



Highway Winter Service Operational Plan

2023 – 2024

*Wirral Council
Highways & Infrastructure Neighbourhood
Services Wirral Council*

Version 5, 11.10.23 report

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Approval

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Revision History

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V4 20.02.23	Tom Toner Driver – removed from Idverdi Driver & Contact Details	LMS	BSS
V5 11.10.23	Doc and Appendices updated for 2023-24	LMS	BSS

Introduction

Responsibility for the delivery of Highway Winter Service rests with the Council as the Highway Authority for Wirral. This Highway Winter Service Operational Plan sets out the standards for the treatment of the borough's highway network as a consequence of winter weather; it sets out a framework of good practice within which the borough's Winter Service provision is managed and takes into account the recommendations and advice set out in the Well-managed Highway Infrastructure: Code of Practice (October 2016).

The winter service period is: **Monday 13 November 2023 to 8am Monday 8 April 2024**, consisting of a 21 week rota with 3 rotating teams on standby 24/7.

Date of Dry Run Training Day: Saturday 4 November 2023.

Highway Winter Service Responsibilities - Wirral Council

The Senior Officer is responsible for: - but delegated to the Asset Manager and the Asset Operations Manager: -

- Maintenance of the Council's salt facility located at 250 Cleveland Street, Birkenhead. CH41 3QL;
- The purchasing of salt and maintaining stocks throughout the season (in conjunction with Government's Salt Cell requirements);
- In conjunction with the Council's Principal Officer, Transport Maintenance – responsible for the provision of gritting vehicles and mini gritters and ploughs to be maintained in working order between mid-November and the beginning of April (one large vehicle being for use as a reserve), including out of hours maintenance cover and, the provision of two loading shovels for the Highway Winter Service Season;
- The provision and maintenance of grit bins;
- Responsible for initiating the call-out for the Highway Winter Service operations and stating the type of call-out required i.e.:
 - Which routes are to be gritted and times of commencement and continuation;
 - When and which focus areas are to be gritted;
 - Whether and when snowploughs are to be fitted;
 - Setting the gates on the gritters to the required spread rates; and,
 - Gritting of Council car parks;
- Co-ordinating snow clearing activities in conjunction with Emergency Services and other agencies; and,
- The verification of work carried out and the maintenance of records of action taken.

Winter Decision Maker (WDM) Responsibilities

Prior to the start of Winter Service, MOT, vehicle insurance documentation must have been produced by all Winter Supervisors and evidence of such signed-off by a WDM. Vehicle tax must also have been evidenced and signed-off.

The WDM will be on standby for a week at a time and will be responsible for:

- Receiving the weather forecast from the forecast provider during the day or night and instructing Senior Winter Supervisors on action required;
- Circulating the forecast information and proposed action to the contractor and other relevant persons.

In circumstances, where a decision cannot be made due to the uncertainty of the prevailing weather conditions and forecast, the contractor and other relevant persons will be notified accordingly and advised that a later decision will be made;

- Responding to problems raised by Winter Supervisors as required;
- Advising the Senior Manager and relevant persons of any developing situation outside the normal gritting operation; and,
- Ensuring that the relevant Health and Safety guidance and Risk Assessment guidance are available to all Winter Supervisors operating at and or from the salt facility.

Senior Winter Supervisor Responsibilities

The Senior Winter Supervisor will be on standby for a week at a time and will be responsible for:

- Instructing Winter Supervisors on action required;
- Receiving updates on changing weather conditions through the night and keeping the Winter Supervisors informed as required;
- Keeping the Winter Decision Maker informed of any problems, particularly in relation to snowfall;
- Maintain gritting logs and ensuring that all paperwork is completed and submitted correctly;
- Collating all paperwork and agreeing hours worked with the contractor's supervisor prior to leaving the salt facility;

- Ensuring that all paperwork is forwarded electronically to the admin team the following morning;
- Keeping the Winter Decision Maker informed on salt stocks;
- Ensuring that wash down hoses are removed and safely stored; and
- Ensuring that lights and power are switched off and that the salt facility offices and compound are locked and secured at the end of gritting operations.

Winter Supervisor Responsibilities

The Winter Supervisor will be on standby for a week at a time and responsibilities will include:

- Discussing the weather forecast with the Winter Decision Maker or the Senior Winter Supervisor and carrying out inspections and supervision of gritting operations as required;
- Liaising with the Senior Winter Supervisor throughout the standby period and informing the Supervisor of prevailing weather conditions and any operational problems;
- Maintaining gritting logs and ensuring that all paperwork is completed correctly and forwarded electronically to the Senior Winter Supervisor/admin team prior to leaving the salt facility; and,
- Recording and reporting vehicle defects to the Transport Section at the earliest opportunity.

Senior Winter Supervisor and Winter Supervisor Responsibilities

Compilation of Gritting Log - responsibility includes keeping a log of the events of a call-out, and to forward it electronically to the admin team the following morning.

The log should include:

- Date;
- Forecast warning, and time received;
- Any call out, including times "on" and "off";
- Action taken, if any, and times;
- Quantity of salt used;
- Any other relevant data;
- Any plant defects;
- A record of incoming calls, giving nature of call, time, name, initials, address, and telephone number of the caller (if the caller is a police constable, badge number is required); and,
- Winter Supervisor's signature.

The Contractor's (idverde) Responsibilities

The contractor shall:

- Provide suitably qualified personnel from inclusive to operate Highway Winter Service vehicles, snow ploughs, loaders, and other equipment.

N.B. This period may be extended by the Senior Council Officer when weather conditions require additional gritting operations;

In accordance with the contractor contract, all Highway Winter Service drivers shall possess a category 'C' Large Goods Vehicle (LGV) Licence in accordance with the Heavy Goods Vehicles (Drivers' Licences) Regulations 1990 (SI 1990/2612). They shall hold an appropriate certificate under the City and Guilds of London Institute / Local Government Management Board Qualification Scheme 6159 Winter Service Operations. Operatives shall hold appropriate units for the Prime Mover, Spreader and Snow Plough. The certificates are valid for 5 years and should cover the whole of the Highway Winter Service period;

- Provide photographic ID for each driver – with City and Guilds certificate number and certification dates;
- Provide second personnel to support the Highway Winter Service drivers in adverse weather conditions for the period **Monday 27 November 2023 until Monday 5 February 2024 inclusive.**

N.B. This period may be extended by a Senior Council Officer when weather conditions dictate;

- Be responsible for all training of the Contractor's Highway Winter Service personnel during the term of the contract;
- Provide senior personnel to take and implement instructions from the Senior Winter Supervisor or other Senior Council Officer;
- Respond to an instruction from the Senior Winter Supervisor or other Senior Council Officer to commence gritting activities so that principal routes are completed between three and five hours after the commencement of gritting, the length of the operation is subject to COVID 19 restrictions and,
- Respond with appropriate resources to the Senior Winter Supervisor, or other Senior Council Officer's, instructions to deal with prevailing weather and/or road conditions at any time.
- Provide the Senior Officer with all contractor and sub-contractor Risk Assessments for all winter activities operating at, or from, the salt facility.

Winter Service Operations

Precautionary Gritting

For expected frost and light snow, precautionary gritting shall be carried out at a rate of 10 gms/m².

When freezing conditions are expected after rain, precautionary rates can be increased to 25 gms/m². Gritting shall be delayed as long as possible to reduce loss of salt by run-off unless freezing conditions coincide with rainfall.

When continuous snow is forecast, precautionary gritting rates may be increased to 25-40 gms/m² according to the severity of the expected snowfall.

Treatment of Ice

If ice has formed on the road surface, the salt shall be spread at a rate to reduce or remove the ice as soon as practical depending on the amount of ice to be removed and the air temperature.

Treatment of Snow

The maximum salt spreading rate for melting up to 4 cm of fresh snow at 0o C is 40 gms/m². Areas of laying snow will be removed on the highway if they are likely to impact vehicle movements. Where conditions allow, ploughing shall be undertaken as soon as snow depth exceeds 3 to 4 cms. Each pass of the plough may be supplemented by gritting at the rate of 10 gms/m².

If there is a need to continue ploughing when air temperatures drop, the gritting rates should be increased if necessary up to 40 gms/m². During prolonged falls of snow, it will be necessary to plough continuously to prevent build-up and compaction by traffic. Such ploughing can be combined with simultaneous gritting at 25-40 gms/m². Once snow depths of 12 cm have been reached it may be desirable to continue ploughing without salting. In these conditions, the weight of a salt load will aid vehicle traction.

Treatment of Hard Packed Snow and Ice

At temperatures down to -5o where the hard-packed snow and ice is no more than 2 cm thick, removal may be considered by using successive salt spreads at 25-40 gms/m², but each location will be considered depending on the risk to vehicle movements. At temperatures below -5o C and where hard packed snow or ice is more than 2 cm thick, the use of salt alone will result in an uneven and slippery surface, and therefore unlikely to employed, each location will be considered as to the impact on highway users.

Spread Rates

To be effective, salt must be spread evenly and at rates to suit prevailing weather conditions. Excessive salt spreading is undesirable on both environmental and economic grounds. For this reason the spreading equipment is calibrated annually and the controls are marked accordingly for the spread rates detailed. Any decision to vary these application rates or to use other materials (due to a need to conserve supplies) is a matter for the Council Senior Officer.

Severe Weather

This is defined as air temperatures staying below zero for a continuous period of 72 hours or laying snow of a depth of over 2cm covering 50% of the Wirral land mass.

During severe and prolonged winter weather, difficulties can arise with the resources necessary to deal with the conditions as set out in this Winter Service Plan. Principally there may be issues concerning the stock levels of both salt and fuel however, vehicle breakdowns may also be an issue, especially during continuous operations such as during periods of high snowfall.

Where such difficulties arise the Council will endeavour to continue to deliver the Winter Service but will reduce the level of service in line with the resources that are available on a risk-based approach, this means the action will be taken depending on the road hierarchy and the impact to the movement of vehicles and people on the network. The aim will be to make the best use of the resources available at the time and will include strategies to conserve salt and or fuel stocks. The strategy will include, but not be limited to, reducing the network to be treated, and reducing the rate of spread and or use of alternative materials.

During periods of severe weather when Wirral's Winter service standby team has been working through the evening and night, and further action is required the following day, then the team will stand down. This team will be replaced, the following day by another team consisting of a Winter Decision Maker; a Senior Winter Supervisor and two Winter Supervisors. This will be co-ordinated by one of Wirral's Senior Officers and would be dependent on availability.

Requests for Additional Gritting

Requests from the Police for salting of the network as a result of reported road traffic collisions will be considered on a risk-based approach taking into account the following criteria:

- Scope of the problem;
- Availability of resources;
- Predicted road surface temperatures; and,
- Expected precipitation.

Weather Information

Weather forecasts are supplied by MetDesk on a daily basis for the Winter Service period. The ice prediction system is supplied by Vaisala Ltd.

The service consists of:

- 24 hour forecast;
- Ice prediction;
- 2 to 5 day forecast;
- Copies of radar pictures and/or significant weather charts when required; and,
- Updates when sudden changes in the expected weather pattern dictate.

There is a reference sensor site on the A540 Telegraph Road, Heswall that enables the forecast conditions to be monitored. The site is fully instrumented and provides the following data that is used throughout the Winter Service period:

- Air temperature;
- Dew point temperature;
- Relative humidity;
- Surface temperature;
- Ground temperature; and,
- Freezing temperature.

Data is received every 20 minutes during the Winter Service period and there are two sensors in the northbound carriageway plus one in the southbound carriageway.

The sensor sites receive a pre-season calibration to ensure the data is accurate. The use of the ice prediction system enables the Council's Officers to monitor the forecast conditions with the actual conditions at the sensor sites and to update any planned actions as required.

Salt Dome Arrangements

The Winter Service will be operated from the Council's Transport Depot and salt storage facility at 250 Cleveland Street Birkenhead CH41 3QL. At the end of each service, the gritting vehicles will be washed down and will be parked up at the Cleveland Street depot.

