

CITY OF WOLVERHAMPTON

REGENERATION AND TRANSPORTATION

HIGHWAY WINTER SERVICE PLAN

AUGUST 2005

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INTRODUCTION

This plan sets out standards for the treatment of Wolverhampton's roads under the varying conditions of ice and snow normally experienced in Wolverhampton and sets out a framework of good practice within which the winter service operation is managed.

The winter maintenance service is delivered to roads throughout the City of Wolverhampton and roads currently treated can be viewed on the gritting route plan available for inspection in the Client Officer's Office.

Winter service operations comprise the treatment of the highway to

- (I) Prevent ice from forming (precautionary Salting)
- (II) Treat ice which has already formed (post salting)
- (III) Remove snow

There are 170 grit bins located throughout Wolverhampton City, and the principal centre of Bilston and the district centres of Wednesfield, Tettenhall, Penn and Pendeford.

The service also involves the location, filling, emptying and removal from the public highway of these bins. Approximately 45 of these are collected in at the end of the winter service season. This operation is normally carried out during the period October and May.

The standards set out in this plan for snow and ice clearance generally reflect the recommendations of:

- (a) The County Surveyor's Society Manual and Code of Practice for Winter Maintenance.
- (b) The Audit Commission's "Improving Highway Maintenance: A Management Handbook"
- (c) Delivering Best Value in Highway Maintenance, Code of Practice for Maintenance Management.
- (d) Highway Maintenance Hand Book, second edition

WINTER SERVICE OBJECTIVES

The objective is to provide a winter service which, as far as is reasonably practicable, will permit the safe movement of traffic along the prioritised network.

Good practice is also important to ensure an efficient service whilst minimising both the environmental impact of salt and budget implications.

The following sections of the Highways Act 1980 are applicable to the winter service:

Section 41 *“The Authority who are for the time being the Highway Authority for a highway maintained at the public expense are under a duty to maintain the highway.”*

Section 41(1A) *“In particular, a highway authority are under a duty to ensure, so far as is reasonably practicable, that safe passage along a highway is not endangered by snow or ice.”*

Section 130 *“It is the duty of the Highway Authority to assert and protect the rights of the public to the use and enjoyment of any highway for which they are the Highway Authority.”*

Section 150 *“If an obstruction arises in a highway from accumulations of snow... the Highway Authority shall remove the obstruction ... ”*

Transportation Network Management via the Client Winter Co-ordinator controls the service with the service being delivered by the Council’s Contractor.

At the present time practical delivery of the service is undertaken by Carillion who is the current term tenderer.

It should be noted that this winter service plan covers operations undertaken on the adopted highway network. It does not cover any work required off the highway, e.g. public buildings, other municipal establishments, bus stations, car parks etc.

WINTER SERVICE POLICY

The classifications and lengths of public highway are as follows:

Classified principal road	Class A	86km	11.43%
Classified non-principal road	Class B & C	47km	6.24%
Unclassified road		620km	82.33%
		=====	=====
	Totals	753km	100%
		=====	=====

Resources do not permit all carriageways to be treated and hence a priority network has been established which covers approximately 465km of carriageway.

Priority Definitions

Priority 1 carriageways Total length treated 285km

Brief These roads include the principal roads, main and local distributor roads, bus routes, steep roads and locations where safety becomes critical at an early stage within the City and as such the policy is to prevent predicted ice from forming or snow from accumulating.

Priority 2 carriageways Total length treated 180km

Brief Although not as important as Priority 1 roads these are generally heavily used and therefore it is essential to maintain free movement of all traffic. The winter service policy is that for these roads predicted ice will not generally form but, if it does, it will not remain for more than 2 hours without treatment.

Additionally, where circumstances allow these roads will have been treated and generally cleared for traffic (at least) during the morning and evening peak traffic periods 0700-0900 hours and 1600-1830 hours.

During periods of winter weather and when resources permit snow will not be allowed to build up on the road surface.

Priority 3 carriageways Total length treated 282km

Brief These roads form the remainder of the network and will not normally be treated as part of the routine operations. The treatment of these roads must only take place following a sustained period of **severe** snow conditions and providing that all the preceding priority routes have been cleared and are kept clear, and the Client Officer will monitor the situation and issue the appropriate instructions following consultations with other departments.

Note For practical reasons (optimisation of routing) it may be necessary to carry out salting of priority 1 and 2 roads at the same time.

Priority Route Descriptions

Priority 1 roads are divided into 9 separate routes with Priority 2 roads divided into a further 8 routes. These are utilised for routine pre-salting in marginal conditions and as a first preference for snow clearing.

It is inevitable that in response to continuing works programmes, minor alterations to the network will be required from time to time as traffic patterns are altered because of diversions or road closures.

WEATHER FORECASTING

To be most effective, salt should be spread before either ice or snow settles on the carriageway. Anticipating these conditions and re-acting correctly depends on a mixture of local knowledge and experience, along with good local weather forecasting and an awareness of current the condition of the road.

For the period 1st November – 31st March a weather forecasting service known as “Road Cast” will be in operation, with information supplied by P.A. (Press Association) WeatherCentre Ltd. which provides users with both 24 hour and 5 day weather forecasts and ice prediction.

Outside the normal weather forecasting window, when conditions dictate, P.A. Weather Centre, issue simple coded messages providing road danger warnings.

All West Midlands District Councils jointly fund and utilise a common ice prediction system known as “Icelert”. This system involves the use of microcomputers, carriageway and atmospheric sensors at outstations, together with office stations and portable computers. Direct links with P.A. WeatherCentre allows more accurate data collection for forecasting purposes and constant access to updated information.

The Icelert system provides information for ice prediction services based on sites situated across the West Midlands, which have been chosen for their appropriate geographic locations. This provides the current and historical value for both air and road temperatures, along with salt strengths. This information is used when deciding the appropriate type and timing of winter maintenance operations.

Contact during normal office hours is with the Transportation Network Management Section on 555753.

P.A. WeatherCentre also operates a consultancy service and Client Officers are encouraged to seek advice and clarification of forecasts directly with the Road Cast Forecaster via the P.A. WeatherCentre ex directory telephone number. A good rapport with P.A. WeatherCentre is essential if forecast information is to be used to best effect.

Whilst good local weather forecasts are essential, due to the varied local conditions and topography in the City, other factors may have to be considered in reaching a decision, e.g. recent pre-salting practice and therefore no specific action can be determined for a particular forecast.

CALL OUT CRITERIA AND RESPONSE TIMES

Call out criteria

Priority 1 and 2 routes are to be treated when forecasts indicate that formations of ice, or falls of snow, are likely.

The decision to take action and its level should reflect the need to fulfil the criteria outlined in the priority definitions.

Maximum Response and Treatment Times

- (i) Priority 1 routes
Rate of spread 15 gm/sq.m
Response time – 0.50 hr, maximum treatment time 2.5 hrs = total 3.25 hrs
- (ii) Priority 1 routes
Rate of spread 20 gm/sq.m
Response time – 0.50 hr, maximum treatment time 2.5 hrs = total 3.25 hrs
- (iii) Priority 1 routes
Rate of spread 40 gm/sq.m
Response time – 0.50 hr, maximum treatment time 3.0 hrs = total 3.75 hrs
- (iv) Priority 1 and 2 routes
Rate of spread 15 gm/sq.m
Response time – 0.50 hr, maximum treatment time 4.0 hrs = total 4.75 hrs
- (v) Priority 1 and 2 routes
Rate of spread 20 gm/sq.m
Response time – 0.50 hr, maximum treatment time 4.0 hrs = total 4.75 hrs
- (vi) Priority 1 and 2 routes
Rate of spread 40 gm/sq.m
Response time – 0.50 hr, maximum treatment time 4.5 hrs = total 5.25 hrs

SALTING PRACTICE

To be most effective, the treatment should be applied before either ice forms or snow settles.

For precautionary gritting an operational fleet of 9 vehicles will be utilised. A reserve vehicle to be used as directed by the Client Officer or if required due to mechanical failure will support this fleet.

It is accepted practice that the following rates of spread be used when treating carriageways:

Precautionary salting	15 and 20 gm/sq.m
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Treatment of ice and snow: Plough where applicable and salt	20-40 gm/sq.m
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N.B. It is advisable that for planned actions, salt is never spread at a rate greater than 40gm/sq.m.

Calibration testing of the spreaders is to be undertaken each year; remote controls are available to control spread width and rate of spread. A report and certificates are to be submitted to the Highways Management Section as to the result of the calibration testing.

All spreaders are to conform to BS 1622:1989 and are to be speed related.

NOTE:

Sustained low temperatures are rare in England. For each degree drop below 5 °C the amount of salt needed to maintain the equivalent melting effect increases by about 14 gm/sq.m

Salt will melt ice and snow at temperatures as low as -21 °C but below -10 °C the amount needed increases to become environmentally and economically undesirable.

Melt water from thawing accumulations of snow on central reservations or verges, can spread over the carriageway and re-freeze, particularly at night. Extra treatment may be needed and potential hazards such as these should be closely monitored.

SNOW CLEARANCE AND SEVERE CONDITIONS

It is difficult to lay down hard and fast rules for the clearance of falling or fallen snow. Conditions can vary considerably on a day to day basis. Response will inevitably depend on the severity of the conditions and the resources available at the time. However, the following notes are given as guidance:

- (i) During periods of snow, or when snow is predicted, the normal operational fleet will be brought up to 10 vehicles by utilising one of the reserve vehicles.
- (ii) If a snowfall occurs and the weather forecast is for freezing conditions to continue then the following course of action is to be taken.

Stage 1 Resources will be concentrated on clearing Priority 1 roads initially using emergency snow routes appended to this document if the Client Officer determines and then Priority 2 roads.

Stage 2 The Client Officer will determine at what stage approval is given to treat “other” roads outside the approved priority network. Such approval will depend on the weather conditions, forecasts and other circumstances and will be given providing that Priority 1 roads have been treated and are completely open to traffic and Priority 2 roads are substantially so.

Stage 3 If the weather conditions under Stages 1 and 2 continue to deteriorate then the Transportation Network Management Section, or outside normal hours the Client Officer on duty, may give authority to employ other operatives and contractors on winter maintenance operations.

The resources, which may be considered for use at this stage, are:

- (a) Normal winter service crews
 - (b) Other highways maintenance operatives
 - (c) Contractors other resources
 - (d) Other Contractors
 - (e) Hired plant as necessary
- (iii) The decision to treat other roads at any time is to be made by the Client Officer, Transportation Network Management Section, who will also decide what level of resources are to be used in this situation.

FOOTWAYS

The section of Railway Drive from the bus station to the railway station will be pre-salted; however under normal winter service operations (pre-salting etc.) other footways will not be treated. The Client Officer may determine that treatment of the following footways be considered but only in the circumstances outlined below:

Conditions under which footways can be considered for treatment

- (i) Following prolonged periods of winter weather of the severest nature, consideration will be given to carry out treatments to footways.
- (ii) Following snowfalls which affect the use of footways in principal / district centres and other designated areas, action will be taken to redeploy highway cleansing operatives (at no charge to the winter service budget). This will require the approval of the Law and Resources Department (Client department for street cleansing).

Major shopping streets in the City centre and district centres as listed below:

City centre	Wolverhampton
Other principal centre	Bilston
District centres	Wednesfield, Tettenhall, Penn Pendeford

Footways on public highways, which serve, bus stations, railway stations and hospitals.

SALT AND OTHER DE-ICING AGENTS

Rock salt is used for combating snow and the formation of ice on the highway, but it has environmental consequences in that it can kill vegetation and pollute watercourses, also causing damage to the road structure, bridges, utility apparatus and vehicles.

Therefore, in the interest of both economy and environmental protection, only the minimum amount of salt should be used for the prevailing conditions.

Specification

All coarse grade rock salt used on the highway by Wolverhampton City Council for winter service purposes is purchased by annual tender and is supplied to comply with BS3247 (Salt for spreading on highways for winter maintenance).

English mineral rock salt complying with the current BS3247 is treated with Sodium Ferrocyanide as an anti-caking agent.

Supply and Storage

The salt held in readiness for use is stored, uncovered, in Carillion's depot in Qualcast Road. Layout of the salt store ensures that old stock is used before any newly delivered salt. It is important that salt stock is replenished regularly throughout the winter as salt is used.

The Contractor will take delivery of, unload and load stocks of salt which shall be stored in the Depot and will supply the Service Manager with delivery tickets.

Care should be taken that no valleys are formed on the top surface of the pile; there should be a continuous slope from the highest point of the pile to ground level with no steep faces liable to sudden collapse. Run-off from the stockpile is to be contained in catchpits to reduce salt contamination.

On the outer surface of the pile a crust forms of a slightly different colour which cuts down losses. It should be removed or broken up before the salt is loaded so as not to block the mechanism of the spreading vehicle.

Salt shall be kept as dry as possible to lessen the problems of caking especially when loading and discharging from vehicles. The Contractor shall allow for stacking of salt up to a height of 6m generally and for the rotation and double handling of salt stocks to ensure all materials used retain their effectiveness.

Salt shall be placed in a stockpile in such a manner that the centre of the stockpile is higher than the perimeter and limited in height to avoid sudden collapse.

The amount of salt used shall be notified to the Client Officer on a daily basis by the Contractor and be subject to verification from weighbridge tickets or other approved method.

The corrosive nature of salt makes careful cleaning and maintenance of the vehicles and plant essential.

Standby Arrangements

Out of hours standby for operatives and supervisors shall operate through the winter. The period shall start in November each year and run through to March. The period may be extended at the end of this period if it is found necessary due to conditions.

The equipment and salt shall be available for use from the beginning of October until the end of April.

