Netherton	Around turnaround and return onto	
Copy Lane, Netherton	Straight across onto	
Copy Lane, Netherton	Bear right into	
Northern Perimeter Road, Netherton	Turn left into	
Chapel Lane, Netherton	Turn left into	
Copy Lane, Netherton	Turn left into	
Northern Perimeter Road, Netherton	Across onto	
Lydiate Lane, Sefton	Turn left into	
Runnells Lane, Crosby	Turn right into	
Edge Lane, Sefton	Turn right into	
Tanhouse Road, Crosby	Turn right into	
Newfield Close, Crosby	Turn right into	
Masefield Road, Crosby	Turn left into	
Runnells Lane, Crosby	Turn left into	
Lydiate Lane, Sefton	Turn left into	
Water Street, Thornton	Turn right into	
Edge Lane, Crosby	Turn left into	
Moor Lane, Crosby	Onto	
The By Pass, Crosby	Across onto	
Islington, Crosby	Turn right into	
Little Crosby Road, Crosby	Turn right into	
Richmond Road, Crosby	Bear left into	
Moor Lane, Crosby	1 st exit off RAB into	
Moorland Avenue, Crosby	Onto	
Oaklands Avenue, Crosby	Turn right into	
Woodend Avenue, Crosby	Turn right into	
De Villiers Avenue, Crosby	Turn right into	
Oaklands Avenue, Crosby	Turn left into	
Little Crosby Road, Crosby	Turn left into	
Islington, Crosby (through bus lane)	Turn right into	
Liverpool Road, Crosby	Turn left into	
Endbutt Lane, Crosby	Turn left into	
Brownmoor Lane, Crosby	Turn left into	
Chesterfield Road, Crosby	Turn left into	
Moor Lane, Crosby	Onto	
The By Pass, Crosby	Turn left into	
Liverpool Road, Crosby	Turn right into	
College Road, Crosby	Bear right into	
Victoria Road West, Crosby	Onto	
Victoria Road, Crosby	Turn left into	
Manor Road, Crosby	Turn right into	
St Michaels Road, Crosby	Turn left into	
Little Crosby Road, Little Crosby	Onto	
Moss Lane, Little Crosby	Turn right into	
Orrell Hill Lane, Ince Blundell	Turn right into	
Scaffold Lane, Ince Blundell	Turn left into	

MAGHULL DEPOT PLOUGHING ROUTE 5P**Table 3/3**

LOAD: 4.84 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE 41.8 NON GRIT MILEAGE 1.3 TOTAL 43.1
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ROUTE	DIRECTION	REMARKS
Lady Green Lane, Ince Blundell	Onto	
Back O' The Town Lane, Ince Blundell	Onto	
Park Wall Road, Ince Blundell	Onto	
East Lane, Ince Blundell	Onto	
Lunt Road, Sefton	Turn right into	
Bridges Lane, Sefton	Turn right into	
Brickwall Lane, Sefton		
FINISH at jct of Lunt Road		Return

MAGHULL DEPOT PLOUGHING ROUTE 6P

Table 1/3

LOAD: 5.08 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">GRIT MILEAGE</td> <td style="text-align: right;">43.9</td> </tr> <tr> <td>NON GRIT MILEAGE</td> <td style="text-align: right;">2.0</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">45.9</td> </tr> </table>	GRIT MILEAGE	43.9	NON GRIT MILEAGE	2.0	TOTAL	45.9
GRIT MILEAGE	43.9						
NON GRIT MILEAGE	2.0						
TOTAL	45.9						