Coastal Events

The Wirral Call Out Rota is also used for coastal events during the Winter Period. Inspectors will be required to carry out inspections to assess what action is required regarding tidal overtopping. This will be co-ordinated by the Winter Decision Maker and the standby team.

Biffa Premises

As part of the Strategic Plan, Biffa premises at Dock Road, Bromborough will be gritted to assist with routine bin collections and street cleansing.

Diversions

Should any roads be closed on a gritting route due to roadworks, the diversion route should be followed and gritted.

APPENDICES

Appendix 1 - Gritting Routes

Route No. 1 Grey

- 1 Travel from Cleveland Street salt barn to the railway bridge on Woodchurch Road to the east of the M53 interchange
- 2 Grit Woodchurch Road west bound and the west bound slip road
- 3 Turn left into Prenton Way and grit Prenton Way all the way around back to it's junction with itself.
- 4 Turn left and then right into Brookway and grit around to the junction of Prenton Way. Turn right and grit back to the interchange.
- 5 Grit the whole of the interchange and the westbound slip road onto Woodchurch Road
- 6 Grit Woodchurch Road westbound up to the traffic lights at Arrowe Park
- 7 Grit through lights to Arrowe Park Road Hospital main entrance
- 8 Grit main hospital bus route and exit right
- 9 Grit Arrowe Park Road to lights and onto Woodchurch Road eastbound
- 10 Grit Woodchurch Road to Ackers Road lights
- 11 Travel back up to Arrowe Park lights
- 12 Grit Arrowe Park Road southbound to Thingwall Road East roundabout and grit roundabout
- 13 Grit Barnston Road from roundabout to junction with Holmwood Drive
- 14 Grit Barnston Road to Chester Road roundabout Gayton
- 15 Grit roundabout and exit towards Heswall
- 16 Grit full length of Telegraph Road to Caldys Road / Montgomery Hill roundabout
- 17 Grit roundabout and then grit Telegraph Road to Mere Lane

- 18 Return to Caldys roundabout and grit Column Road, Grange Road, Meols Drive to Market Street roundabout, Hoylake
- 19 Grit roundabout and travel back along Meols Drive to Graham Road
- 20 Grit Graham Road and turn right onto Meols Drive
- 21 Travel to Market Street roundabout
- 22 Grit Station Road, not gritting between the stop lines either side of the railway tracks, Carr Lane to end and return

- 23 Grit Market Street, Birkenhead Road, Hoylake Road to Moreton Cross roundabout and grit roundabout and exit towards Upton.
- 24 Grit Upton Road from roundabout to Upton Bypass and turn right
- 25 Grit slip road to roundabout and exit towards Birkenhead
- 26 Grit bypass southbound to Greasby Road / Old Greasby Road roundabout
- 27 Grit roundabout and grit bypass to Arrowe Park Road roundabout (Sainsbury's)
- 28 Grit roundabout and exit towards Birkenhead and grit Upton Bypass, Upton Road to Warren Drive roundabout and turn around
- 29 Grit dual carriageway section of Upton Road and travel to Arrowe Park roundabout
- 30 Travel along Upton Bypass towards Moreton and grit dual carriageway section and Moreton bound slip road to top
- 31 Travel via Moreton Cross and return and grit Moreton Road grit one side of central reservation to Royden Road. Travel via service road and grit the other side of reservation continue travel via Moreton Cross and return and grit Moreton Road Arrowe Park Road to Arrowe Park Hospital exit.

FINISH, RETURN TO SALT BARN AND RE-LOAD

- 32 Travel to Conway Street bus station
- 36 Grit left side and bus station Claughton Road exit
- 37 Grit Claughton Road to Hemingford Street
- 38 Grit Hemingford Street
- 39 Travel to Market service road via bus station
- 40 Grit Market Service Road
- 41 Travel to Claughton Road junction with St John Street
- 42 Grit St John Street to first junction
- 43 Turn left and grit car park
- 44 Exit car park and travel to St John Street/Oliver Street and grit Oliver Street to end.
- 45 Travel to Argyle Street / Price Street
- 46 Grit Price Street to Cavendish Street
- 47 Travel to Hoylake Road / Gautby Road
- 48 Grit Gautby Road to Stanley Road
- 49 Grit Station Road from Stanley Road to Ilchester Road
- 50 Travel to Cavendish Street / Cleveland Street

- 51 Grit Cavendish Street to Park Road North
- 52 Travel to Beckwith Street / Duke Street
- 53 Grit Beckwith Street to Cavendish Street
- 54 Travel to Park Road South / Palm Grove
- 55 Grit Palm Grove to Balls Road
- 56 Travel to Christchurch Road / Bessborough Road
- 57 Grit Bessborough Road/Heathfield Road to Woodchurch Road

FINISH

Route No. 2 Brown

- 1 Travel from Cleveland Street salt barn to M53 Junction 5 Hooton and grit roundabout
- 2 Grit A41 New Chester Road northbound from roundabout to Bolton Road roundabout, New Ferry
- 3 Grit bypass to St Pauls Road roundabout, Rock Ferry
- 4 Grit roundabout, bypass and A41 New Chester Road southbound to Junction 5 roundabout
- 5 Return to salt barn and reload
- 6 Travel to Woodchurch Road / Storeton Road junction
- 7 Grit Storeton Road / Mount Road southbound to Brimstage Road roundabout Junction 4
- 8 Grit roundabout and exit to Mount Road northbound
- 9 Grit Mount Road dual carriageway section and return to roundabout
- 10 Exit towards Heswall
- 11 Grit Brimstage Road from roundabout to Chester Road, Gayton roundabout and exit left
- 12 Grit Chester Road from roundabout to Ellesmere Port boundary (Boathouse Lane)
- 13 Turn and grit Chester Road from boundary to Gayton roundabout
- 14 Return to Chester High Road / Parkgate Lane
- 15 Grit Parkgate Lane from Chester High Road to end (Neston Road)
- 16 Turn right and grit Neston Road to boundary
- 17 Return to Neston Road / Parkgate Lane
- 18 Grit Neston Road, Thornton Common Road to Poulton Hall Road bridge and turn left
- 19 Grit Poulton Hall Road to junction of Poulton Road / Dibbinsdale Road
- 20 Grit Poulton Road from Poulton Hall Road to Spital Road lights
- 21 Travel to M53 Junction 4 Clatterbridge roundabout and exit towards Clatterbridge
- 22 Grit Mount Road southbound to garage roundabout and grit roundabout
- 23 Grit Mount Road northbound to M53 Junction 4 Clatterbridge roundabout
- 24 Return to Clatterbridge Hospital access road (Mount Road)
- 25 Grit access road and hospital main bus route
- 26 Return to Clatterbridge Road
- 27 Grit Clatterbridge Road, Willaston Road to Ellesmere Port boundary (turn at Lydiate Lane)

- 28 Return to Willaston Road / Benty Heath Lane
- 29 Grit Benty Heath Lane to Ellesmere Port boundary (turn at Eastham Rake)
- 30 Travel to Willaston Road / Willowbrow Road
- 31 Grit Willowbrow Road from Willaston Road to Raby Mere Road
- 32 Travel to Willaston Road / Upper Raby Road junction
- 33 Grit Upper Raby Road westbound from Willaston Road to Ellesmere Port boundary
- 34 Travel to Raby Mere Road / Raby Road, Raby
- 35 Grit Raby Road through to village
- 36 Travel to Thornton Common Road / St Georges Way
- 37 Grit St Georges Way from Thornton Common Road to Manor Road
- 38 Grit Smithy Hill from Manor Road to Thornton Common Road and turn left
- 39 Grit Manor Road from Thornton Common Road to Brimstage Road
- 40 Travel to Brimstage Road / Brimstage Lane, Brimstage
- 41 Grit Brimstage Lane to Red Hill Road
- 42 Travel to Brimstage Road / Talbot Avenue
- 43 Grit Talbot Avenue from Brimstage Road to Manor Road
- 44 Travel to Brimstage Road / Whitehouse Lane
- 45 Grit Whitehouse Lane from Brimstage Road to Barnston Road
- 46 Travel to Acre Lane
- 47 Grit Acre Lane from Barnston Road to Brimstage Road
- 48 Travel to Storeton Lane / Barnston Road
- 49 Grit Storeton Lane, Station Road to Lever Causeway roundabout
- 50 Grit roundabout
- 51 Grit Lever Causeway northwards from roundabout to Mount Road
- 52 Travel to Mount Road / Rest Hill Road
- 53 Grit Rest Hill Road from Mount Road to Red Hill Road
- 54 Grit Red Hill Road from Rest Hill Road to Lever Causeway
- 55 Return to Red Hill Road / Rest Hill Road

- 56 Grit Red Hill Road from Rest Hill Road to Mount Road
- 57 Cross Mount Road to Bracken Lane
- 58 Grit Bracken Lane/Brackenwood Road from Mount Road to Teehey Lane
- 59 Travel to Heath Road / Cross Lane
- 60 Grit Cross Lane from Heath Road to Stanton Road
- 61 Cross into Beechway
- 62 Grit Beechway from Stanton Road to Brimstage Road

FINISH

Route No. 3 Green

- 1 Travel to Hoylake Road / Pasture Road roundabout, Moreton Cross, Moreton
- 2 Grit Pasture Road from roundabout to Leasowe Road
- 3 Grit Leasowe Road from Pasture Road to Wallasey Village
- 4 Grit St Johns Road from Wallasey Village to St Georges Road
- 5 Travel to St Georges Road / Perrin Road
- 6 Grit Perrin Road to Wallasey Village
- 7 Grit Leasowe Road from Wallasey Village to Mosslands Drive
- 8 Grit Mosslands Drive to end and return.
- 9 Grit Leasowe Road from Mosslands Drive to Pasture Road
- 10 Return to Leasowe Road / Reeds Lane
- 11 Grit Reeds Lane to Hoylake Road

DO NOT GRIT INSIDE STOP LINES OF RAILWAY CROSSING

- 12 Turn right and grit Hoylake Road from Reeds Lane to Pasture Road
- 13 Return to Fender Lane / Reeds Lane
- 14 Grit Fender Lane, Bidston Bypass eastwards to Bidston Link Road roundabout (Tesco)
- 15 Grit roundabout
- 16 Grit Bidston Link Road northwards to Bidston Moss roundabout
- 17 Grit roundabout and Bidston Link Road southwards to Hoylake Road
- 18 Grit Hoylake Road eastwards to St James Church
- 19 Turn and grit Hoylake Road westwards to Worcester Road
- 20 Grit Worcester Road, Boundary Road to Upper Flaybrick Road
- 21 Grit Upper Flaybrick Road to Tollemache Road
- 22 Travel to Tollemache Road / Upton Road junction
- 23 Grit Upton Road westwards to Boundary Road
- 24 Grit Boundary Road to Upper Flaybrick Road
- 25 Travel to Worcester Road

- 26 Grit Worcester Road to Hoylake Road
- 27 Grit Hoylake Road to Bidston Bypass
- 28 Grit Bidston Bypass, Fender Lane westwards to Reeds Lane
- 29 Travel to Hoylake Road / Danger Lane
- 30 Grit Danger Lane from Hoylake Road to Pasture Avenue
- 31 Grit Pasture Avenue to Pasture Road
- 32 Travel to North Wallasey Approach Road
- 33 Grit North Wallasey Approach Road, Bayswater Road from roundabout to Harrison Drive
- 34 Travel to Harrison Drive / Groveland Road
- 35 Grit Groveland Road, Newport Avenue to Bayswater Road
- 36 Travel to North Wallasey Approach Road
- 37 Grit North Wallasey Approach Road to Bidston Moss roundabout
- 38 Travel to North Wallasey Approach Road / Leasowe slip road
- 39 Grit slip road to Leasowe Road
- 40 Travel to Leasowe Road / Birkenhead slip road
- 41 Grit slip road to North Wallasey Approach Road
- 42 Travel to North Wallasey Approach Road / Wallasey slip road
- 43 Grit slip road to Leasowe Road
- 44 Travel to Leasowe Road / Greenleas Road
- 45 Grit Greenleas Road, Bayswater Road to North Wallasey Approach Road (grit both sides of refuges)
- 46 Travel to Wallasey Village / Green Lane
- 47 Grit Green Lane to Greenleas Road
- 48 Travel to Leasowe Road northside slip road (signed Birkenhead)
- 49 Grit slip road to North Wallasey Approach Road
- 50 Travel to Wallasey Docks Link North
- 51 Grit Wallasey Docks Link North from roundabout to Poulton Bridge Road roundabout
- 52 Grit Dock Road from roundabout to Tower Road roundabout
- 53 Grit Kelvin Road, Wheatland Lane from Dock Road to Poulton Road