Appendix I

Precautionary Gritting Routes Priority 1 and 2

Gritting Route No	A	Standard Abbreviations	
Route Priority	1	Turn Right	TR
Travel Ring Rd Bilston Rd Island then 2 nd exit outer Ring Rd to Broad St junction Start Gritting		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY
GRIT ROADS IN CAPITAL LETTERS ONLY			

RING ROAD BROAD STREET SLIP	SO	TEMPLE STREET	TL
BROAD STREET	TL	WORCESTER STREET	TL
FRYER ST, RAILWAY DRIVE	Returning TL	CHURCH ST, ST JOHN'S SQUARE	SO
BROAD STREET	TL	GEORGE STREET	Returning and TR
PRINCES SQUARE	TL	WORCESTER STREET	SO to RBT then
LICHFIELD STREET	Turn RBT then TR	School Lane, Pitt Street	TR
PRINCES SQUARE	TL	WORCESTER STREET	TL
WULFRUNA STREET	RBT Then TL	TEMPLE STREET	TR
STAFFORD SREET	TR	SUMMER ROW	TL
WHITMORE ST, WESTBURY ST	TL	CLEVELAND STREET	TL
BROAD STREET	TL	GARRICK STREET	TL
Ring Road	TL	BILSTON ST, DUDLEY ST	TR
STAFFORD STREET	TL	QUEEN SQUARE, LICHFIELD ST	TR
BROAD STREET	TL	PRINCESS ST, MARKET ST	TL
THORNLEY STREET	TL	BILSTON STREET	TL
WHITMORE STREET	TR	PIPER'S ROW	TL
STAFFORD STREET	TL	QUEEN STREET	TR
Ring Road	TL	PRINCESS STREET	TL
WATERLOO ROAD	TL	KING STREET	TL
DARLINGTON STREET	Turning RBT	Dudley Street	TL
QUEEN SQUARE	SO	QUEEN STREET	TR
DARLINGTON STREET	TL	MARKET STREET	TL
Ring Road	TL	BILSTON STREET	TL
SALOP STREET	TL	PIPER'S ROW	TL
SCHOOL ST, WATERLOO RD	TL	BERRY STREET	TL
CLARENCE ST, BIRCH ST	TR	Princess St, Market St	TL
CLARENCE ROAD	TL	TOWER STREET	TL
CLARENCE STREET	TL	PIPR'S ROW	TL
WATERLOO ROAD	TL Ring Rd TR	CASTLE STREET	TL
DARLINGTON STREET	TL	Market Street	TL
RED LION ST, PATERNOSTER ROW	Return	Tower Street	TR
PATERNOSTER ROW, RED LION ST	TL	PIPER'S ROW	TL
MITRE FOLD, NORTH STREET	TR	BILSTON STREET	Return from RBT
DARLINGTON STREET	TR	BILSTON STREET	TL
SCHOOL STREET	TR	ST GEORGE'S PARADE	TL
SALOP STREET	TL	TEMPEST STREET	Turn and return Left
PEEL STREET, PIT STREET	TR	ST GEORGE'S PARADE	TR
WORCESTER STREET	SO to RBT then	GARRICK STREET	TR
SCHOOL LANE, PITT STREET	TL	BILSTON STREET	To island & return
WORCESTER ST, VICTORIA ST	TR	BILSTON STREET	TL
QUEEN SQUARE	TL	ST GEORGES PARADE	TR
EXCHANGE ST, CHEAPSIDE	TL	OLD HALL STREET	TL
NORTH STREET	SO	GARRICK ST, SNOW HILL	TR
VICTORIA STREET	TR	TEMPLE STREET	TL
SKINNER STREET	TR	BOND STREET	Return then TL
SCHOOL STREET	TL	TEMPLE STREET	TL
DARLINGTON STREET	TL Ring Rd TL	Worcester St	Round island for
SALOP STREET	TL	School La, Pitt St	TL
FOLD STREET	TR	Worcester Street	TR
SCHOOL STREET	TL	CLEVELAND ROAD	TR
SALOP STREET	TL	SNOW HILL	TL
VICTORIA STREET	TL	Ring Road	Return at island
SKINNER STREET	TL	Ring Road	TR
SCHOOL STREET	TL	SNOW HILL	SO
SALOP STREET	TL	GARRICK STREET	Turn and return
VICTORIA STREET	TR	GARRICK STREET	Return to depot
BELL ST, SUMMER ROW	TR		

Gritting Route No	B	Standard Abbreviations	
Route Priority	1	Turn Right	TR
Travel right Horseley Fields, left Middle Cross, Ring Road island 2 nd exit, Ring Road to Chapel Ash slip road. Start Gritting		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY
GRIT ROADS IN CAPITAL LETTERS ONLY			

RING RD CHAPEL ASH SLIP	SO	STAFFORD STREET SLIP	TL
CHAPEL ASH	SO	Stafford Street	SO
TETTENHALL ROAD	TR	Stafford Road	TL
LOWER STREET	TR	GORSEBROOK ROAD	SO
LOWLANDS AVENUE	SO	CRADDOCK STREET	SO
HORDERN ROAD	TR	HUNTER STREET	TL
HUNTER STREET	TR	NEWHAMPTON ROAD WEST	SO
NEWHAMPTON ROAD WEST	TR	LEICESTER SQUARE	SO
TETTENHALL ROAD	SO	NEWHAMPTON ROAD EAST	TR
THE ROCK	TL	WATERLOO ROAD	SO
OLD HILL	SO	Ring Road	Return to depot
UPPER STREET	TL		
UPPER GREEN	SO		
HIGH STREET	SO		
WOOD ROAD	SO		
MOUNT ROAD	TR		
MILL LANE	TR		
SCHOOL ROAD	SO		
CHURCH ROAD	SO		
THE HOLLOWAY	TL		
BRIDGNORTH ROAD	TL		
HENWOOD ROAD	TL		
THE ROCK	SO		
WERGS ROAD	Turn at BDRY and return salting dual carriageway turn at Wergs Garage and return TL		
YEW TREE LANE	SO		
MILL LANE	SO		
WIGHTWICK BANK	TL		
BRIDGNORTH ROAD	SO		
COMPTON ROAD WEST	TL		
COMPTON PARK	Returning TL		
COMPTON ROAD	SO		
CHAPEL ASH	TL		
RING ROAD	TL		

Gritting Route No	C	Standard Abbreviations	
Route Priority	1	Turn Right	TR
Travel right Horseley Fields, left Middle Cross, Ring Road 4 th exit, Ring Road to Stafford Street. Start Gritting		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY
GRIT ROADS IN CAPITAL LETTERS ONLY			

STAFFORD STREET	SO	CLAREGATE ISLAND	RBT 4 th Exit
FIVE WAYS ISLAND	RBT then SO	CODSALL ROAD	Turn at BDRY
STAFFORD ROAD	SO	CODSALL ROAD	SO
GORSEBROOK ROAD	RBT then SO	LOWER STREET	TL
STAFFORD ROAD	SO	ALDERSLEY ROAD	SO
BUSHBURY LANE	RBT then SO	OXLEY MOOR ROAD	TR
STAFFORD ROAD	SO	STAFFORD ROAD	SO
GOODYEAR	RBT then SO	STAFFORD STREET	TR
STAFFORD ROAD	SO	Ring Road	TR
THREE TUNS LANE	RBT then SO	WATERLOO ROAD	TL
STAFFORD ROAD	SO	NEWHAMPTON ROAD EAST	TL
WOBASTON ROAD	RBT the SO	Park Avenue	TR
STAFFORD ROAD	SO	Park Road East	TR
M54 Island	RBT returning	Lansdown Road	TR
STAFFORD ROAD	TL	NEWHAMPTON ROAD EAST	TL
THREE TUNS LANE	SO	WATERLOO ROAD	SO
ELSTON HALL LANE	SO	MOLINEUX WAY ISLAND	RBT then
KEMPTHORNE RD ISLAND	RBT returning	WATERLOO ROAD	SO
ELSTON HALL LANE	SO	FIVE WAYS ISLAND	RBT returning
THREE TUNS LANE	TL	WATERLOO ROAD	TL
STAFFORD ROAD	TR	Ring Road	Return to depot
OXLEY MOOR ROAD	TR		
BLAYDON ROAD	TR		
THE DROVEWAY	TL		
WOBASTON ROAD	TL		
OVERSTRAND	Returning TL		
WOBASTON ROAD	Turning at		
Coven Lane	SO		
WOBASTON ROAD	SO		
Vine Island	RBT returning		
WOBASTON ROAD	TL		
THE DROVEWAY	TL		
BLAYDON ROAD	TL		
WHITBURN CL. BUS LAY-BY	TR		
BLAYDON ROAD	TL		
THE DROVEWAY	TL		
BARNHURST LANE	SO		
PENDEFORD AVENUE	SO		

Gritting Route No	D	Standard Abbreviations	
Route Priority	1	Turn Right	TR
Travel right Horseley Fields, left Middle Cross, Ring Road island 4 th exit, Ring Road to Stafford Street Start Gritting		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY
GRIT ROADS IN CAPITAL LETTERS ONLY			

STAFFORD STREET	TR	LONG KNOWLE LANE	SO
CANNOCK ROAD	TL	PEAR TREE LANE	TL
RAYNOR ROAD	SO	CANNOCK ROAD	TL
THIRD AVENUE	SO	BUSHBURY ROAD	SO
SHOWELL CIRCUS	RBT then TL	CHURCH STREET	TR
KEMPTHORNE AVENUE	TL	WEDNESFIELD ROAD	TR
BUSHBURY LANE	SO	TUDOR ROAD	TL
Stafford Road Island	RBT then return	Church Road	SO
BUSHBURY LANE	TL	Bushbury Road	SO
FORDHOUSE ROAD	SO	BUSHBURY ROAD	TL
WOOD LANE	SO	Cannock Road	TL
PRIMROSE AVENUE	SO	VICTORIA ROAD	SO
Cromwell Road Island	RBT then return	THORNEYCROFT LANE	SO
PRIMROSE LANE	TL	PRESTWOOD ROAD WEST	SO
School Lane	TL	Amos Lane	RBT returning
Rushall Road	TL	PRESTWOOD ROAD WEST	SO
Broadway	TL	THORNEYCROFT LANE	SO
Northwood Park Road	TL	VICTORIA ROAD	TL
Cromwell Road	TR	CANNOCK ROAD	TL
LEGS LANE	TL	STAFFORD STREET	TL
NORTHYCOTE LANE	Turn at BDRY Then TL	Ring Road	Return to depot
LEGS LANE	SO		
BUSHBURY LANE	TR		
KEMPTHORNE AVENUE	SO		
SHOWELL CIRCUS	RBT then TL		
THIRD AVENUE	SO		
RAYNOR ROAD	TL		
CANNOCK ROAD	TL		
UNDERHILL LANE	TR		
Legs Lane	Turn at island and return		
Underhill Lane	TL		
CANNOCK ROAD	Turn at BDRY		
CANNOCK ROAD	TL		
BLACKHALVE LANE	TR		
WOOD END ROAD	TR		
LOWER PRESTWOOD ROAD	TR		

Gritting Route No	E	Standard Abbreviations	
Route Priority	1	Turn Right	TR
Turn right Start Gritting		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY
GRIT ROADS IN CAPITAL LETTERS ONLY			

HORSELEY FIELDS	SO	WOOD END ROAD	TR
MIDDLE CROSS	SO	AMOS LANE	SO
RING ROAD ISLAND	RBT 4 TH Exit	Lower Prestwood Road Island	Turn at RBT
Ring Road	TR	AMOS LANE	TR
WEDNESFIELD ROAD	SO	WOOD END ROAD	SO
WOLVERHAMPTON ROAD	SO	LICHFIELD ROAD	TR
WEDNESFIELD WAY	TL	NEACHELLS LANE	TR
NEW CROSS AVENUE	TL	MARCH END ROAD	TR
WOLVERHAMPTON ROAD	TL	LAKEFIELD ROAD	TL
DEAN'S ROAD	TL	LICHFIELD ROAD	Return at RBT
WILLENHALL ROAD	TL	Lichfield Road	TR at RBT
NEACHELLS LANE	SO	LAKEFIELD ROAD	SO
WEDNESFIELD WAY ISLAND	RBT then	WEDNESFIELD WAY	TR
Neachells Lane	SO grit junction	NEACHELLS LANE	TL
NEACHELLS LANE	TR	ALFRED SQUIRE ROAD	TL
WILLENHALL ROAD	TR	ROOKERY STREET	SO
OLD HEATH ROAD	TL	WOLVERHAMPTON ROAD	TL
DEAN'S ROAD	TR	NEW CROSS AVENUE	TR
Wolverhampton Road	SO	WEDNESFIELD WAY	SO
Wednesfield Way	TL	WOLVERHAMPTON ROAD	SO
New Cross Avenue	TR	WEDNESFIELD RD BUS LA	SO
WOLVERHAMPTON ROAD	SO	WEDNESFIELD ROAD	TL
ROOKERY STREET	SO	RING ROAD	TL
HIGH STREET	SO	HORSELEY FIELDS	Return to depot
LICHFIELD ROAD	Turn at BDRY		
LICHFIELD ROAD	TL		
BROAD LANE NORTH	TL		
POOL HAYES LANE	Turn at BDRY		
	Then TL		
BROAD LANE SOUTH	SO		
WADDENS BROOK LANE	TL		
WEDNESFIELD WAY	SO		
Bentley Bridge Island	Turn at RBT		
	then return		
WEDNESFIELD WAY	TR		
WADDENS BROOK LANE	SO		
BROAD LANE SOUTH	TL		
STUBBY LANE	SO		
LINTHOSE LANE	TL		

Gritting Route No	F	Standard Abbreviations	
Route Priority	1	Turn Right	TR
Start Gritting		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY
GRIT ROADS IN CAPITAL LETTERS ONLY			