ROUTE	DIRECTION	REMARKS
START at Damfield Lane	turn left into	
Liverpool Road South	turn right into	
Northway	Turn left into	
Ormskirk Road, Aintree	Onto	Start Gritting
Warbreck Moor, Aintree	Onto	
Walton Vale, Walton	Onto	
Rice Lane, Walton	Turn right into	
Hornby Road, Walton	Around RAB at Southport Road & return onto	
Hornby Road, Walton	Turn left into	
Rice Lane, Walton	Turn left into	
Orrell Road, Bootle	Turn left into	
Moss Lane, Bootle	Onto	
Northfield Road, Bootle	Onto	
Linacre Lane, Bootle	Turn left into	
Stanley Road, Bootle	Turn left into	
Merton Road, Bootle	1 st exit off RAB into	
Hawthorne Road, Bootle	Onto	
Hawthorne Road, Litherland	Turn Right Into	
Church Road, Litherland	Turn Right Into	
Orrell Road, Litherland	Onto	
Orrell Road, Bootle	Onto	
Watts Lane, Bootle	Around RAB And Return Into	
Watts Lane, Bootle	Onto	
Orrell Road, Bootle	Onto	
Orrell Road, Litherland	Turn Left Into	
Church Road, Litherland	Turn Left Into	
Hawthorne Road, Litherland	Onto	
Hawthorne Road, Bootle	Turn left into	
Balliol Road East, Bootle	Turn left into	
Breeze Hill, Bootle	4 th exit off RAB into	
Oxford Road, Bootle	Turn right into	
Southport Road, Bootle	Turn right into	
Breeze Hill, Bootle	Onto	
Balliol Road East, Bootle	Turn right into	
Hawthorne Road, Bootle	1 st exit off RAB into	
Merton Road, Bootle	Turn left into	
Berry Street, Bootle	Turn right into	
Canal Street, Bootle	Turn left into	
Millers Bridge, Bootle	Turn left into	
Oriel Road, Bootle	Turn left into	
Merton Road, Bootle	Onto	
Irlam Road, Bootle	Turn left into	
Strand Road, Bootle	Turn right into	
Rimrose Road, Bootle	Onto	
Crosby Road South, Seaforth	Take slip road before flyover around RAB & return S'Bound onto	
Crosby Road South, Seaforth	Onto	
Rimrose Road, Bootle	Onto	
Derby Road, Bootle	Turn left into	
Bankhall Street, Bankhall	Turn left into	
Brasenose Road, Bootle	Turn left into	
Millers Bridge, Bootle	Turn left into	
Regent Road, Bootle	Turn left into	
Dacre Street, Bootle	Turn left into	
Derby Road, Bootle	Turn left into	
Effingham Street, Bootle	Turn right into	
Regent Road, Bootle	Around RAB & return onto	
Regent Road, Bootle	Turn left into	
Millers Bridge, Bootle	Onto	
Balliol Road, Bootle	Turn left into	
Stanley Road, Bootle	Turn left into	
Marsh Lane, Bootle	Turn left into	

MAGHULL DEPOT PLOUGHING ROUTE 6P

Table 2/3

LOAD: 5.08 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">GRIT MILEAGE</td> <td style="text-align: right;">43.9</td> </tr> <tr> <td>NON GRIT MILEAGE</td> <td style="text-align: right;">2.0</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">45.9</td> </tr> </table>	GRIT MILEAGE	43.9	NON GRIT MILEAGE	2.0	TOTAL	45.9
GRIT MILEAGE	43.9						
NON GRIT MILEAGE	2.0						
TOTAL	45.9						