- 54 Grit Poulton Road from Wheatland Lane to Mill Lane
- 55 Travel to Poulton Bridge Road roundabout/ Wallasey Docks Link South
- 56 Grit Wallasey Docks Link South to Bidston Link Road
- 57 Travel to Leasowe Road / Gardenside
- 58 Grit Gardenside, Twickenham Drive to Cameron Road
- 59 Grit Cameron Road, Grant Road, Ross Avenue and return to Twickenham Drive
- 60 Grit Twickenham Drive from Cameron Road to Leasowe Recreation Centre Service Road
- 61 Grit Leasowe Recreation Centre Service Road
- 62 Travel to Twickenham Drive
- 63 Grit Twickenham Drive to Castleway South
- 64 Grit Castleway South to Birket Avenue and back to Twickenham Drive
- 65 Grit Castleway North from Twickenham Drive to Leasowe Road and back to Twickenham Drive
- 66 Grit Twickenham Drive to Wakefield Drive
- 67 Grit Wakefield Drive to Leasowe Road
- 68 Travel to Wakefield Drive / Blackheath Drive
- 69 Grit Blackheath Drive to Reeds Lane
- 70 Travel to Reeds Lane / Birket Avenue
- 71 Grit Birket Avenue to end

FINISH

Route No. 4 Red

- 1 Travel to Woodchurch Road / Ackers Road
- 2 Grit Ackers Road to Home Farm Road and back to Woodchurch Road
- 3 Grit Woodchurch Road eastbound from start of dual carriageway to railway bridge, at railway bridge stop gritting and turn around by driving along Woodchurch Road turning right into Prenton Dell Road drive to and turn left into Prenton Village Road drive along Prenton Village Road and turn left into Prenton Hall Road, drive along Prenton Hall Road and turn left into Woodchurch Road
- 4 Return to railway bridge and grit Woodchurch Road from railway bridge to end of dual carriageway stop gritting drive to and turn around at Ackers Road roundabout.
- 5 Grit Woodchurch Road from Ackers Road to bottom of northwest slip road/M53 Interchange and travel to northeast slip road and grit up to Woodchurch Road
- 6 Grit Woodchurch Road, Singleton Avenue / Borough Road to Central Station roundabout
- 7 Grit roundabout and travel to Town Link Viaduct eastbound
- 8 Grit Town Link Viaduct to New Chester Road
- 9 Grit New Chester Road southbound to Green Lane and grit roundabout
- 10 Grit New Chester Road southbound to A41 Bypass and travel round the roundabout
- 11 Grit New Chester Road northbound to Town Link Viaduct
- 12 Grit Town Link Viaduct westbound to Argyle Street (Central Station roundabout)
- 13 Grit Argyle Street from roundabout to Hamilton Square (north side)
- 14 Grit Hamilton Square to Hamilton Street
- 15 Grit Hamilton Street, Chester Street to Bridge Street (not Woodside Ferry)
- 16 Grit Woodside gyratory to Hamilton Street
- 17 Travel to Argyle Street via Sydney street and Sandford Street, to the junction of Hamilton Square/Cleveland Street
- 18 Turn left and grit Argyle Street / Hamilton Square to Bridge Street
- 19 Turn right and grit Bridge Street / Bridge Street to Hamilton Street
- 20 Travel to Chester Street
- 21 Grit Chester Street to New Chester Road / Green Lane roundabout.
- 22 Grit Campbeltown Road from roundabout to A41 Bypass and exit towards Birkenhead
- 23 Grit New Chester Road, Chester Street (Underpass) from Town Link Viaduct to Duncan Street
- 24 Grit Duncan Street to Hamilton Street

- 25 Grit Hamilton Street to Conway Street / Tunnel roundabout
- 26 Travel to Hamilton Street / Hinson Street.
- 27 Grit Hinson Street to Argyle Street
- 28 Grit Argyle Street from Hinson Street to Conway Street roundabout and grit roundabout
- 29 Grit Argyle Street to Central Station roundabout
- 30 Grit Wilbraham Street, Clifton Crescent, Borough Road to Singleton Avenue
- 31 Return to Borough Road / North Road
- 32 Grit North Road to Derby Road
- 33 Cross and grit Elm Road to Church Road
- 34 Travel to Church Road / Downham Road
- 35 Grit Downham Road to Old Chester Road
- 36 Travel to Old Chester Road / Union Street
- 37 Grit Union Street to New Chester Road
- 38 Travel to New Chester Road / Green Lane
- 39 Grit Green Lane (grit both sides of island) to Queen Street and turn left
- 40 Grit Queen Street from Green Lane to Old Chester Road (1st left)
- 41 Grit Old Chester Road from Queen Street to Green Lane
- 42 Travel to Queen Street / Top of Green Lane
- 43 Grit Queen Street, Hinderton Road from Green Lane to Argyle Street South
- 44 Grit Argyle Street South to Clifton Crescent (Central Station)
- 45 Travel to Borough Road / Whetstone Lane and turn left
- 46 Grit Whetstone Lane to Church Road and turn left
- 47 Grit Pearson Road/Argyle Street South to Hinderton Road
- 48 Travel to Whetstone Lane / Derby Road
- 49 Grit Derby Road to Greenway Road

- 50 Grit Greenway Road to Mount Road / Everest Road / Bebington Road roundabout
- 51 Travel to Church Road / Well Lane
- 52 Grit Well Lane to Old Chester Road (grit both sides of refuges)

- 53 Cross to St Pauls Road
- 54 Grit St Pauls Road to New Chester Road
- 55 Travel to Greenway Road / Prenton Road East
- 56 Grit Prenton Road East to Borough Road
- 57 Cross and grit Prenton Road West to Storeton Road
- 58 Cross and grit Prenton Lane, Prenton Hall Road to Woodchurch Road
- 59 Travel to Woodchurch Road / Prenton Dell Road
- 60 Grit Prenton Dell Road to Prenton Hall Road
- 61 Travel to Waterpark Road / Storeton Road
- 62 Grit Waterpark Road to Prenton Hall Road
- 63 Travel to Prenton Hall Road / Prenton Village Road
- 64 Grit Prenton Village Road east side from Prenton Hall Road to Prenton Hall Road
- 65 Travel to Prenton Village Road / Bramwell Avenue
- 66 Grit Bramwell Avenue to Glenavon Road
- 67 Grit Glenavon Road to Prenton Hall Road
- 68 Travel to Woodchurch Road / Holm Lane
- 69 Grit Holm Lane to Talbot Road
- 70 Travel to Bidston Road / Budworth Road
- 71 Grit Budworth Road to Wexford Road
- 72 Grit Wexford Road to Bidston Road
- 73 Return to Budworth Road / Wexford Road
- 74 Grit Budworth Road, West Road, Beryl Road to Noctorum Avenue
- 75 Travel to Noctorum Avenue / Upton Road
- 76 Grit Noctorum Avenue, Noctorum Way, Townfield Lane to Bidston Road
- 77 Cross Bidston Road and grit Gerald Road to RAB at Shrewsbury Road.

- 78 Travel around RAB and return along Gerald Road to Bidston Road.
- 79 Travel to Wexford Road / Mere Farm Road
- 80 Grit Mere Farm Road to Farndon Way
- 81 Grit Farndon Way to Townfield Lane

- 82 Travel to Noctorum Way / Wethersfield Road
- 83 Grit Wethersfield Road to Budworth Road / West Road
- 84 Travel to West Road / Westway
- 85 Grit Westway to Noctorum Avenue / Noctorum Way
- 86 Travel to Townfield Lane / Shavington Avenue
- 87 Grit Shavington Avenue to Overton Way
- 88 Grit Overton Way to Holm Lane

FINISH

Route No. 5 Purple

- 1 Travel to Upton Road / Warren Drive
- 2 Grit Upton Road eastward to Lymm Road and grit roundabout
- 3 Grit Lymm Road to Broadheath Avenue
- 4 Grit Broadheath Avenue to end. Travel to Proudman Drive and grit Proudman Drive to Denham Close only
- 5 Travel to Lymm Road/Broadheath Avenue and grit Lymm Road to Eleanor Road
- 6 Grit Eleanor Road to Statham Road
- 7 Grit Statham Road to end and return to Upton Road
- 8 Grit Upton Road, Park Road North to Laird Street, Birkenhead
- 9 Grit Park Road North, Conway Street from Laird Street to Hamilton Street / Tunnel Approach roundabout
- 10 Grit roundabout and grit Conway Street to Europa Boulevard
- 11 Grit Europa Boulevard to Price Street
- 12 Grit Europa Boulevard to Conway Street including roundabout on Europa Boulevard
- 13 Travel to Conway Street junction with Clwyd Street
- 14 Grit Clwyd Street and Europa Pools Service Road to Conway Street
- 15 Travel to Borough Road / Whetstone Lane and turn right
- 16 Grit Whetstone Lane, Atherton Street, Exmouth Street, Watson Street, Rendel Street to Tower Road / Canning Street roundabout
- 17 Turn right and grit Canning Street to Hamilton Street
- 18 Travel around circulatory to Canning Street and grit access slip from Hamilton Street
- 19 Travel to Canning Street / Shore Road
- 20 Grit Shore Road (including both sides of refuges and building at Hamilton Street end)
- 21 Travel to Canning Street, junction Argyle Street
- 22 Grit Argyle Street from Canning Street to Bridge Street
- 23 Travel to Cleveland Street / Argyle Street
- 24 Grit Cleveland Street to Corporation Road / Cavendish Street roundabout
- 25 Travel to start of Beaufort Road
- 26 Grit Beaufort Road to Stanley Road / Wallasey Bridge Road roundabout and grit roundabout exiting to Wallasey

- 27 Grit Wallasey Bridge Road to Docks Link roundabout and return to Beaufort Road roundabout
- 28 Grit Stanley Road to St James Church / Laird Street
- 29 Grit Laird Street, Park Road North to Cavendish Street
- 30 Travel to Park Road North / Duke Street
- 31 Grit Duke Street to Dock Road (grit slip roads)
- 32 Travel to Dock Road / Tower Road roundabout
- 33 Grit Tower Road to Rendel Street and grit roundabout
- 34 Travel to Rendel Street / Corporation Road
- 35 Grit Corporation Road to St James Church
- 36 Travel to Upton Road / Boundary Road and turn left
- 37 Grit Boundary Road, Bidston Road, Talbot Road, Mill Hill, Ingestre Road, Storeton Road to Woodchurch Road
- 38 Travel to Woodchurch Road / Singleton Avenue lights
- 39 Grit Woodchurch Road, Oxtan Road from lane separation to Grange Road West / Whetstone Lane
- 40 Travel to Claughton Road / Exmouth Street and turn right
- 41 Grit Claughton Road to Hemingford Street and return to Exmouth Street
- 42 Grit Claughton Road, Park Road South, Park Road West to Park Road North and turn around
- 43 Grit Park Road West to Park Road South / Palm Grove
- 44 Travel to Park Road North / Ashville Road
- 45 Grit Ashville Road (both sides of any refuges) to Park Road West
- 46 Exit to St Davids Road
- 47 Grit St Davids Road to Egerton Road / Forest Road roundabout and grit roundabout
- 48 Travel to Shrewsbury Road / Tollemache Road and turn to Claughton
- 49 Grit Shrewsbury Road to Upton Road
- 50 Travel to Upton Road / Tollemache Road
- 51 Grit Tollemache Road northwards to St James Road and turn around
- 52 Grit Tollemache Road, Egerton Road to Park Road West
- 53 Travel to Park Road South / Slatey Road
- 54 Grit Slatey Road to Christchurch Road
- 55 Grit Christchurch Road to Rose Mount