QUALCAST ROAD	TL	BILSTON ROAD	Reduce spread width to 6.0m at Stowheath Lane junction
WILLENHALL ROAD	TL		
DEAN'S ROAD	Turn and return over W-hall Rd		
WILLENHALL ROAD	SO		SO
STOWHEATH LANE	TR	WELLINGTON ROAD	SO
CULLWICK STREET	TL	LICHFIELD STREET	SO
BILSTON ROAD	TL	OXFORD STREET	TL
STOWHEATH LANE	TL	VULCAN ROAD	SO
CULLWICK STREET	TR	LUNT ROAD	TL
HICKMAN AVENUE	TR	DARLASTON LANE	TL
WILLENHALL ROAD	TL	WILLENHALL ROAD	TL
NOOSE LANE	Turn at BDRY Returning TL	ST CHADS ROAD	TR
WILLENHALL ROAD	SO	LUNT ROAD	SO
THE KEY WAY ISLAND	RBT then	VULCAN ROAD	TL
WILLENHALL ROAD	TL	OXFORD STREET	Turn at BDRY
MOSELEY ROAD	TL	OPXFORD STREET	TL
BILSTON ROAD	SO	LOXDALE STREET	SO
THE KEY WAY ISLAND	RBT then	SALOP STREET	SO
BILSTON ROAD	SO	HIGHFIELDS ROAD	To BDRY continue for TL
WILLENHALL ROAD	SO	Rounds Road	TL
MOUNT PLEASANT	TR	ASH ST, HIGHFIELDS RD	SO
LICHFIELD STREET	TR	SALOP ST, LOXDALE ST	TL
PROUDS LANE	TL	OXFORD STREET	SO
MOSELEY ROAD	TL	BLACK COUNTRY ROUTE	RBT continuing
WILLENHALL ROAD	TL	OXFORD STREET	TL
STOWHEATH LANE	Return left	CHURCH STREET	TR
WILLENHALL ROAD	SO	WALSALL STREET	TL
LOWER HORSELEY FIELDS	TL	WELLINGTON ROAD	Increase spread width to 8.0m at Stowheath Lane junction
GOUGH STREET	TR		SO
LITTLE PARK STREET	TR	BILSTON ROAD	Reduce spread width to 6.0m 4TH Exit
UNION STREET	TR	RING ROAD ISLAND	SO
HORSELEY FIELDS	TR		Increase spread width to 8.0m
MIDDLE CROSS	SO	MIDDLE CROSS	SO
RING ROAD ISLAND	1 ST Exit	HORSELEY FIELDS	TL
	Increase spread width to 8.0m	QUALCAST ROAD	Return to depot
BILSTON ROAD	SO		

Gritting Route No	G	Standard Abbreviations	
Route Priority	1	Turn Right	TR
Travel right Horseley Fields, left Middle Cross, Ring Road Island, 2 nd exit Ring Road. Start Gritting		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
	GRIT ROADS IN CAPITAL LETTERS ONLY	Boundary	BDRY

RING ROAD	TL	HURST ROAD	SO
BIRMINGHAM ROAD	SO	SHAW ROAD	TL
THOMPSON AVENUE	SO	BIRMINGHAM NEW ROAD	TR
BIRMINGHAM NEW ROAD	TR	BLACK COUNTRY ROUTE	SO
SHAW ROAD	TR	Spring Vale Island	RBT returning
ETTINGSHALL ROAD	SO	BLACK COUNTRY ROUTE	TR
ROOKERY ROAD	TR	BIRMINGHAM NEW ROAD	TR
BIRMINGHAM NEW ROAD	TL	PARKFIELD ROAD	SO
BLACK COUNTRY ROUTE	BDRY then TL	MILLFIELDS ROAD	TL
SLIP ROAD	SO	WOLVERHAMPTON STREET	TL
THE KEYWAY ISLAND	RBT	Wellington Road	TL
SLIP ROAD	SO	WARD STREET	TR
BLACK COUNTRY ROUTE	TL	MILLFIELDS ROAD	SO
BIRMINGHAM NEW ROAD	TL	PARKFIELD ROAD	TR
SHAW ROAD	SO	THOMPSON AVENUE	SO
BIDDINGS LANE	TL	BIRMINGHAM ROAD	TL
ANCHOR ROAD	SO	GROVE STREET	TR
LADYMOOR ROAD	TR	DUDLEY ROAD	TR
HIGHFIELDS ROAD	Turn at BDRY	RING ROAD	Return to depot
Highfields Road	TR		
BROAD LANES	SO		
COSELEY ROAD	SO		
Black Country Route island	SO		
COSELEY ROAD	SO		
MILLFIELDS ROAD ISLAND	RBT returning		
COSELEY ROAD	SO		
B C R ISLAND	RBT returning		
COSELEY ROAD	TL		
MILLFIELDS ROAD	TL		
MANOR ROAD	SO		
SPRING ROAD	SO		
ROOKERY ROAD	SO		
ETTINGSHALL ROAD	TR		
HURST ROAD	SO		
GORGE ROAD	Turning in		
St Mary's Close	Returning		
GORGE ROAD	SO		

Gritting Route No	H	Standard Abbreviations	
Route Priority	1	Turn Right	TR
Travel right Horseley Fields, left Middle Cross Start Gritting		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY
GRIT ROADS IN CAPITAL LETTERS ONLY			

RING RD St GEORGE'S ISLAND	RBT then 2 nd exit	Ring Road island	RBT returning
RING ROAD	SO	PENN ROAD	TL
PENN ROAD ISLAND	RBT then SO	MARSTON ROAD	Turn at RBT
RING ROAD	SO		returning
CHAPEL ASH ISLAND	RBT then SO	Marston Road	TL
RING ROAD	SO	PENN ROAD	TL
St GEORGE'S ISLAND	RBT then return	ROOKERY LANE	TL
INNER RING ROAD	SO	GOLDTHORN HILL	TL
CHAPEL ASH ISLAND	RBT then SO	UPPER VILLIERS STREET	TL
INNER RING ROAD	SO	MARSTON ROAD	Turn at RBT
PENN ROAD ISLAND	RBT then SO		returning
INNER RING ROAD	SO	Marston Road	TL
St GEORGE'S ISLAND	RBT then return	LOWER VILLIERS STREET	TR
RING ROAD	TL	DRAYTON STREET	TL
BIRMINGHAM ROAD	TR	DUDLEY ROAD	SO
GROVE STREET	TL	Ring Road	Return to depot
DUDLEY ROAD	TL		
PARKFIELD ROAD	TL		
THOMPSON AVENUE	TR		
DIXON STREET	TR		
ETTINGSHALL ROAD	TR		
PARKFIELD ROAD	TL		
WOLVERHAMPTON RD EAST	SO		
Northway	Turn and return		
WOLVERHAMPTON RD EAST	TL		
PARKFIELD ROAD	SO		
GOLDTHORNE HILL	TL		
PENN ROAD	TL		
CHURCH HILL	TL then TR		
SEDGLEY ROAD	Turn at BDRY		
	Return for		
CHURCH HILL	TL		
PENN ROAD	SO		
LLOYD HILL ISLAND	RBT returning		
PENN ROAD	TL		
LEA ROAD	TL		
STUBBS ROAD	TL		
PENN ROAD	SO		

Gritting Route No	I	Standard Abbreviations	
Route Priority	1	Turn Right	TR
Travel right Horseley Fields, left Middle Cross 2 nd exit from island for Ring Road to Chapel Ash Island Start Gritting		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY
GRIT ROADS IN CAPITAL LETTERS ONLY			

CHAPEL ASH	TL	BRIDGNORTH ROAD	TR
MERRIDALE ROAD	SO	WINDMILL LANE	TR
BRADMORE ROAD	SO	CASTLECROFT LANE	Turn at BDRY returning
TRYSULL ROAD	TL		
OXBARN AVENUE	SO	CASTLECROFT LANE	TR
COALWAY ROAD ISLAND	RBT then	WINDMILL LANE	SO
WARSTONES ROAD	SO	CASTLECROFT ROAD	SO
LLOYD HILL ISLAND	RBT returning	FINCHFIELD ROAD WEST	SO
WARSTONES ROAD	TL	FINCHFIELD ROAD	TL
SPRINGHILL LANE	Turn at BDRY	MERRIDALE ROAD	SO
Spring Hill Lane	TL	Chapel Ash	SO
WARSTONES ROAD	SO	BATH ROAD	TL
Coalway Road Island	SO	Ring Road	Return to depot
OXBARN AVENUE	TL		
TRYSULL ROAD	SO		
FIVE WAYS ISLAND	RBT then 2 nd exit		
LANGLEY ROAD	Turn at BDRY returning		
LANGLEY ROAD	TL		
BHYLLS LANE	TR		
CASTLECROFT ROAD	TR		
FINCHFIELD LANE	SO		
FIVE WAYS ISLAND	2 nd exit		
COALWAY ROAD	TL		
PENN ROAD	TL		
STUBBS ROAD	SO		
STUBBS ROAD ISLAND	RBT then		
BIRCHES BARN ROAD	SO		
BROAD LANE	TL		
FINCHFIELD ROAD WEST	SO		
FINCHFIELD HILL	TL		
COMPTON ROAD	TL		
BRIDGNORTH ROAD	Salt to BDRY then continue		
	TR		
Jenny Walkers Lane	TR		
PATTINGHAM ROAD	Salt from BDRY TR		
TINACRE HILL	TL		

Gritting Route No	1	Standard Abbreviations	
Route Priority	2	Turn Right	TR
Travel to Stafford Street Five Ways Island turning for Fox's Lane Start Gritting		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
	GRIT ROADS IN CAPITAL LETTERS ONLY	Boundary	BDRY

FOX'S LANE	SO	Greenfield Lane	TR
CROWN STREET	SO	Legs Lane	SO
CROSS STREET NORTH	TR	Underhill Lane	TR
Cannock Road	TL	Wildtree Avenue	TL
PARK LANE	RBT then TL	HIGHFIELD AVENUE	TR
FIRST AVENUE	SO	Underhill Lane	TR
Showell Circus	TL	EDGE HILL AVENUE	TL
LEACROFT AVENUE	TR	WILDTREE AVENUE	TL
OLD FALLINGS LANE	TR	WESTCROFT AVENUE	TL
FIFTH AVENUE	TL	Underhill Lane	TL
FIRST AVENUE	TR	WILDTREE AVENUE	TR
GUY AVENUE	SO	TENNYSON ROAD	SO
SHOWELL ROAD	TR	RUSKIN ROAD	SO
FIFTH AVENUE	Return at island	WHITGREAVE AVENUE	Turn at island
Fifth Avenue	TR	Whitgreave Avenue	SO for
HAWKSFORD CRESCENT	TR	PRIMROSE LANE	TL
Fifth Avenue	TR	CHESTERTON ROAD	SO
SHOWELL ROAD	TR	DICKENS ROAD	TR
Bushbury Lane	TR	Tennyson Road	TR
HAMMOND AVENUE	TL	Wildtree Avenue	TR
Leacroft Avenue	TL	Westcroft Avenue	TR
SANDY LANE	SO	MASEFIELD ROAD	TL
ELSTON HALL LANE	TR	Ruskin Road	TL
SHORT ROAD	SO	EMERSON ROAD	SO
SCHOOL LANE	TR	LEASON LANE	TL
RUSHALL ROAD	TL	Cannock Road	TR
BROADWAY	TL	WOOD HAYES ROAD	SO
NORTHWOOD PARK ROAD	TL	Wood End Road	TR
CROMWELL ROAD	SO at RBT for	Lower Prestwood Road	TR
CROMWELL ROAD	TR	BLACKWOOD AVENUE	TL then TR
CAVALIER CIRCUS	TL	BELTON AVENUE	TL
Cromwell Road	SO at RBT for	Cannock Road	TL
Cromwell Road	TL	MILL LANE	TR
NORTHWOOD PARK ROAD	TL	Prestwood Road West	TR
BROADWAY	SO	DEYNCOURT ROAD	TL
COLLINGWOOD ROAD	TL	KINGSWAY ROAD	TL
Bushbury Lane	TL	Cannock Road	SO
HELLIER ROAD	SO	Bushbury Road	TL
Rushall Road	TR	WIMBORNE ROAD	TL
SCHOOL LANE	SO	DEYNCOURT ROAD	TR
BEE LANE	Return at island	Cannock Road	TR
Bee Lane	TL	Mill Lane	TR
COTTAGE LANE	SO	MULLETT ROAD	SO
PRIMROSE AVENUE	TL	CARLTON AVENUE	TR
Primrose Avenue	SO	Deyncourt Road	SO
Legs Lane	SO	CROFT LANE	TL
Northicote Lane	TL	OLD FALLINGS LANE	TR
GREENFIELD LANE	TL	PARK LANE	TL
Stafford Road	TL	PARK LANE	Return to depot
SPRINGFIELD ROAD	TR		

Gritting Route No	2	Standard Abbreviations	
Route Priority	2	Turn Right	TR
Travel left from Qualcast Road onto Willenhall Road turn left for Colliery Road Start Gritting		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY
GRIT ROADS IN CAPITAL LETTERS ONLY			

COLLIERY RD, STATION RD	TR	Linthouse Lane	TR
Old Heath Road	TL	KITCHEN LANE	TR
DEANSFIELD ROAD	TR	BAYLISS AVENUE	TL
Dean's Road	TL	GRIFFITHS DRIVE	TL
Willenhall Road	TL	PHILLIPS AVENUE	TR
Neachells Lane	TL	KITCHEN LANE	TR
STRAWBERRY LANE	SO	CLARE AVENUE	TL
MANFIELD ROAD	TL	GRIFFITHS DRIVE	TL
PLANETARY ROAD	Cont. round TR	THORNLEY ROAD	TR
PLANETARY ROAD	TR	KITCHEN LANE	Turn at BDRY
Neachells Lane	TL	KITCHEN LANE	TR
WATERY LANE	Return at BDRY	Linthouse Lane	TR
Watery Lane	TR	RIDGE LANE	TR
Neachells Lane	TL	MOAT HOUSE LANE WEST	SO
Planetary Lane	SO	BELLAMY LANE	TL
PLANETARY LANE SLIP	TR	Amos Lane	TR
Wednesfield Road	TL	WODEN AVENUE	TR
BENTLY BRIDGE WAY	SO	SCHOOL ROAD	TL
KENMERE WAY	TR	VICARAGE ROAD	TR
WELL LANE	TL	Graiseley Lane	TR
Wednesfield Way	Turn at RBT	Victoria Road	TR
Wednesfield Way	TR	VICARAGE RD, SCHOOL RD	TR
WELL LANE	TL	WODEN AV, FREDERICK ST	TR
Rookery St, Wolverhampton Rd	TR	Graiseley Lane	TR
GRAISELEY LANE	TL	VICTORIA ROAD	TL
High Street, Lichfield Road	TL	Prestwood road	TL
HYDE ROAD	SO	PRESTWOOD ROAD	TR
MOAT HOUSE LANE EAST	TR	Bushbury Road	TL
Lichfield Road	TL	SHAWBURY RD, VALLEY RD,	
LYNDALE DRIVE	TL	LONGFORD RD	TR
SILVERTON WAY	TR	Church Street	TR
COLMAN AVENUE	TR	Wednesfield Road	TR
Stubby Lane	TR	Tudor Road	TL
Broad Lane South	TR	POWELL STREET	TL
Wadens Brook Lane	TR	Cannock Road	TL
SILVERTON WAY	TL	WODEN ROAD	TR
COLMAN AVENUE	TR	Wednesfield Road	TL
Lichfield Road	TL	INKERMAN STREET	Return & TL
PEACOCK AVENUE	TR	Wednesfield Road	TR
GRIFFITHS DRIVE	TR	SPRINGFIELD ROAD	TL
ECCLESTONE ROAD	TR	Cannock Road	TL
WHISTON AVENUE	TL	Stafford Street	TL
Peacock Avenue	TR	Ring Road	TL
Lichfield Road	TR	LITTLE'S LANE	TL
Linthouse Lane	TR	GREAT WESTERN STREET	TL
GRIFFITHS DRIVE	T second R	FAULKLAND CRESCENT	TR
BARNARD ROAD	TR	HERBERT STREET	TR
GRIFFITHS DRIVE	T second R	GREAT WESTERN STREET	TR
ASHMORE AVENUE	TL	Faulkland Cr, Herbert St	TL
GRIFFITHS DRIVE	TL	THE MALTINGS	TL
ACORN ROAD	TR	Stafford Street, Ring Road	TL
ASHMORE AVENUE	TR	Wednesfield Road	TR
GRIFFITHS DRIVE	TR	SUN STREET	SO
		CORN HILL	Return to depot