ROUTE	DIRECTION	REMARKS
Washington Parade, Bootle	Around RAB at Strand Road & return onto	
Washington Parade, Bootle	Turn right into	
Marsh Lane, Bootle	Turn left into	
Stanley Road, Bootle	Around RAB at Knowsley Road & return onto	
Stanley Road, Bootle	Turn left into	
Balliol Road, Bootle	Onto	
Balliol Road East , Bootle	Onto	
Breeze Hill, Bootle	Turn right into	
Southport Road, Bootle	Onto	
Brewster Street, Bootle	Turn right into	
Hawthorne Road, Bootle	Turn left into	
Marsh Street, Kirkdale	Onto	
Celia Street, Kirkdale	Turn right into	
Stanley Road, Bootle	Turn right into	
Balliol Road, Bootle	Turn right into	
Hawthorne Road, Bootle	Turn left into	
Brewster Street, Bootle	Onto	
Southport Road, Bootle	Around RAB at Northfield Road & return onto	
Southport Road, Bootle	Turn left into	
Breeze Hill, Bootle	Around RAB & return onto	
Breeze Hill, Bootle	Onto	
Balliol Road East, Bootle	Onto	
Balliol Road, Bootle	Turn Left Into	
Stanley Road, Bootle	Turn Left Into	
Celia Street, Kirkdale	Onto	
Marsh Street, Kirkdale	Turn Left Into	
Westminister Road, Kirkdale	Onto	
Hawthorne Road, Bootle	Turn Left Into	
Balliol Road, Bootle	Onto	
Millers Bridge, Bootle	Turn right into	
Rimrose Road, Bootle	Turn right into	
Marsh Lane, Bootle	Onto	
Aintree Road, Bootle	Turn left into	
Fernhill Road, Bootle	Turn right into	
Linacre Lane, Bootle	Around RAB and return onto	
Linacre Lane, Bootle	Turn left into	
Fernhill Road, Bootle	Turn left into	
Aintree Road, Bootle	Around RAB at Southport Road & return onto	
Aintree Road, Bootle	Turn left into	
Fernhill Road, Bootle	Turn right into	
Oxford Road, Bootle	3 rd exit off RAB onto	
Merton Road, Bootle	Turn right into	
Litherland Road, Bootle	Turn right into	
Park Street, Bootle	Turn left into	
Hawthorne Road, Bootle	Turn left into	
Marsh Lane, Bootle	Turn left into	
Litherland Road, Bootle	Turn left into	
Park Street, Bootle	Turn right into	
Hawthorne Road, Bootle	4 th exit off RAB into	
Merton Road, Bootle	Turn right into	
Washington Parade, Bootle	Turn left into	
Strand Road, Bootle	Turn right into	
Irlam Road, Bootle	Turn left into	
Marsh Lane, Bootle	Turn right into	
Rimrose Road, Bootle	Turn right into	
Knowsley Road, Bootle	Onto	
Linacre Lane, Bootle	Around RAB at Northfield Road & return onto	
Linacre Lane, Bootle	Turn left into	
Hawthorne Road, Bootle	Turn left into	
Aintree Road, Bootle	Onto	
Hornby Road, Bootle	Turn left into	