- 56 Grit Rose Mount to Ingestre Road
- 57 Travel to Christchurch Road / Palm Hill
- 58 Grit Palm Hill to Shrewsbury Road / Balls Road
- 59 Travel to Shrewsbury Road / Columbia Road
- 60 Grit Columbia Road to Village Road
- 61 Travel to Slatey Road / Devonshire Road
- 62 Grit Devonshire Road westwards, Devonshire Place, Manor Hill to St David Road roundabout
- 63 Travel to Forest Road / St David Road roundabout
- 64 Grit Forest Road southward to Howbeck Road
- 65 Grit Howbeck Road to Bidston Road
- 66 Travel to Bidston Road / Ashburton Road
- 67 Grit Ashburton Road to Tollemache Road
- 68 Travel to Tollemache Road / Shrewsbury Road
- 69 Grit Shrewsbury Road, Balls Road, Balls Road East to Borough Road
- 70 Travel to Borough Road / Salisbury Street
- 71 Grit Salisbury Street to Whetstone Lane
- 72 Travel to Whetstone Lane / Grange Road West
- 73 Grit Grange Road West to Cole Street
- 74 Grit Cole Street to Claughton Road
- 75 Return to Grange Road West via Eastbourne Road and turn left
- 76 Grit Grange Road West left filter onto Whetstone Lane / Exmouth Street
- 77 Travel to Claughton Road / Park Road East
- 78 Grit Park Road East, Vittoria Street to Corporation Road
- 79 Travel to Cleveland Street / Park Street
- 80 Grit Park Street, Freeman Street to Rendel Street
- 81 Travel to Cleveland Street / Old Bidston Road
- 82 Grit Old Bidston Road to Cavendish Street / Brassey Street including cul-de-sac section
- 83 Travel to Brassey Street, junction of Cavendish Street
- 84 Grit Brassey Street to Laird Street including both sides of islands

- 85 Travel to Boundary Road / Vyner Road South
- 86 Grit Vyner Road South to Upton Road
- 87 Grit Vyner Road North to Boundary Road
- 88 Grit Boundary Road to Bidston Village Road
- 89 Grit Bidston Village Road to Hoylake Road
- 90 Grit Valley Road to end
- 91 Return to Bidston Village Road / Boundary Road
- 92 Grit Bidston Village Road to Fender Way
- 93 Grit Fender Way, Warren Drive to Upton Road including both sides of islands
- 94 Travel to Upton Bypass / Manor Drive and turn right
- 95 Grit Manor Drive to Norwich Drive
- 96 Grit whole of Norwich Drive loop and return to Manor Drive
- 97 Grit Manor Drive, Sandbrook Lane to Cherry Tree Road
- 98 Grit Cherry Tree Road to Chapelhill Road
- 99 Grit Chapelhill Road to Stavordale Road and turn right
- 100 Grit Stavordale Road to Hoylake Road
- 101 Travel to Hoylake Road / Sandbrook Lane
- 102 Grit Sandbrook Lane to Cherry Tree Road
- 103 Travel to Sandbrook Lane / Croft Drive
- 104 Grit Croft Drive to Upton Road
- 105 Travel to Hoylake Road / Sandbrook Lane
- 106 Grit Sandbrook Lane filter to end of island
- 107 Travel to Glebelands Road
- 108 Grit Glebelands Road to Upton Road

FINISH

Route No. 6 Yellow

- 1 Travel to Birkenhead Road / Dock Road

- 2 Grit Birkenhead Road to Church Road
- 3 Grit Church Road to St Pauls Road and return via Church Crescent to roundabout at Victoria Place
- 4 Travel to Church Road, junction of St Pauls Road
- 5 Grit Church Road, Brighton Street, King Street, Seabank Road, Rowson Street, to Kings Parade / Marine Promenade
- 6 Grit Marine Promenade to end and return
- 7 Grit Kings Parade to Atherton Street
- 8 Grit Atherton Street to St Georges Mount
- 9 Travel to Kings Parade promenade / Portland Street
- 10 Grit Portland Street to Albion Street
- 11 Grit Albion Street to Rowson Street
- 12 Travel to Rowson Street / Victoria Road
- 13 Grit Victoria Road to roundabout and return
- 14 Travel to Kings Parade / Atherton Street
- 15 Grit Kings Parade, Harrison Drive to junction Bayswater Road and turn around (NB Grit all roundabouts)
- 16 Grit Harrison Drive, Kings Parade to Marine Promenade / Rowson Street
- 17 Travel to Rowson Street / Victoria Road
- 18 Grit Victoria Road, Warren Drive to Grove Road and grit roundabout
- 19 Grit Grove Road to Harrison Drive
- 20 Grit Harrison Drive to Bayswater Road
- 21 Travel to Harrison Drive / Grove Road
- 22 Grit Wallasey Village to Breck Road / St Hilary Brow roundabout and turn left
- 23 Grit St Hilary Brow, Wallasey Road, Liscard Village to Liscard Crescent
- 24 Grit Liscard Crescent to Mill Lane
- 25 Grit Mill Lane to St Albans Road
- 26 Grit St Albans Road to Wallasey Road
- 27 Travel to Liscard Crescent and grit bus layby
- 28 Travel to Mill Lane / St Albans Road
- 29 Grit Mill Lane to Victoria Hospital

- 30 Grit Hospital Road
- 31 Grit Mill Lane, Poulton Bridge Road to Dock Road
- 32 Grit roundabout
- 33 Grit Poulton Bridge Road to Breck Road
- 34 Grit Breck Road to St Hilary Brow
- 35 Travel to Wallasey Village / Sandy Lane
- 36 Grit Sandy Lane to Claremount Road
- 37 Grit Claremount Road to St Hilary Brow
- 38 Travel to Claremount Road / Broadway Avenue
- 39 Grit Broadway Avenue to Belvidere Road
- 40 Travel to Claremount Road / Broadway
- 41 Grit Broadway, St Georges Road to Sandy Lane
- 42 Travel to Sandy Lane / Claremount Road
- 43 Grit Claremount Road to Grove Road
- 44 Travel to Grove Road / Rolleston Drive lights and turn right
- 45 Grit Rolleston Drive, Belvidere Road, Torrington Road, Marlowe Road, Woodstock Road, Oxtan Road, Gorsey Lane to roundabout
- 46 Grit roundabout and northbound slip and return to roundabout
- 47 Grit Gorsey Lane to Dock Road and back up to roundabout
- 48 Travel to Dock Road / Oakdale Road
- 49 Grit Oakdale Road to Vernon Avenue
- 50 Grit Vernon Avenue to Wheatland Lane
- 51 Travel to Wheatland Lane / St Pauls Road
- 52 Grit St Pauls Road to Church Road
- 53 Travel to Brighton Street / Borough Road
- 54 Grit Borough Road to Poulton Road
- 55 Grit Liscard Road to Brougham Road
- 56 Grit Brougham Road to Brighton Street
- 57 Travel to Poulton Road
- 58 Grit Poulton Road to Mainwaring Road

- 59 Grit Mainwaring Road to Liscard Road
- 60 Grit Liscard Road to Mill Lane
- 61 Travel to Liscard Village / Liscard Crescent lights
- 62 Grit Liscard Village, Rake Lane, Rowson Street to Seabank Road
- 63 Travel to Albion Street / Dudley Road
- 64 Grit Dudley Road to Hamilton Road and turn right
- 65 Grit Hamilton Road to Mount Road and turn left
- 66 Grit Mount Road, Kirkway, Earlston Road, Penkett Road to Steele Avenue
- 67 Grit Steel Avenue to Seabank Road
- 68 Travel to the junction of Magazine Lane (West) Seabank Road
- 69 Grit Magazine Lane between Seabank Road and Rowson Street
- 70 Cross to Mount Pleasant Road and grit to Hose Side Road
- 71 Grit Hose Side Road, to Warren Drive roundabout
- 72 Travel to Hose Side Road / Seaview Road
- 73 Grit Seaview Road to Earlston Road
- 74 Grit Earlston Road to Kirkway
- 75 Return to Seaview Road / Earlston Road
- 76 Grit Seaview Road to Wallasey Road / Liscard Village
- 77 Travel to Liscard Village / Manor Road
- 78 Grit Manor Road to Seabank Road
- 79 Travel to Seabank Road / Trafalgar Road
- 80 Grit Trafalgar Road to Stringhey Road
- 81 Grit Stringhey Road, Penkett Road to Zig Zag Road / Steele Avenue
- 82 Grit Zig Zag Road to Rake Lane and return to Withens Lane
- 83 Grit Withens Lane to Martins Lane / Serpentine Road
- 84 Grit Serpentine Road to Liscard Road
- 85 Travel to Liscard Road / Martins Lane
- 86 Grit Martins Lane to Withens Lane (grit both sides of island)
- 87 Travel to Manor Road / Grosvenor Street
- 88 Grit Grosvenor Street to Martins Lane

- 89 Travel to Trafalgar Road / Serpentine Road
- 90 Grit Trafalgar Road to Stringhey Road
- 91 Travel to Church Street / Brighton Street
- 92 Grit Church Street to Liscard Road (grit both sides of island) and turn left
- 93 Turn 1st right to Parkside
- 94 Grit Parkside, Hampstead Road to Poulton Road
- 95 Travel to Poulton Road / Brentwood Street / Rycroft Road
- 96 Grit Rycroft Road to Gorsedale Road and turn left
- 97 Grit Gorsedale Road to Oakdale Road
- 98 Grit Oakdale Road to Vernon Avenue

FINISH

Route No. 7 Lime

- 1 Travel to Moreton Road / Royden Road, Upton
- 2 Grit Royden Road to Upton Bypass and travel to Upton Bypass / Greasby Road roundabout
- 3 Grit Greasby Road, Frankby Road, Black Horse Hill to Column Road
- 4 Travel to Grange Road / Dee Lane
- 5 Grit Dee Lane to end and return to Dee Lane / Banks Road
- 6 Grit Banks Road to Sandy Lane
- 7 Grit Sandy Lane to Village Road / Caldy Road
- 8 Grit Village Road to St Bridgets Lane
- 9 Grit St Bridgets Lane / Ludlow Drive to Sandy Lane
- 10 Travel to Village Road / Caldy Road
- 11 Grit Caldy Road to Column Road / Montgomery Hill roundabout
- 12 Grit Montgomery Hill to Hillbark Road and turn left
- 13 Grit Hillbark Road to Frankby Road
- 14 Travel to Frankby Road / Greasby Road lights
- 15 Grit Greasby Road southwards to Arrowe Road
- 16 Grit Arrowe Road to Rigby Drive
- 17 Grit Rigby Drive to school and return
- 18 Grit Arrowe Road, Arrowe Brook Road to Arrowe Park Road and turn
- 19 Grit Arrowe Brook Road to Arrowe Brook Lane
- 20 Grit Arrowe Brook Lane to Mill Hill Road roundabout
- 21 Grit Mill Hill Road to Thingwall Road
- 22 Travel to Thurstaston Road / Manor Road, Irby
- 23 Grit Manor Road to Mill Hill Road
- 24 Travel to Mill Hill Road / Mill Lane
- 25 Grit Mill Lane to Greasby Road
- 26 Travel to Greasby Road / Well Lane
- 27 Grit Well Lane to Frankby Road roundabout and grit roundabout
- 28 Travel to Mill Hill Road / Hillbark Road