Gritting Route No	3	Standard Abbreviations	
Route Priority	2	Turn Right	TR
Travel left from Qualcast Rd. onto Willenhall Rd, then right for Lower Walsall St. Start Gritting		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY
GRIT ROADS IN CAPITAL LETTERS ONLY			

LOWER WALSALL STREET	TL	LANSDOWN ROAD	TL
COMMERCIAL ROAD	TR	CENTRAL AVENUE	TR
SHARROCK STREET	TL	PEASCROFT LANE	TL
Bilston Road	TR	CENTRAL AVENUE	TR
Ettingshall Road	TL	Mountford Lane	TR
GEORGE STREET	SO	Prouds Lane	TR
HALL PARK STREET	Over Wellington Rd	CUMBERLAND RD, HOLLAND RD	TR
HADLEY ROAD	TL	BUNKERS HILL LANE	SO
BAILEY ROAD	TR	BECKETT STREET	TL
WOLESLEY ROAD	TL	LUNT ROAD	TL
GREEN PARK AVENUE	TL	Lunt Road	TL
WESTFIELD ROAD	TL	LONSDALE ROAD	TL
LAMBETH ROAD	TL	Willenhall Road, Mount Pleasant	TL
WOLSELEY ROAD	TR	ASHLEY STREET	TL
GREEN PARK AVENUE	TL	QUEEN STREET, LUNT ROAD	TR
PARK MEADOW AVENUE	Returning	Lunt Road, Vulcan Road	TL
PARK MEADOW AV, MIDDLE WAY	TR	DALE STREET	TR
GREEN LANES	Over Wellington Rd	Vulcan road	TL at RBT
THE CRESCENT	TR	HARE STREET	1 st exit at RBT
BROAD STREET	TL	HARE STREET	Over Oxford St
Wellington Road	TR	CHAPEL STREET	TL
WINDSOR STREET	TR	Loxdale Street	TR
Green Lanes	Over Wellington Rd	Oxford Street	TR
THE CRESCENT	TL	Great Bridge Road	TR
BROAD STREET	TR	BRADLEY LANE	TL
SMITH STREET	TR	STIRLING ROAD	TL
HIGH STREET	TR at RBT	ROCKET POOL DRIVE	TL
Wolverhampton Street	TL	STIRLING ROAD	TR
PARK ROAD	TR	WALLACE ROAD	TL
BAGNALL ROAD	TL	Bradley Lane	TR
CORONATION ROAD	TR	EDINBURGH ROAD	TR
ALBANY CRESCENT	TR	BILBOE ROAD	TL
CORONATION ROAD	TL	RALEIGH ROAD	TL
BAGNAL ROAD	TL	ELIZABETH AVENUE	TL
MILL STREET	TR	PRINCESS ANNE ROAD	TL
HICKMAN ROAD	TL	BRITANIA ROAD	TR
Millfields Road	SO at RBT	BRADLEY LANE	TR
HIGH STREET, CHURCH STREET	TL	WILKINSON AV, BANK ST	Over Salop Street
WALSALL ST, Mount Pleasant	TL	BANKFIELD ROAD	TR
MOUNTFORD LANE	TR	GREENWAY ROAD	TR
Prouds Lane	TL	Salop Street	TL
GREEN LANES	TR	BALDWIN ST	TR
MIDDLEWAY	TR	KING STREET	TL
GREEN PARK AVENUE	TL	LORD STREET	TL
GREEN LANES	TL	Bank Street	TR
Proudes lane	TR	King Street	TR
Moseley Road	TL	WALTER RD	TL
HILL ROAD	TR	Wilkinson Av, ROSE ST	TR
VAUGHAN ROAD	TL	BRIERLEY LANE	TL
NEW STREET	1 st exit at RBT	Batmans Hill Road	TL
Willenhall Road	TL	WEDDELL WYND, PETER AV	TL
HILL ROAD	TL	BRIERLEY LANE	TR
VAUGHAN ROAD	TR	Daisy Street	TR
DILLOWAY'S LANE	TL	Ash Street	TR
HAWKSWELL DRIVE	TL	HALL GREEN STREET	TL
DILLOWAY'S LANE	TL	HILL STREET	TL
Moseley Road	TL	LORD STREET	TR
BECCLES DRIVE	TL	Ash Street, Highfields Road	TL
Dilloway's Drive	TR	DUDLEY STREET	TL
Moseley Road	TL	Black Country Route	TR
BUNKERS HILL LANE	TR	OVERFIELD DRIVE	Return to depot

Gritting Route No	4	Standard Abbreviations	
Route Priority	2	Turn Right	TR
Travel right for Horseley Fields, Middle Cross, 1 st exit at island Bilston Road then right Steelhouse Lane Start Gritting GRIT ROADS IN CAPITAL LETTERS ONLY		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY

STEELHOUSE LANE	TR	Lawnswood Avenue	TR
SUTHERLAND PLACE	TR	Birmingham New Road	TR
VICARAGE ROAD	TR	Rookery Rd, Ettingshall Rd	TR
CLEVELAND ROAD	TL	NALLY DRIVE, ROBERT WYND	TR
HOSPITAL STREET	TL	Evans Street	TR
Bilston Rd, Ring Rd, Birmingham Rd	TL	WOODCROSS STREET & LANE	TL
ALL SAINTS ROAD	TR	Rookery Rd, Birmingham New Rd	TL
VICARAGE ROAD	TR	MOUNT ROAD	TR
CARTWRIGHT STREET	TL	Dovedale Road	TR
Birmingham Road	TL	WARD GROVE	TL
DERRY STREET	TR	Birmingham New Road	TL
POND LANE	TR	LABURNUM ROAD	TL
BROWN STREET	TL	Dovedale Road	TR
Birmingham Road	TL	ASHBOURNE ROAD	SO
SILVER BIRCH ROAD	TL	CRANBOURNE AVENUE	Turn 2 nd Right
POND LANE, VICARAGE ROAD	TR	TYNEDALE CRESCENT	TR
SUTHERLAND PLACE	TR	CRANBOURNE AVENUE	TR
STEELHOUSE LANE	TL	Laburnum Road	TR
EAGLE STREET	TL	Dovedale Road	TL
Bilston Road	TL	FARRINGTON ROAD	TL
JENNER STREET	TL	DELHURST ROAD	TR
STEELHOUSE LA, MAJOR ST	Over Dixon St	Dovedale Road	TR
CHEVIOT ROAD	SO	GROSVENOR ROAD	TL
D'URBERVILLE RD, HARDY SQ	SO	FARRINGTON ROAD	Turn 2 nd Right
CRAVEN STREET	TL	CAMBERLEY CRESCENT	TR
Parkfield Rd, Ettingshall Rd	TL	FARRINGTON ROAD	TR
Bilston Road	TL	Dovedale Road	TL
CABLE STREET	TL	MOUNT ROAD	TL
MAJOR STREET	TR	WENDOVER ROAD	TR
KENT ROAD	TR	Ward Grove	TR
Dixon Street, Thompson Avenue	TR	LAPPER AVENUE	TL
SILVER BIRCH RD, POND LANE	TR	PRUDEN AVENUE	TL
KENT ROAD	Over Dixon St	GORDON AVENUE	TR
MYATT AVENUE	TR	Ward Grove	TR
Parkfield Road	TL	CRAWFORD AV, HILL AV	TR
Birmingham New Road	TL	GORDEN AVENUE	TL
WALTON RD, HILTON RD	TR	PRUDEN AVENUE	TL
NEEDWOOD ROAD	TL	LAPPER AVENUE	TL
Birmingham New Road	TL	Wendover Road	TL
Spring Road	TL	Mount Road	TR
HILTON ROAD	TL	PUGH ROAD	TL
NEEDWOOD DRIVE	TR	Woodcross Lane	TL
Birmingham New Road	TL	BEACH AVENUE	TR
LAWNSWOOD AVENUE	TL	Mount Road	TR
Wolverhampton Road East	TL	BRYNMAWR RD, BEACH AV	SO
DOVEDALE ROAD	TL	CHILDS AVENUE	TR
FIELDHOUSE ROAD	TL	Hurst Road	TR
KENILWORTH CRESCENT	TR	Hall Lane, Evans Street	TR
Lawnswood Avenue	TR	Woodcross Street	TR
HATELEY DRIVE	TR	BELLEVUE STREET	TL then TR
BEVAN AVENUE	TL	MILLER CRESCENT	TR
KENILWORTH CRESCENT	TL	Childs Avenue	TR
MORETON AVENUE	SO	Hurst Road	TR
KENILWORTH CRESCENT	TL	HALL LANE, EVANS STREET	SO
HATELEY DRIVE	TR	DOVEDALE ROAD	Return to depot

Gritting Route No	5	Standard Abbreviations	
Route Priority	2	Turn Right	TR
Travel right Horseley Fields, Middle Cross, 2 nd exit Ring Rd island, left Penn Rd, left Ablow St. Start Gritting. GRIT ROADS IN CAPITAL LETTERS ONLY		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY

ABLOW STREET	SO	MOUNT ROAD	TR
POUNTNEY STREET	TR	WESTBOURNE AVENUE	TR
BELL PLACE	TL	BIRCHWOOD ROAD	TL
DRAYTON STREET	TL	MOUNT ROAD	TL
Dudley Road	TL	LINKS ROAD	SO
Ring Road	TL	DEWSBURY DRIVE	TL
CHURCH LANE	TL	SANDHURST DRIVE	TL
STEWART STREET	TL	MOUNT ROAD	TR
POUNTNEY STREET	TL	WAKELEY HILL	TR
THOMAS STREET	TL	CHURCH HILL	TL
CHURCH STREET	TL	Penn Road	TL
POOL STREET	SO	THE AVENUE	TL
STANFORD STREET	TL	VICARAGE ROAD	TL
Marston Road	TR	CHURCH HILL	TR
Upper Villiers Street	TL	BRENTON ROAD	TL
MOOR STREET SOUTH	SO	Wakeley Hill	TL
PARK STREET SOUTH	TL	Church Hill	TR
HAGGER STREET	TL	VICARAGE ROAD	TL
RANELAGH ROAD	TL	Penn Road	TL
Dudley Road	TL	BUTTONS FARM ROAD	SO
BROMLEY STREET	TL	HARTILL ROAD	Return then TL
Upper Villiers Street	TL	Penn Road	SO
Goldthorn Hill	TR	Lloyd Hill Island	Returning
EDNAM ROAD	SO	Penn Road	TL
PARK DRIVE	TL	COPTHORNE ROAD	TR
HORNBY ROAD	SO	Lea Road	TR
PARK HALL ROAD	TR	LYNDHURST ROAD	TL
DUDDING ROAD	TR	Penn Road	TL
Wolverhampton Road East	TR	CLAREMONT ROAD	TR
SHERRINGTON DRIVE	TR	Lea Road	TR
Park Hall Road	TL	LONSDALE ROAD	TL
DUDDING ROAD	SO	Penn Road	TL
DUDLEY WALK	SO	OAKLANDS ROAD	TR
HIMLEY CRESCENT	TL	Lea Road	Return to depot
JERREMY ROAD	TR		
ROSEMARY CRESCENT	SO		
HONOR AVENUE	TR		
Ward Road	TL		
Dudding Road	TR		
PATRICIA AVENUE	TL		
Park Drive	TL		
Hornby Road	TL		
WARD ROAD	TL		
Goldthorn Hill	TL		
GOLDTHORN AVENUE	SO		
WESTBOURNE ROAD	TR		
MOUNT ROAD	TL		
Penn Road	TL		
MUCHALL ROAD	SO		
SANDRINGHAM ROAD	SO		
WESTMINSTER AVENUE	TL		
BIRCHWOOD DRIVE	TR		

Gritting Route No	6	Standard Abbreviations	
Route Priority	2	Turn Right	TR
Travel right Horseley Fields, Middle Cross, 2 nd exit Ring Rd island, left Great Brickkiln St. Start Gritting		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY
GRIT ROADS IN CAPITAL LETTERS ONLY			