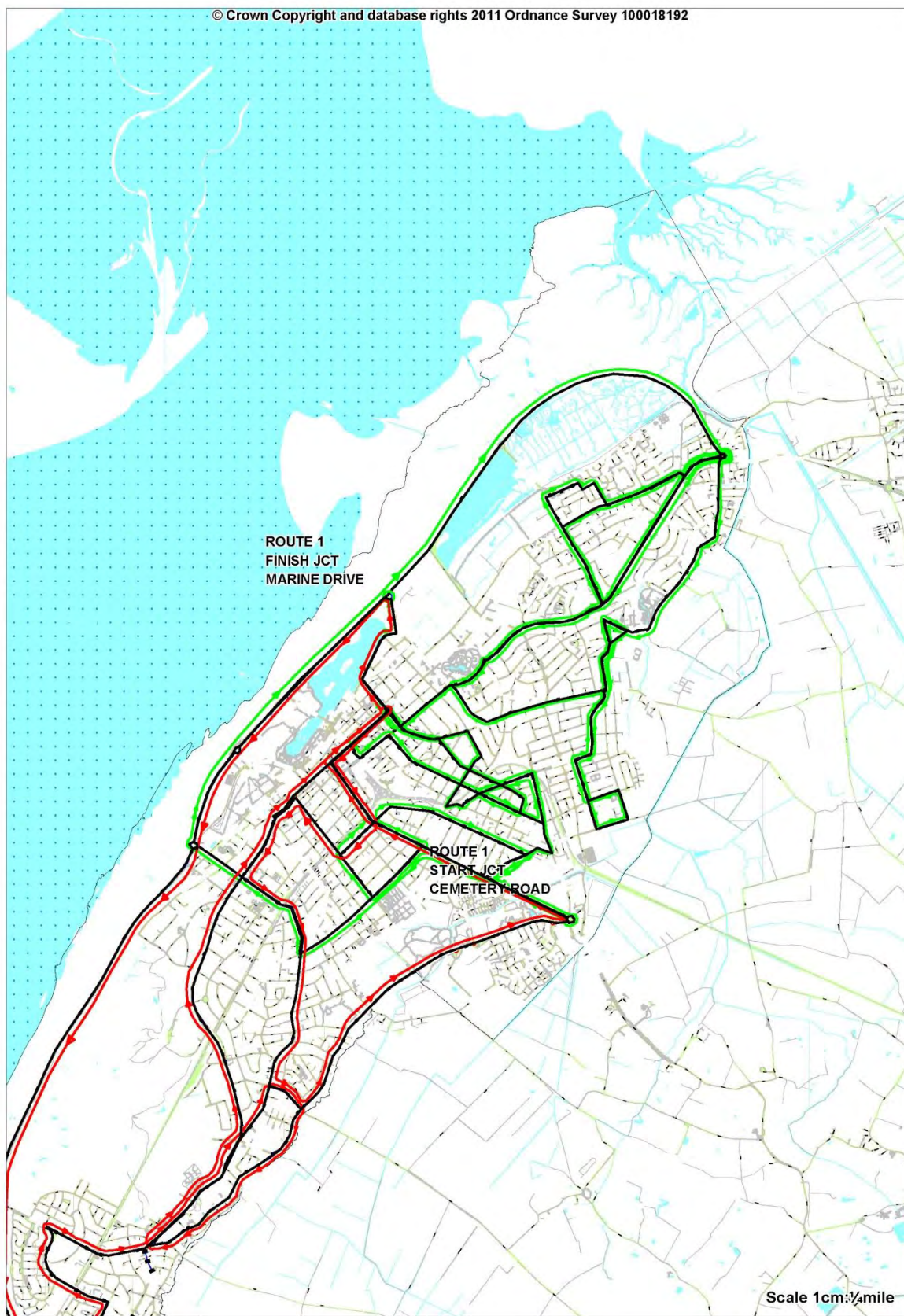
MAGHULL DEPOT PLOUGHING ROUTE 6P**Table 3/3**

LOAD: 5.08 tonnes of salt, set to spread at a rate of 10.0g/sqm over an average width of 7.2m, for precautionary gritting ONLY.	GRIT MILEAGE	43.9
	NON GRIT MILEAGE	2.0
	TOTAL	45.9

ROUTE	DIRECTION	REMARKS
Rice Lane, Walton	Turn left into	
Orrell Lane, Bootle	Turn right into	
Netherton Way, Bootle	Turn right into	
Bridle Road, Netherton	Take 2 nd right into	
Bridle Way, Netherton	Turn right into	
Bridle Road, Netherton	Turn right into	
Park Lane, Netherton	Turn left into	
Ormskirk Road, Aintree		
FINISH at Switch Island		Return