- 29 Grit Hillbark Road to Montgomery Hill
- 30 Travel to Column Road / Grange Cross Lane
- 31 Grit Grange Cross Lane to Newton Park Road
- 32 Cross to Ennisdale Drive
- 33 Grit Ennisdale Drive to Black Horse Hill
- 34 Travel to Saughall Massie Road/China Farm lane
- 35 Grit China Farm lane to Frankby Road
- 36 Travel to Frankby Road / Newton Cross Lane
- 37 Grit Newton Cross Lane to Newton Park Road
- 38 Grit Newton Park Road, Grammar School Lane to Column Road and turn right
- 39 Travel to Column Road / Village Road
- 40 Grit Village Road to St Bridgets Lane
- 41 Travel to Sandy Lane / Hilbre Road
- 42 Grit Hilbre Road, Westbourne Road to Grange Road
- 43 Travel to Grange Road / Bridge Road
- 44 Grit Bridge Road to Anglesey Road / Orrysdale Road
- 45 Grit Anglesey Road, Greenbank Road to Saughall Massie Road / Black Horse Hill
- 46 Grit Saughall Massie Road to end of bypass and turn left to Saughall Road
- 47 Grit Saughall Road to Hoylake Road
- 48 Cross to Millhouse Lane and grit to 1st Town Meadow Lane junction on right hand side
- 49 Grit Town Meadow Lane to Millhouse Lane and turn left
- 50 Grit Millhouse Lane to Town Meadow Lane junction
- 51 Travel to Birkenhead Road / Heron Road roundabout and grit roundabout
- 52 Grit Heron Road, Pump Lane to Frankby Road
- 53 Travel to Greasby Road / Arrowe Road and turn right
- 54 Grit Greasby Road to Frankby Road
- 55 Travel to Saughall Massie Road via Greasby Road, Upton Bypass
- 56 Grit Saughall Massie Road from Upton Bypass to Saughall Massie Bypass
- 57 Turn 1st right to West Kirby Road and grit to Saughall Road
- 58 Travel to Saughall Road / Acton Lane

- 59 Grit Acton Lane to Hoylake Road
- 60 Cross to Bermuda Road and grit to Town Meadow Lane and turn right
- 61 Grit Town Meadow Lane to Edge Hill Road
- 62 Grit Edge Hill Road to Bermuda Road
- 63 Travel to Bermuda Road / Town Meadow Lane and turn left
- 64 Grit Town Meadow Lane to Mill House Lane and turn around
- 65 Travel to Maryland Lane
- 66 Grit Maryland Lane to Pasture Road
- 67 Travel to Hoylake Road / Borrowdale Road
- 68 Grit Borrowdale Road, Overchurch Road to Saughall Massie Road
- 69 Travel to Upton Bypass / Old Greasby Road roundabout
- 70 Grit Old Greasby Road to Moreton Road
- 71 Grit The Village, Ford Road to Manor Drive
- 72 Travel to Ford Road / Salacre Lane
- 73 Grit Salacre Lane to Upton Bypass
- 74 Cross to Houghton Road
- 75 Grit Houghton Road to end
- 76 Travel to Meadow Crescent / Pool Lane
- 77 Grit Pool Lane to Arrowe Park Road
- 78 Return to Pool Lane / Meadow Crescent
- 79 Grit Meadow Crescent to Church Lane
- 80 Grit Church Lane to Arrowe Park Road traffic lights
- 81 Travel to Home Farm Road, junction Church Lane
- 82 Grit Home Farm Road to New Hey Road
- 83 Grit New Hey Road to Houghton Road

- 84 Travel to Houghton Road / Pemberton Road
- 85 Grit Pemberton Road to Home Farm Road
- 86 Travel to New Hey Road / Carr Bridge Road

FINISH

Route No. 8 Orange

- 1 Travel to New Chester Road / St Pauls Road
- 2 Grit New Chester Road from Bypass roundabout to Bolton Road roundabout, New Ferry and grit exit to Bolton Road
- 3 Grit Bolton Road to Greendale Road and turn left
- 4 Grit Greendale Road to Wood Street
- 5 Grit Wood Street to The Ginnel
- 6 Grit The Ginnel to Bolton Road
- 7 Travel to Bolton Road / Greendale Road and turn left and right to Ellens Lane **BRIDGE LOCATED IN ELLENS LANE**
- 8 Grit Ellens Lane to Bromborough Road and turn left **BRIDGE LOCATED IN ELLENS LANE**
- 9 Grit Bromborough Road to Spital Road roundabout and turn right **BRIDGE LOCATED IN BROMBOROUGH ROAD**
- 10 Travel to Dibbins Hey / Poulton Road, Spital
- 11 Grit Dibbins Hey to second junction Venables Drive
- 12 Grit Venables Drive to Dibbins Hey
- 13 Travel to Warren Hey junction Venables Drive
- 14 Grit Warren Hey to Poulton Road
- 15 Grit Poulton Royd Drive to Poulton Road
- 16 Travel to Spital Road / Church Road
- 17 Grit Church Road, The Village to Civic Way
- 18 Grit Civic Way to Church Road and turn left and 1st right to The Wiend
- 19 Grit The Wiend to Bromborough Road and turn left
- 20 Grit Bromborough Road to The Village and turn right
- 21 Grit The Village, Bebington Road to Old Chester Road / Bebington station
- 22 Grit Old Chester Road including The Oval one-way road and the Oval sports centre car park to Grove Road, Rock Ferry
- 23 Grit Grove Road to Bedford Road
- 24 Travel to Bedford Road / Highfield Road
- 25 Grit Highfield Road to Rock Lane West
- 26 Travel to Old Chester Road / Grove Road

- 27 Grit Old Chester Road, Queen Street, to Holt Hill
- 28 Grit Holt Hill to Pearson Road and turn left
- 29 Grit Church Road, Bebington Road, Old Chester Road to Bebington station lights and turn right
- 30 Travel to The Village / Heath Road
- 31 Grit Heath Road, Teehey Lane, Kings Road, Borough Road to Singleton Avenue
- 32 Travel to Church Road / Mount Road / Bebington Road roundabout
- 33 Grit Mount Road, The Wiend to Borough Road
- 34 Cross to Thornton Road
- 35 Grit Thornton Road to Mount Road and turn right
- 36 Travel to Mount Road / Storeton Road lights and turn right
- 37 Grit Mount Road, Bedford Drive to Bedford Avenue roundabout and turn right
- 38 Travel to next right and grit Hesketh Avenue to Borough Road
- 39 Travel to Bebington Road / Bedford Drive roundabout and exit to Bedford Avenue
- 40 Grit Bedford Avenue, Bedford Road to Mersey Lane South
- 41 Grit Mersey Lane South to Rock Lane East
- 42 Grit Rock Lane East to New Chester Road
- 43 Turn right on to New Chester Road and travel to junction with Bedford Road
- 44 Travel along Bedford Road to junction with Old Chester Road and turn left.
- 44 Travel along Old Chester Road to junction of Old Chester Road / Highfield South
- 45 Grit Highfield South to Rock Lane West and turn left
- 46 Travel to Kings Lane traffic lights
- 47 Grit Kings Lane, Broadway to Mount Road and turn left
- 48 Travel to Mount Road / Village Road
- 49 Grit Village Road to Kings Road and turn left
- 50 Travel to Town Lane
- 51 Grit Town Lane to Old Chester Road and turn right
- 52 Travel to Old Chester Road / Bebington Road lights and turn left

- 53 Grit Bebington Road to Boundary Road
- 54 Grit Boundary Road to New Chester Road and turn left
- 55 Travel to New Chester Road / New Ferry Road
- 56 Grit New Ferry Road to Shorefields
- 57 Grit Shorefields and return to New Ferry Road
- 58 Grit New Ferry Road to The Dell
- 59 Grit The Dell to Proctor Road
- 60 Grit Proctor Road to New Chester Road
- 61 Travel to Bromborough Road / Quarry Road East, Bebington
- 62 Grit Quarry Road East to Church Road
- 63 Travel to Church Road / Stanton Road
- 64 Grit Stanton Road to Peter Prices Lane
- 65 Grit Peter Prices Lane to Brackenwood Road
- 66 Grit Brackenwood Road to Mount Road and return to Peter Prices Lane junction
- 67 Grit Brackenwood Road to Bracken Lane
- 68 Travel to Heath Road / Pulford Road
- 69 Grit Pulford Road / Higher Bebington Road to Teehey Lane
- 70 Travel to Woodchurch Road / Singleton Avenue
- 71 Grit Woodchurch Road to railway bridge

FINISH

Route No. 9 Pink

- 1 Travel to Arrowe Park Road / Thingwall Road East roundabout
- 2 Grit Thingwall Road East, Pensby Road to Telegraph Road
- 3 Cross and grit The Mount to Dawstone Road
- 4 Grit Dawstone Road, Well Lane to Telegraph Road
- 5 Travel to Dawstone Road / Baskervyle Road
- 6 Grit Baskervyle Road to Gayton Road and turn left
- 7 Grit Gayton Road to Cottage Lane
- 8 Grit Cottage Lane to Lilleyfield
- 9 Grit Lilleyfield to Long Meadow
- 10 Grit Long Meadow to Cottage Lane
- 11 Travel to Well Lane / Gayton Road
- 12 Grit Well Lane to Gayton Lane
- 13 Grit Gayton Lane to Dee Park Road
- 14 Grit Dee Park Road, Latchford Road to Gayton Parkway
- 15 Grit Gayton Parkway to Boathouse Lane
- 16 Travel to Chester Road / Gayton Lane
- 17 Grit Gayton Lane to Dee Park Road
- 18 Travel to Gayton Lane / Well Lane
- 19 Grit Well Lane to Dawstone Road
- 20 Travel to Gayton Road / Baskervyle Road
- 21 Grit Gayton Road to Station Road / Wallrake
- 22 Grit Station Road to end and return
- 23 Grit Wallrake to Dawstone Road and travel to Dawstone Road / Hillside Road
- 24 Grit Hillside Road to Telegraph Road
- 25 Travel to Gayton Road / Village Road
- 26 Grit Village Road, Thurstaston Road to Telegraph Road and turn right
- 27 Travel Telegraph Road and turn left into Poll Hill Road

- 28 Grit Poll Hill Road to end
- 29 Turn left onto Pensby Road and travel Pensby Road to junction with Irby Road
- 30 Turn left into Irby Road and travel along Irby Road turning left into Quarry Road East
- 31 Grit Quarry Road East then cross Telegraph Road into Quarry Road West
- 32 Grit Quarry Road West to Oldfield Road and turn right
- 33 Grit Oldfield Road to Oldfield Drive
- 34 Return to Oldfield Road / Quarry Road West
- 35 Grit Oldfield Road to Thurstaston Road
- 36 Travel to Thurstaston Road / Delavor Road
- 37 Grit Delavor Road to Broad Lane
- 38 Grit Broad Lane to Banks Road
- 39 Grit Banks Road to end
- 40 Travel to Delavor Road / Pipers Lane
- 41 Grit Pipers Lane to Redstone Drive
- 42 Grit Redstone Drive to Oldfield Drive
- 43 Travel to Thurstaston Road / Dee View Road
- 44 Grit Dee View Road to Dawstone Road / Rocky Lane
- 45 Grit Rocky Lane to Telegraph Road cross Telegraph Road to Downham Road South
- 46 Grit Downham Road South to Milner Road
- 47 Grit Milner Road to Barnston Road
- 48 Return to Milner Road / Whitfield Lane
- 49 Grit Whitfield Lane to Pensby Road
- 50 Travel to Pensby Road / Irby Road
- 51 Grit Irby Road, Thurstaston Road to Telegraph Road
- 52 Cross and grit Station Road to end and return to Church Lane
- 53 Grit Church Lane to Telegraph Road
- 54 Travel to Thurstaston Road / Thingwall Road
- 55 Grit Thingwall Road / Thingwall Road East to Pensby Road
- 56 Travel to Barnston Road / Sparks Lane
- 57 Grit Sparks Lane to Pensby Road