GREAT BRICKKILN STREET	SO	ADAMS ROAD	TR
ASPEN WAY	TL	FARM ROAD	TR
Merridale Road	TL	Finchfield Lane	SO
JEFFCOCK ROAD	TL	Five Ways Island	2 nd exit
Lea Road	TL	Coalway Road	TR
OWEN ROAD	TR	LEASOWS DRIVE	TR
Great Brickkiln Street	TR	Warstones Drive	Return at RBT
ZOAR STREET	SO	WARSTONES DRIVE	TR
UPPER ZOAR STREET	TL	HAMBLE ROAD	TR
Lea Road	TL	FARNHAM CRESCENT	TL
RETREAT STREET	SO	Langley Road	TL
GRAISELEY STREET	TR	FARNHAM CRESCENT	TR
Hallet Drive	TL	Hamble Road	TR
Great Brickkiln Street	TL	WARSTONES DRIVE	T 2 nd R
GRAISELEY STREET	TR	BOUNDARY WAY	TR
MERRIDALE STREET WEST	TL	WARSTONES DRIVE	TR
Owen Road	TR	EAST CROFT ROAD	TR
RAYLEIGH ROAD	TR	ENVILLE ROAD	TL
Jeffcock Road	TL	EAST CROFT ROAD	TR
Bradmore Road	TL	WARSTONES DRIVE	TR
BANTOCK AVENUE	TL	Warstones Road	TR
SKIDMORE AVENUE	SO	HILSTON AVENUE	SO
BARN GREEN	SO	FAIRVIEW ROAD	TR
HUGHES AVENUE	TL	HILSTON AVENUE	TL
BANTOCK AVENUE	TL	SPRINGHILL AVENUE	TL
Bradmore Road	TL	Springhill Lane	TL
Birches Barn Road	TL	Warstones Road	TR
LITTLE BIRCHES	TR	WINCHCOMBE AVENUE	TL
HUGHES AVENUE	TL	LYTTON AVENUE	TL
Birches Barn Road	TR	FANCOURT AVENUE	TL
ST PHILIP'S AVENUE	TL	RUTLAND AVENUE	TR
CHURCH ROAD	TR	Winchcombe Avenue	TR
Coalway Road	TL	Warstones Road	TR
WINDSOR AVENUE	SO	PINFOLD LANE	TR
PENHOUSE AVENUE	TL	Penn Road	TR
Penn Road	TL	HOLLYBUSH LANE	TL
WYNN ROAD	TR	Warstones Road	TL
Coalway Road	TR	Springhill Lane	TL
WOODFIELD AVENUE	TL	BRADEN ROAD	SO
Penn Road	TL	LYTTON AVENUE	TL
Coalway Road	TR	Pinfold Lane	TR
CHURCH ROAD	TL	LINTON ROAD	SO
Trysull Road	TR	WELLS ROAD	Return to depot
WOODLAND AVENUE	SO		
COPPICE ROAD	TR		
Finchfield Road West	TR		
Broad Lane	TR		
UPLANDS AVENUE	TL		
Coppice Road	TR		
WOOTON ROAD	SO		

Gritting Route No	7	Standard Abbreviations	
Route Priority	2	Turn Right	TR
Travel to Ring Road then via Chapel Ash to Compton Road turn right Clark Road. Start Gritting		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY
GRIT ROADS IN CAPITAL LETTERS ONLY			

CLARK ROAD	SO	ORMES LANE	TL
PAGET ROAD	SO	Wood Road	TR
ALBERT ROAD	TR	School Road	TR
PARK ROAD WEST	TR	THE CRESCENT	SO
SOUTHGATE	TR	WOODHOUSE ROAD	TL
Bath Road	TR	REGIS ROAD	TL
SUMMERFIELD ROW	TR	REDHOUSE ROAD	TR
PARK ROAD WEST	SO	WOODTHORNE ROAD	TL
PARK ROAD EAST	TR	Wergs Road	TL
LANSDOWN ROAD	TR	Yew Tree Lane	TL
Newhampton Road East	TR	WROTTESLEY ROAD	TR
PARK AVENUE	TR	Wergs Road	TR
PARK ROAD EAST	SO	REGIS ROAD	TL
PARK ROAD WEST	TR	REDHOUSE ROAD	TR then TL
CONNAUGHT ROAD	TR	WREKIN LANE	TL
Tettenhall Road	TL	Yew Tree Lane	TL
CLARK ROAD	TR	WOODTHORNE ROAD	TR
Compton Road	TL	REDHOUSE ROAD	TR
RICHMOND ROAD	TR	WROTTESLEY ROAD	TR
Finchfield Road	TR	Wergs Road	SO
YORK AVENUE	TL	The Rock	SO
Richmond Road	TL	Tettenhall Road	TR
Compton Road	TL	NEWBRIDGE CRESCENT	TR
LINDEN LEA	TR	Tettenhall Road	TR
Finchfield Road West	TL	ST JUDE'S ROAD WEST	return and TR
OAK HILL	TR	Tettenhall Road	TL
Castlecroft Road	TR	RICHES STREET	TL
WHITE OAK DRIVE	TL then TR	NEWBRIDGE STREET	TR
THE SPINNEY	TL	Newhampton Road West	TR
WALNUT DRIVE	TR	RICHES STREET	TR
Linden Lea	TR	ST JUDE'S ROAD	TR
Castlecroft Road	TL	Tettenhall Road	Return to depot
CASTLECROFT AVENUE	TL		
CASTLECROFT ROAD	TL then TR		
BAGRIDGE ROAD	TL		
WINDMILL CRESCENT	TR		
WOODBANK ROAD	TR		
Windmill Lane	TL		
Castlecroft Avenue	TR		
CASTLECROFT ROAD	TR		
Castlecroft Lane	TL		
Windmill Lane	TL		
Bridgnorth Road	TR		
Tinacre Hill	TR		
PERTON ROAD	TR		
PERTON BROOK VALE	TL		
WIGHTWICK BANK	TL		
PERTON ROAD	TL		
Perton Brook Vale	TR		
Wightwick Bank	TL		
Bridgnorth Road	TL		
BRAMSTEAD AVENUE	TL		
The Holloway	TR		

Gritting Route No	8	Standard Abbreviations	
Route Priority	2	Turn Right	TR
Travel via Ring Road to Waterloo Road then turn left Staveley Road. Start Gritting		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
GRIT ROADS IN CAPITAL LETTERS ONLY		Boundary	BDRY

STAVELEY ROAD	SO	Blackburn Avenue	TR
DUNSTALL ROAD	TL	LYNTON AVENUE	TL
Craddock Street	TR	CROSLAND CRESCENT	TL
GATIS STREET	TR	DERBY AVENUE	TR
DUNSTALL LANE	TL	Blackburn Avenue	TL
Gorsebrook Road	TR	Aldersley Road, Oxley Moor Road	TL
GLENTWORTH GARDENS	TR	RENTON ROAD	TR
Gorsebrook Road	TL	PROBERT ROAD	TL
DUNSTALL PARK	Return and TL	ELMDON ROAD	TL
Gorsebrook Road	TL	RENTON ROAD	TL
Stafford Road	TL	SHELDON ROAD	TR
SOUTH STREET	TR	ELMDON ROAD	TL
JONES ROAD	TR	PROBERT ROAD	TL
THE DOWNS	TL	RENTON ROAD	TL
SNOWDON WAY	Returning	PROBERT ROAD	TL
Snowdon Way	TR	Oxley Moor Road	TL
The Downs, Jones Rd, South St	TL	Stafford Road	TL
LEVERTON RISE	Returning TL	MARSH LANE	TR
South Street	TL	WINCHESTER ROAD	TL
Stafford Road	Returning at RBT	PATSHULL AVENUE	TL
Stafford Road	SO	MARSH LANE	SO
Five Ways Island	4 th exit	Stafford Road Island	Return
DUNSTALL ROAD	SO	Marsh Lane	TL
LEICESTER STREET	TR	ST ANNE'S ROAD	TL
GLOUCESTER STREET	TL	Marsh Lane	TR
EVANS STREET	TR	Patshull Avenue	TR
Newhampton Road West	TR	SANDON ROAD	TL
COURT ROAD	TR	Winchester Road	TL
Hordern Road	TL	HARROWBY ROAD	TR
FARNDALE AVENUE	TR	PATSHULL AVENUE	TL
Hordern Road	TL	Wobaston Road	TL
CROWTHER ROAD	TR	The Drove way	TR
Tettenhall Road, The Rock	TR	EARLSWOOD CRESCENT	TL
STOCKWELL ROAD	TL	The Drove way	TR
DANESCOURT ROAD	TL	CLEWLEY DRIVE	TL
Wergs Road	TL	The Drove way	TL
Stockwell Road	Restart gritting at Danescourt Road junction	Blaydon Road	TL
		EMSWORTH CRESCENT	TR
		Blaydon Road	TL
STOCKWELL ROAD	SO	HALESWORTH ROAD	TL
MALTHOUSE LANE	TL	Blaydon Road	TL
Lower Street, Codsall Road	TR	The Drove way	TL
BLACKBURN AVENUE	TL	LEYBOURNE CRESCENT	TL
Aldersley Road	TL	The Drove way	TL
GREEN LANE	TL	RYEFIELD	TL
Pendeford Avenue	TL	Barnhurst Lane	TR
ALDERSLEY AVENUE	TR	WINDERMERE ROAD	TL
Green Lane	TR	Codsall Road	Return to depot
Aldersley Road	TR		
Blackburn Avenue	TL		
CROSLAND CRESCENT	TL		
LYNTON AVENUE	TR		
Aldersley Road	TR		
BURLAND AVENUE	TR		

Winter Gritting Routes
Additional Areas to be Grittied by City Centre Gritter

- 1) Birch Street / Ring Road slip road – City Centre
- 2) Sutherland Avenue – Monmore Green
- 3) Showell Road under railway bridges between Bushbury Lane and Guy Avenue
- 4) Left turn slip road Bilston Road / Sharrocks Street junction
- 5) Wednesfield Road / Sun Street right turn slip road
- 6) Sun Street / Wednesfield Road left turn slip road
- 7) Cambridge Street / Grimstone Street / Culwell Street
- 8) Hickman Avenue Depot
- 9) Park Lane Bus Depot

Appendix I(a)

Precautionary Gritting Routes Footpaths

Appendix II

Snow Clearing Routes

Snow Gritting Route No	1	Standard Abbreviations	
Route Priority	1	Turn Right	TR
Travel to Broad Street via Ring Road Start Gritting GRIT ROADS IN CAPITAL LETTERS ONLY		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY

BROAD STREET	TL	SALOP STREET	TL
FRYER STREET	SO	PEEL ST, PITT ST	TR
RAILWAY DRIVE	Returning	WORCESTER STREET	Round RBT
RAILWAY DRIVE	SO	SCHOOL LANE, PITT ST	TL
FRYER STREET	TL	WORCESTER STREET	SO
BROAD STREET	TL	VICTORIA STREET	TL
PRINCES SQUARE	TL	DARLINGTON STREET	TL
LICHFIELD STREET	Returning	Ring Road	TL
LICHFIELD STREET	Over Princes	SALOP STREET	TL
	Square for	SCHOOL STREET	SO
LICHFIELD STREET	Turn at RBT	WATERLOO ROAD	TL
LICHFIELD STREET	TL	Ring Road	TL
PRINCES SQUARE	TR	DARLINGTON STREET	TR
BROAD STREET	TL	SCHOOL STREET	TL
Ring Road	TL	SALOP STREET	SO
STAFFORD ST, PRINCES SQ,		CLEVELAND STREET	TL
PRINCESS ST, MARKET ST,		GARRICK STREET	TL
GARRICK ST, SNOW HILL	TR	DUDLEY STREET	Return at RBT
TEMPLE STREET	TR	DUDLEY STREET	TL
SUMMER ROW	TR	QUEEN STREET	TL
CLEVELAND STREET	TL	PRINCESS STREET	TL
GARRICK ST, MARKET ST,		KING STREET	TL
PRINCESS ST, PRINCES SQ,		DUDLEY STREET	SO
STAFFORD ST	TL	BILSTON STREET	TL
Ring Road	TL	PIPER'S ROW	TL
WATERLOO ROAD	TL	QUEEN STREET	TL
DARLINGTON STREET	SO	MARKET STREET	TL
QUEEN SQUARE	TL	TOWER STREET	TR
EXCHANGE STREET	TL	PIPER'S ROW	TL
CHEAP SIDE	TL	BILSTON STREET	TR
NORTH STREET	TL	Ring Road	TR
QUEEN SQUARE	Return at RBT	SNOW HILL	SO
QUEEN SQUARE	TL	GARRICK STREET	TR
VICTORIA STREET	TL	BILSTON STREET	Return at RBT
CLEVELAND STREET	TR	ST GEORGE'S PARADE	TL
SUMMER ROW	TR	SNOW HILL	
TEMPLE STREET	TL		
WORCESTER STREET	Round RBT		
SCHOOL LANE, PITT ST	TL		
WORCESTER STREET	TL		

Snow Gritting Route No	2	Standard Abbreviations	
Route Priority	1	Turn Right	TR
Travel via Ring Road and Stafford Street to Cannock Road Start Gritting GRIT ROADS IN CAPITAL LETTERS ONLY		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY

CANNOCK ROAD	TL
RAYNOR RD, THIRD AV, SHOWELL CS, KEMPTHORN AV	Return at RBT
KEMPTHORN AV, SHOWELL CS, THIRD AV, RAYNOR RD	TL
CANNOCK ROAD	TL
UNDERHILL LANE	TR
BUSHBURY LANE	Return at RBT
BUSHBURY LANE	TL
UNDERHILL LANE	TL
CANNOCK ROAD	Turn at boundary returning
CANNOCK ROAD	TL
PEAR TREE LANE	SO
LONG KNOWLE LANE	TL
LOWER PRESTWOOD ROAD	TL
WOOD END ROAD	TL
BLACKHALVE LANE	Return at Cannock Road island
BLACKHALVE LANE	TR
WOOD END ROAD	TR
LOWER PRESTWOOD ROAD	TR
LONG KNOWLE LANE	SO
PEAR TREE LANE	TL
CANNOCK ROAD	TR
Stafford Road to Bushbury Lane	TR
BUSHBURY LANE	TL
FORDHOUSE ROAD	TL
THREE TUNS LANE	Return at island
THREE TUNS LANE	TL
WOOD LANE	SO
PRIMROSE AVENUE	SO
LEGS LANE	TL
NORTHYCOTE LANE	Turn at BDRY returning
NORTHYCOTE LANE	TR
LEGS LANE	SO
PRIMROSE AVENUE	SO
WOOD LANE	TL
ELSTON HALL LANE	Return at island
ELSTON HALL LANE	TL
FORDHOUSE ROAD	TL
BUSBURY LANE	Return at Northcote Lane island
BUSHBURY LANE	

Snow Gritting Route No	3	Standard Abbreviations	
Route Priority	1	Turn Right	TR
Travel along Ring Road to Wednesfield Road turn Start Gritting GRIT ROADS IN CAPITAL LETTERS ONLY		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY

WEDNESFIELD RD, WOLVERHAMPTON RD, ROOKERY ST, HIGH ST, LICHFIELD ROAD, WOOD END RD	TL
AMOS LANE Return at island for AMOS LANE	TL
WOOD END ROAD Return at island for WOOD END ROAD	TL
LICHFIELD ROAD Return at island for LICHFIELD ROAD	TL
LICHFIELD RD, HIGH ST, ROOKERY ST, W-TON RD	TL
NEW CROSS AVE Return at island for NEW CROSS AVE	TL
WOLVEHAMPTON ROAD	TR
TUDOR ROAD	TL
CHURCH ST, BUSHBURY RD	Turn at Cannock Road Island
BUSHBURY ROAD	TL
THORNEYCROFT LANE, PRESTWOOD ROAD WEST	Return at island
PRESTWOOD ROAD WEST, THORNEYCROFT LANE	TL
BUSHBURY ROAD, CHURCH STREET	SO
DEAN'S ROAD	TL
Willenhall Road	TL
NEACHELLS LANE Return at island for NEACHELLS LANE	TR
Willenhall Road	TR
DEAN'S ROAD	TR
WEDNESFIELD WAY	TL
MARCH END ROAD, ALFRED SQUIRE ROAD	TR
HIGH STREET	TR
NEACHELLS LANE Return at island for NEACHELLS LANE	TL
HIGH STREET	TL
ALFRED SQUIRE ROAD, MARCH END ROAD	TL
LAKEFIELD ROAD, LICHFIELD ROAD	TL
LINTHOUSE LANE Return at island for LINTHOUSE LANE	TL
LICHFIELD ROAD Turn at BDRY for LICHFIELD ROAD	TL
BROAD LANE NORTH	TR
STUBBY LANE Return at island for STUBBY LANE	TL
BROAD LANE NORTH	TL
LICHFIELD ROAD	TL
STUBBY LANE Return at island for STUBBY LANE	TL
LICHFIELD ROAD, LAKEFIELD ROAD	TL
WADDENS BROOK LANE, BROAD LANE SOUTH	Turn at Stubby Lane returning
BROAD LANE SOUTH, WADDENS BROOK LANE	TL
WEDNESFIELD WAY	SO
WOLVERHAMPTON ROAD	SO
WEDNESFIELD ROAD	To Ring Road

Snow Gritting Route No	4	Standard Abbreviations	
Route Priority	1	Turn Right	TR
Qualcast Road turn right into Horseley Fields Start Gritting GRIT ROADS IN CAPITAL LETTERS ONLY		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY

HORSELEY FIELDS, MIDDLE CROSS	TL
BILSTON ROAD, WELLINGTON ROAD,	SO
LICHFIELD STREET, OXFORD STREET	TL
BLACK COUNTRY ROUTE	Grit slip roads & Keyway island return
BLACK COUNTRY ROUTE	TR
OXFORD STREET, LICHFIELD STREET	SO
WELLINGTON ROAD, BILSTON ROAD	TR
MIDDLE CROSS, HORSELEY FIELDS, WILLENHALL ROAD	Turn at Keyway island returning
WILLENHALL ROAD	TL
MOSELEY ROAD	SO
DARLASTON LANE	TR
LUNT ROAD	TR
HARE STREET	Return at RBT
HARE STREET	TL
LUNT ROAD	TL
DARLASTON LANE	SO
MOSELEY ROAD	TL
PROUDS LANE	TL
LICHFIELD STREET	TL
MOUNT PLEASANT, WILLENHALL RD, BILSTON RD	SO
KEYWAY ISLAND	Returning
BILSTON RD, WILLENHALL RD, MOUNT PLEASANT	TR
LICHFIELD STREET	TR
PROUDS LANE	TL
MOSELEY ROAD	TL
WILLENHALL ROAD	TL
STOWHEATH LANE	TR
CULLWICK STREET	TL
Willenhall Road	TL
STOWHEATH LANE	TL
CULLWICK STREET	TR
HICKMAN AVENUE	Over Willenhall Road for
OLD HEATH ROAD	Turn at end of Old Heath Road return
OLD HEATH ROAD	Over Willenhall Road for
HICKMAN AVENUE	TL
CULLWICK STREET	TR
STOWHEATH LANE	TR
Willenhall Road	TR
CULLWICK STREET	TL
STOWHEATH LANE	TL
WILLENHALL ROAD	To Depot

Snow Gritting Route No	5	Standard Abbreviations	
Route Priority	1	Turn Right	TR
Travel along Ring Road to Birmingham Road Slip Road Start Gritting GRIT ROADS IN CAPITAL LETTERS ONLY		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY

RING ROAD BIRMINGHAM ROAD SLIP	TL
BIRMINGHAM ROAD	SO
THOMPSON AVENUE	SO
BIRMINGHAM NEW ROAD	TL
BLACK COUNTRY ROUTE	TL
COSELEY ROAD	Return at RBT
COSELEY ROAD	TL
BLACK COUNTRY ROUTE	SO
OXFORD STREET ISLAND	Returning
BLACK COUNTRY ROUTE	TL
BIRMINGHAM NEW ROAD	TR
SHAW ROAD	SO
HURST HILL	Returning at BDRY
HURST HILL	SO
SHAW ROAD	TL
BIRMINGHAM NEW ROAD	TL
GROVE STREET	TL
DUDLEY ROAD	TL
PARKFIELD ROAD	SO
MILLFIELDS ROAD	TL
WARD STREET	TR
Wellington Road	TR
WOLVERHAMPTON STREET	Returning at RBT
WOLVERHAMPTON STREET	TL
Wellington Road	TL
WARD STREET	TL
MILLFIELDS ROAD	Returning at RBT
MILLFIELDS ROAD	SO
PARKFIELD ROAD	TL
WOLVERHAMPTON ROAD EAST	Turning at BDRY
WOLVERHAMPTON ROAD EAST	SO
DUDLEY ROAD	TR
RING ROAD SLIP	Return to depot

Snow Gritting Route No	6	Standard Abbreviations	
Route Priority	1	Turn Right	TR
Travel to Penn Road via Ring Road, turn right for Stubbs Road Start Gritting GRIT ROADS IN CAPITAL LETTERS ONLY		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY

STUBBS ROAD	Return at RBT
STUBBS ROAD	SO
ROOKERY LANE	TL
GOLDTHORN HILL ROAD	TL
UPPER VILLIERS STREET	TL
MARSTON ROAD	Return at RBT
MARSTON ROAD	TL
LOWER VILLIERS STREET	TR
DRAYTON STREET	TR
Dudley Road	TR
GOLDTHORN HILL RD,GOLDTHORN HILL, COALWAY RD	Return at RBT
COALWAY RD,GOLDTHORN HILL, GOLDTHORN HILL RD	SO
Parkfield Road	TL
Thompson Avenue	TR
DIXON STREET	TR
ETTINGSHALL ROAD	SO
MANOR RD,SPRING RD, ROOKERY RD, ETTINGSHALL RD	TL
Shaw Road	Over Birmingham New Road for
SHAW RD, BIDDINGS LA, ANCHOR RD, LADYMOOR RD	SO
BROAD LANES, COSELEY ROAD	Return at RBT
COSELEY ROAD, BROAD LANES	TL
HIGHFIELDS ROAD, SALOP STREET, LOXDALE STREET	TL
OXFORD STREET	Return at RBT
OXFORD STREET	TL
VULCAN ROAD	Return at RBT
VULCAN ROAD	TL
OXFORD STREET	Turn at BDRY
OXFORD STREET	TL
LOXDALE STREET, SALOP STREET, HIGHFIELDS ROAD	TL
LADYMOOR RD, ANCHOR RD, BIDDINGS LA, SHAW RD	Over Birmingham New Road for
Shaw Road	TR
ETTINGSHALL RD,ROOKERY RD, SPRING RD, MANOR RD	SO
ETTINGSHALL ROAD	TL
DIXON STREET	TL
Thompson Avenue	TR
Parkfield Road	TR
Dudley Road	TL
DRAYTON STREET	TL
LOWER VILLIERS STREET	SO
UPPER VILLIERS STREET	TR
Goldthorn Hill Road	TR
ROOKERY LANE	TR
Penn Road	Return to depot

Snow Gritting Route No	7	Standard Abbreviations	
Route Priority	1	Turn Right	TR
Travel via Horseley Fields to Middle Cross Start Gritting GRIT ROADS IN CAPITAL LETTERS ONLY		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY

GRIT OUTER LANES OF ISLANDS AND INNER RING ROAD	Returning Bilston Road Island
GRIT INNER LANES OF ISLANDS AND OUTER RING ROAD	Returning Bilston Road Island
Ring Road St. George's	SO
Ring Road St. Johns	TL
GRIT PENN ROAD SLIP ROAD	TL
PENN ROAD	TL
CHURCH HILL	TL
PENNWOOD ROAD	TR
SEDGLEY ROAD	Turn at BDRY
SEDGLEY ROAD	TL
PENNWOOD ROAD	TR
CHURCH HILL	TL
PENN ROAD	SO
LLOYD HILL ISLAND	Returning
PENN ROAD	TL
LEA ROAD	Return at RBT
LEA ROAD	TL
PENN ROAD	TL
Ring Road	TL
Chapel Ash	TL
MERRIDALE ROAD	SO
BRADMORE ROAD	SO
TRYSULL ROAD	TL
OXBARN AVENUE	SO
WARSTONES ROAD	Return at Lloyd Hill Island
WARSTONES ROAD	TL
SPRINGHILL LANE	Turn at BDRY
SPRINGHILL LANE	TL
WARSTONES ROAD	SO
OXBARN AVENUE	TR
TRYSULL ROAD	SO
BRADMORE ROAD	SO
MERRIDALE ROAD	TR
Chapel Ash	Return to depot

Snow Gritting Route No	8	Standard Abbreviations	
Route Priority	1	Turn Right	TR
Travel via Ring Road and Tettenhall Road to Old Hill, Start Gritting GRIT ROADS IN CAPITAL LETTERS ONLY		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY
OLD HILL, UPPER STREET		TL	
HIGH STREET, WOOD ROAD, MOUNT ROAD		TL	
WIGHTWICK BANK		TR	
Bridgnorth Road		TR	
TINACRE HILL		Turn at BDRY	
TINACRE HILL		TL	
Bridgnorth Road		TR	
WINDMILL LANE, CASTLECROFT ROAD		TL	
FINCHFIELD HILL		Turn at Return	
FINCHFIELD HILL		SO	
FINCHFIELD ROAD WEST, FINCHFIELD ROAD		TR	
Bradmore Road		TL	
BIRCHES BARN ROAD		Return at RBT	
BIRCHES BARN ROAD		TR	
Bradmore Road		TL	
FINCHFIELD ROAD		TL	
BROAD LANE		TR	
TRYSULL ROAD		TL	
COALWAT ROAD		Return at Oxbar Avenue Island	
COALWAY ROAD		TL	
LANGLEY ROAD		Return at BDRY	
LANGLEY ROAD		Over Island for	
TRYSULL ROAD		TL	
BROAD LANE		TL	
FINCHFIELD ROAD WEST		TL	
CASTLECROFT ROAD		TL	
FINCHFIELD LANE		Return at Five Ways Island	
FINCHFIELD LANE		TL	
CASTLECROFT ROAD		TL	
BHYLLS LANE		Return at Five Ways Island	
BHYLLS LANE		TL	
WINDMILL LANE		TL	
CASTLECROFT LANE		Return at BDRY	
CASTLECROFT LANE		TL	
WINDMILL LANE		SO	
WIGHTWICK BANK, MILL LANE, YEW TREE LANE		Turn and Return for	
YEW TREE LANE		TL	
SCHOOL ROAD		SO	
CHURCH ROAD, THE HOLLOWAY		Turn and Return for	
THE HOLLOWAY, CHURCH ROAD		SO	
SCHOOL ROAD		TL	
MILL LANE		TL	
MOUNT ROAD, WOOD ROAD, HIGH STREET		TR	
UPPER STREET, OLD HILL		Return to depot	

Snow Gritting Route No	9	Standard Abbreviations	
Route Priority	1	Turn Right	TR
Travel via Ring Road to Chapel Ash slip road Start Gritting GRIT ROADS IN CAPITAL LETTERS ONLY		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY

RING ROAD CHAPEL ASH SLIP ROAD CHAPEL ASH, TETTENHALL RD, THE ROCK, WERGS RD WERGS ROAD, THE ROCK, TETTENHALL ROAD NEW HAMPTON ROAD WEST HUNTER STREET HORDERN ROAD LOWLANDS AVENUE LOWER STREET HENWOOD ROAD BRIDGNORTH ROAD BRIDGNORTH ROAD HENWOOD ROAD LOWER STREET LOWLANDS AVENUE HORDERN ROAD HUNTER STREET NEW HAMPTON ROAD WEST TETTENHALL ROAD, CHAPEL ASH CHAPEL ASH COMPTON ROAD, COMPTON ROAD WEST COMPTON ROAD WEST, COMPTON ROAD BATH ROAD RING ROAD WATERLOO ROAD NEWHAMPTON ROAD EAST HUNTER STREET CRADDOCK STREET, GORSEBROOK ROAD GORSEBROOK ROAD, CRADDOCK STREET HUNTER STREET NEW HAMPTON ROAD EAST WATERLOO ROAD WATERLOO ROAD Ring Road	TL Return at BDRY TL TL TL SO TL SO SO Return at BDRY SO SO TR SO TR TR TL Return at Ring Road Island for TL Return at Compton Island for SO TL TL TL TR SO Return at Stafford Road Island for SO TL TL Return at Stafford Road Island for TL Return to depot
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Snow Gritting Route No	10	Standard Abbreviations	
Route Priority	1	Turn Right	TR
Travel via Ring Road to Stafford Street Start Gritting GRIT ROADS IN CAPITAL LETTERS ONLY		Turn Left	TL
		Straight On	SO
		Roundabout	RBT
		Boundary	BDRY

STAFFORD STREET	SO
STAFFORD ROAD	TL
OXLEY MOOR ROAD	Return at RBT
OXLEY MOOR ROAD	TL
STAFFORD ROAD	TL
WOBASTON ROAD	TL
THE DROVEWAY	TL
BLAYDON ROAD	Return at RBT
BLAYDON ROAD	TL
THE DROVEWAY	TL
BARNHURST LANE	SO
PENDEFORD AVENUE	SO
CODSALL ROAD	SO
LOWER STREET	TL
ALDERSLEY ROAD	SO
OXLEY MOOR ROAD	Return at RBT
OXLEY MOOR ROAD	SO
ALDERSLEY ROAD	TR
LOWER STREET	SO
CODSALL ROAD	Return at BDRY
CODSALL ROAD	TL
PENDEFORD AVENUE	SO
BARNHURST LANE	TR
THE DROVEWAY	TL
WOBASTON ROAD	TL
OVERSTRAND	Return at RBT
OVERSTRAND	TR
WOBASTON ROAD	TL
STAFFORD ROAD	Return at M54 RBT
STAFFORD ROAD	SO
STAFFORD STREET	Return to depot