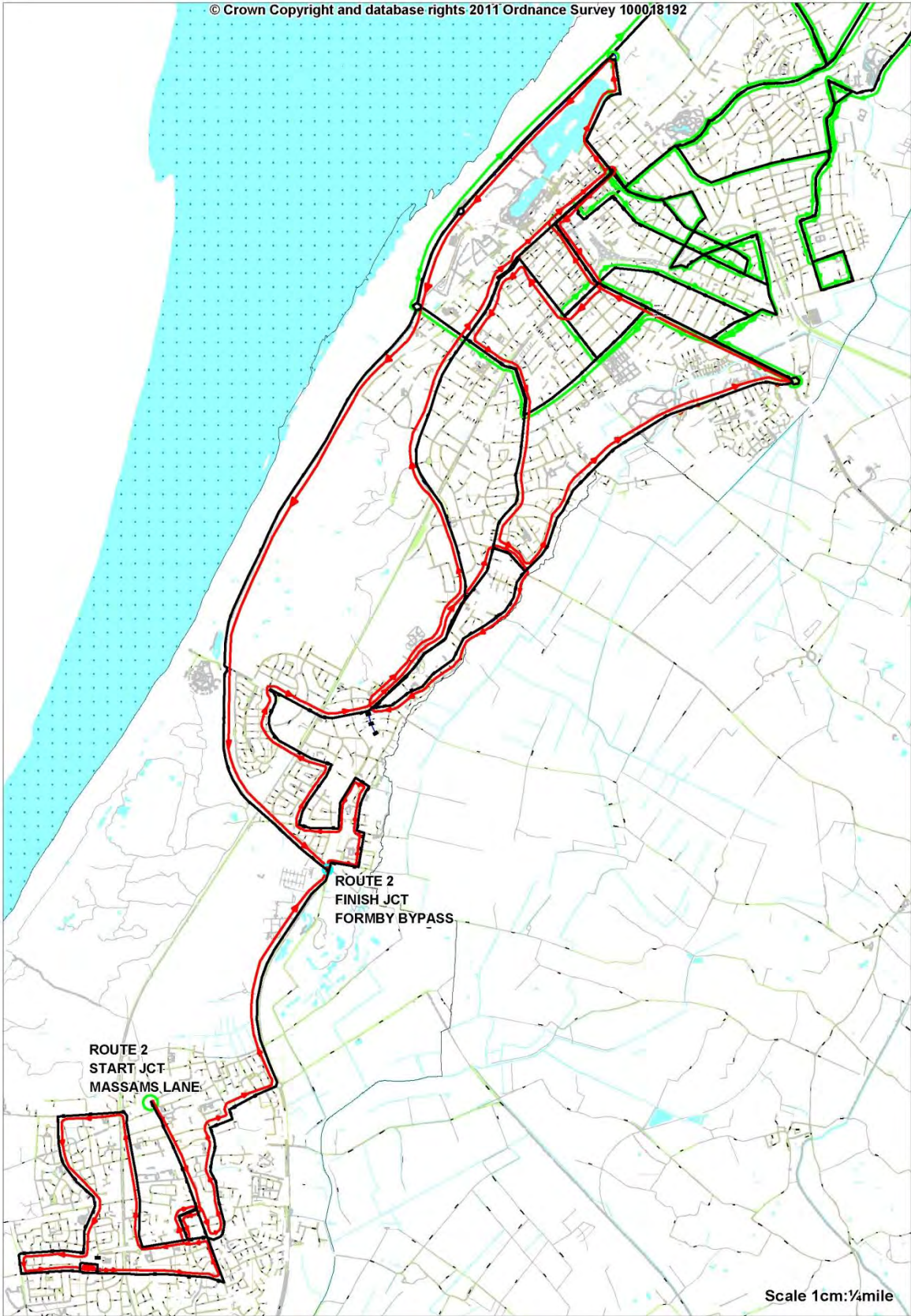
MAP K1 Additional Ploughing Route 1

SEFTON MBC DEPARTMENT OF BUILT ENVIRONMENT NETWORK MANAGEMENT
Winter Service Carriageway Ploughing Route 1 - October 2011