- 58 Travel to Pensby Road / Whaley Lane
- 59 Grit Whaley Lane to Thingwall Road
- 60 Travel to Pensby Road / Fishers Lane
- 61 Grit Fishers Lane to Irby Road and turn left
- 62 Travel to Irby Road / Kylemore Drive
- 63 Grit Kylemore Drive to Nelson Drive
- 64 Grit Nelson Drive to Fishers Lane
- 65 Travel to Fishers Lane / Kentmere Drive
- 66 Grit Kentmere Drive to Old Wood Road and turn right
- 67 Grit Old Wood Road to Portal Road
- 68 Grit Portal Road to Nelson Drive and turn left
- 69 Travel to Nelson Drive / Kylemore Drive and turn left
- 70 Grit Kylemore Drive to Old Wood Road and turn left
- 71 Grit Old Wood Road to Fishers Lane
- 72 Return to Kylemore Drive / Old Wood Road
- 73 Grit Kylemore Drive to Pensby Road
- 74 Travel to Ridgewood Drive / Pensby Road
- 75 Grit Ridgewood Drive to Fishers Lane
- 76 Travel to Pensby Road / Gills Lane
- 77 Grit Gills Lane to Barnston Road

FINISH

Route No. 10 Blue

- 1 Travel to Brimstage Road / Clatterbridge Road roundabout
- 2 Grit Brimstage Road, Spital Road from roundabout to Croft Avenue East and turn left
Grit Croft Avenue East to New Chester Road and turn left
- 3 Travel to Mill Road / New Chester Road, turn left and grit Mill Road to Spital Road
- 4 Travel to Caldbeck Road
- 5 Grit Caldbeck Road to Stadium Road and turn around
- 6 Travel to Welton Road, turn right at the junction nearest to New Chester Road
- 7 Grit Welton Road, loop back to Caldbeck Road and grit to New Chester Road
- 8 Travel to Croft Avenue East / Spital Road and turn left
- 9 Grit Spital Road to Mark Rake
- 10 Grit Mark Rake to The Rake
- 11 Grit The Rake to Ecclestone Avenue
- 12 Grit Ecclestone Avenue to Palatine Road
- 13 Grit Palatine Road to Mark Rake
- 14 Travel to Spital Road / Croft Avenue
- 15 Grit Croft Avenue to Croft Lane
- 16 Grit Croft Lane to Mark Rake
- 17 Travel to The Rake / Ashfield Road
- 18 Grit Ashfield Road to Acre Lane
- 19 Grit Acre Lane to Beechwood Road
- 20 Grit Beechwood Road to The Rake
- 21 Grit The Rake from Mark Rake / Valley Road to Bromborough Village Road (grit both sides of monument) and return to The Rake / Allport Lane (2nd left)
- 22 Grit Allport Lane to shops (1st left)
- 23 Grit Allport Lane shops (both sides of refuges) to The Rake
- 24 Travel to Allport Lane (shops) junction
- 25 Grit Allport Lane to Acre Lane
- 26 Grit Acre Lane to Dawpool Drive
- 27 Grit Dawpool Drive to Allport Road

- 28 Grit Allport Road, Raby Hall Road, Raby Mere Road to Willaston Road
- 29 Travel to Allport Road / Dibbinsdale Road
- 30 Grit Dibbinsdale Road, Poulton Road to Poulton Hall Road
- 31 Travel to Poulton Hall Road/Thornton Common Road
- 32 Grit Poulton Hall Road/Blakeley Road to Raby Hall Road
- 33 Travel to Allport Road / Dawpool Drive
- 34 Grit Allport Road to New Chester Road and turn left
- 35 Travel to New Chester Road / Bromborough Village Road
- 36 Grit Bromborough Village Road to Mark Rake
- 37 Travel to Allport Lane / Acre Lane
- 38 Grit Allport Lane to Allport Road
- 39 Cross to Bridle Road
- 40 Grit Bridle Road to New Chester Road and turn right
- 41 Travel to M53 junction 5 Hooton and exit to North Road, Eastham
- 42 Grit North Road to Bankfields Drive
- 43 Grit Bankfields Drive to Powerhouse Road
- 44 Travel to New Chester Road / Eastham Village Road (southern end)
- 45 Grit Eastham Village Road to New Chester Road and turn left
- 46 Travel to New Chester Road / Stanley Lane
- 47 Grit Stanley Lane to Eastham Village Road
- 48 Travel to Eastham Village Road / Rivacre Road
- 49 Grit Rivacre Road to boundary (face of motorway flyover)
- 50 Travel to Eastham Village Road / Ferry Road
- 51 Grit Ferry Road to end including access road to Visitor Centre and Country Park car park
- 52 Travel to Eastham Village Road / New Chester Road and turn right
- 53 Travel via Heygarth Road, Bridle Road to Allport Road / New Chester Road and turn right
- 54 Travel to New Chester Road / Eastham Village Road

- 55 Grit left hand slip to Eastham Village Road and travel to New Chester Road / Eastham Rake
- 56 Grit Eastham Rake to motorway bridge face and travel to Brookhurst Avenue
- 57 Grit Brookhurst Avenue to Allport Road and turn right
- 58 Travel to Allport Road / Plymyard Avenue
- 59 Grit Plymyard Avenue to Eastham Rake
- 60 Travel to Eastham Rake / Mill Park Drive (western end)
- 61 Grit Mill Park Drive to Eastham Rake
- 62 Travel to Plymyard Avenue / Lyndale Avenue
- 63 Grit Lyndale Avenue to Bridle Road
- 64 Travel to New Chester Road / Heygarth Road
- 65 Grit Heygarth Road to Plymyard Avenue
- 66 Travel to Allport Road / Morland Avenue
- 67 Grit Morland Road to Raeburn Avenue
- 68 Grit Raeburn Avenue to Heygarth Road
- 69 Travel to New Chester Road / Old Hall Road
- 70 Grit Old Hall Road to Stadium Road
- 71 Grit Stadium Road to Thermal Road
- 72 Grit Thermal Road to Dock Road South and turn right
- 73 Grit Dock Road South to end and travel to Thermal Road
- 74 Grit Dock Road South to Port Causeway
- 75 Grit Port Causeway to Thermal Road end
- 76 Travel to Dock Road South / Port Causeway
- 77 Grit Port Causeway to New Chester Road
- 78 Travel to New Chester Road / Pool Lane
- 79 Grit Pool Lane to South View
- 80 Travel to Old Court House Road / Pool Lane
- 81 Grit Old Court House Road to Thermal Road
- 82 Travel to Riverwood Road

- 83 Grit Riverwood Road to Riverview Road
- 84 Grit Riverview Road to Commercial Road
- 85 Grit Commercial Road to Riverbank Road
- 86 Grit Riverbank Road to Thermal Road
- 87 Travel to Stadium Road / Commercial Road
- 88 Grit Commercial Road to Riverview Road
- 89 Turn and grit other side of island at junction of Stadium Road
- 90 Travel to Plantation Road / Riverview Road
- 91 Grit Plantation Road to Stadium Road / Old Hall Road
- 92 Travel to Plantation Road / Power Road
- 93 Grit Power Road to Riverwood Road

FINISH

Mini Gritter Route 1

- 1 Travel to Woodchurch Road / Holmlands Drive, Prenton
- 2 Grit Holmlands Drive and Christleton Close to end
- 3 Return to junction Holmlands Drive / Christleton Close
- 4 Grit Holmlands Drive to Prestbury Avenue
- 5 Travel to Holmlands Drive / Holmlands Way
- 6 Grit Holmlands Way to Oulton Close
- 7 Return to Holmlands Drive / Prestbury Avenue
- 8 Grit Prestbury Avenue from Holmlands Drive to Holmlands Drive
- 9 Travel to Waterpark Road / Northwood Drive, Prenton
- 10 Grit Northwood Road to Prenton Village Road
- 11 Travel to Storeton Road / Fairview Road, Oxton
- 12 Grit Fairview Road to Bennetts Hill

Mini Gritter Route 2

- 1 Travel to Mount Road / Mill Road, Bebington
- 2 Grit Mill Road to Village Road
- 3 Travel to Kings Road / Well Lane
- 4 Grit Well Lane to Mill Road
- 5 Travel to Mill Road / Linkside
- 6 Grit Linkside to Kings Road
- 7 Travel to Kings Road / Princes Boulevard
- 8 Grit Princes Boulevard to Kings Lane
- 9 Travel to Old Chester Road / Bedford Road
- 10 Travel New Chester Road / Rock Lane West
- 11 Grit Rock Lane West to Victoria Drive
- 12 Turn left into Victoria Drive **[avoiding 3T weight restriction on Bridge]**
- 13 Travel to Dock Road South to junction with the Biffa Depot
- 14 Grit Biffa Depot service road
- 15 Travel to Mill Park Drive / Crosthwaite Avenue, Eastham
- 16 Grit Crosthwaite Avenue to end and turn right
- 17 Grit Thornleigh Avenue to Mill Park Drive

Mini Gritter Route 3

- 1 Travel to Thurstaston Road / School Lane, Thurstaston
- 2 Grit School Lane to end
- 3 Travel M53 to junction 2, Moreton
- 4 Grit motorway from bottom of exit slip road to Upton Bypass roundabout
- 5 Travel around roundabout and exit to motorway
- 6 Grit from roundabout to bottom of entrance slip road
- 7 Travel to Beechwood Drive, Beechwood
- 8 Grit Beechwood Drive to end
- 9 Travel to Worcester Road / Observatory Road, Bidston
- 10 Grit Observatory Road to Boundary Road
- 11 Travel to Bidston Avenue
- 12 Grit Bidston Avenue from Tollemache Road to Norman Street / Park Road North
- 13 Travel to Shrewsbury Road / St Aidens Terrace
- 14 Grit St Aidens Terrace to roundabout

Mini Gritter Route 4

- 1 Travel to Seabank Road / Holland Road
- 2 Grit Holland Road, Magazine Brow and Magazine Lane (East side only)
- 3 Travel to Seabank Road / Vaughan Road
- 4 Grit Vaughan Road to end and travel to Vaughan Road / Maitland Road
- 5 Grit Maitland Road to Dalmorton Road
- 6 Travel to Dalmorton Road / Tower Promenade, New Brighton
- 7 Grit Dalmorton Road to end
- 8 Travel to Sandringham Drive
- 9 Grit Sandringham Drive to Gorsehill Road
- 10 Grit Gorsehill Road to Mount Road
- 11 Travel to Virginia Road / Waterloo Road
- 12 Grit Waterloo Road to Victoria Parade
- 13 Travel to Greenleas Road / Greenleas Close
- 14 Grit Greenleas Close outside school