Appendix III

CITY CENTRE, SUNKEN GARDENS, SUBWAYS AND FOOTWAYS

**(Note this operation is carried out by the department of Law
and Resources, Client Services when street cleansing
operations are not possible).**

**SNOW CLEARING/GRITTING: PRIORITY ROUTES
(Footways, sunken gardens and shopping centres)**

	Location	Priority	Route
Sunken Gardens	Chapel Ash	A	1
	Bilston Road	A	2
	Penn Road	A	3
Subways	School Street / Salop Street	A	4
	School Street / Brickkiln Street	A	5
	North Street / Ring Road	A	6
	Bath Avenue / Ring Road steps	A	6
	Stafford Road (Goodyears)	A	8
	Willenhall Road / New Street	A	9
	Willenhall Road / Vaughan Road	A	9
	Hordern Road / Hunter Street	A	10
City Centre	Victoria Street	B	1
	Lichfield Street	B	1
	Queen Square	B	1
	Princess Street	B	2
	Market Street	B	2
	Garrick Street	B	2
	Victoria Street	B	3
	Worcester Street	B	3
	Darlington Street	B	4
	Waterloo Road (part)	B	4
	School Street	B	5
	Pitt Street	B	5
	Skinner Street	B	5
	Cleveland Street	B	6
	Salop Street	B	6
	Queen Street (part)	B	7
	St George's Parade (part)	B	7
	Snow Hill	B	7
	Broad Street	B	8
	Princes Square	B	8
Wulfruna Street	B	8	
Stafford Street	B	8	
Passageways	St Peter's Close	C	9
	Townwell Fold	C	9
	Castle Yard	C	9
	Victoria Passage	C	9

Passageways	Chapel Ash	C	10
	Fryer Street	C	11
	Railway Drive (part)	C	11
	Berry Street	C	11
	Red Lion Street	C	12
	Mitre Fold	C	12
	Corporation Street	C	12
	Paternoster Row	C	12
	Pipers Row	C	13
	Castle Street	C	13
	Tower Street	C	13
	Bilston Street	C	14
	Old Hall Street	C	14
	Temple Street	C	15
	Summer Row	C	15
	Bell Street	C	15
	Fold Street	C	16
	Peel Street	C	16
	Tempest Street	C	16
	Vane Street	C	16
	Clarence Street	C	17
	Birch Street	C	17
	Clarence Road	C	17
	Church Street	C	18
	St John's Street	C	18
	George Street	C	18
	Bond Street	C	18

Appendix IV

Emergency Snow Routes

EMERGENCY SNOW CLEARING ROUTES

EMERGENCY 1

START QUALCAST ROAD DEPOT
(salt roads in CAPITAL letters)

Head towards RING ROAD, turning right from Middle Cross, ALL THE WAY ROUND INNER RING ROAD and the returning from Bilston Road Island for OUTER RING ROAD, returning to Middle Cross.

NOTE:

- 1 Angle plough to nearside
- 2 Set salt to 40gm/m²
- 3 First pass plough OFFSIDE lane (if dual carriageway) or centre of carriageway on others.
- 4 When offside lane clear plough NEAR SIDE lane

IMPORTANT

When ploughing around ISLANDS continue around until ALL LANES are clear

**THE OBJECT IS TO REPEATEDLY PLOUGH GIVEN ROAD SECTIONS
UNTIL THEY ARE CLEAR OF SNOW.**

EMERGENCY SNOW CLEARING ROUTES

EMERGENCY 2

START QUALCAST ROAD DEPOT
(salt roads in CAPITAL letters)

Head towards Ring Road, right onto STAFFORD STREET, STAFFORD ROAD to M54 ISLAND then return, STAFFORD ROAD, STAFFORD STREET, Ring Road, HORSELEY FIELDS.

NOTE:

- 1 Angle plough to nearside
- 2 Set salt to 40gm/m²
- 3 First pass plough OFFSIDE lane (if dual carriageway) or centre of carriageway on others.
- 4 When offside lane clear plough NEAR SIDE lane

IMPORTANT

When ploughing around ISLANDS continue around until ALL LANES are clear

**THE OBJECT IS TO REPEATEDLY PLOUGH GIVEN ROAD SECTIONS
UNTIL THEY ARE CLEAR OF SNOW.**

EMERGENCY SNOW CLEARING ROUTES

EMERGENCY 3

START QUALCAST ROAD DEPOT
(salt roads in CAPITAL letters)

Head towards Ring Road, turning right from Middle Cross and right onto Stafford Street, right CANNOCK ROAD to boundary and return CANNOCK ROAD, returning to Ring Road.

NOTE:

- 1 Angle plough to nearside
- 2 Set salt to 40gm/m²
- 3 First pass plough OFFSIDE lane (if dual carriageway) or centre of carriageway on others.
- 4 When offside lane clear plough NEARSIDE lane

IMPORTANT

When ploughing around ISLANDS continue around until ALL LANES are clear

**THE OBJECT IS TO REPEATEDLY PLOUGH GIVEN ROAD SECTIONS
UNTIL THEY ARE CLEAR OF SNOW.**

EMERGENCY SNOW CLEARING ROUTES

EMERGENCY 4

START QUALCAST ROAD DEPOT
(salt roads in CAPITAL letters)

Head towards Ring Road, turning right from Middle Cross then right WEDNESFIELD ROAD, WEDNESFIELD WAY, LAKEFIELD ROAD, LICHFIELD ROAD to boundary return LICHFIELD ROAD, LAKEFIELD ROAD, WEDNESFIELD WAY, right Tudor Road, right Church Street, left WOLVERHAMPTON ROAD, ROOKERY STREET, HIGH STREET, LICHFIELD ROAD, returning at Lakefield Road Island and returning LICHFIELD ROAD, HIGH STREET, ROOKERY STREET, WOLVERHAMPTON ROAD turning left NEW CROSS AVENUE returning at Wednesfield Way Island for NEW CROSS AVENUE, left WOLVERHAMPTON ROAD, WEDNESFIELD ROAD to Ring Road, HORSELEY FIELDS.

NOTE:

- 1 Angle plough to nearside
- 2 Set salt to 40gm/m²
- 3 First pass plough OFFSIDE lane (if dual carriageway) or centre of carriageway on others.
- 4 When offside lane clear plough NEAR SIDE lane

IMPORTANT

When ploughing around ISLANDS continue around until ALL LANES are clear

**THE OBJECT IS TO REPEATEDLY PLOUGH GIVEN ROAD SECTIONS
UNTIL THEY ARE CLEAR OF SNOW.**

EMERGENCY SNOW CLEARING ROUTES

EMERGENCY 5

START QUALCAST ROAD DEPOT
(salt roads in CAPITAL letters)

Right onto LOWER HORSELEY FIELDS, MIDDLE CROSS, round RING ROAD BILSTON ROAD ISLAND and return MIDDLE CROSS, LOWER HORSELEY FIELDS, WILLENHALL ROAD to PORTOBELLO ISLAND, continue on The Keyway to BILSTON ROAD ISLAND then BILSTON ROAD, WILLENHALL ROAD, MOUNT PLEASANT then return MOUNT PLEASANT, WILLENHALL ROAD, BILSTON ROAD, The Keyway, WILLENHALL ROAD, HORSELEY FIELDS.

NOTE:

- 1 Angle plough to nearside
- 2 Set salt to 40gm/m²
- 3 First pass plough OFFSIDE lane (if dual carriageway) or centre of carriageway on others.
- 4 When offside lane clear plough NEAR SIDE lane

IMPORTANT

When ploughing around ISLANDS continue around until ALL LANES are clear

**THE OBJECT IS TO REPEATEDLY PLOUGH GIVEN ROAD SECTIONS
UNTIL THEY ARE CLEAR OF SNOW.**

EMERGENCY SNOW CLEARING ROUTES

EMERGENCY 6

START QUALCAST ROAD DEPOT
(salt roads in CAPITAL letters)

Head towards Ring Road, left onto BILSTON ROAD, WELLINGTON ROAD, LICHFIELD STREET, OXFORD STREET to boundary Great Bridge Road, turn and return OXFORD STREET, LICHFIELD STREET, turn left for CHURCH STREET, HIGH STREET, returning at MILLFIELDS ROAD ISLAND, for HIGH STREET, CHURCH STREET, turn left for LICHFIELD STREET, WELLINGTON ROAD, BILSTON ROAD.

NOTE:

- 1 Angle plough to nearside
- 2 Set salt to 40gm/m²
- 3 First pass plough OFFSIDE lane (if dual carriageway) or centre of carriageway on others.
- 4 When offside lane clear plough NEAR SIDE lane

IMPORTANT

When ploughing around ISLANDS continue around until ALL LANES are clear

**THE OBJECT IS TO REPEATEDLY PLOUGH GIVEN ROAD SECTIONS
UNTIL THEY ARE CLEAR OF SNOW.**

EMERGENCY SNOW CLEARING ROUTES

EMERGENCY 7

START QUALCAST ROAD DEPOT
(salt roads in CAPITAL letters)

Head down Birmingham New Road to BLACK COUNTRY ROUTE, left COSELEY ROAD, round MILLFIELDS ROAD ISLAND for COSELEY ROAD, left BLACK COUNTRY ROUTE to KEYWAY SLIP ROAD, round ISLAND and return, KEYWAY SLIP ROAD, BLACK COUNTRY ROUTE, to Birmingham New Road.

NOTE:

- 1 Angle plough to nearside
- 2 Set salt to 40gm/m²
- 3 First pass plough OFFSIDE lane (if dual carriageway) or centre of carriageway on others.
- 4 When offside lane clear plough NEAR SIDE lane

IMPORTANT

When ploughing around ISLANDS continue around until ALL LANES are clear

**THE OBJECT IS TO REPEATEDLY PLOUGH GIVEN ROAD SECTIONS
UNTIL THEY ARE CLEAR OF SNOW.**

EMERGENCY SNOW CLEARING ROUTES

EMERGENCY 8

START QUALCAST ROAD DEPOT
(salt roads in CAPITAL letters)

Head towards Ring Road, turning left at Bilston Road Island for Ring Road St George's, left BIRMINGHAM ROAD, THOMPSON AVENUE, BIRMINGHAM NEW ROAD, turning at boundary and returning BIRMINGHAM NEW ROAD, THOMPSON AVENUE, BIRMINGHAM ROAD, turn left into GROVE STREET, turn left into DUDLEY ROAD, WOLVERHAMPTON ROAD EAST turning at boundary and returning WOLVERHAMPTON ROAD EAST, DUDLEY ROAD to Ring Road.

NOTE:

- 1 Angle plough to nearside
- 2 Set salt to 40gm/m²
- 3 First pass plough OFFSIDE lane (if dual carriageway) or centre of carriageway on others.
- 4 When offside lane clear plough NEARSIDE lane

IMPORTANT

When ploughing around ISLANDS continue around until ALL LANES are clear

**THE OBJECT IS TO REPEATEDLY PLOUGH GIVEN ROAD SECTIONS
UNTIL THEY ARE CLEAR OF SNOW.**

EMERGENCY SNOW CLEARING ROUTES

EMERGENCY 9

START QUALCAST ROAD DEPOT
(salt roads in CAPITAL letters)

Head towards Ring Road, left PENN ROAD, turn left GOLDTHORN HILL, GOLDTHORN HILL ROAD, PARKFIELD ROAD, MILLFIELDS ROAD returning from MILLFIELDS ROAD ISLAND, MILLFIELDS ROAD, PARKFIELD ROAD, GOLDTHORN HILL ROAD, GOLDTHORN HILL, turn left PENN ROAD to LLOYD HILL ISLAND and return PENN ROAD to Ring Road.

NOTE:

- 1 Angle plough to nearside
- 2 Set salt to 40gm/m²
- 3 First pass plough OFFSIDE lane (if dual carriageway) or centre of carriageway on others.
- 4 When offside lane clear plough NEAR SIDE lane

IMPORTANT

When ploughing around ISLANDS continue around until ALL LANES are clear

**THE OBJECT IS TO REPEATEDLY PLOUGH GIVEN ROAD SECTIONS
UNTIL THEY ARE CLEAR OF SNOW.**

EMERGENCY SNOW CLEARING ROUTES

EMERGENCY 10

START QUALCAST ROAD DEPOT
(salt roads in CAPITAL letters)

Head towards Ring Road, then round Ring Road to CHAPEL ASH, TETTENHALL ROAD, THE ROCK, WERGS ROAD turning at boundary and returning WERGS ROAD, THE ROCK, TETTENHALL ROAD, CHAPEL ASH, return round Ring Road Chapel Ash Island, CHAPEL ASH, COMPTON ROAD, COMPTON ROAD WEST, BRIDGNORTH ROAD, to boundary then returning BRIDGNORTH ROAD, COMPTON ROAD WEST, COMPTON ROAD, CHAPEL ASH.

NOTE:

- 1 Angle plough to nearside
- 2 Set salt to 40gm/m²
- 3 First pass plough OFFSIDE lane (if dual carriageway) or centre of carriageway on others.
- 4 When offside lane clear plough NEARSIDE lane

IMPORTANT

When ploughing around ISLANDS continue around until ALL LANES are clear

**THE OBJECT IS TO REPEATEDLY PLOUGH GIVEN ROAD SECTIONS
UNTIL THEY ARE CLEAR OF SNOW.**

Appendix V

Winter Decision Procedures

DECISION PROCEDURE

	Road Surface Temperature					
	May fall below zero	Expected to fall below zero				
Precipitation / Road Conditions	No rain No hoar frost No fog	No rain No hoar frost No fog	Expected hoar frost Expected fog	Expected rain before freezing	Expected rain during freezing	Possible rain Possible hoar frost Possible fog
Wet	1	1	1	3 (see note 3)	1 & 4 (see note 4)	4
Wet patches	2 (see note 1)	2 (see note 1)	2 & 4 (see note 2)	3 (see note 3)	1 & 4 (see note 4)	5
Dry	6 (see note 1)	6 (see note 1)	4 (see note 2)	3 (see note 3)	1 & 4 (see note 4)	5
Pre-salted within last 24 hours with no rain since	6 (see note 1)	6 (see note 1)	6 (see note 1)	3 (see note 3)	4 (see note 4)	5

DECISION PROCEDURE

ACTION:

- 1 Salt early evening.**
- 2 Salt wet patches early evening.**
- 3 Salt after rain stops.**
- 4 Salt early morning.**
- 5 Supervisor inspect early morning with crews standing by for instructions.**

NOTES TO ACTION TABLE:

- 1 Particular attention should be given to the possibility of water running across carriageways, e.g. off adjacent fields after heavy rain, washing off salt previously deposited. Such locations should be kept under scrutiny and may require treating in the evening and morning, and possibly on other occasions.
- 2 When a road danger warning contains reference to expected hoar frost, considerable deposits will usually occur. Hoar frost usually occurs in the early morning and it 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. Particular vigilance is required under this forecasted condition which is ideally treated just as the hoar frost is forming. Such action is usually not practicable and salt may have to be deposited on a dry road before the condition forms. Hoar frost may be forecast to occur at other times in which case the timing of salting operations should be adjusted accordingly.
- 3 If, under those conditions, rain has not ceased by early morning, crews must be called out and action should be initiated as rain ceases (action 5).
- 4 Under these circumstances rain will freeze on contact with road surfaces and full pre-salting must take place even on dry roads. Constant vigilance must be maintained throughout the danger period.
- 5 Warnings are often qualified by altitudes in which case different action may be required from each depot.