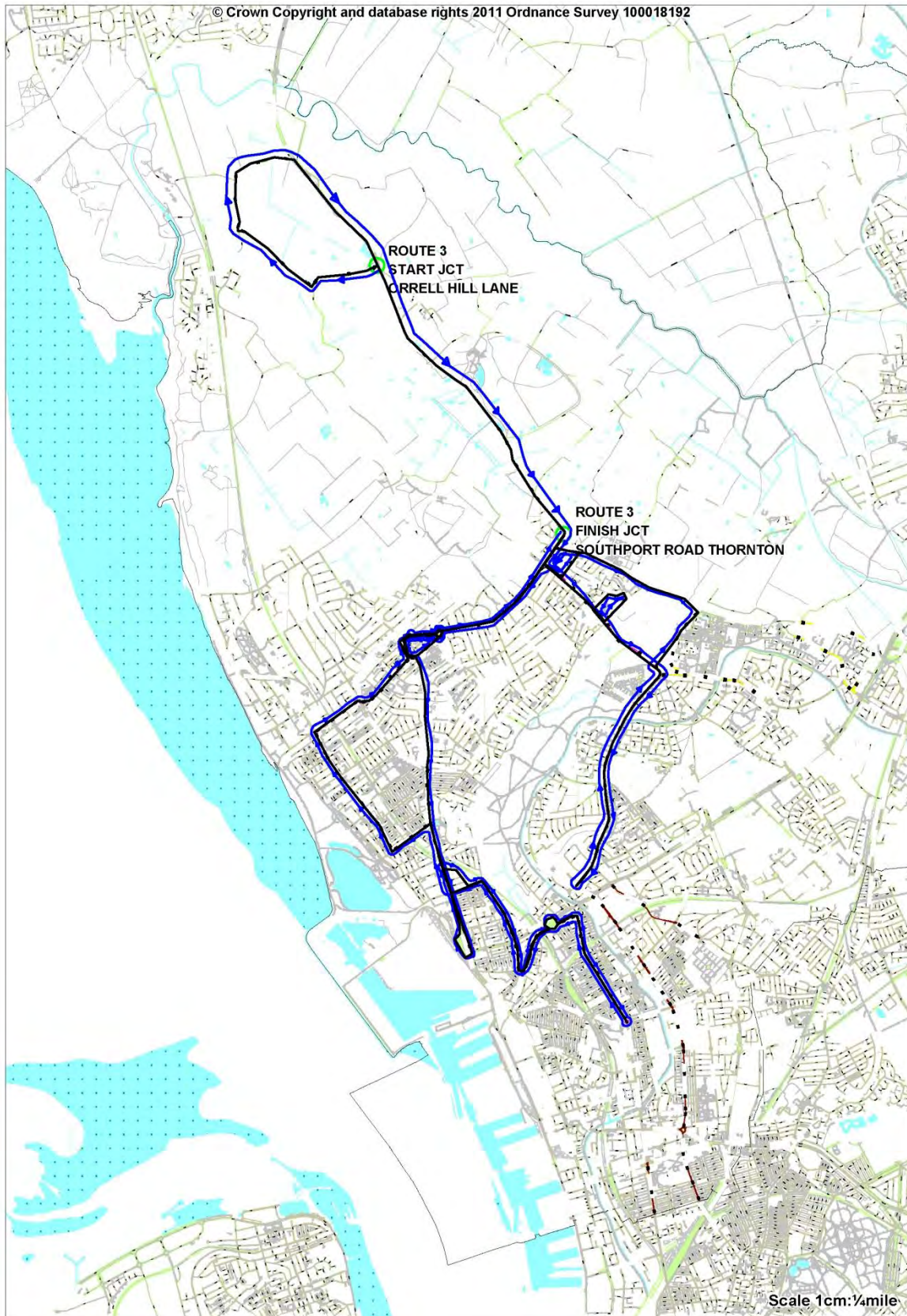
MAP K2 Additional Ploughing Route 2

SEFTON MBC DEPARTMENT OF BUILT ENVIRONMENT NETWORK MANAGEMENT
Winter Service Carriageway Ploughing Route 2 - October 2011