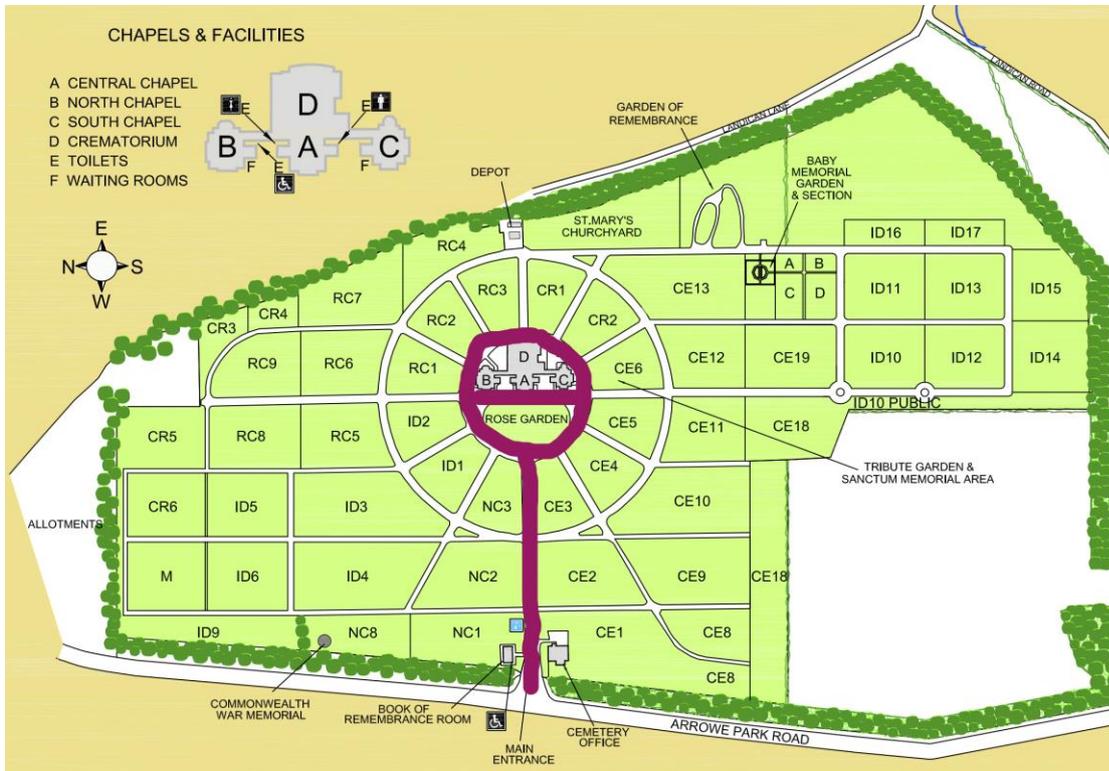
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PLEASE NOTE

Landican Cemetry to be gritted using Mini Gritter. See Map below

Gritting routes are recorded on Wirral Maps - Mapinfo

Landican Cemetery – Route in red



Appendix 2 - Driven Inspection Routes

When deemed necessary by the Winter Decision Maker an instruction will be given, to the Senior Winter Supervisor and the two Winter Supervisors, to carry out Driven Inspections to ascertain the surface conditions of various roads in order to determine whether gritting vehicles need to be dispatched.

Driven Inspection - Route 1

Tower Road
Chester Street (Town Link Viaduct)
Woodside
A41 / New Chester Road
Dibbinsdale Road
Poulton Hall Road
Thornton Common Road
Raby Mere Road
Raby Hall Road
Parkgate Lane
Well Lane
Benty Heath Lane
Borough Road
Singleton Avenue
Woodchurch Road

Driven Inspection - Route 2

Arrowe Park Road
Saughall Massie Road
Saughall Massie Road (by bridge)
West Kirby Road
Pump Lane
China Farm Lane
Heron Road
Birkenhead Road
Meols Drive
Grange Road
Column Road
Telegraph Road
Well Lane
Cottage Lane
Gayton Lane
Barnston Lane
Brimstage Lane

Driven Inspection - Route 3

Birkenhead Road
Church Road
King Street
Seabank Road
Rowson Street
Brighton Street 2
Kings Parade
Fender Lane
Upton Road and Bypass
Bidston Bypass
Bidston Link Road
Leasowe Road
Pasture Road
Hoylake Road
Wallasey Dock Link North
Wallasey Dock Link South
North Wallasey Approach Road
Poulton Bridge Road
Dock Road
Gorse Lane

Appendix 3 - Areas to be considered for gritting in severe weather

CAR PARKS

The list below details car parks that may be considered for treatment during prolonged periods of severe weather:

The Priority Rating is

1 High

2 Medium

3 Low

<u>Area</u>	<u>Road</u>	<u>Priority</u>
Bebington	Barlow Avenue	2
	Church Road (rear of shops)	2
Birkenhead	Atherton Street	1
	Barton Street	1
	Duncan Street	1
	Elgin way	1
	Europa Pool	1
	Europa Square	1
	Exmouth Street (rear of The Lauries)	1
	Hamilton Building, Conway Street	1
	Hinson Street	1
	Old Chester Road / Chamberlain Street	1
	Old Chester Road / Green Lane	1
	Oliver Street – by Shopmobility	1
	St John Street (Shopmobility)	1
	Turner Street	1
	Wilbraham Street	1
Woodside Ferry Approach	1	

The list below details car parks that may be considered for treatment during prolonged periods of severe weather:

<u>Area</u>	<u>Road</u>	<u>Priority</u>
Bromborough	Allport Lane (lower half of Co-op car park)	1
	Allport Lane (main car park)	1
Eastham	Mill Park Drive (Eastham library)	1
Heswall	May Road / Pye Road	1
	Mount Avenue (rear of Heswall Hall)	1
	Puddydale	1
	Rocky Lane	1
	Upper Mount Avenue (not pub carpark)	1
Higher Bebington	Roland Avenue	1
Hoylake	Carr Lane Park & Ride	1
	Market Street (adjacent to primary school)	1
Irby	Roslin Road	2
Liscard	Liscard Crescent	1
	Liscard Village	1
	Manor Road	1
	Seaview Road	1
Moreton	Garden Lane	3
	Holt Avenue	3
	Pasture Road	3

The list below details car parks that may be considered for treatment during prolonged periods of severe weather:

<u>Area</u>	<u>Road</u>	<u>Priority</u>
New Ferry	Grove Street (adjacent to school)	2
	Grove Street / Grove Square	2
	Woodhead Street	1
Seacombe	Rappart Road	3
Tranmere	Church Road	3
West Kirby	Dee Lane	3
	West Kirby Concourse	1

SHOPPING AREAS

The list below details shopping areas that may be considered for treatment during prolonged periods of severe weather:

BEBINGTON

<u>Area</u>	<u>Road</u>	<u>Priority</u>
Bebington	Broadway	3
	Bromborough Road	3
	Church Road	2
	Cross Lane	3
	Old Chester Road / Kings Lane	2
	Teehey Lane	2
	The Crescent	3
Bromborough	Acre Lane	3
	Allport Lane area	1
	Allport Road	3
	Beechwood Road	3
	Coronation Drive	3
Eastham	Clifton Avenue	3
	Eastham Village Road	2
	Mill Park Drive area	3
	Stanley Lane	3
New Ferry	Bebington Road	1
	New Chester Road	1
	New Ferry Road	3
	Old Chester Road / Bebington Road	2
Thornton Hough	Thornton Common Road	3

The list below details shopping areas that may be considered for treatment during prolonged periods of severe weather:

BIRKENHEAD

<u>Area</u>	<u>Road</u>	<u>Priority</u>
Arrowe Park	Arrowe Park Rd shops and Ford Road /The Village	2
Bidston	Hoylake Road	2
Birkenhead	Argyle Street	1
	Charing Cross area	2
	Conway Street	3
	Grange Road	1
	Grange Road West	2
	Laird Street	2
	Market Street	3
	Oxton Road	3
Claughton	Claughton Village	1
Overchurch	Royden Road	3
Oxton	Claughton Firs	3
	Grange Mount	3
	Woodchurch Road, Birkenhead	1
	Woodchurch Road, Prenton	3
Prenton	Borough Road / Singleton Avenue	2
	Dickens Avenue	3
	Prenton Hall Road	3
	Woodchurch Lane	3

The list below details shopping areas that may be considered for treatment during prolonged periods of severe weather:

<u>Area</u>	<u>Road</u>	<u>Priority</u>
Rock Ferry	Bedford Road	3
Thingwall	Pensby Road	3
Tranmere	Church Road	3
	Dacre Hill	3
	Mount Road	3
	Old Chester Road	2
Upton	Upton Road / Noctorum Avenue	3
	Upton Village	2
Woodchurch	Woodchurch Estate Shopping Centre	2

The list below details shopping areas that may be considered for treatment during prolonged periods of severe weather:

DEESIDE

<u>Area</u>	<u>Road</u>	<u>Priority</u>
Heswall	Brimstage Road	3
	Pensby Road	1
	Telegraph Road	1
	Village Road	3
Hoylake	Market Street	1
Irby	Thingwall Road	2
West Kirby	Banks Road	1
	Dee Lane	1
	Gilroy Road	3
	Grange Road	1
	The Crescent	1

CARRIAGEWAYS AND FOOTWAYS

The list below details carriageways and footways that may be considered for treatment during prolonged periods of severe weather:

BEBINGTON

Area

Road

Carriageways

Bebington

Bentfield Gardens
Derwent Road
Kings Brow
Regents Way
Shallmarsh Road

Bromborough

Oakridge Road

Footways

Bebington

Village Road towards New Ferry

Bromborough

Croft Avenue East
Raby Hall Road (Foxes Hill)

Spital

Mill Road
Spital Road approach to station

Carriageways and footways that may be considered for treatment during prolonged periods of severe weather:

BIRKENHEAD

Area

Road

Carriageways

Birkenhead

Clifton Road
Rodney Street

Oxton

Bennetts Hill

Tranmere

Hillside Road
Holborn Hill
Sidney Road
Town Road
Well Lane

Footways

Birkenhead

Argyle Street South
Ashville Road (Wirral Society for the Blind and Partially Sighted)
Brandon Street Courts
Canning Street, Cheshire Lines Building
Cleveland Street Council Offices
Hamilton Square
Hamilton Street approach to Hamilton Square Station
Town Hall entrances, Hamilton Square
Woodside Ferry Approach

Oxton

Balls Road East
Holm Lane (The Arno)

Prenton

Woodchurch Road Pedestrian Flyover

Tranmere

Elm Road
Green Lane
Hillside Road (steps section)
Holt Hill
North Road
Pearson Road
Prenton Road East
St Catherines Hospital, Church Road

Carriageways that may be considered for treatment during prolonged periods of severe weather:

DEESIDE

**Carriageway
Junctions**

Caldy	Caldy Road / Croft Drive West Caldy Road / Melloncroft Drive
Heswall	Downham Road South / Daryle Road Downham Road South / May Road Oldfield Drive towards Greenfield Lane Pensby Road / Daryl Road Pensby Road / Florence Avenue Pensby Road / Grange Mount Pensby Road / Grange Road Pensby Road / May Road Pensby Road / Radnor Avenue Pensby Road / Tower Road South
Hoylake	Kings Gap / Stanley Road
Irby	Thingwall Road / Coombe Road Thingwall Road / Roslin Road
West Kirby	Grange Road / Monks Way Greenbank Road / Boulton Avenue Greenbank Road / Broxton Avenue Greenbank Road / Grainger Avenue Greenbank Road / Gresford Avenue Greenbank Road / Raeburn Avenue

Carriageways and footways that may be considered for treatment during prolonged periods of severe weather:

WALLASEY

Area 1

Egremont

Blenheim Road
 Kinglake Road
 Maddock Road
 St Brides Road
 St Elmo Road
 St Lucia Road
 St Vincents Road
 Tobin Street
 Trafalgar Avenue
 Warwick Drive
 New Street

Seacombe

Area 2

New Brighton

Ennerdale Road
 Glen Park Road (Mount Road to school)
 Gorsehill Road
 North Drive
 Salisbury Road
 Sandymount Drive
 Seafield Drive
 Stoneby Drive
 Zetland Road

Area 3

Egremont

Caithness Drive
 Denton Drive
 Elgin Drive
 Hale Road
 Hertford Drive (lower)
 Lincoln Drive
 Radnor Drive

Area 4

Liscard

Clare Way
 Wirral Mount

Wallasey Village

Gloucester Road
 Mayfield Road
 Paignton Road
 Ripon Road
 Studley Road
 Taunton Road

Area 5

Egremont

New Brighton

Dalton Road
 Aylesbury Road
 Berkeley Drive
 Brackenhurst Drive
 Cumberland Road
 Fort Street
 Lichfield Street
 Mariners Road
 Nelson Street
 Westmoreland Road