Appendix VI

Priority Gritting Route Policy

HIGHWAYS WINTER SERVICE

PRIORITISATION OF HIGHWAY QUALIFICATION POINTS FOR INCLUSION IN GRITTING ROUTES

- 1 All the following roads are to be included on priority gritting routes:**
 - Principal Roads
 - Primary Roads
 - City and Town centre traffic roads (bus routes)
 - Important commuter roads and distributor roads

- 2 The following factors will be taken into account when determining whether a specific road is to be included on priority gritting routes:**
 - The gradient of the carriageway
 - The presence and severity of bends
 - Traffic usage
 - The number of properties served by the road
 - Weather susceptibility
 - The type and usage of frontage properties

Appendix VII

Grit Bin Policy and Locations

Grit Bin Policy

The Authority provides grit bins at strategic locations throughout the City. During the period from mid-October to mid-April inspections are required after periods of severe weather conditions to refill or top up as necessary. This activity will be reimbursed to the Contractor under the appropriate rates in the Highway Winter Service Contract. Approval to carry out this operation is to be gained from the Transportation Network Management Section.

Care should be taken to avoid locating salt bins in areas where they may be used for the disposal of litter (i.e. near bus stops) or act as litter traps.

Grit Bin Locations

Street	Area	Location	Bin No.
Abney Drive	Lanesfield	Adj No.1	
Appletree Grove	Whitmore Reans	Jct Dunstall Hill	
Ash Hill	Compton	Jct cul-de-sac	
Ashbourne Road	Lanesfield	Jct Dovedale Road	
Balmoral Road	Penn	Jct Buckingham Road	
Balmoral Road	Penn	Jct Sandringham Road	
Bank Street	Bradley	On splitter jct Walter Rd	
Bantock Gardens	Finchfield	Opp No.33	
Bate Street	Lanesfield	By lamp No.3	
Bath Avenue	City Centre	Top of steps	
Bayliss Avenue	Lanesfield	Jct Rookery Road	
Bayliss Avenue	Lanesfield	Opp No.10	
Beacon Street	Woodcross	Opp High View	
Beacon Street	Woodcross	Jct Johnson Street	
Bee Lane	Fordhouses / Bushbury	Opp No.46	
Bickford Road	Fallings park	opp No.9	
Bilston Road	Monmore Green	Nr jct Chillington Street	
Birmingham N Rd sr	Coseley	Nr jct Hessian Close	
Boundary Way	Warstones	o/s No.65	
Boundary Way	Warstones	Opp Stourton Drive	
Bowen Avenue	Lanesfield	Jct Rookery Road	
Bowood Drive	Tettenhall	Opp No.2	
Bridgnorth Rd serv rd	Wightwick	Nr Torvale Road	
Broad Street	City Centre	Middle splitter jct Ring Rd	
Broadway	Finchfield	Jct West Hill	
Broadway	Finchfield	Jct Willow Bank	
Buckingham Road	Penn	Jct Sandringham Road	
Buttons Farm Road	Penn	o/s No.20	
Cable Street	Monmore Green	Jct Bilston Road	
Cader Crescent	Bilston	Nr lamp No.2	
Camberley Crescent	Ettingshall Park	Jct Farrington Road	
Chanterelle Gardens	Penn	o/s No.6	
Chase View	Ettingshall Park	Jct Farrington Road	
Chelston Drive	Tettenhall	Jct Newbridge Crescent	
Church Road	Tettenhall Wood	Jct Broxwood Park steps	
Church Street	Wednesfield	Jct Graiseley Lane	
Church Walk	Bradmore	o/s No.11	
Clare Crescent	Woodcross	Nr jct Mount Road	
Claverley Drive	Warstones	Opp No.10	

Street	Area	Location	Bin No.
College Road	Tettenhall	By lamp No.2	
Compton Road West	Compton	Opp lamp No.54	
Compton Road West	Compton	Jct Compton Hill Drive	
Coton Road	Goldthorn Park	Jct Goldthorn Hill nr lamp 1	
Cranbourne Avenue	Lanesfield	Jct Ashbourne Road	
Cranbourne Avenue	Lanesfield	o/s No.56	
Crawford Avenue	Lanesfield	Jct Ward Grove	
Dartmouth Crescent	The Lunt	o/s No.1	
Deans Road	Heath Town	On canal bridge, east side	
Denham gardens	Finchfield	Opp No.28	
Dunstall Hill	Whitmore Reans	Nr lamp No.1	
Evans Street	Portobello	Nr lamp No.8	
Farrington Road	Lanesfield	o/s No.57	
Finchfield Hill	Finchfield	o/s The Westacres	
Finchfield Hill	Finchfield	Jct Compton Road West	
Firsway	Wightwick	Jct Bridgnorth Road	
Forton Close	Tettenhall Wood	f/w to Grove Lane	
Froggatt Road	Bilston	Island j/o Prouds Lane	
Goldthorn Hill	Goldthorn Park	o/s No.194	
Goldthorn Hill	Goldthorn Park	Jct Rookery Lane	
Greenfield Lane	Fordhouses / Bushbury	Jct Ainsworth Road	
Greenwood Road	Oxley	Jct Stafford Road	
Greenwood Road	Oxley	On bend opp lamp No.7	
Grosvenor Road	Lanesfield	Jct Delhurst Avenue	
Grosvenor Road	Lanesfield	o/s No.33	
Grotto Lane	Aldersley	o/s No.20	
Grove Lane	Tettenhall Wood	Opp Oakleigh	
Hackett Close	Lanesfield	o/s Senior Citizens Centre	
Hackett Close	Lanesfield	Opp No.8	
Hackford Road	Lanesfield	Opp lamp No.9	
Hall Green Street	Bradley	Jct Hill Street	
Hartill Road	Penn	Jct Foxland Avenue	
Havelock Close	Bradmore	Jct Maple Road	
Henwood Road	Tettenhall	Jct The Rock	
Henwood Rd serv rd	Compton	Nr col opp jct Henwood Cl	
Henwood Rd serv rd	Compton	o/s No.157	
High Meadows	Compton	Opp No.36	
High Meadows	Compton	o/s No.18	
High Meadows	Compton	Nr Jct Henwood Road	
Hill Avenue	Lanesfield	Jct Pritchett Avenue	

Street	Area	Location	Bin No.
Hill Avenue	Lanesfield	Jct Crawford Avenue	
Hill Avenue	Lanesfield	Jct Gordon Avenue	
Hopstone Gardens	Penn	o/s No.14	
Hornby Road	Goldthorn Park	Jct Park Avenue	
Kendal rise	Aldersley	Jct Lynton Avenue	
Ladymoor Road	Coseley	By canal bridge	
Landport Road	Monmore Green	By lamp No.2	
Landport Road	Monmore Green	Top of road	
Landport Road	Monmore Green	Top of road	
Lea Monor Drive	Penn	o/s No.52	
Leacroft Avenue	Low Hill	o/s No.75	
Lichfield Road	Wednesfield	Lamp No.15	
Lichfield Road	Wednesfield	By Neachells Lane	
Lichfield Road	Wednesfield	Lamp No.55	
Links Road	Penn	Jct Dewsbury Drive	
Linley Drive	Bushbury	o/s No.5	
Long Ley	Heath Town	on slope nr school	
Lower Green	Tettenhall	On bend Jct Church Road	
Lower Street	Tettenhall	Jct Tettenhall Road	
Lynton Avenue	Aldersley	Jct Blackburn Avenue	
Lynton Avenue	Aldersley	Jct Aldersley Road	
Marlbrook Drive	Goldthorn Park	Jct Coton Road	
Marsh Lane	Fordhouses / Bushbury	Pendeford canal bridge	
Meadow View	Tettenhall	s/o No.337 T-hall Rd	
Merridale Avenue	Merridale	s/o No.17	
Mobberley Road	Lanesfield	Jct Kossuth Avenue	
Molineux Alley	Whitmore Reans	Nr lamp No.8	
Molineux Alley	Whitmore Reans	mid way btwn Lamps 4 & 5	
Molineux Alley	Whitmore Reans	At top nr lamp No.1	
Molineux Street	Whitmore Reans	By wall nr lamp No.6	
Molineux Street	Whitmore Reans	Nr car park entrance	
Monmore Road	Monmore Green	Jct Culwick Street	
Mount Road	Lanesfield	Jct Birmingham New Road	
Neachells Lane	Willenhall	By bridge	
Nevis Court	Compton	Jct Glen Court o/s No.2	
Newhampton Rd East	Whitmore Reans	Nr jct Waterloo Road	
Oak Green	Tettenhall Wood	Opp No.3	
Ormes Lane	Tettenhall Wood	Jct The Holloway	
Osbourne Road	Penn	On bend	
Park Avenue	Goldthorn Park	Jct Park Drive	

Street	Area	Location	Bin No.
Park Drive	Goldthorn Park	Jct Hornby Road	
Parkfield Road serv rd	Goldthorn Park	Opp lamp column	
Parklands Road	East Park	Jct East Park Way	
Parklands Road	East Park	on bend o/s School	
Paternoster Row	City Centre	Nr Giffard House	
Pendeford Avenue	Aldersley	Footbridge s/o canal bridge	
Pennwood Lane	Penn	Jct Sedgley Road	
Perton Brook Vale	Wightwick	Jct Wightwick Bank	
Peterdale Drive	Penn	Jct Brenton Road	
Pritchett Avenue	Lanesfield	Jct Ward Grove	
Quail Green	Wightwick	o/s No.19	
Quail Green	Wightwick	Opp No.12A	
Racecourse Road	Whitmore Reans	Jct Dunstall Lane	
Railway Drive	City Centre	Nr bridge	
Reapers Walk	Pendeford	s/o canal bridge	
Redacres	Aldersley	o/s No.1	
Redacres	Aldersley	Jct Malthouse Lane	
Ring Road	City Centre	S-way entrance nr University	
Ring Road	City Centre	S-way entrance nr University	
Ringwood Road	Bushbury	Opp No.22	
Rookery Lane	Blakenhall	Jct Goldthorn Hill nr lamp 2	
Rookery Road	Lanesfield	o/s 51	
Ruskin Avenue	Lanesfield	Jct Mount Road	
Rycroft Avenue	Penn	At top	
Sandford Rise	Aldersley	o/s No.21	
Sandford Rise	Aldersley	By lamp No.33	
Sandy Lane	Aldersley	Jct Aldersley Road	
Sandy Lane	Aldersley	Jct Lower Street	
Sandy Lane	Low Hill	lamp No.42 opp Leacroft Av	
Sandy Lane	Low Hill	Opp No.32	
Sherborne Road	Bushbury	o/s No.11	
Sherwin Avenue	Woodcross	Half way down hill	
Sherwin Avenue	Woodcross	Opp shops	
Snowdon Way	Oxley	Jct Logan Close	
Snowdon Way	Oxley	Jct Sidlow Close	
Spring Road	Lanesfield	Nr Jct Birmingham New Road	
Springhill Lane	Penn	o/s No.37	
Stafford Road	Oxley	o/s Goodyears	
Steel Drive	Bushbury	In layby nr lamp No.1	
Stockwell Road	Tettenhall	Jct Love Lane	

Street	Area	Location	Bin No.
Surrey Drive	Finchfield	Jct Bantock Gardens	
Swan Bank	Penn	Jct Wakeley Hill	
Swan Bank	Penn	Jct Manor Road	
Telford Gardens	Merry Hill	Jct Trysull Gardens	
The Dingle	Finchfield	Nr jct The Spinney	
The Downs	Oxley	Opp Atlas Croft	
The Meadway	Tettenhall	Opp No.8	
The Orchard	Aldersley	Jct Malthouse Lane	
The Orchard	Aldersley	o/s No.3	
The Rock	Tettenhall	Btwn Lamp 8 & Ave. House	
The Rock	Tettenhall	By lamp No.13	
Trentham Rise	Rough Hills	RHS nr street name plate	
Trimpley Gardens	Penn	o/s No.25	
Tudor Crescent	Blakenhall	Jct Rookery Lane o/s No.2	
Turner Avenue	Woodcross	o/s Butchers Shop	
Tyndale Crescent	Lanesfield	Jct Cranbourne Avenue	
Vicarage Road	Penn	Jct Church Hill	
Vicarage Road	Wednesfield	Opp jct Bonny Stile Lane	
Waterloo Road	City Centre	Jct Ring Road	
Waverley Crescent	Woodcross	Jct Lapper Avenue	
Wednesfield Way	Wednesfield	LHS Bentley Bridge	
Well Road	Penn	On bend	
Wheathill Close	Penn	o/s No.10	
Whitley Close	Tettenhall Wood	Jct Bramstead Avenue	
Whitmore Hill	Whitmore Reans	o/s Roadstone house	
Willenhall Rd serv rd	The Mayfields	o/s Concierge Office	
Wood Street	Lanesfield	Jct Spring Road	
Woodcross Lane	Woodcross	Jct Childs Avenue	
Woodfield Heights	Tettenhall	o/s No.40	
Woodfield Heights	Tettenhall	Opp lamp No.2	
Woodhall Road	Penn	Opp No.8	