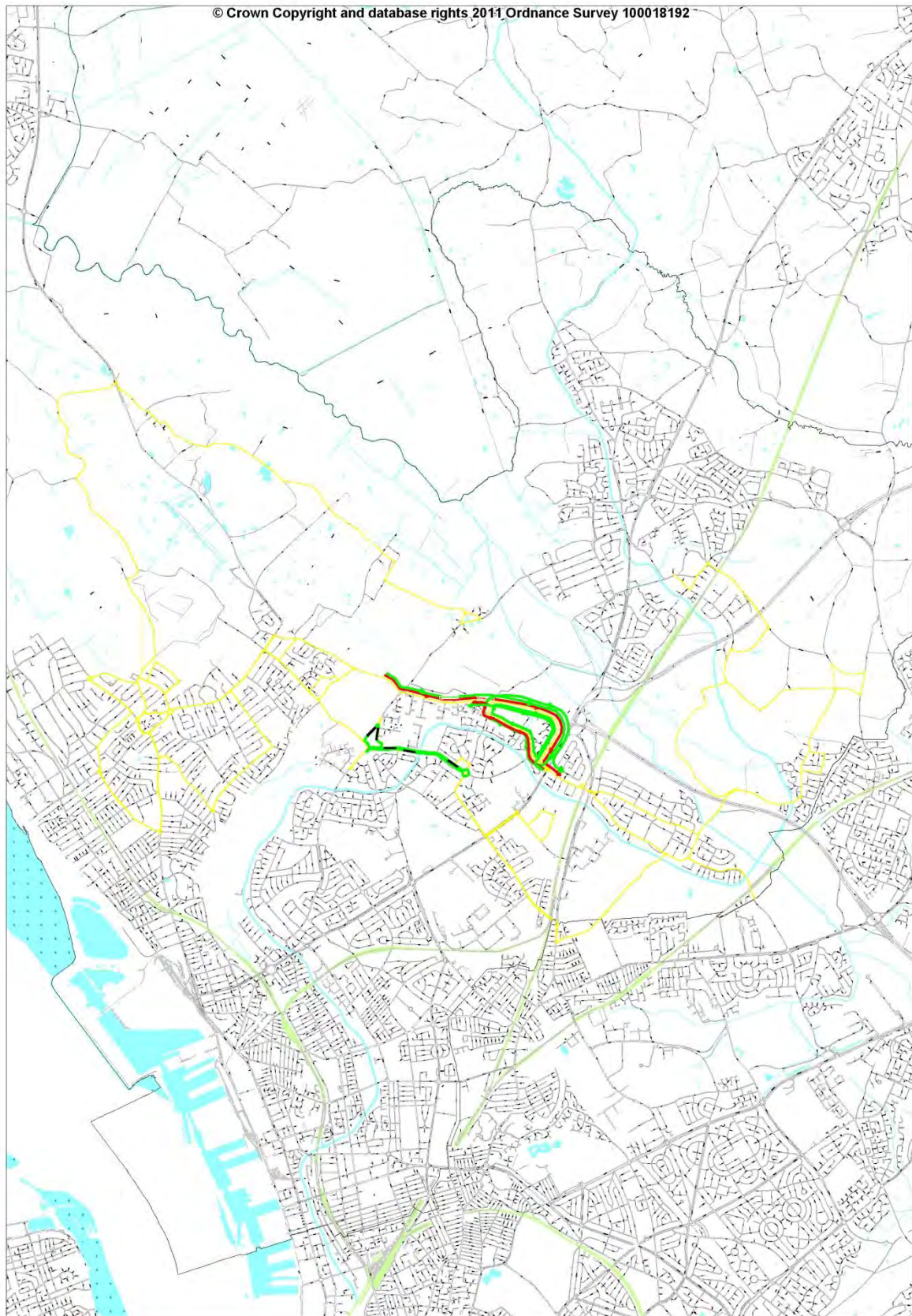
MAP K3 Additional Ploughing Route 3

SEFTON MBC DEPARTMENT OF BUILT ENVIRONMENT NETWORK MANAGEMENT
Winter Service Carriageway Ploughing Route 3 - October 2011



MAP K4 Ploughing Route 5P

SEFTON MBC DEPARTMENT OF BUILT ENVIRONMENT NETWORK MANAGEMENT
Winter Service Carriageway Ploughing Route 5P - October 2011



MAP K5 Ploughing Route 6P

SEFTON MBC DEPARTMENT OF BUILT ENVIRONMENT NETWORK MANAGEMENT
Winter Service Carriageway Ploughing Route 6P - October 2011