Area 6

Liscard

Harrow Road
 Radley Road
 Sedburgh Road
 Uppingham Road

Wallasey Village

Buckingham Road
 Church Hill
 Hillside Road
 Milthwaite Road
 School Lane
 Wallacre Road
 Westbourne Road

Area 7

New Brighton

Vale Drive
Sandfield Road
Manville Road
Ormiston Road

Area 8

Poulton

Fox Hey Road
Morley Road
Balfour Road
Chamberlain Street
Kendal Road
Rankin Street

Area 9

New Brighton

Molyneux Drive
Grosvenor Drive
Egerton Street

Portland Street

Footways

Egremont

Liscard

Redcliffe, Trafalgar Avenue
Manor Road Police Station
Clare Way
Pasture Road Railway
Bridge
St Hilarys Brow

Appendix 4 - Grit Bin Locations

Road Name	Ward	Location / Description
BENTFIELD GARDENS	BEBINGTON	JCT OF BENTFIELD GARDENS / KING'S ROAD
DERWENT ROAD	BEBINGTON	O/S NO. 83 DERWENT ROAD
DERWENT ROAD	BEBINGTON	JCT OF DERWENT ROAD / SHALLMARSH ROAD
MOUNT AVENUE	BEBINGTON	JCT OF MOUNT AVENUE / MOUNT ROAD
TEEHEY LANE	BEBINGTON	JCT OF ROLAND AVE / TEEHEY LANE
SCHOOL LANE	BEBINGTON	JCT OF SCHOOL LANE / SHALLMARSH ROAD
TUDORVILLE ROAD	BEBINGTON	JCT OF TUDORVILLE ROAD / ACRES ROAD
CORAL RIDGE	BIDSTON & ST JAMES	JCT OF CORAL RIDGE / UPTON ROAD
WESTWOOD ROAD	BIDSTON & ST JAMES	OPP NO. 28 WESTWOOD ROAD
ELEANOR ROAD	BIDSTON & ST JAMES	JCT OF ELEANOR ROAD / STATHAM ROAD
WOODSIDE FERRY APPROACH	BIRKENHEAD & TRANMERE	JCT OF OVERFLOW CARPARK
HOLT HILL	BIRKENHEAD & TRANMERE	JCT OF HOLT HILL / PEARSON ROAD
OLIVE MOUNT	BIRKENHEAD & TRANMERE	OPP JCT OF HOLBORN HILL
LOWWOOD ROAD	BIRKENHEAD & TRANMERE	O/S NO. 3B LOWWOOD ROAD
FRODSHAM STREET	BIRKENHEAD & TRANMERE	JCT OF OLIVE MOUNT BY POSTS
OAKRIDGE ROAD	BROMBOROUGH	JCT OF OAKRIDGE ROAD / BIRCHRIDGE CLOSE
THE ANZACS	BROMBOROUGH	JCT OF THE ANZACS / BOLTON ROAD EAST
RABY HALL ROAD	CLATTERBRIDGE	JCT OF RABY HALL ROAD / BARRYMORE WAY
RABY HALL ROAD	CLATTERBRIDGE	O/S ENTRANCE OF BROMBOROUGH GOLF COURSE
RIVINGTON AVENUE	CLAUGHTON	JCT OF RIVINGTON AVENUE / PLEASINGTON DRIVE
BASSENTHWAITE AVENUE	CLAUGHTON	END OF BASSENTHWAITE AVENUE
WENDOVER CLOSE	CLAUGHTON	END OF WENDOVER CLOSE
WEST CLOSE	CLAUGHTON	JCT OF WEST CLOSE / WEST ROAD
AIRDRIE CLOSE	EASTHAM	O/S NO. 15 & END OF FOOTPATH TO EASTHAM RAKE
COOMBE ROAD	GREASBY, FRANKBY & IRBY	JCT OF COOMBE ROAD / THINGWALL ROAD
MARTIN CLOSE	GREASBY, FRANKBY & IRBY	JCT OF MARTINS CLOSE / SANDY LANE
THE MOUNT	HESWALL	JCT OF THE MOUNT / DEE VIEW ROAD
ANTHONYS WAY	HESWALL	JCT OF ANTHONYS WAY / HILLSIDE ROAD
BRACKENSIDE	HESWALL	JCT OF BRACKENSIDE / GRANGE ROAD
CIRCULAR DRIVE	HESWALL	OPP NO. 2 CIRCULAR DRIVE
QUARRY ROAD EAST	HESWALL	JCT OF ERICA COURT / QUARRY ROAD EAST
MOORLAND CLOSE	HESWALL	JCT OF MOORLAND CLOSE / SOUTH DRIVE
OLDFIELD DRIVE	HESWALL	JCT OF OLDFIELD DRIVE / GREENFIELD LANE
POLL HILL ROAD	HESWALL	JCT OF POLL HILL ROAD / PENSBY ROAD
RADNOR AVENUE	HESWALL	JCT OF RADNOR AVENUE / PESNBY ROAD
REDSTONE DRIVE	HESWALL	JCT OF REDSTONE DRIVE / FERNS CLOSE
SCHOOL HILL	HESWALL	JCT OF SCHOOL HILL / BROW LANE
TEALS WAY	HESWALL	JCT OF TEALS WAY / GULLS WAY O/S NO. 9
TOWER ROAD SOUTH	HESWALL	JCT OF TOWER ROAD SOUTH / PENSBY ROAD
WARREN WAY	HESWALL	JCT OF WARREN WAY / HATTON CLOSE
HOLLAND GROVE	HESWALL	JCT OF HOLLAND GROVE / POLL HILL ROAD

REDSTONE DRIVE	HESWALL	JCT OF REDSTONE ROAD / PIPERS LANE
BRIMSTAGE GREEN	HESWALL	JCT OF BRIMSTAGE GREEN / BRIMSTAGE ROAD
STATION ROAD	HESWALL	JCT OF STATION ROAD / GAYTON ROAD
TOWER ROAD NORTH	HESWALL	JCT OF TOWER ROAD NORTH / QUARRY ROAD EAST
POLL HILL ROAD	HESWALL	JCT OF POLL HILL ROAD / TOWER ROAD SOUTH
SHAWS DRIVE	HOYLAKE & MEOLS	JCT OF SHAWS DRIVE / BIRKENHEAD ROAD
BIRKENHEAD ROAD	HOYLAKE & MEOLS	O/S COTTAGE HOSPITAL
PASTURE ROAD	LEASOWE & MORETON EAST	PASTURE ROAD BRIDGE
BRECK ROAD	LISCARD	JCT OF BRECK ROAD / BUCKINGHAM ROAD
CLIFF ROAD	LISCARD	JCT OF CLIFF ROAD / BRECK ROAD
MAITLAND ROAD	NEW BRIGHTON	JCT OF MAITLAND ROAD / DALMORTON ROAD
LINCOLN DRIVE	NEW BRIGHTON	JCT OF LINCOLN DRIVE / EGREMONT PROMENADE
HERTFORD DRIVE	NEW BRIGHTON	JCT OF HERTFORD DRIVE / MAGAZINES PROMENADE
MAITLAND ROAD	NEW BRIGHTON	JCT OF MAITLAND ROAD / VAUGHAN ROAD
ROWSON STREET	NEW BRIGHTON	JCT OF ROWSON STREET / WELLINGTON STREET
VIRGINIA ROAD	NEW BRIGHTON	BY 'THE PROM' APARTMENTS
LINCOLN DRIVE	NEW BRIGHTON	ADJ TO SUB STATION O/S MOTHER REDCAPS
MARINE PROMENADE	NEW BRIGHTON	O/S FLORAL PAVILLION MAIN ENTRANCE
MILL HILL	OXTON	O/S THE GATE HOUSE
NURSERY CLOSE	OXTON	JCT OF NURSERY CLOSE / FAIRVIEW ROAD
RINGWOOD	OXTON	JCT OF RINGWOOD / TALBOT ROAD
FAIRVIEW ROAD	OXTON	JCT OF FAIRVIEW ROAD / BENNETTS HILL
TABLEY CLOSE	OXTON	JCT OF TABLEY CLOSE / HOLM LANE
OULTON CLOSE	OXTON	O/S NO. 88 OULTON CLOSE
WOODCHURCH ROAD	OXTON	WOODCHURCH ROAD E/O FOOTBRIDGE
KYLEMORE DRIVE	PENSBY & THINGWALL	JCT OF KYLEMORE DRIVE / HILLFIELD DRIVE
BARNSTON ROAD	PENSBY & THINGWALL	O/S FOX & HOUNDS CARPARK
BARNSTON ROAD	PENSBY & THINGWALL	JCT OF BARNSTON ROAD / BEAUMARIS DIVE
PINE VIEW DRIVE	PENSBY & THINGWALL	JCT OF PINE VIEW DRIVE / KYLEMORE DRIVE
BEVERLEY GARDENS	PENSBY & THINGWALL	O/S NO.23 BEVERLEY GARDENS
BURRELL CLOSE	PRENTON	O/S NO. 17 BURRELL CLOSE
CLEE HILL ROAD	PRENTON	O/S NO.20 CLEE HILL ROAD
MENDIP ROAD	PRENTON	JCT OF MENDIP ROAD / STORETON ROAD
ROMAN ROAD	PRENTON	JCT OF ROMAN ROAD / PRENTON DELL ROAD
MOUNTWOOD ROAD	PRENTON	JCT OF MOUNT WOOD ROAD / MOUNT ROAD
BURRELL ROAD	PRENTON	JCT OF BURRELL RD / BURREL CLOSE
CLEE HILL ROAD	PRENTON	JCT OF CLEE HILL ROAD / MENDIP ROAD
TOWER ROAD	PRENTON	CORNER OF TOWER ROAD / RESERVOIR ROAD
OLD CHESTER ROAD	ROCK FERRY	JCT OF OLD CHESTER ROAD / HOLT ROAD
SIDNEY ROAD	ROCK FERRY	JCT OF SIDNEY ROAD / OLD CHESTER ROAD
BROADWAY AVENUE	WALLASEY	JCT OF BROADWAY AVE / CLAREMOUNT ROAD
WALLACRE ROAD	WALLASEY	ADJ TO 221 BRECK ROAD BY ROUNDABOUT

BROADWAY	WALLASEY	O/S 'THE BUNGALOW'
KINGS DRIVE	WEST KIRBY & THURSTASTON	JCT OF KINGS DRIVE / CALDY ROAD
THORSWAY	WEST KIRBY & THURSTASTON	JCT OF THORSWAY / KINGS DRIVE
STONEHEY DRIVE	WEST KIRBY & THURSTASTON	JCT OF STONEHEY DRIVE / MOUNT ROAD
KINGS DRIVE	WEST KIRBY & THURSTASTON	OPP FOOTPATH TO CALDY HILL
BEACON DRIVE	WEST KIRBY & THURSTASTON	JCT OF BEACON DRIVE / A540 COLUMN ROAD
CROOME DRIVE	WEST KIRBY & THURSTASTON	JCT OF CROOME DRIVE / BURLINGHAM AVE
CALDY ROAD	WEST KIRBY & THURSTASTON	JCT OF CALDY ROAD / MELLONCROFT DRIVE
GILROY ROAD	WEST KIRBY & THURSTASTON	O/S GILROY ROAD SHOPS
DARMONDS GREEN	WEST KIRBY & THURSTASTON	JCT OF DARMONDS GREEN / GRANGE ROAD
THORSWAY	WEST KIRBY & THURSTASTON	THORSWAY O/S HILL HOUSE
SURREY DRIVE	WEST KIRBY & THURSTASTON	JCT OF SURREY DRIVE / MOUNT ROAD
LANG LANE	WEST KIRBY & THURSTASTON	OPP JCT OF GRESFORD AVENUE
COLUMN ROAD	WEST KIRBY & THURSTASTON	JCT OF COLUMN ROAD / GRAMMAR SCHOOL LANE

Appendix 5 - Contact and Rota Details

Redacted for report purposes